

**CATERPILLAR  
PARTS  
BOOK**

**977L  
TRACK LOADER**

**POWERED BY  
3306 ENGINE**

**SERIAL  
NUMBERS**

- 14X1-UP (VEHICLE)**
- 3N69600-UP (ENGINE)**
- 2KA1-UP (TRANSMISSION)**

# QUICK REFERENCE CHARTS

USE THESE CHARTS TO RECORD FREQUENTLY USED MAINTENANCE INFORMATION

MACHINE SERIAL NO.	
EQUIPMENT NO.	

## FREQUENTLY REPLACED ITEMS

PART NO.	PART NAME

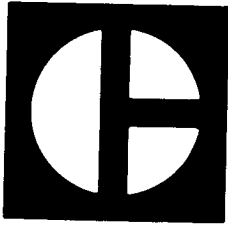
## FLUIDS & LUBRICANTS

WHERE USED	TYPE	AMOUNT

## OTHER MAINTENANCE ITEMS


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ALPHABETICAL INDEX OF GROUPS... 3  
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 USING THE PARTS BOOK..... 2



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## QUICK REFERENCE GUIDE TO MAJOR SECTIONS

- BASIC ENGINE
- LUBRICATION SYSTEM
- COOLING SYSTEM
- INTAKE & EXHAUST SYSTEM
- FUEL SYSTEM & GOVERNOR
- STARTING & ELECTRICAL SYSTEM
- POWER TRAIN—POWER TRANSMISSION UNIT
- STEERING CLUTCHES & BRAKES
- CHASSIS & UNDERCARRIAGE
- HYDRAULIC SYSTEM
- IMPLEMENTS
- CAB, GAUGES & ACCESSORIES
- SERVICE EQUIPMENT & SUPPLIES

## MACHINE IDENTIFICATION

Caterpillar machines are identified with SERIAL NUMBERS. Serial numbers are assigned to the chassis and to the engine. The chassis and the engine also carry ARRANGEMENT NUMBERS and in some cases MODIFICATION NUMBERS. These numbers are shown on the serial number plates and on the master plate in the operator's compartment. For the location of the serial number plates, refer to the Specification Section at the back of this Parts Book.

Caterpillar dealers need these numbers to determine which components were included on the machine when it was assembled at the factory. This permits accurate identification of replacement part numbers.

## ORDERING PARTS

Quality Caterpillar Replacement parts are available from Caterpillar dealers throughout the world. Their parts stocks are up to date and include all parts normally required to protect your investment in Caterpillar machines. When ordering parts, your order should specify the quantity, part number, part name and the serial number, arrangement number and any modification numbers of the machine for which the parts are needed. If in doubt about the part number, please provide your dealer with a complete description of the needed item.

## HOW TO USE THE PARTS BOOK

Caterpillar Parts Books include illustrations of the groups or assemblies which make up the machine. These illustrations show the standard components plus many of the attachments available for the machine.

The alphabetical index located in the front part of the book should be used to determine the page number on which specific illustrations are shown. Reference to those pages will identify each of the individual serviceable parts.

**Captions** The caption under each illustration identifies the part number and name of the group or assembly shown. If more than one illustration is included for any group, the caption identifies the specific machine serial numbers to which each illustration applies. In some cases it is not possible to determine the specific machine serial numbers to which different illustrations are applicable. In those cases the caption identifies the illustration as "First Type", "Second Type", etc. Reference to the actual group or assembly is necessary in those cases to determine which illustration should be used.

Captions provide additional information such as page numbers where illustrations of sub assemblies are shown, information regarding quantities used and other information intended to assist the user in determining parts needs.

**Indented Part Names** Within each illustration is a parts list identifying each serviceable part in the illustration. When a part name is indented in this list, it means that serviceable item is a part of the serviceable item under which it is indented.

## Abbreviations and Symbols

- ▲ Used to call attention to additional information shown elsewhere within the illustration.
- 
- R.H. Right Hand Refers to the side of the machine as viewed from the operator's compartment.
- L.H. Left Hand
- C Indicates changes from the previous illustration of the same group or assembly.
- O.D. Outside Diameter
- I.D. Inside Diameter
- N/S Not Serviced
- Assem. Assembly
- in. Inch
- ft Foot
- cm Centimetre
- dm Decimetre

**Note:** Continuing improvement and advancement of product design may cause changes to your machine which may not be included in this publication. Each publication is reviewed and revised, as required, to update and include these changes in later editions.

Whenever a question arises regarding your Caterpillar product, or this publication, please consult your Caterpillar dealer for the latest available information.

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und Zubehör  
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1	2P8943 TRUNNION GROUP .....	19

2P8948 STEEL MILL ARRANGEMENT—Engine Parts  
Engine Serial No. 3N69600 to 3N79762 inclusive  
Also part of 9P3314 Steel Mill Arrangement listed on Page 141  
AN ATTACHMENT

## CONSISTS OF:

PAGE

CENTRAL STRUCTURE

1	7N8016	CYLINDER BLOCK GROUP .....	6A
1	7N1292	CYLINDER BLOCK COVER GROUP .....	6B
1	6N8079	CRANKSHAFT GROUP .....	8A
1	2P6224	CRANKSHAFT SEAL GROUP .....	9
6	9S8912	CONNECTING ROD AND PISTON GROUP .....	10
1	2P6202	CAMSHAFT GROUP .....	10

UPPER STRUCTURE

1	7N8536	CYLINDER HEAD GROUP .....	11B
1	2P6530	CYLINDER HEAD COVER GROUP .....	12
1	7N9536	CYLINDER HEAD FASTENER GROUP .....	12A
1	7N8026	VALVE MECHANISM GROUP .....	13B
1	2P6516	VALVE MECHANISM COVER GROUP .....	14
1	6N8326	ENGINE LIFTING GROUP .....	13

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1	2P9641	FRONT HOUSING GROUP .....	14
1	2P6528	FRONT HOUSING COVER GROUP .....	15
1	2P6498	FRONT HOUSING FASTENER GROUP .....	15
1	2P9642	FRONT TIMING GEAR GROUP .....	16
1	2P8943	TRUNNION GROUP .....	19
1	7N2887	PULLEY GROUP .....	17
1	2P7838	DAMPER GROUP .....	16
1	7N4348	ENGINE SUPPORT GROUP .....	20

REAR STRUCTURE

1	2P6166	FLYWHEEL HOUSING GROUP .....	22
1	7S7877	FLYWHEEL GROUP .....	21

LOWER STRUCTURE

1	2P6152	OIL PAN GROUP .....	22
1	2P6200	OIL PAN FASTENER GROUP .....	23



CONSISTS OF:		PAGE
<u>LUBRICATION SYSTEM</u>		
1	2P1784 ENGINE OIL PUMP GROUP .....	23
1	2P6105 ENGINE OIL LINES GROUP .....	25
1	2P6475 OIL FILTER GROUP .....	26
1	4N4817 OIL FILLER GROUP .....	26
1	1P4244 BREATHER GROUP .....	27
1	2P9609 OIL LEVEL GAUGE GROUP .....	27
<u>COOLING SYSTEM</u>		
1	7N5909 WATER PUMP GROUP .....	32
1	7N7211 WATER LINES GROUP .....	33
1	2P6215 ENGINE OIL COOLER GROUP .....	29
1	2P7740 WATER LINES GROUP--ELBOW .....	33
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1	4N9169 TURBOCHARGER GROUP .....	36
1	6N443 TURBOCHARGER OIL LINES GROUP .....	38
1	7N3577 AIR LINES GROUP .....	40
1	4N9586 EXHAUST MANIFOLD FASTENER GROUP .....	43
1	6N164 EXHAUST MANIFOLD GROUP .....	43
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1	1P2299 FUEL FILTER ASSEMBLY .....	53
1	4N9625 FUEL PRIMING PUMP GROUP .....	54
1	6N304 GOVERNOR AND FUEL INJECTION PUMP GROUP ..	46
1	7N4016 FUEL INJECTION LINES GROUP .....	52
1	7N3616 DRAIN LINES GROUP .....	53
1	4N4510 GOVERNOR COVER GROUP .....	44
<u>ELECTRICAL SYSTEM</u>		
1	5S8501 GLOW PLUG GROUP .....	80
NOTE: REFER TO INDEX FOR PAGE LOCATION OF GASKET KITS		

## CATERPILLAR 977L TRACK LOADER

CONSISTS OF:		PAGE	
<u>CENTRAL STRUCTURE</u>			
1	2P6560	CYLINDER BLOCK GROUP .....	6
	- OR -		
1	7N8016	CYLINDER BLOCK GROUP .....	6A
1	2P6517	CYLINDER BLOCK COVER GROUP .....	6
	- OR -		
1	7N1292	CYLINDER BLOCK COVER GROUP .....	6B
1	2P6222	CRANKSHAFT GROUP .....	8
	- OR -		
1	6N8079	CRANKSHAFT GROUP .....	8A
1	2P6224	CRANKSHAFT SEAL GROUP .....	9
6	9S8912	CONNECTING ROD AND PISTON GROUP .....	10
1	2P6202	CAMSHAFT GROUP .....	10
<u>UPPER STRUCTURE</u>			
1	2P6486	CYLINDER HEAD GROUP .....	11
	- OR -		
1	7N8536	CYLINDER HEAD GROUP .....	11B
1	2P6530	CYLINDER HEAD COVER GROUP .....	12
1	2P6546	CYLINDER HEAD FASTENER GROUP .....	12
	- OR -		
1	7N9536	CYLINDER HEAD FASTENER GROUP .....	12A
1	2P6526	VALVE MECHANISM GROUP .....	13
	- OR -		
1	7N8026	VALVE MECHANISM GROUP .....	13B
1	2P6516	VALVE MECHANISM COVER GROUP .....	14
1	6N8326	ENGINE LIFTING GROUP .....	13
<u>FRONT STRUCTURE</u>			
1	2P9641	FRONT HOUSING GROUP .....	14A
1	2P6528	FRONT HOUSING COVER GROUP .....	15
1	2P6498	FRONT HOUSING FASTENER GROUP .....	15
1	2P9642	FRONT TIMING GEAR GROUP .....	16
1	2P6246	TRUNNION GROUP .....	19
	- OR -		
1	7N9589	TRUNNION GROUP .....	19B
1	7N2887	PULLEY GROUP .....	17
1	2P7838	DAMPER GROUP .....	16
1	7N4348	ENGINE SUPPORT GROUP--FRONT .....	20
	- OR -		
1	7N9595	ENGINE SUPPORT GROUP--FRONT .....	20A
<u>REAR STRUCTURE</u>			
1	2P6166	FLYWHEEL HOUSING GROUP .....	22
		SERIAL No. 3N69600 TO 3N81093 & 3N83391--UP	
	- OR -		
1	8N5014	FLYWHEEL HOUSING GROUP .....	21B
		SERIAL No. 3N81094 TO 3N83390 INCLUSIVE	
1	7S7877	FLYWHEEL GROUP .....	21
<u>LOWER STRUCTURE</u>			
1	2P6152	OIL PAN GROUP .....	22
1	2P6200	OIL PAN FASTENER GROUP .....	23

## 7N1544 ENGINE ARRANGEMENT—Part 1

3306 Engine Serial No. 3N69600—Up. NOTE: WHEN ORDERING PARTS GIVE ENGINE ARRANGEMENT NUMBER AND SERIAL NUMBER

CONSISTS OF:			PAGE
<u>LUBRICATION SYSTEM</u>			
1	2P1784	ENGINE OIL PUMP GROUP .....	23
1	2P6105	ENGINE OIL LINES GROUP .....	25
1	2P6475	OIL FILTER GROUP .....	26
1	4N4817	OIL FILLER GROUP .....	26
1	1P4244	BREATHER GROUP .....	27
1	2P9609	OIL LEVEL GAUGE GROUP .....	27
<u>COOLING SYSTEM</u>			
1	7N5909	WATER PUMP GROUP .....	32
1	7N7211	WATER LINES GROUP .....	32B
1	2P6215	ENGINE OIL COOLER GROUP .....	29
1	2P7740	WATER LINES GROUP--ELBOW .....	33
<u>INTAKE &amp; EXHAUST SYSTEM</u>			
1	4N9169	TURBOCHARGER GROUP .....	36
1	6N443	TURBOCHARGER OIL LINES GROUP .....	38
1	7N3577	AIR LINES GROUP .....	40
1	4N9586	EXHAUST MANIFOLD FASTENER GROUP .....	43
1	6N164	EXHAUST MANIFOLD GROUP .....	43
<u>FUEL SYSTEM</u>			
1	1P2299	FUEL FILTER ASSEMBLY .....	53
1	4N9625	FUEL PRIMING PUMP GROUP .....	54
1	6N304	GOVERNOR & FUEL INJECTION PUMP GROUP ..	46
1	7N4016	FUEL INJECTION LINES GROUP .....	52
1	7N3616	DRAIN LINES GROUP .....	53
1	4N4510	GOVERNOR COVER GROUP .....	44
<u>ELECTRICAL SYSTEM</u>			
1	5S8501	GLOW PLUG GROUP .....	80

NOTE: REFER TO INDEX FOR PAGE LOCATION OF GASKET KITS

CATERPILLAR 977L TRACK LOADER

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8M9307	PLUG-----	1
2	6F7062	GASKET-----	1
3	5S6670	SEAL-----	18
4	2P8889	LINER-----	6

4	2P8776	BLOCK ASSEM.----- (Separate Illustration)	1
5	5M6214	PLUG-----	1
6	7H3171	PLUG-----	1
7	5M6213	PLUG-----	4
8	9L5854	BAND-----	6

C INDICATES CHANGE 206006

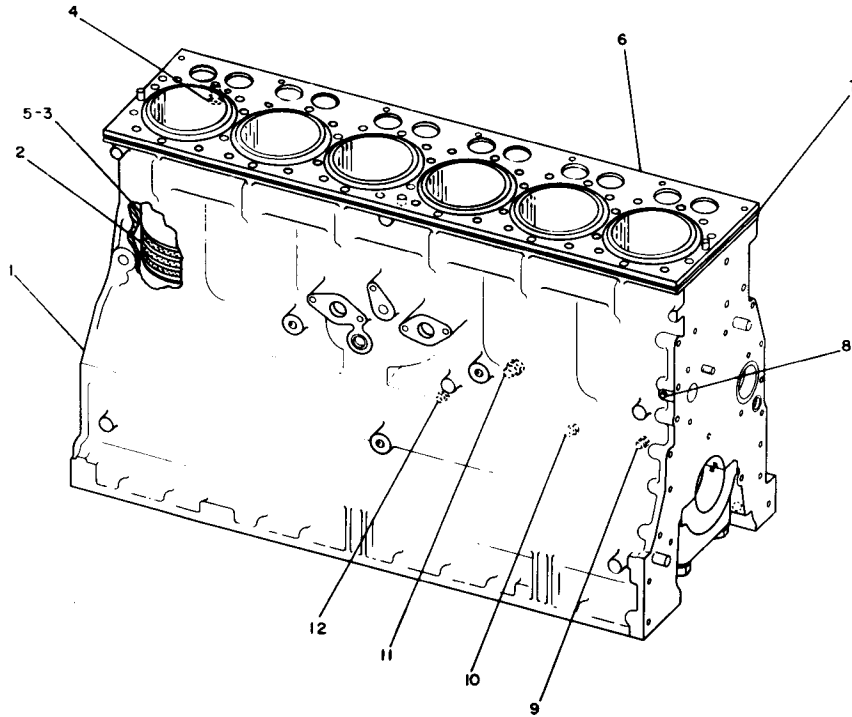
2P6560 CYLINDER BLOCK GROUP  
 Engine Serial No. 3N69600 to 3N79762 inclusive  
 2P8776 Cylinder Block parts are shown on Page 7

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1M130	COVER-----	1
1	4M6480	GASKET-----	1
2	1A2029	BOLT-----	2
3	L1351	BOLT-----	10
4	8L8662	COVER-----	1
5	5S8055	GASKET-----	1
5	4B3938	PLUG-----	1
6	2A3798	DOWEL-----	2
7	8S876	COVER-----	1
7	8S877	GASKET-----	1
8	5M2894	WASHER-----	12
9	8M3267	SCREW-----	1

C INDICATES CHANGE 216923

2P6517 CYLINDER BLOCK COVER GROUP  
 Engine Serial No. 3N69600 to 3N79762 inclusive

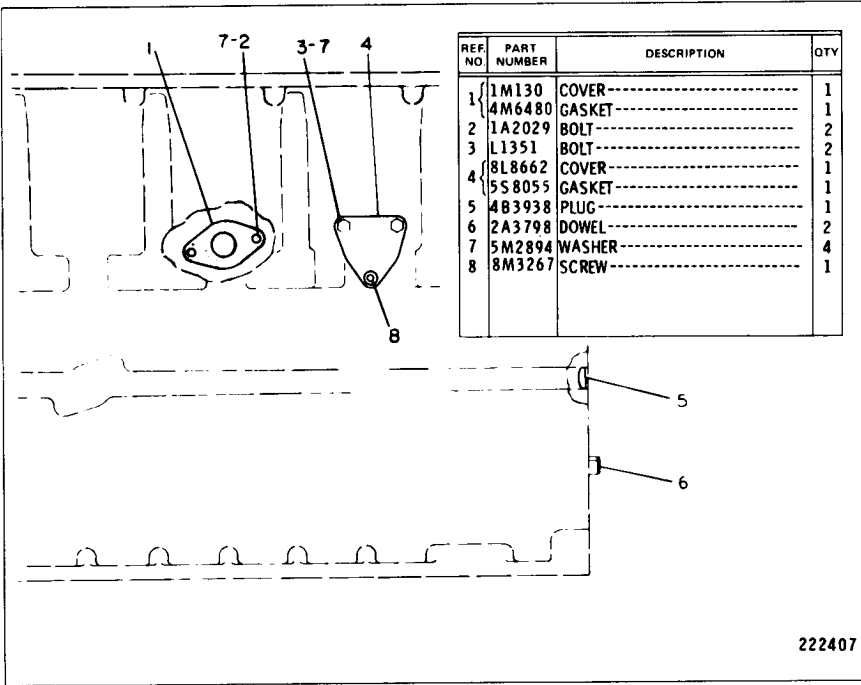
7N8016 CYLINDER BLOCK GROUP  
 Engine Serial No. 3N79763—Up  
 6N8124 Block parts are shown on Page 7B



REF NO	PART NUMBER	DESCRIPTION	QTY
1	6N8124	BLOCK ASSEM. ----- (Separate Illustration)	1
2	5S6670	SEAL -----	18
3	2P8889	LINER -----	6
4	3S5496	SEAL -----	1
5	9L5854	BAND -----	6
6	7N7998	PLATE -----	1
7	7N7997	GASKET -----	1
8	5M6214	PLUG -----	1
9	7H3171	PLUG -----	1
10	5M6213	PLUG -----	4
11	8M9307	PLUG -----	1
	6F7062	GASKET -----	1
12	3J5389	PLUG -----	2

222405

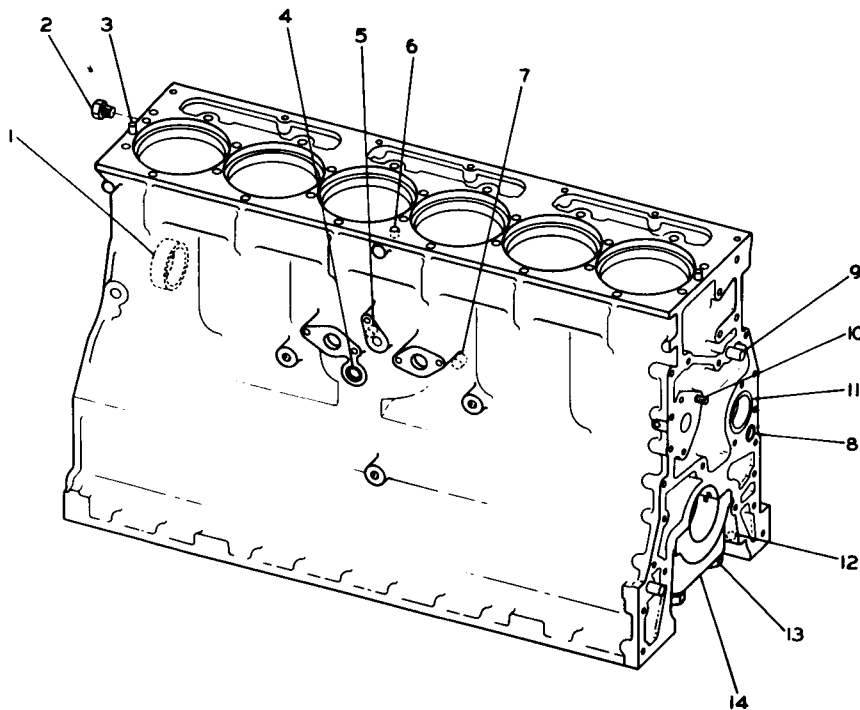
CATERPILLAR 977L TRACK LOADER



222407

7N1292 CYLINDER BLOCK COVER GROUP  
 Engine Serial No. 3N79763—Up

2P8776 CYLINDER BLOCK ASSEMBLY  
 Engine Serial No. 3N69600 to 3N79762 inclusive  
 Part of 2P6560 Cylinder Block Group shown on Page 6



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	7M4046	BEARING-----	4
2	5M6213	PLUG-----	1
3	8B1312	DOWEL-----	2
4	4B5387	PLUG-----	1
5	1H974	DOWEL-----	1
6	5B7652	DOWEL-----	2
7	8S835	DOWEL-----	1
	4B5387	PLUG-----24 mm(.944 in.) O. D.	1
8		-OR-	
C	4B3938	PLUG-----29 mm(1.14 in.) O. D.	1
9	8B6349	DOWEL-----	2
10	5S8462	STUD-----	1
11	9M5477	BEARING-----	1
12	4B9782	BALL-----	1
13	7S3224	BOLT-----	14
	2S5658	WASHER-----	14
14	1P2717	BEARING CAP-----	7

C INDICATES CHANGE

217486

BASIC ENGINE

## CATERPILLAR 977L TRACK LOADER

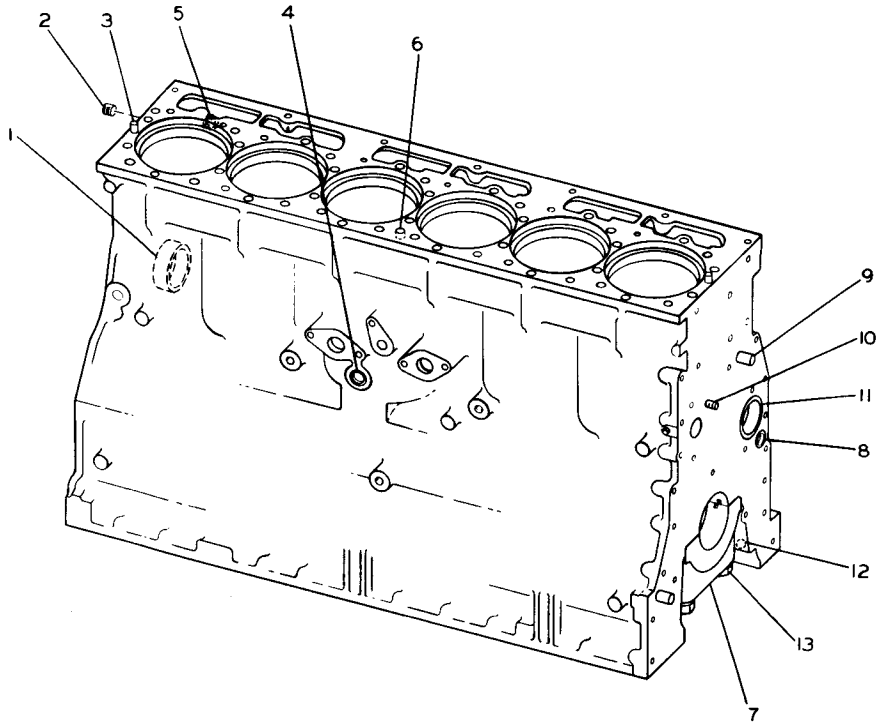
## CONSISTS OF:

1	8N3659	PLATE
1	7N7999	GASKET
1	8N3658	GASKET
2	3J5389	PLUG
6	7N8018	SEAL
18	7N8025	SEAL
7	5B9603	BOLT
2	7N9342	PLATE
2	7N9343	PLATE
2	4K4937	BOLT
2	323180	BOLT
2	S1585	BOLT
3	T65	BOLT
1	9S1366	BOLT
1	.....	FORM SMH27541

**8N6273 CYLINDER BLOCK HARDWARE KIT—Field Installation**  
**Engine Serial No. 3N79763—Up**  
**Provides the necessary hardware to allow a counterbore block**  
**To be serviced with a spacer plate block**



**6N8124 CYLINDER BLOCK ASSEMBLY**  
 Engine Serial No. 3N79763—Up  
 Part of 7N8016 Cylinder Block Group shown on Page 6A

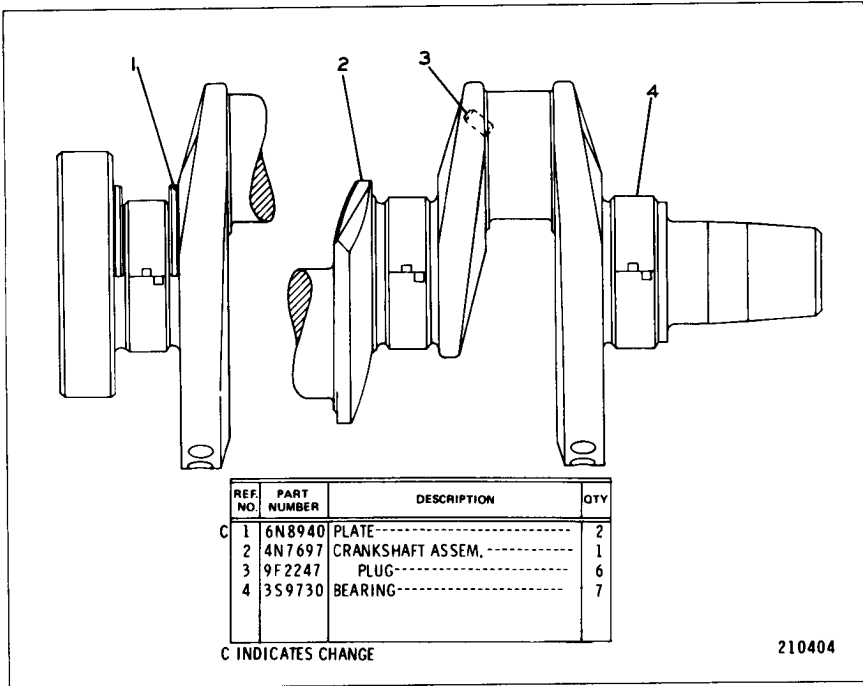


REF. NO	PART NUMBER	DESCRIPTION	QTY
1	7M4046	BEARING-----	4
2	2B858	PLUG-----	1
3	8K1207	DOWEL-----	2
4	4B5387	PLUG-----	1
5	1S9540	DOWEL-----	1
6	5B7652	DOWEL-----	2
7	6N8003	BEARING CAP-----	7
8	4B3938	PLUG-----	1
9	8B6349	DOWEL-----	2
10	5S8462	STUD-----	1
11	8N4110	BEARING-----	1
12	4B9782	BALL-----	1
13	7S3224	BOLT-----	14
	2S5658	WASHER-----	14
THE FOLLOWING REPAIR KIT IS AVAILABLE 6N7727 KIT---(cylinder block)-----			1
(Includes Orifice, Plugs, Dowels, Sleeve and Bolts) SMH56809 FORM----- (Installing Cylinder Block Service Group)			1

C INDICATES CHANGE

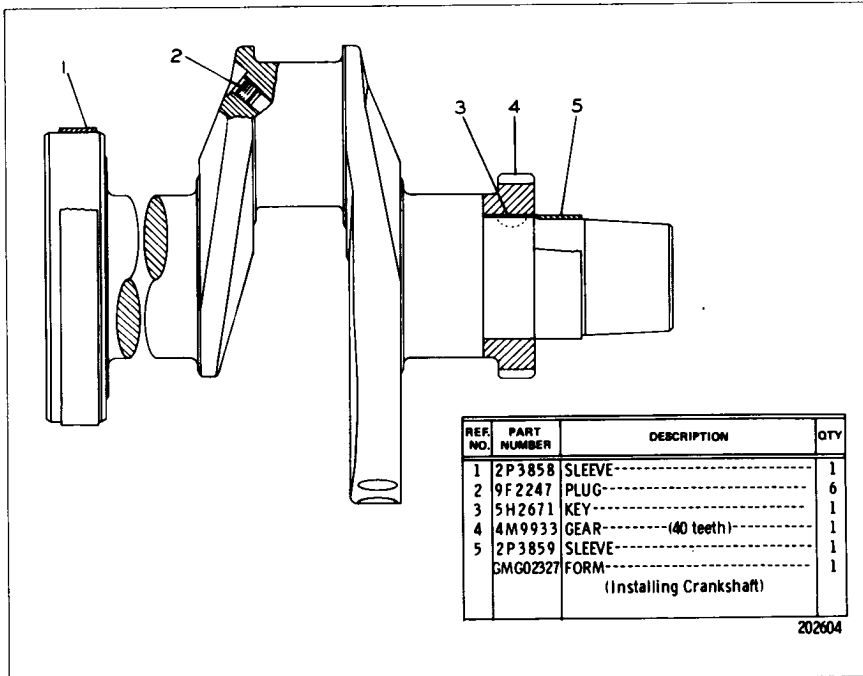
226957

CATERPILLAR 977L TRACK LOADER

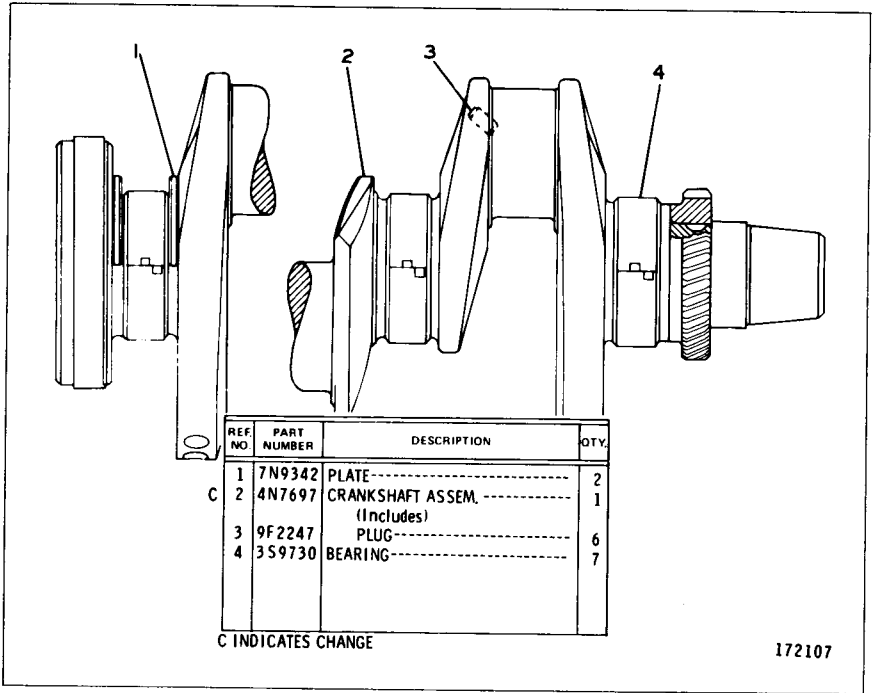


2P6222 CRANKSHAFT GROUP

Engine Serial No. 3N69600 to 3N79762 inclusive  
 4N7697 Crankshaft Assembly is replaced by 4N7693 shown on Page 8



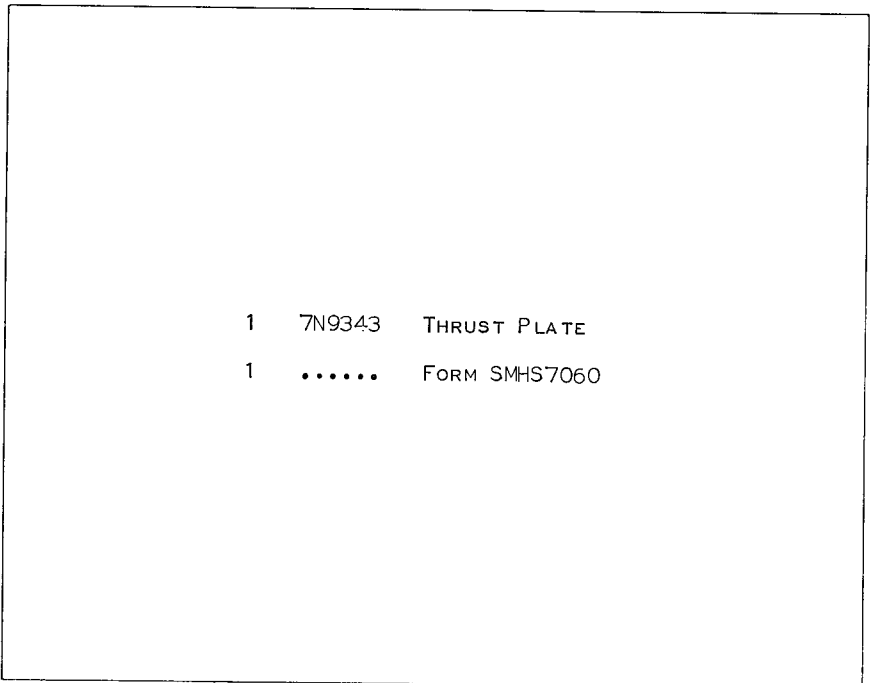
4N7693 CRANKSHAFT ASSEMBLY—Field Installation



6N8079 CRANKSHAFT GROUP

Engine Serial No. 3N79763—Up

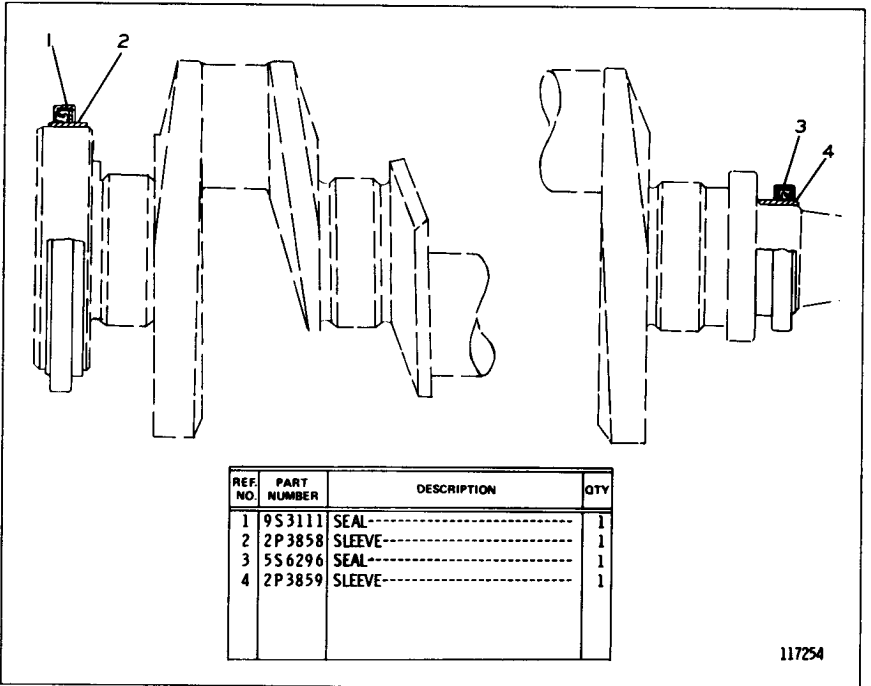
4N7697 Crankshaft Assembly is replaced by 4N7693 shown on Page 8



CRANKSHAFT SERVICE THRUST PLATE—Field Installation

Engine Serial No. 3N69600 to 3N79762 inclusive

Provides a thrust plate to be used in the event a "Wide" Thrust Journal Crankshaft is installed in a Spacer Plate Cylinder Block



117254

2P6224 CRANKSHAFT SEAL GROUP

- 7 4S8881 BEARING (.010 UNDERSIZE)
- 7 4S8883 BEARING (.020 UNDERSIZE)
- 7 4S8885 BEARING (.030 UNDERSIZE)

BEARINGS FOR REBORED CYLINDER BLOCK

- 7 6N3822 BEARING--MAIN (.020 OVERSIZE & .010 UNDERSIZE)
- 7 6N3823 BEARING--MAIN (.020 OVERSIZE)

CRANKSHAFT BEARING REPLACEMENTS

CATERPILLAR 977L TRACK LOADER

REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	8N3981	CAMSHAFT-----	1
2	7S2204	WASHER-----	1
3	8S1491	LOCK-----	1
4	S509	BOLT-----	2

C INDICATES CHANGE

226144

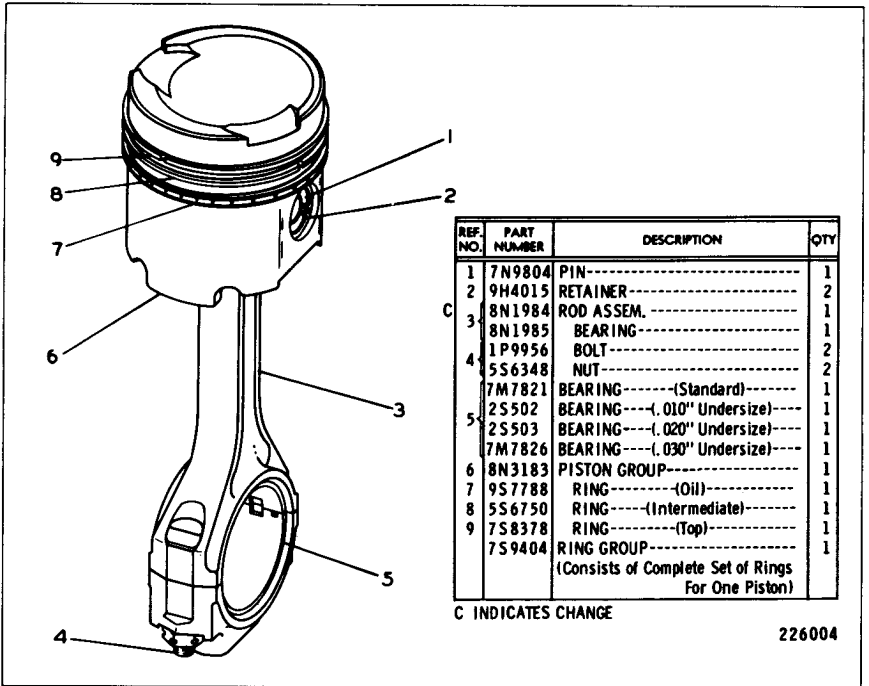
2P6202 CAMSHAFT GROUP

REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	7N9804	PIN-----	1
2	9H4015	RETAINER-----	2
C 3	6N8061	ROD ASSEM.-----	1
4	7S9347	BEARING-----	1
5	1P9956	BOLT-----	2
6	5S6348	NUT-----	2
7	7M7821	BEARING----- (Standard)	1
8	2S502	BEARING---(.010" Undersize)---	1
9	2S503	BEARING---(.020" Undersize)---	1
10	7M7826	BEARING---(.030" Undersize)---	1
C 6	8N3183	PISTON GROUP-----	1
7	9S7788	RING----- (Oil)	1
8	5S6750	RING----- (Intermediate)	1
9	7S8378	RING----- (Top)	1
10	7S9404	RING GROUP----- (Consists of Complete Set of Rings For One Piston)	1

C INDICATES CHANGE

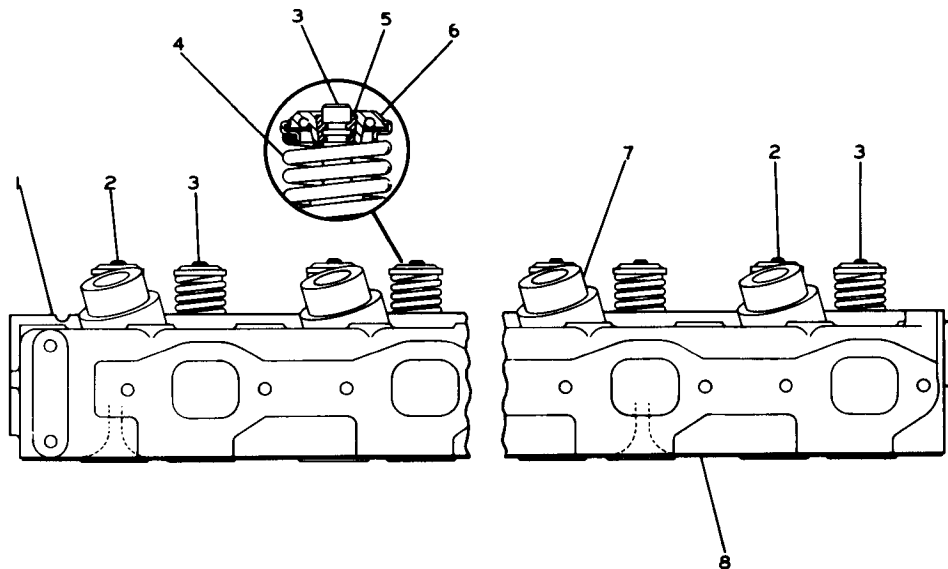
222701

9S8912 CONNECTING ROD AND PISTON GROUP—6 Required  
Engine Serial No. 3N89426 to 3N89426 inclusive



9S8912 CONNECTING ROD AND PISTON GROUP—6 Required  
 Engine Serial No. 3N89427—Up

2P6486 CYLINDER HEAD GROUP  
 Engine Serial No. 3N69600 to 3N75983 inclusive  
 6N8889 Head parts are shown on Page 11C

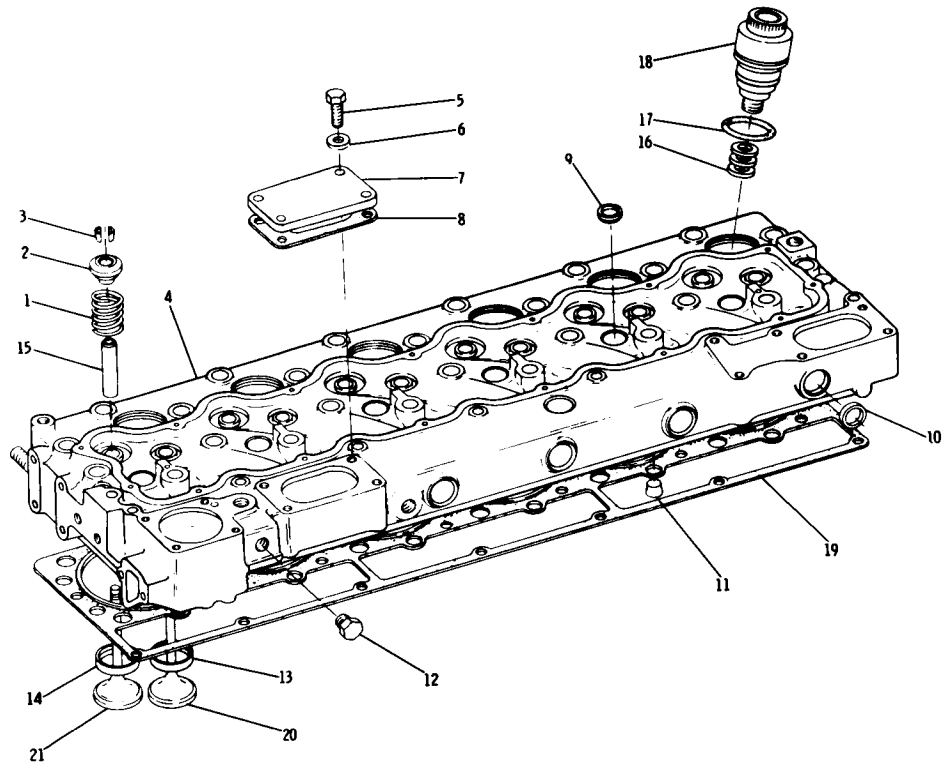


REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	6N8889	HEAD ASSEM.----- (Separate Illustration)	1
2	5S6452	VALVE----- (intake)-----	6
3	5S7232	VALVE----- (exhaust)-----	6
4	7S7144	SPRING-----	12
5	2A4429	LOCK-----	24
6	5S5874	ROTOCOIL-----	12
	8S3970	CHAMBER ASSEM.-----	6
	7S3206	SEAL-----	6
C 7	5M2667	GASKET---4.93 mm(.194 in.) thick	6
C 7	2S8959	GASKET---5.66 mm(.223 in.) thick	6
C 7	2S8960	GASKET---6.3 mm(.248 in.) thick	6
C 8	5S6281	GASKET-----	1

C INDICATES CHANGE

215310

BASIC ENGINE



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	7S7144	SPRING-----	12
2	5S5874	ROTOCOIL-----	12
3	2A4429	LOCK-----	24
4	6N8120	HEAD ASSEM.-----	1
C (Includes)			
5	S1594	BOLT-----	4
6	5M2894	WASHER-----	4
7	1P6367	COVER-----	1
8	5S6735	GASKET-----	1
9	3B623	PLUG-----	6
10	3S8313	PLUG-----	7
11	1S3062	DIRECTOR-----	18
12	2B858	PLUG-----	3
13	7N4448	INSERT-----(-intake)-	6
14	5S7221	INSERT-----(-exhaust)-	6
15	2P1262	GUIDE-----	12
16	5M2667	GASKET---4.93 mm(.194 in.) thick	6
16	2S8959	GASKET---5.66 mm(.223 in.) thick	6
16	2S8960	GASKET---6.3 mm(.248 in.) thick	6
17	7S3206	SEAL-----	6
18	8S3970	CHAMBER ASSEM.-----	6
19	6N7263	GASKET-----	1
20	5S6452	VALVE-----(-intake)-	6
21	5S7232	VALVE-----(-exhaust)-	6

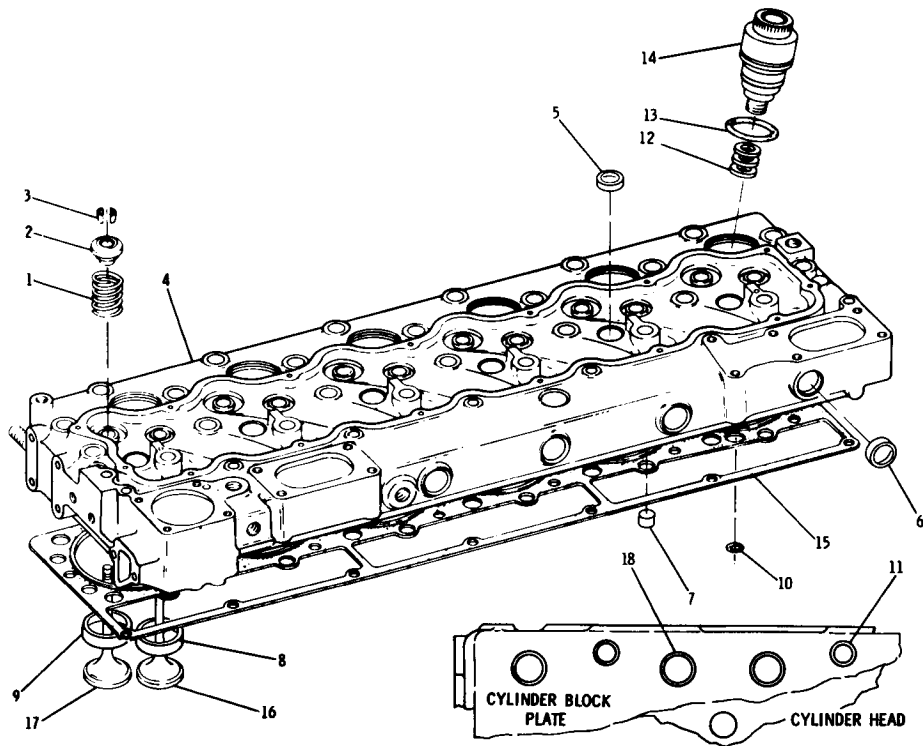
C INDICATES CHANGE

216924

2P6486 CYLINDER HEAD GROUP  
 Engine Serial No. 3N75984 to 3N79762 inclusive



**7N8536 CYLINDER HEAD GROUP**  
 Engine Serial No. 3N79763 to 3N91962 inclusive  
 8N1187 Cylinder Head parts are shown on Page 11D

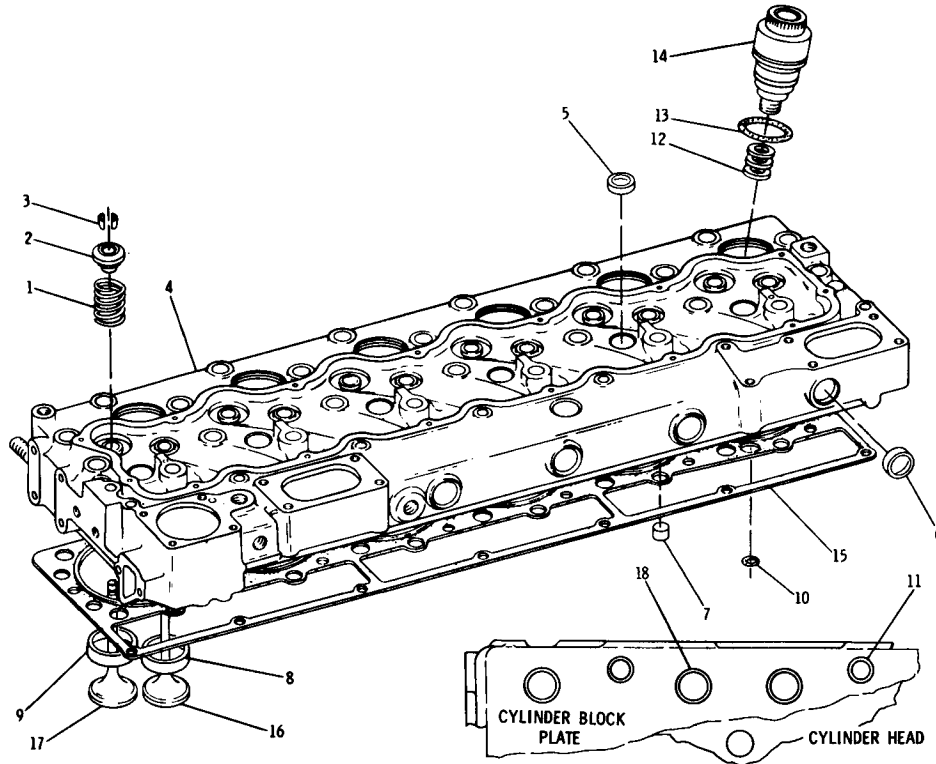


REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	7S7144	SPRING-----	12
2	5S5874	ROTOCOIL ASSEM.-----	12
3	2A4429	LOCK-----	24
4	8N1187	HEAD GROUP----- (Separate Illustration)	1
5	3B623	PLUG-----	6
6	3S8313	PLUG-----	7
7	1S3062	DIRECTOR-----	18
8	7N4448	INSERT----- (intake)	6
9	1P6837	INSERT----- (exhaust)	6
10	3S5496	SEAL-----	1
11	7N8018	SEAL-----	6
12	5M2667	GASKET--4.93mm (.194 in.) thick	6
	2S8959	GASKET--5.66mm (.223 in.) thick	6
	2S8960	GASKET--6.3 mm (.248 in.) thick	6
13	7S3206	SEAL-----	6
14	8S3970	CHAMBER ASSEM.-----	6
15	7N7999	GASKET-----	1
16	5S6452	VALVE----- (intake)	6
17	5S7232	VALVE----- (exhaust)	6
18	7N8025	SEAL-----	18

C INDICATES CHANGE

223141

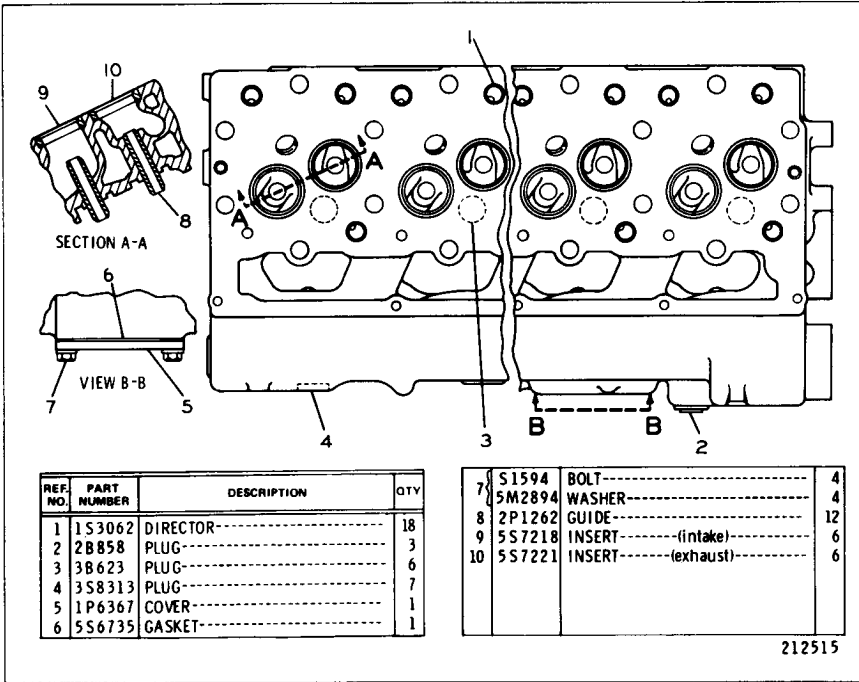
7N8536 CYLINDER HEAD GROUP  
 Engine Serial No. 3N91963—Up  
 8N1187 Cylinder Head parts are shown on Page 11D



REF NO	PART NUMBER	DESCRIPTION	QTY.
1	7 57144	SPRING-----	12
2	8N7782	ROTOCOIL ASSEM.-----	12
3	2A4429	LOCK-----	24
4	8N1187	HEAD GROUP----- (Separate Illustration)	1
5	3B623	PLUG-----	6
6	3S8313	PLUG-----	7
7	1S3062	DIRECTOR-----	18
8	7N4448	INSERT----- (intake)	6
9	1P6837	INSERT----- (exhaust)	6
10	3S5496	SEAL-----	1
11	7N8018	SEAL-----	6
	5M2667	GASKET--4.93mm (.194 in.) thick	6
12	2S8959	GASKET--5.66mm (.223 in.) thick	6
	2S8960	GASKET--6.3 mm (.248 in.) thick	6
13	7S3206	SEAL-----	6
14	8S3970	CHAMBER ASSEM.-----	6
15	7N7999	GASKET-----	1
16	5S6452	VALVE----- (intake)	6
17	5S7232	VALVE----- (exhaust)	6
18	7N8025	SEAL-----	18

C INDICATES CHANGE

176804

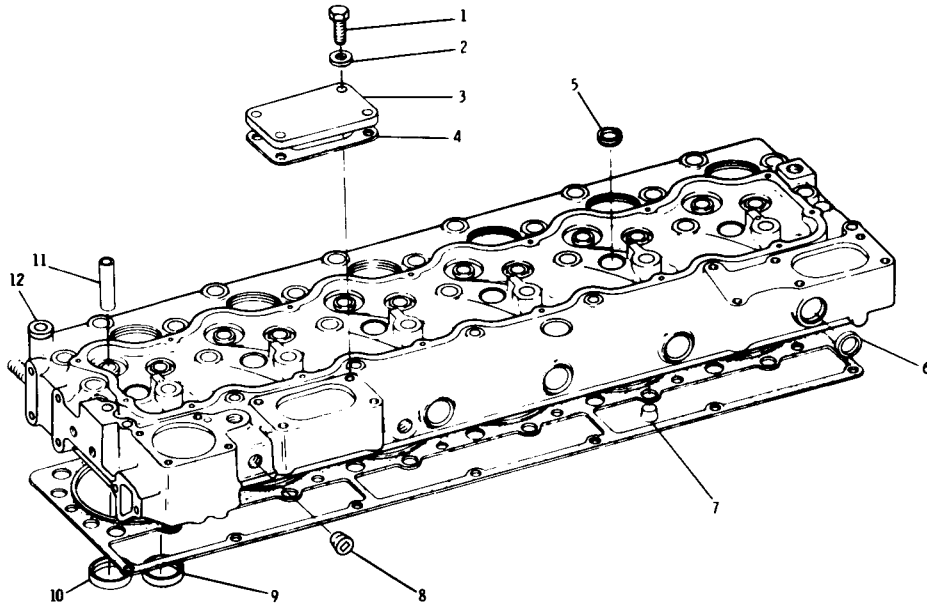


6N8889 CYLINDER HEAD ASSEMBLY

Engine Serial No. 3N69600 to 3N75983 inclusive

Part of 2P6486 Cylinder Head Group shown on Page 11

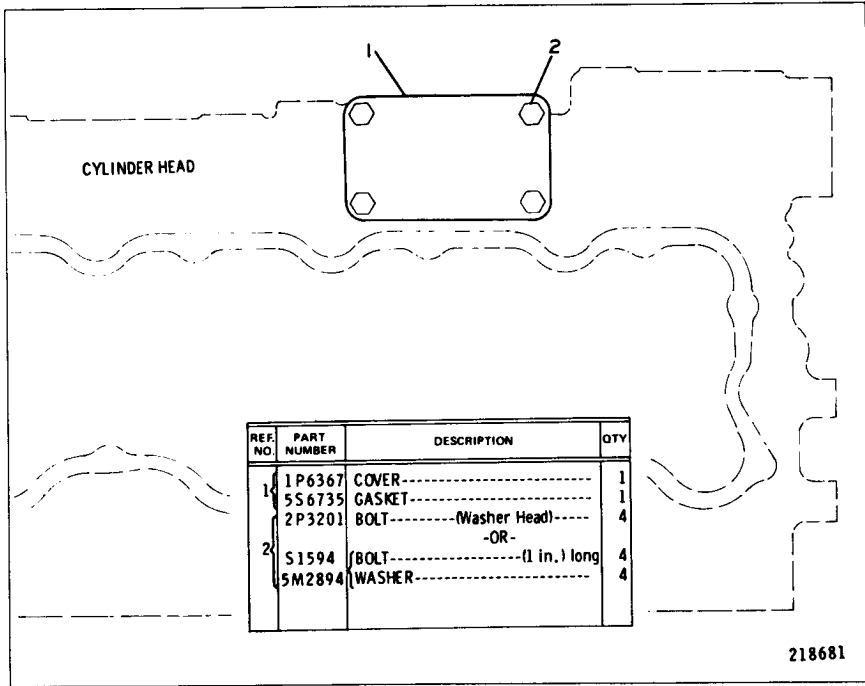
**8N1187 CYLINDER HEAD GROUP**  
 Engine Serial No. 3N79763—Up  
 Part of 7N8536 Cylinder Head Group shown on Page 11B



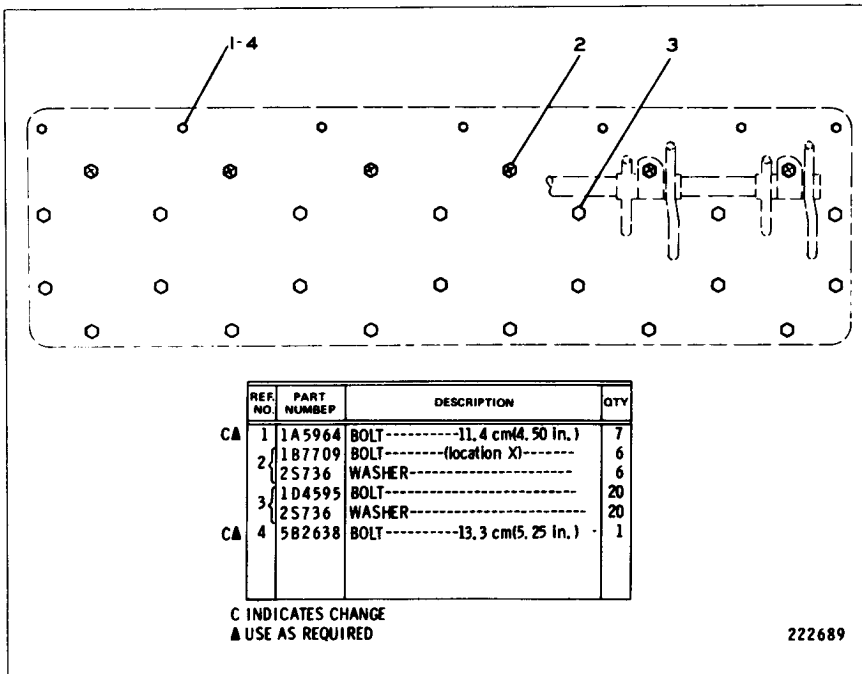
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	S1594	BOLT-----	4
2	5M2894	WASHER-----	4
3	1P6367	COVER-----	1
4	5S6735	GASKET-----	1
5	3B623	PLUG-----	6
6	3S8313	PLUG-----	7
7	1S3062	DIRECTOR-----	18
8	2B858	PLUG-----	3
9	7N4448	INSERT----- (intake)	6
10	5S7221	INSERT----- (exhaust)	6
11	2P1262	GUIDE-----	12
12	7N2597	SPACER-----	1

223144

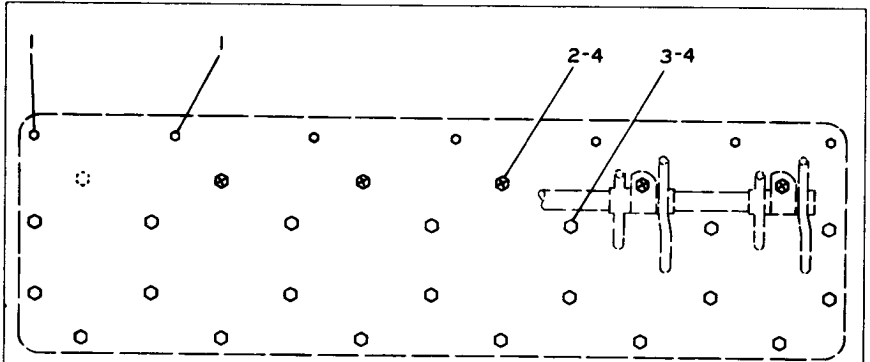
CATERPILLAR 977L TRACK LOADER



2P6530 CYLINDER HEAD COVER GROUP



2P6546 CYLINDER HEAD FASTENER GROUP  
 Engine Serial No. 3N69600 to 3N79762 inclusive

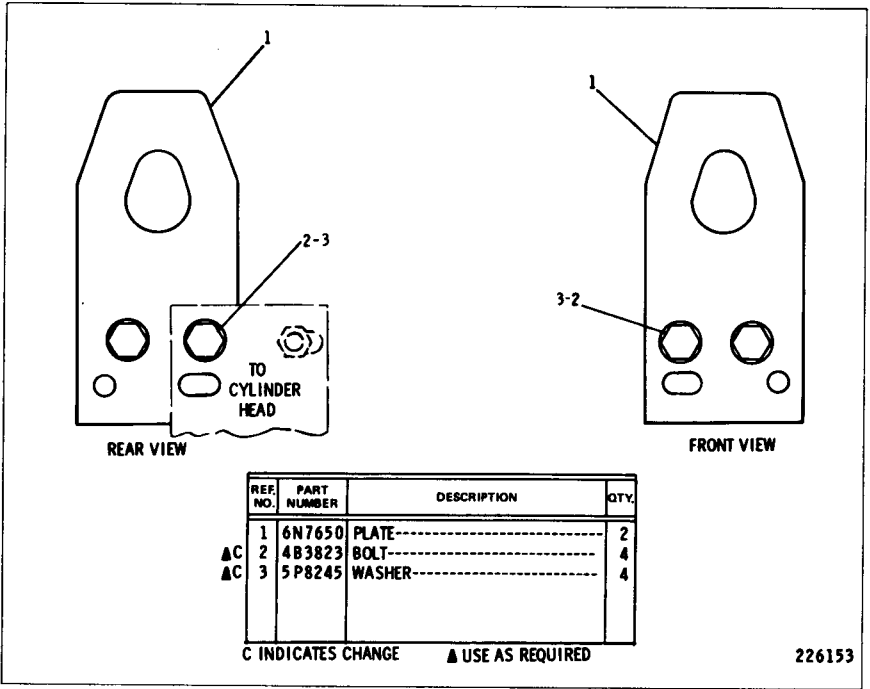


REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	589603	BOLT----12.7 cm(5 in. long)-----	7
C 2	187709	BOLT----- (location X)-----	5
3	1D4595	BOLT----- (Use as Required)	20
C 4	2S736	WASHER-----	25

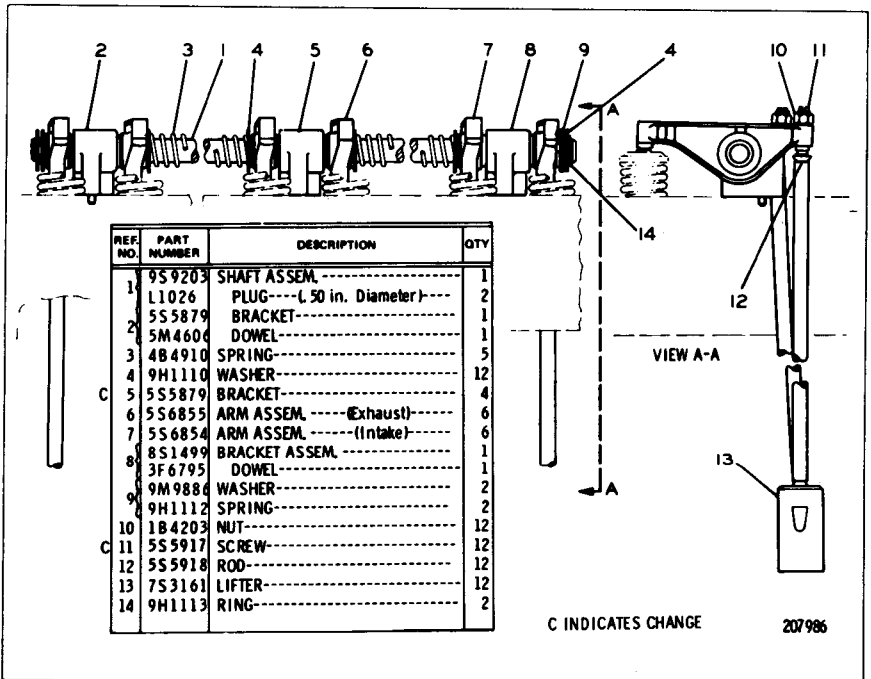
C INDICATES CHANGE

226521

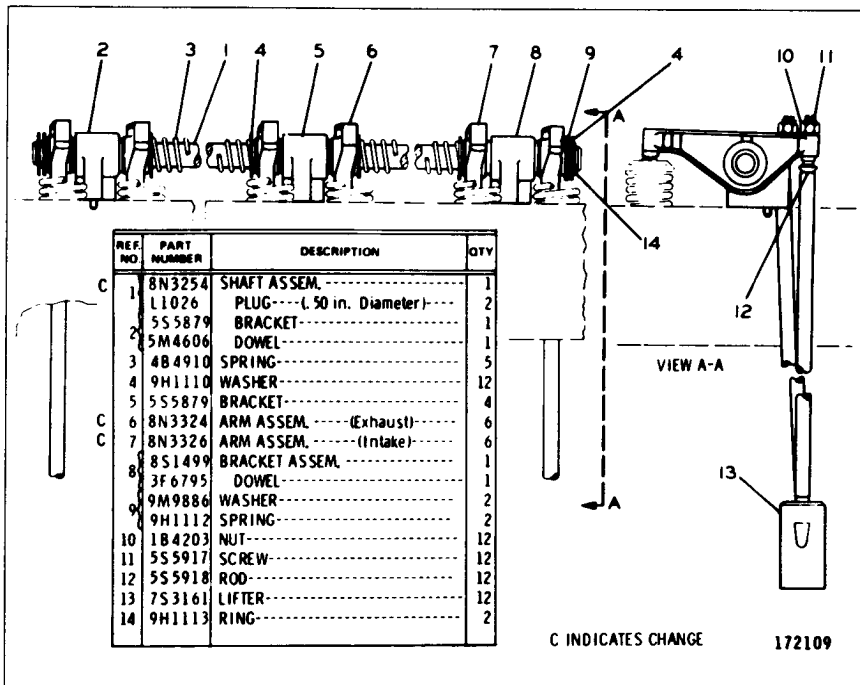
7N9536 CYLINDER HEAD FASTENER GROUP  
Engine Serial No. 3N79763—Up



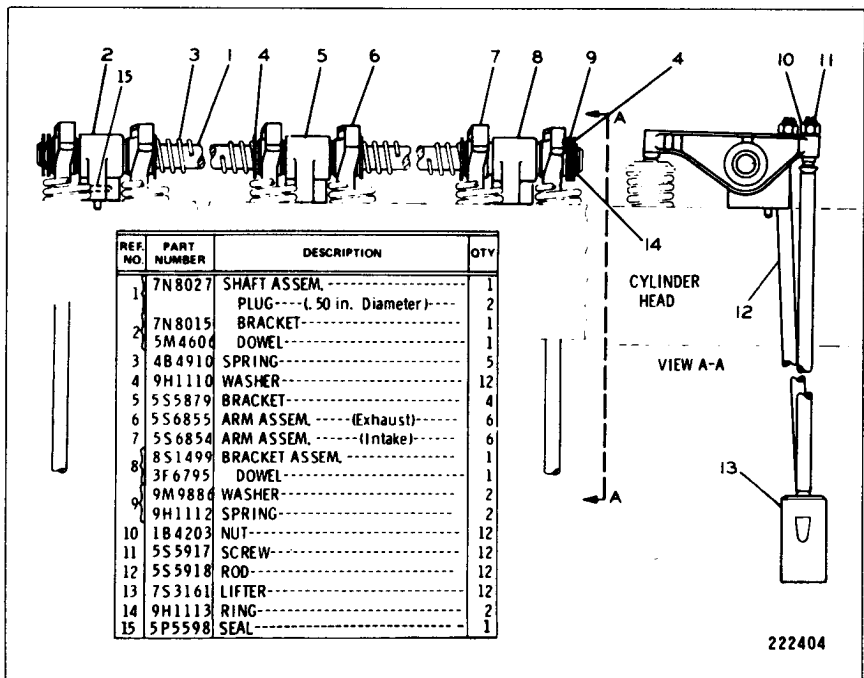
6N8326 ENGINE LIFTING GROUP



2P6526 VALVE MECHANISM GROUP  
 Engine Serial No. 3N69600 to 3N78910 inclusive



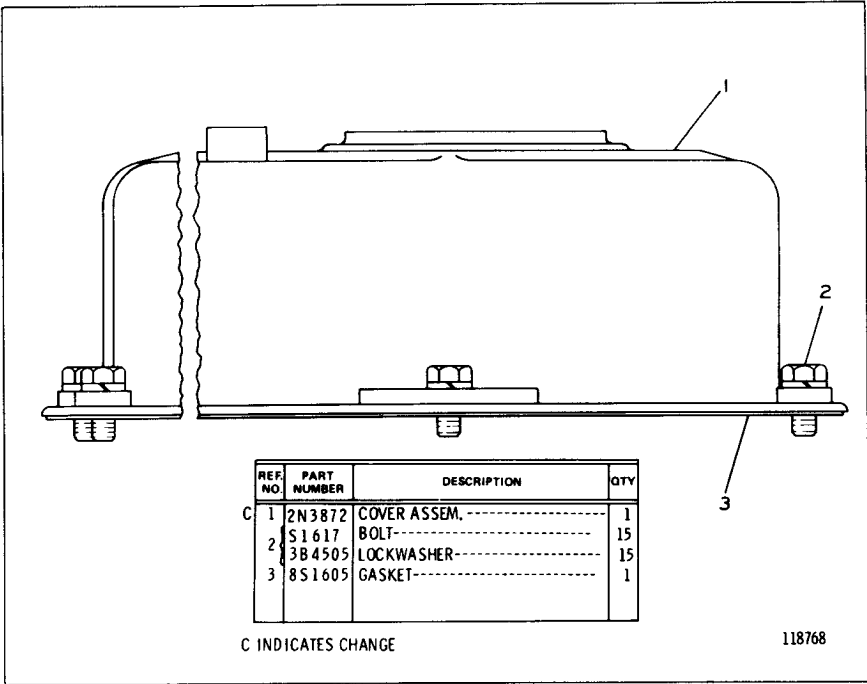
2F6526 VALVE MECHANISM GROUP  
 Engine Serial No. 3N78911 to 3N79762 inclusive



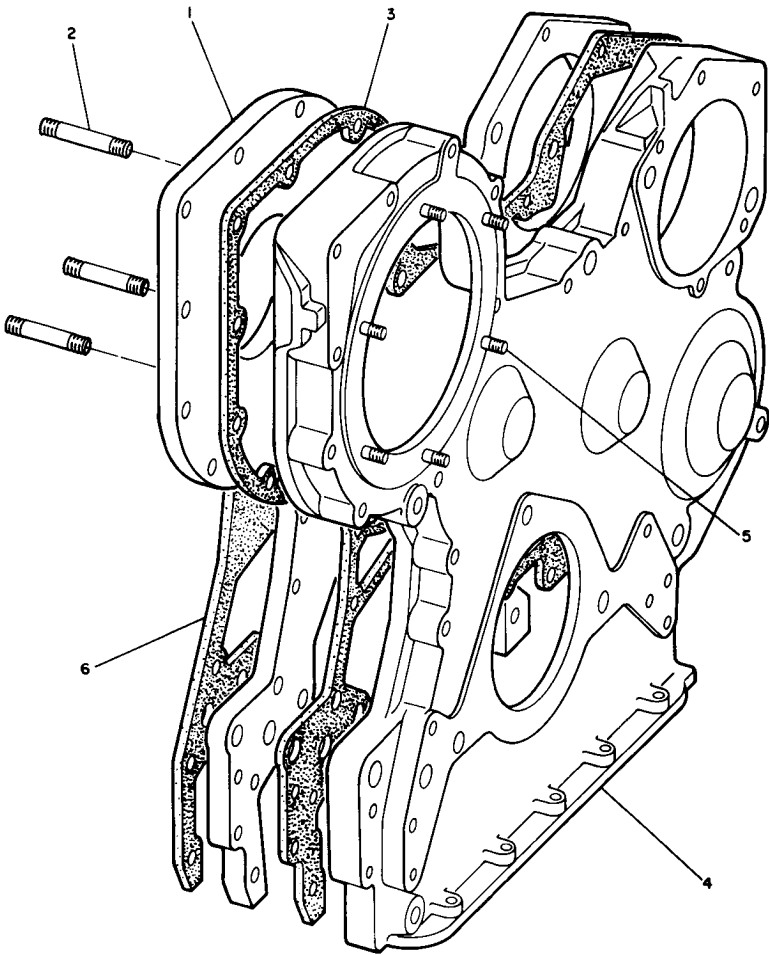
7N8026 VALVE MECHANISM GROUP  
 Engine Serial No. 3N79763—Up



CATERPILLAR 977L TRACK LOADER



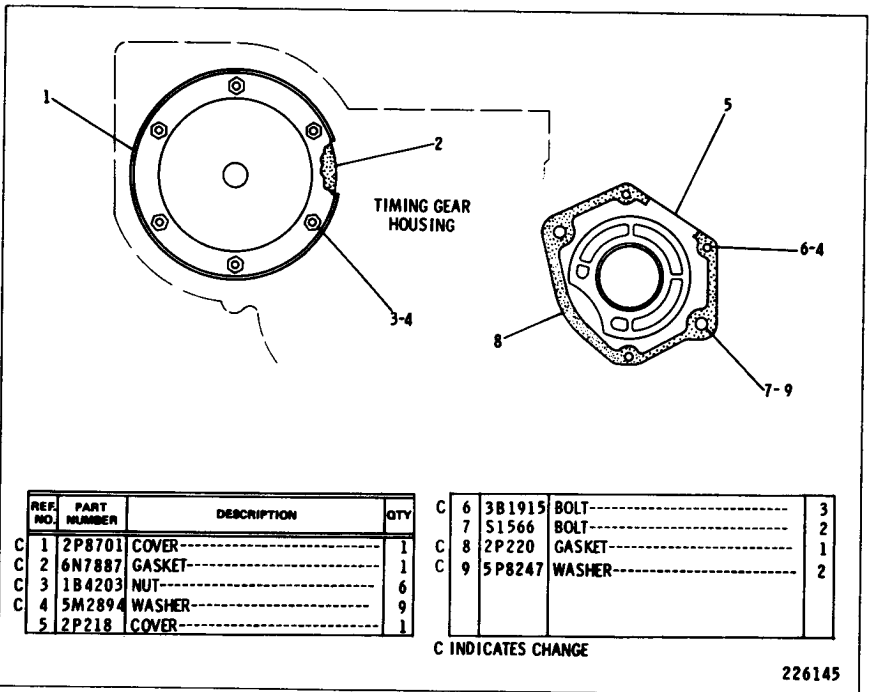
2P6516 VALVE MECHANISM COVER GROUP



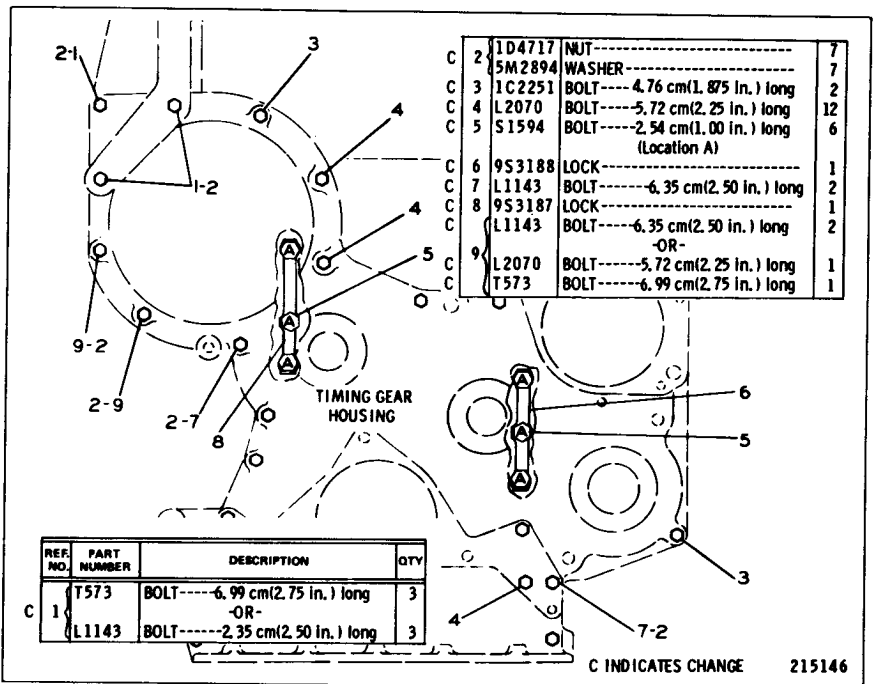
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	6N9060	PLATE ASSEM. ----- (Includes)	1
2	4M8743	STUD-----	3
3	2P1274	GASKET-----	1
4	6N8056	HOUSING ASSEM. ----- (Includes)	1
5	2S42	STUD-----	6
6	2P1273	GASKET-----	1

222876

2P9641 FRONT HOUSING GROUP

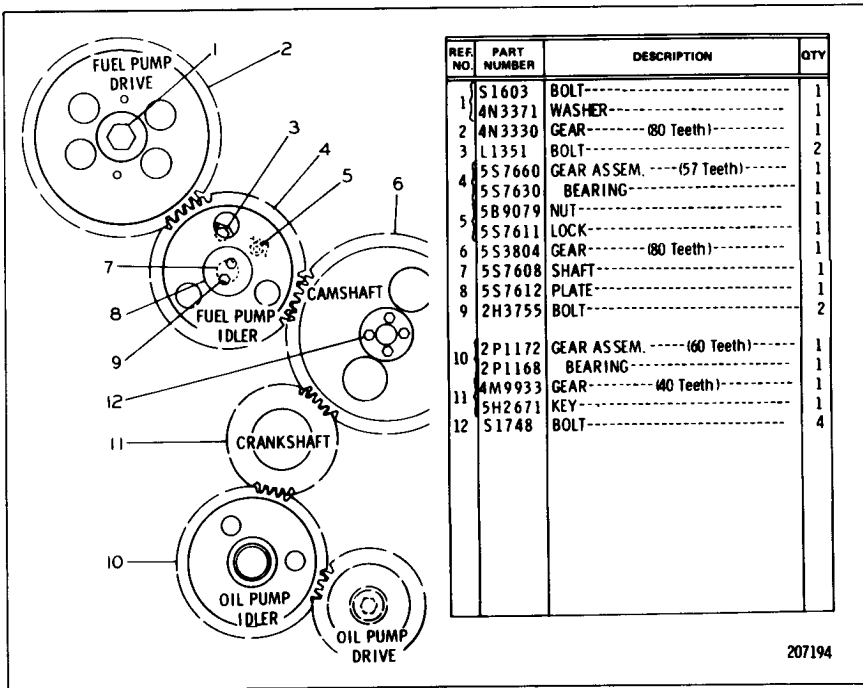


2P6528 FRONT HOUSING COVER GROUP



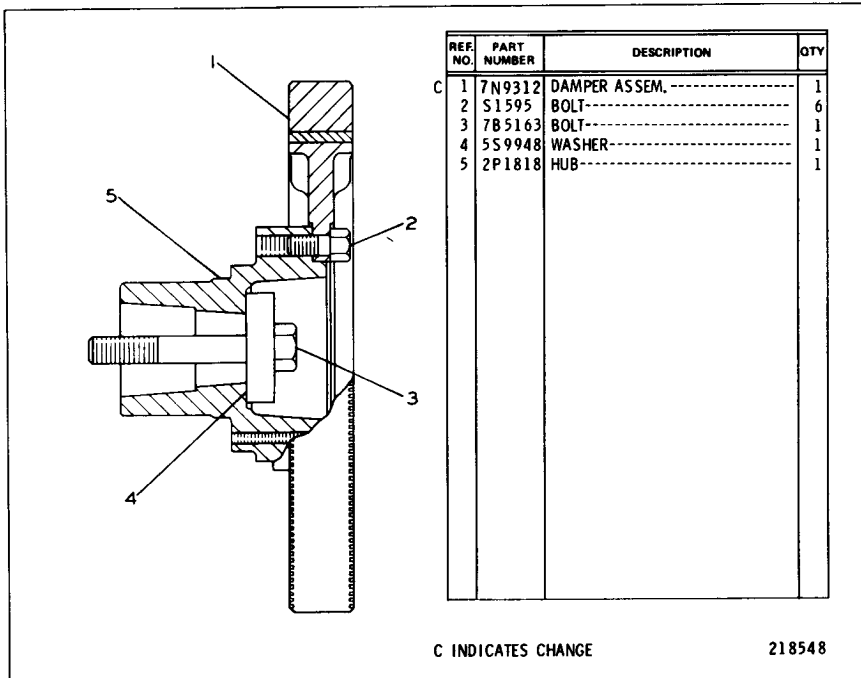
2P6498 FRONT HOUSING FASTENER GROUP

CATERPILLAR 977L TRACK LOADER



207194

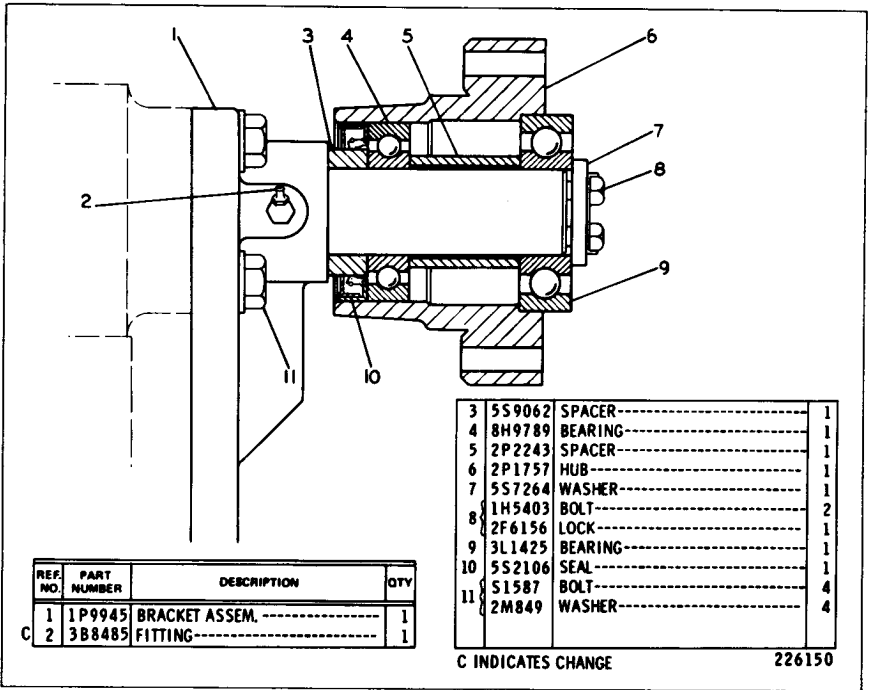
2P9642 FRONT TIMING GEAR GROUP



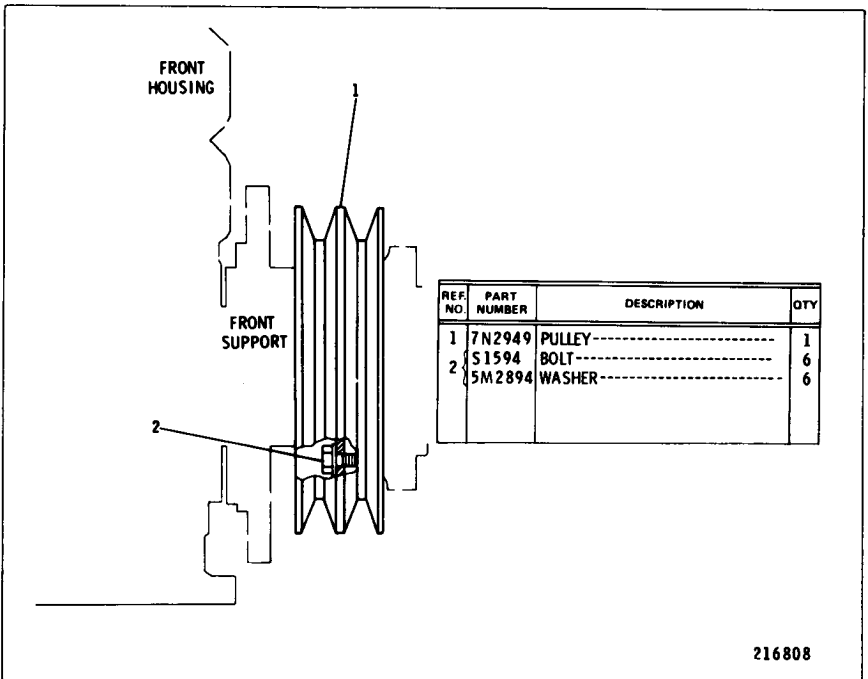
C INDICATES CHANGE

218548

2P7838 DAMPER GROUP



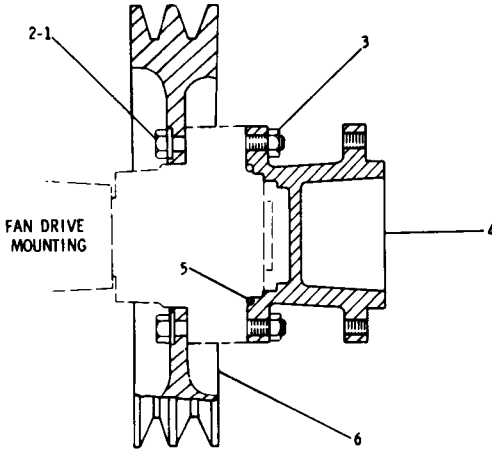
2P7831 FAN DRIVE GROUP



7N2887 CRANKSHAFT PULLEY GROUP

Note: 7M4719 Vee Belt Set, consists of 2 belts, is used

CATERPILLAR 977L TRACK LOADER

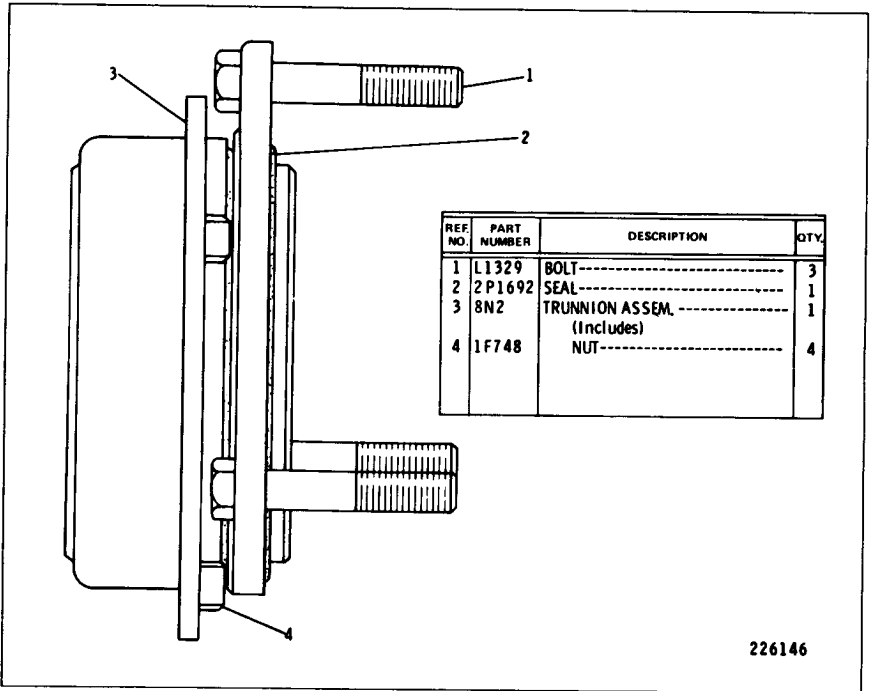


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	T537	BOLT-----	6
2	5M2894	WASHER-----	6
3	1D4717	NUT-----	6

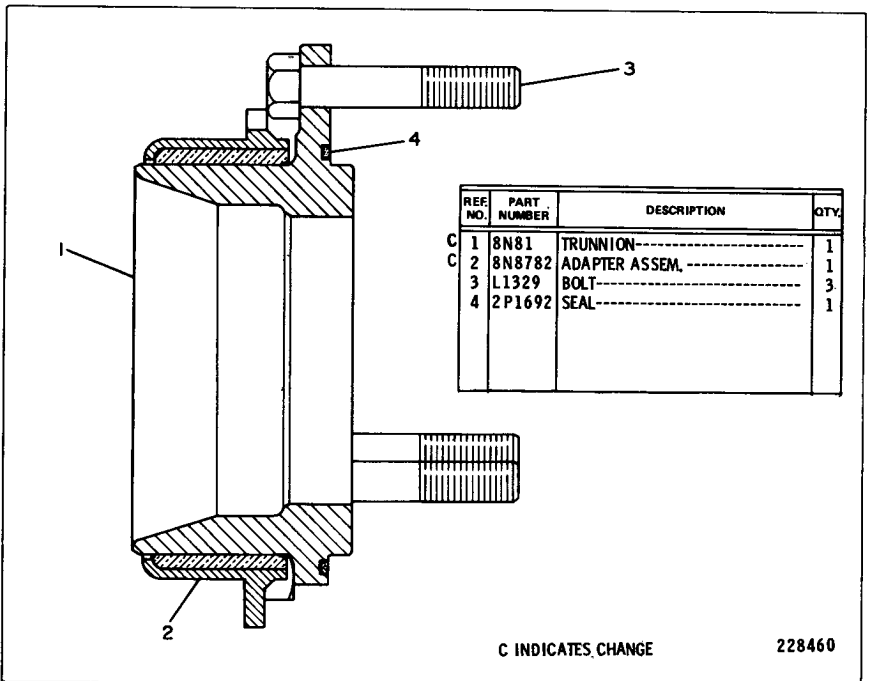
4	1P1370	ADAPTER-----	1
5	9F4446	SEAL-----	1
6	2P2406	PULLEY-----	1

218767

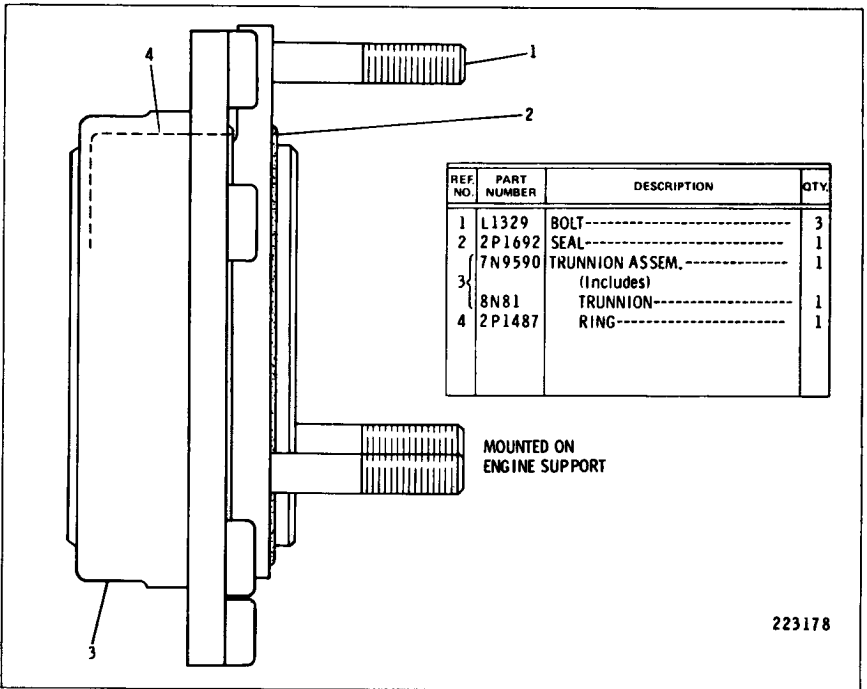
7N3881 FAN PULLEY GROUP



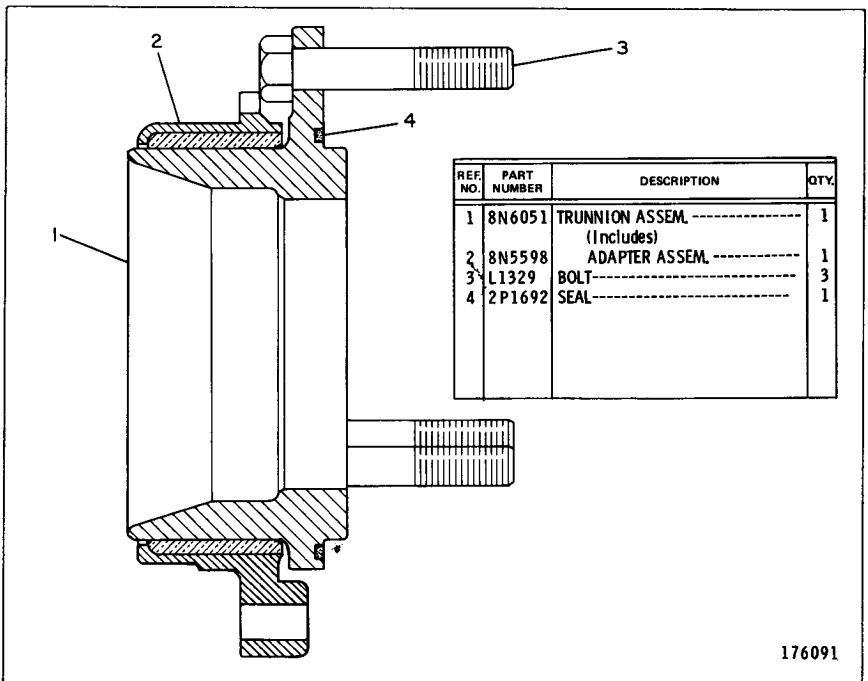
2P6246 TRUNNION GROUP  
Engine Serial No. 3N69600 to 3N90666 inclusive



2P8943 TRUNNION GROUP  
Engine Serial No. 3N69600 to 3N90666 inclusive  
Part of 2P8948 Steel Mill Arrangement listed on Page 3. AN ATTACHMENT

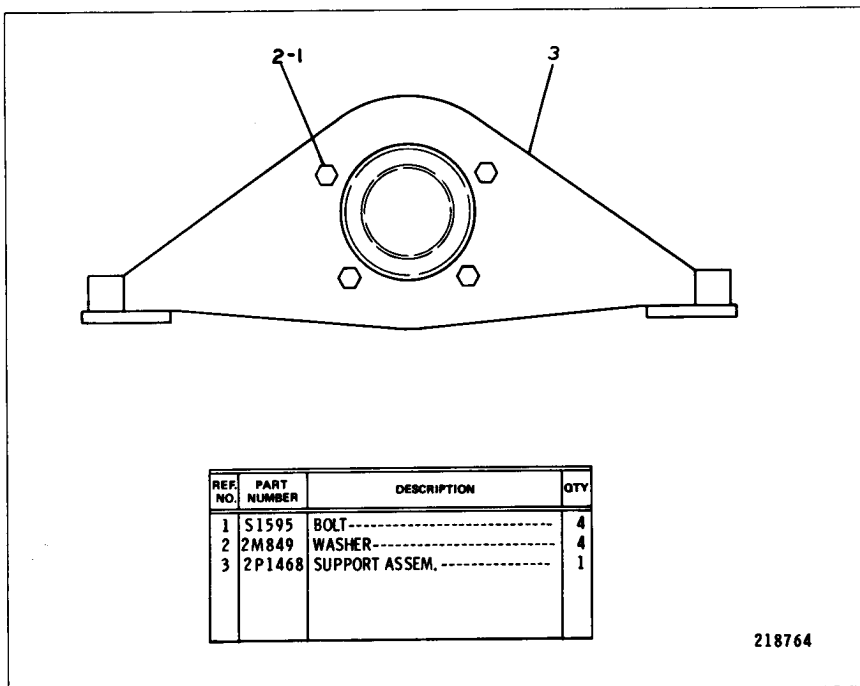


7N9589 TRUNNION GROUP  
Engine Serial No. 3N90667—Up

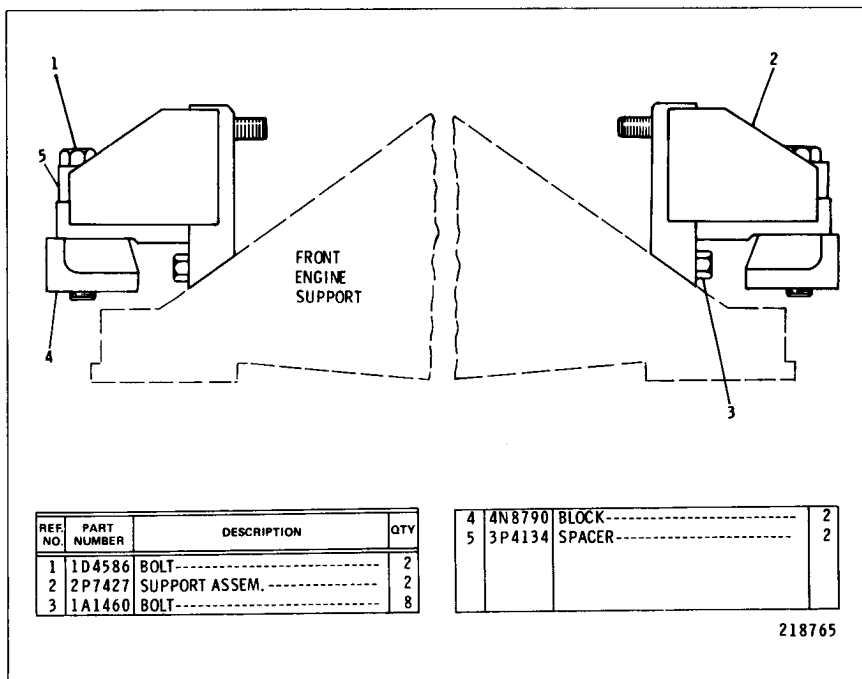


8N5688 TRUNNION GROUP  
Engine Serial No. 3N90667—Up  
Part of 9P3314 Steel Mill Arrangement listed on Page 141

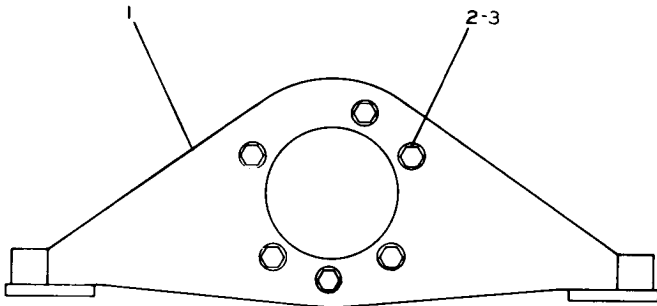




7N4348 FRONT ENGINE SUPPORT GROUP  
 Engine Serial No. 3N69600 to 3N90666 inclusive



7N4349 REAR ENGINE SUPPORT GROUP



REF NO	PART NUMBER	DESCRIPTION	QTY.
1	7N9596	SUPPORT ASSEM.-----	1
2	S1585	BOLT-----	6
3	5P8245	WASHER-----	6

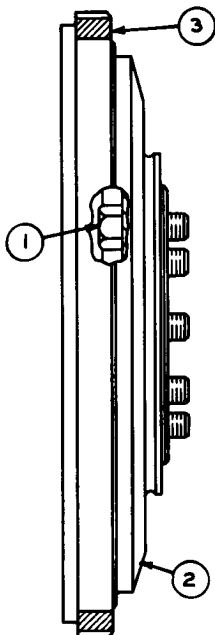
223179

7N9595 FRONT ENGINE SUPPORT GROUP  
Engine Serial No. 3N90667—Up

CONSISTS OF:

- 4 1A458 BOLT--REAR SUPPORT TO FRAME
- 2 7F5227 BOLT--FRONT SUPPORT ASSEMBLY TO FRAME
- 2 2J3506 NUT--FRONT SUPPORT ASSEMBLY TO FRAME
- 4 2S115 WASHER--FRONT SUPPORT ASSEMBLY TO FRAME

4S6967 ENGINE MOUNTING HARDWARE GROUP



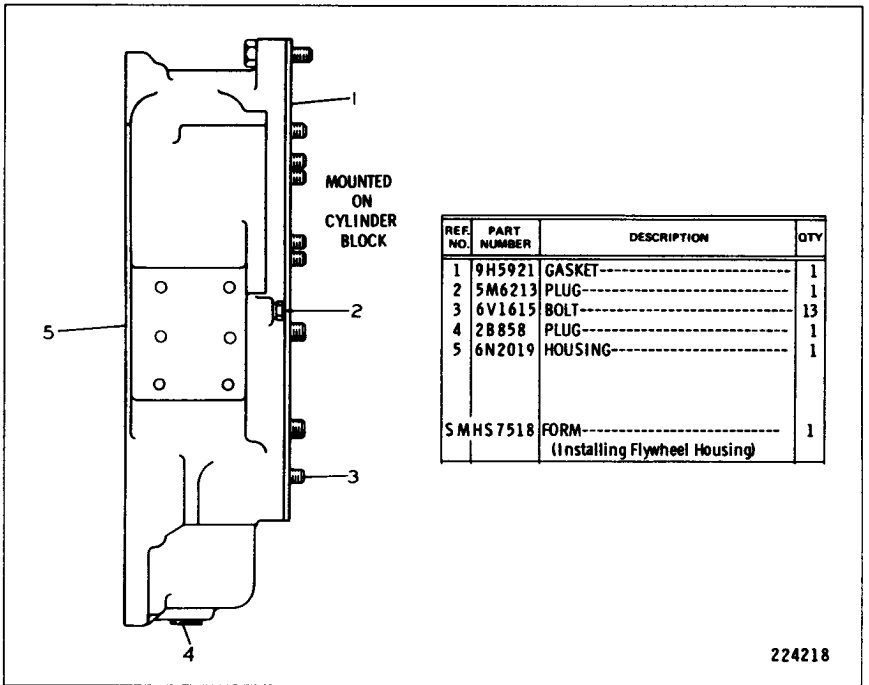
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	2L1701	BOLT-----	9
2	2P4629	FLYWHEEL ASSEM.-----	1
3	7N9145	GEAR----- (130 Teeth)-----	1

C

C INDICATES CHANGE

226158

7S7877 FLYWHEEL GROUP



8N5014 FLYWHEEL HOUSING GROUP

CATERPILLAR 977L TRACK LOADER

MOUNTED ON CYLINDER BLOCK

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	9H5921	GASKET-----	1
2	5M6213	PLUG-----	1
3	S1587	BOLT-----	13
C 4	2B858	PLUG-----	1
C 5	6N2019	HOUSING-----	1

C INDICATES CHANGE

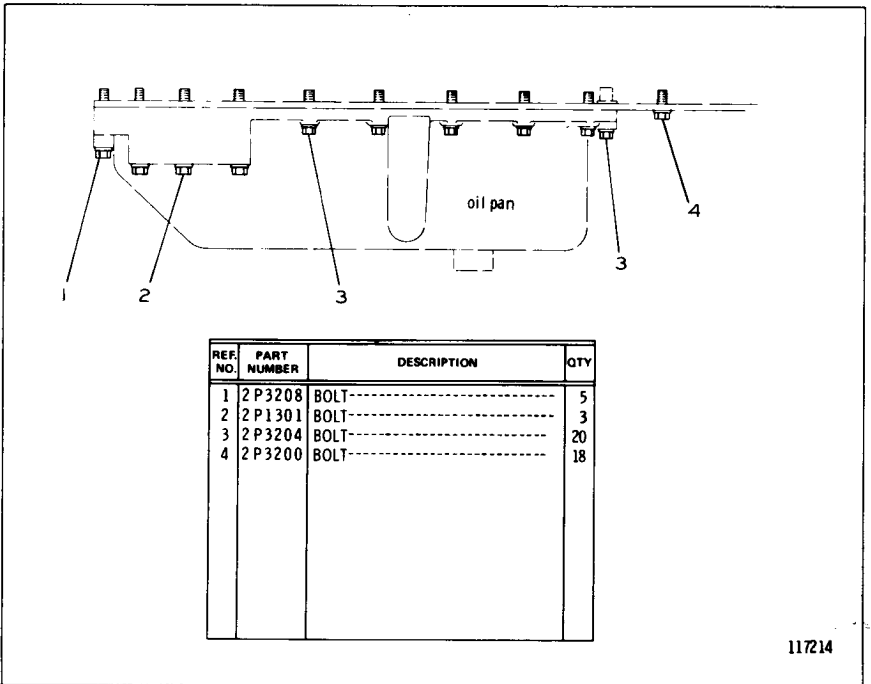
209653

2P6166 FLYWHEEL HOUSING GROUP

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4M2969	GASKET-----	1
2	8S1965	GASKET-----	1
3	9S5417	PAN-----	1
4	4B7739	PLUG-----	1
5	2P1738	PLATE ASSEM.-----	1

117213

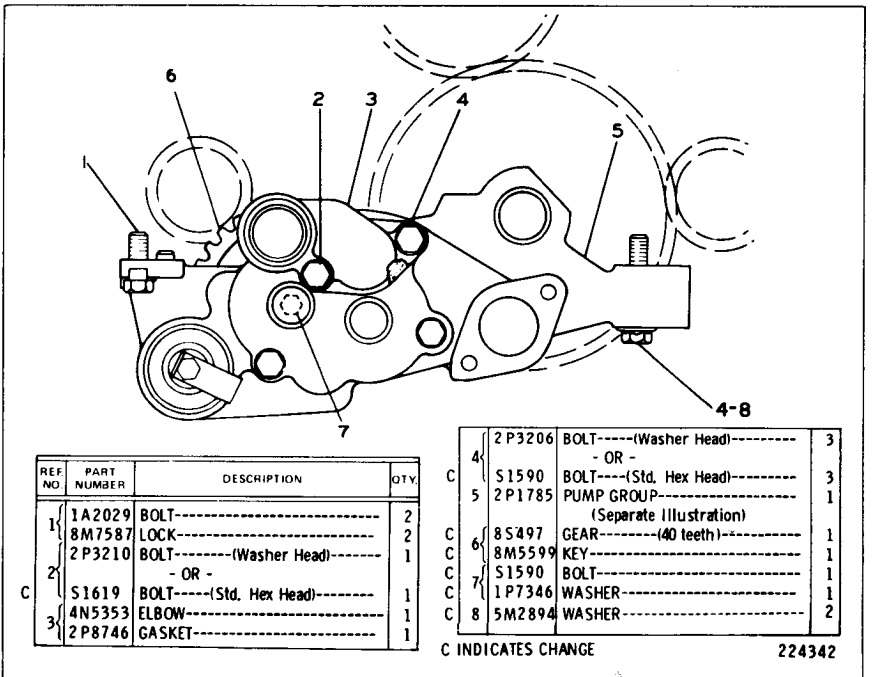
2P6152 OIL PAN GROUP



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	2 P3208	BOLT-----	5
2	2 P1301	BOLT-----	3
3	2 P3204	BOLT-----	20
4	2 P3200	BOLT-----	18

117214

2P6200 OIL PAN FASTENER GROUP



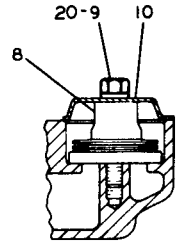
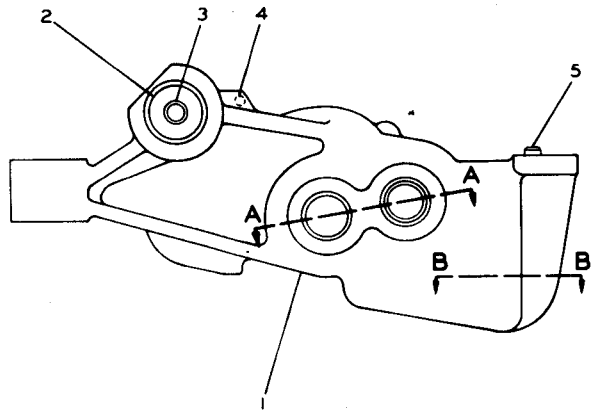
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	1A2029	BOLT-----	2
	8M7587	LOCK-----	2
	2P3210	BOLT----- (Washer Head)	1
2	- OR -		
	S1619	BOLT----- (Std. Hex Head)	1
3	4N5353	ELBOW-----	1
	2P8746	GASKET-----	1

C	4	2P3206	BOLT----- (Washer Head)	3
		- OR -		
C	5	S1590	BOLT----- (Std. Hex Head)	3
		2P1785	PUMP GROUP-----	1
(Separate Illustration)				
C	6	8S497	GEAR----- (40 teeth)	1
		8M5599	KEY-----	1
C	7	S1590	BOLT-----	1
		1P7346	WASHER-----	1
C	8	5M2894	WASHER-----	2

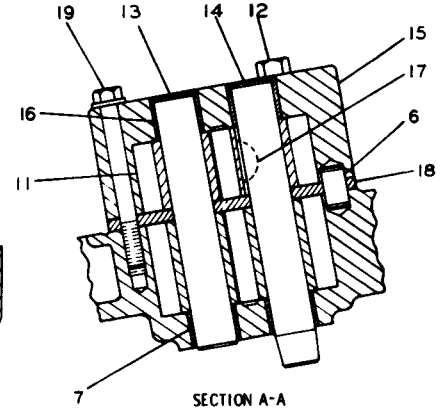
C INDICATES CHANGE

224342

2P1785 OIL PUMP GROUP  
2P1785 Oil Pump parts are shown on Page 24



SECTION B-B



SECTION A-A

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	2P685	BODY ASSEM.-----	1
2	2P1170	SHAFT ASSEM.-----	1
3	6F7172	DOWEL-----	1
4	4B9880	BALL-----	1
5	1F1006	DOWEL-----	1
6	1M3735	DOWEL-----	2
7	8S6511	BEARING-----	2

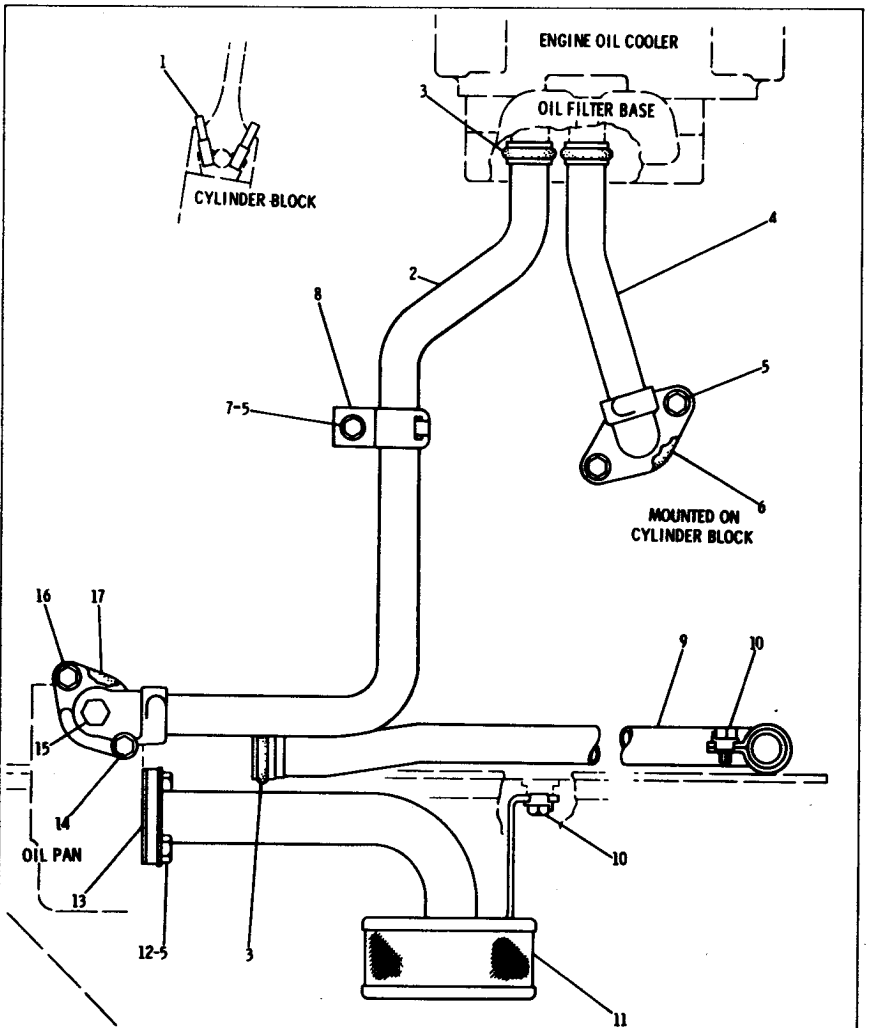
C 8	4N8385	VALVE ASSEM.-----	1
C 9	2B2694	BOLT-----	1
10	4N3732	COVER-----	1
C 11	6N1036	GEAR----- (8 Teeth)	2
C 12	T65	BOLT-----	2
C 13	8S493	SHAFT ASSEM.-----	1
14	2P6245	SHAFT ASSEM.-----	1

15	4N4055	BODY ASSEM.-----	1
16	8S6511	BEARING-----	2
17	1B8709	KEY-----	1
18	2P1781	SPACER-----	1
C 19	2M3403	BOLT-----	1
C 19	5M2894	WASHER-----	1
C 20	9M1974	WASHER-----	1

C INDICATES CHANGE

217789

2P1785 OIL PUMP GROUP  
Part of 2P1784 Oil Pump Group shown on Page 23



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	2S1541	ORIFICE	6
C 2	2P2519	TUBE ASSEM.	1
3	9M4849	SEAL	3
4	2P2460	TUBE ASSEM.	1
C 5	51594	BOLT	5
6	7F7590	GASKET	1
C 7	9L9132	WASHER	1
C 7	5B8030	SPACER	1
C 8	7S3919	CLIP slot	1
C 8	7S3916	CLIP (tab)	1
9	2P1739	TUBE ASSEM.	1
10	T102	LOCK	2
10	L364	LOCK	2
11	2P1751	BELL ASSEM.	1

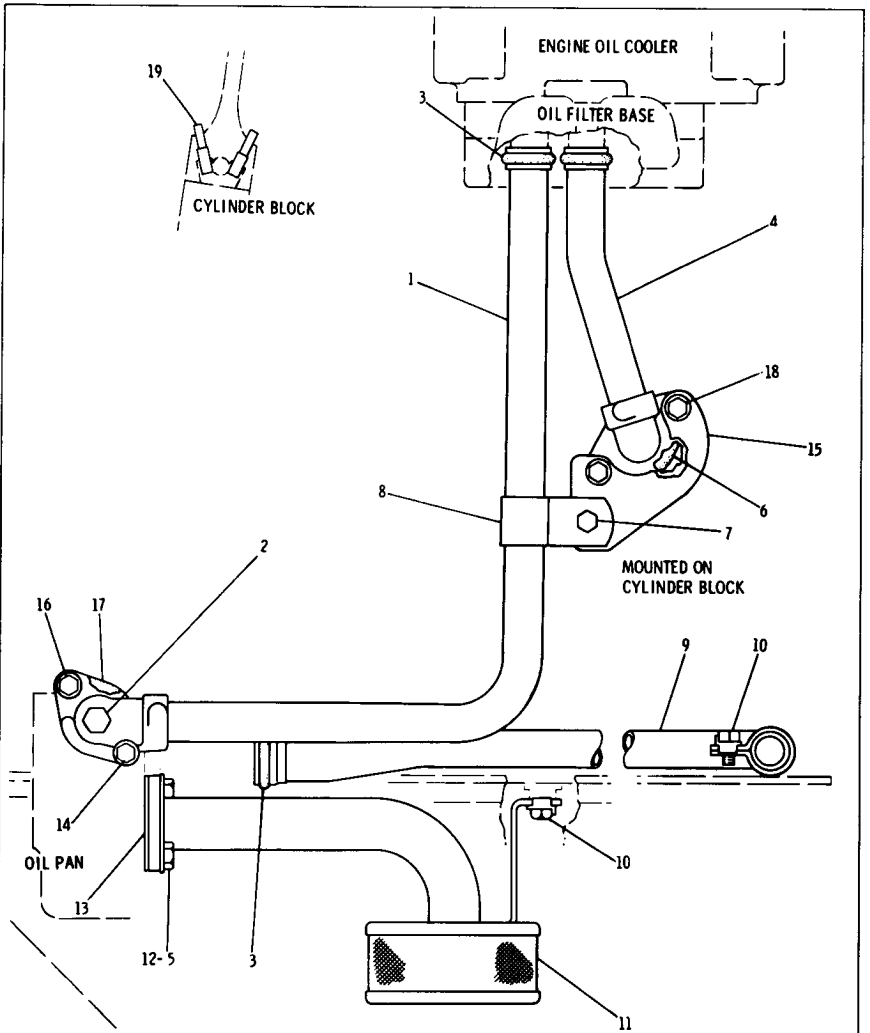
12	8S8874	LOCK	1
13	8M904	GASKET	1
C 14	L2070	BOLT	1
C 15	5M6213	PLUG	1
C 16	1A2029	BOLT	1
17	2M5407	GASKET	1

C INDICATES CHANGE

172344

**2P6105 OIL LINES GROUP**  
 Engine Serial No. 3N69600 to 3N92834 and 3N92889 to 3N93250 inclusive





REF. NO.	PART NUMBER	DESCRIPTION	QTY.
C 1	8N7318	TUBE ASSEM. ----- (Includes)	1
2	5M6213	PLUG-----	1
3	9M4849	SEAL-----	3
C 4	8N7315	TUBE ASSEM. -----	1
C 5	S1594	BOLT-----	2
C 6	7F7590	GASKET-----	1
C 7	L1351	BOLT-----	1
C 7	1D4717	NUT-----	1
C 8	9L9132	WASHER-----	1
C 8	8M2769	CLIP-----	1
9	2P1739	TUBE ASSEM. -----	1
10	T102	BOLT-----	2
10	L364	LOCK-----	2
11	2P1751	BELL ASSEM. -----	1

12	8S8874	LOCK-----	1
13	8M904	GASKET-----	1
14	L2070	BOLT-----	1
C 15	8N5739	BRACKET-----	1
16	1A2029	BOLT-----	1
17	2M5407	GASKET-----	1
C 18	S1590	BOLT-----	2
C 18	8D5898	SPACER-----	4
C 19	5M2894	WASHER-----	2
19	2S1541	ORIFICE-----	6

C INDICATES CHANGE

225436

2P6105 OIL LINES GROUP  
Engine Serial No. 3N92835 to 3N92888 and 3N93251—Up

CATERPILLAR 977L TRACK LOADER

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4N4758	TUBE ASSEM. ----- (Includes)	1
C 2	6N2985	CAP ASSEM. -----	1
3	5S7337	WASHER-----	1
4	8M6744	CLAMP-----	1
5	2P2720	GASKET-----	1
6	4N4658	BRACKET ASSEM.----- (Includes)	1
7	9F2978	NUT-----	1
	2P3203	BOLT----- (washer head)	1
C 8	S1588	BOLT----- -OR-	1
C	5M2894	WASHER-----	1

	2P3204	BOLT----- (washer head)	1
C 9	S1591	BOLT----- -OR-	1
C	5M2894	WASHER-----	1

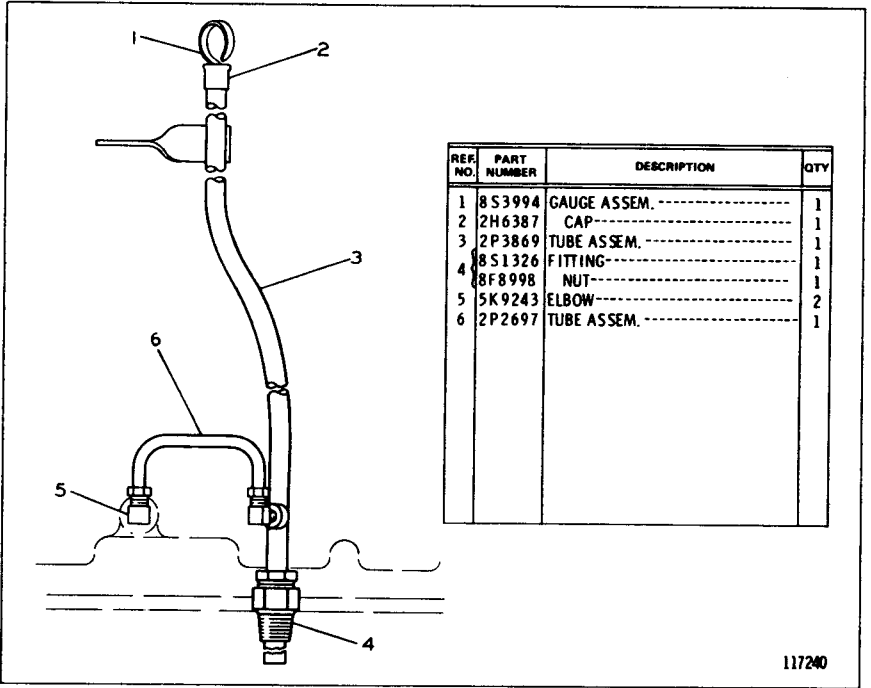
C INDICATES CHANGE 217023

4N4817 OIL FILLER GROUP

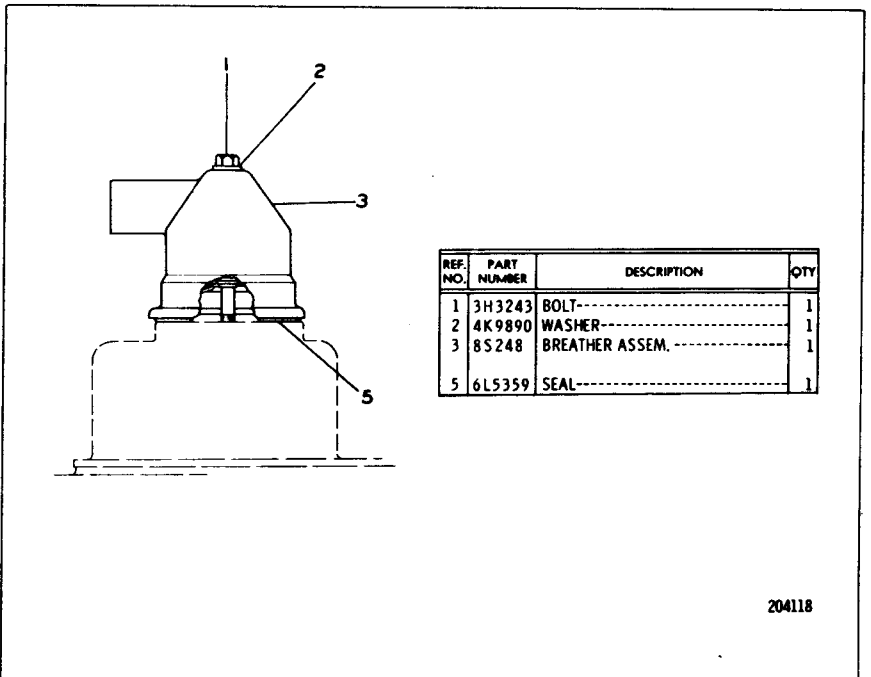
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	S1618	BOLT-----	4
2	9M1974	WASHER-----	8
3	1P6448	BASE ASSEM.----- (Includes)	1
4	1B5174	PLUG-1, 91cm(L, 75 in.) thread	3
5	3L1850	PLUG-1, 27 cm(L, 5 in.) thread	1
6	7H3171	PLUG-----	1
7	2P2537	STUD-----	1
8	6B830	COVER-----	2
9	1P1367	PLUNGER-----	2
10	2P4004	FILTER ASSEM.-----	1
11	1D4540	BOLT-----6, 99 cm(L, 75 in.) long	1
12	1A9579	BOLT-----3, 81 cm(L, 5 in.) long	3
13	8M4432	SEAL-----	2
14	4N8207	GASKET-----	2
15	8M3182	SPRING-----	2

226160

2P6475 OIL FILTER GROUP



2P9609 OIL LEVEL GAUGE GROUP



1P4244 BREATHER GROUP

CATERPILLAR 977L TRACK LOADER

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	9M2904	CLAMP-----	2
C 2	5P1254	HOSE-----10, 16 cm(4 in.)	2
C 3	51594	BOLT-----	2
C 3	1D4717	NUT-----	2
C 4	5M2894	WASHER-----	4
C 4	4N9796	BRACKET-----	2
C 5	8J4111	CLAMP-----	1
C 6	6N8790	TUBE-----	1
C 7	1S4557	CLIP-----	1

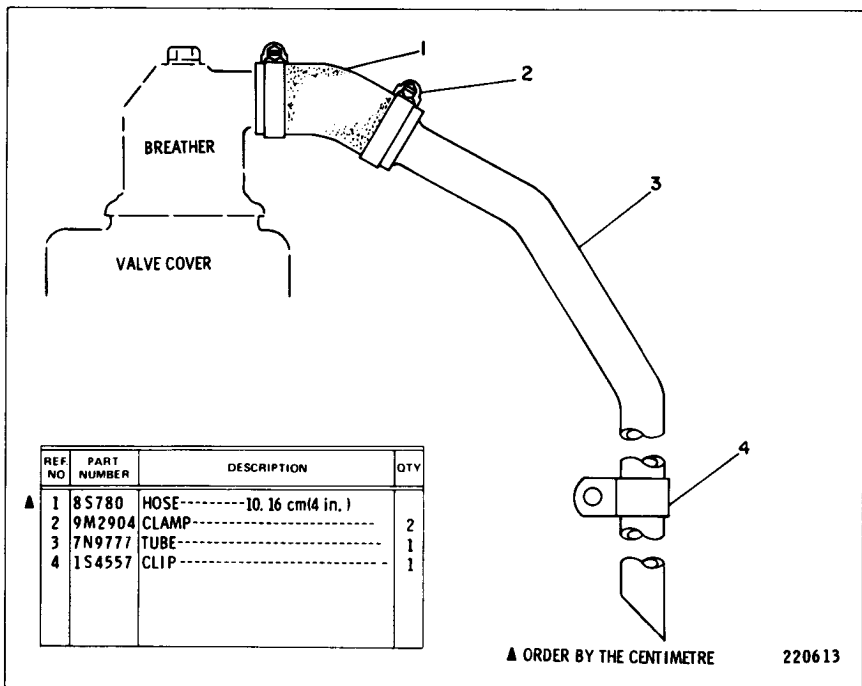
C INDICATES CHANGE 211287

6N1134 FUMES DISPOSAL GROUP—Replaced by 8N233 shown on Page 28A  
 Part of 6N206 Refrigerant Compressor Arrangement listed on Page 265  
 AN ATTACHMENT

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4N3326	HOSE-----	1
C 2	9M2904	CLAMP-----	2
C 3	8M8788	CLIP-----	1
C 4	4N3328	TUBE-----	1
C 4	T386	CLIP----- (small)	1
C 4	6N1369	CLIP----- (large)	1
C 5	L1351	BOLT-----	1
C 4	1D4717	NUT-----	1
C 4	5M2894	WASHER-----	2

TIMING GEAR HOUSING 202066

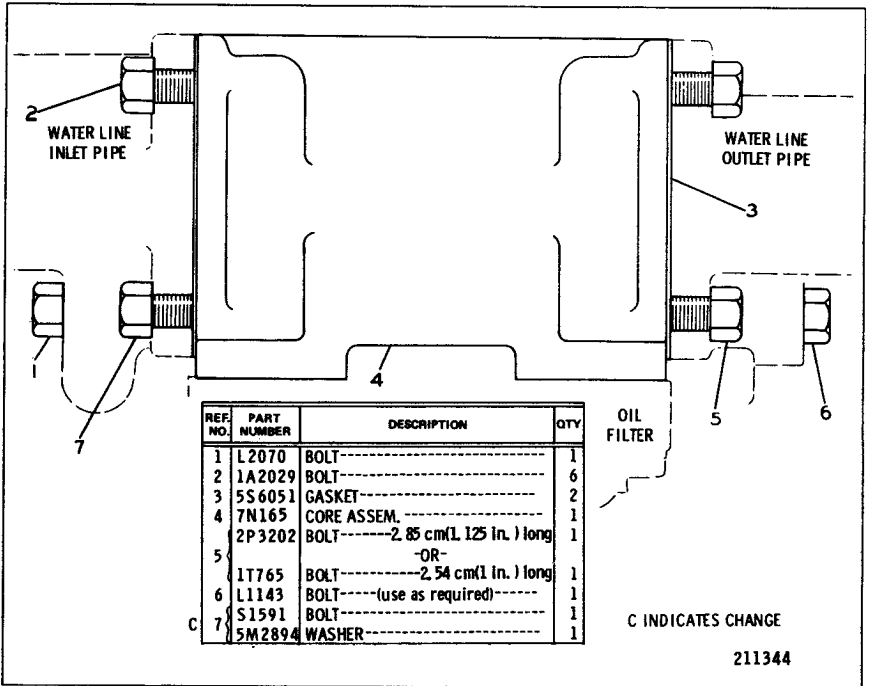
4N3325 FUMES DISPOSAL GROUP  
 Serial No. 14X1 to 14X1193 inclusive



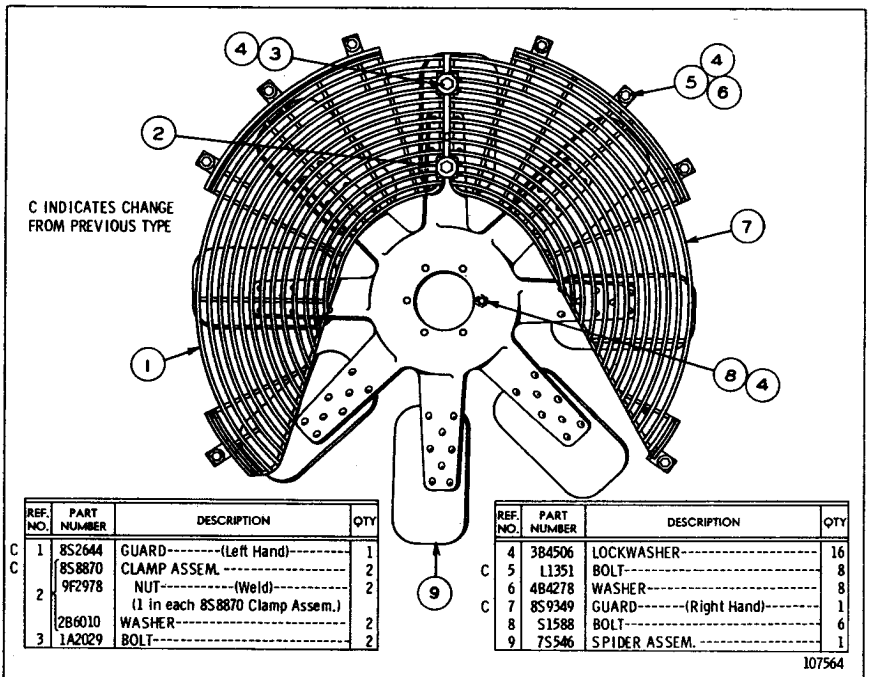
8N233 FUMES DISPOSAL GROUP

Serial No. 14X1194—Up

Also part of 6N206 Refrigerant Compressor Arrangement listed on Page 265



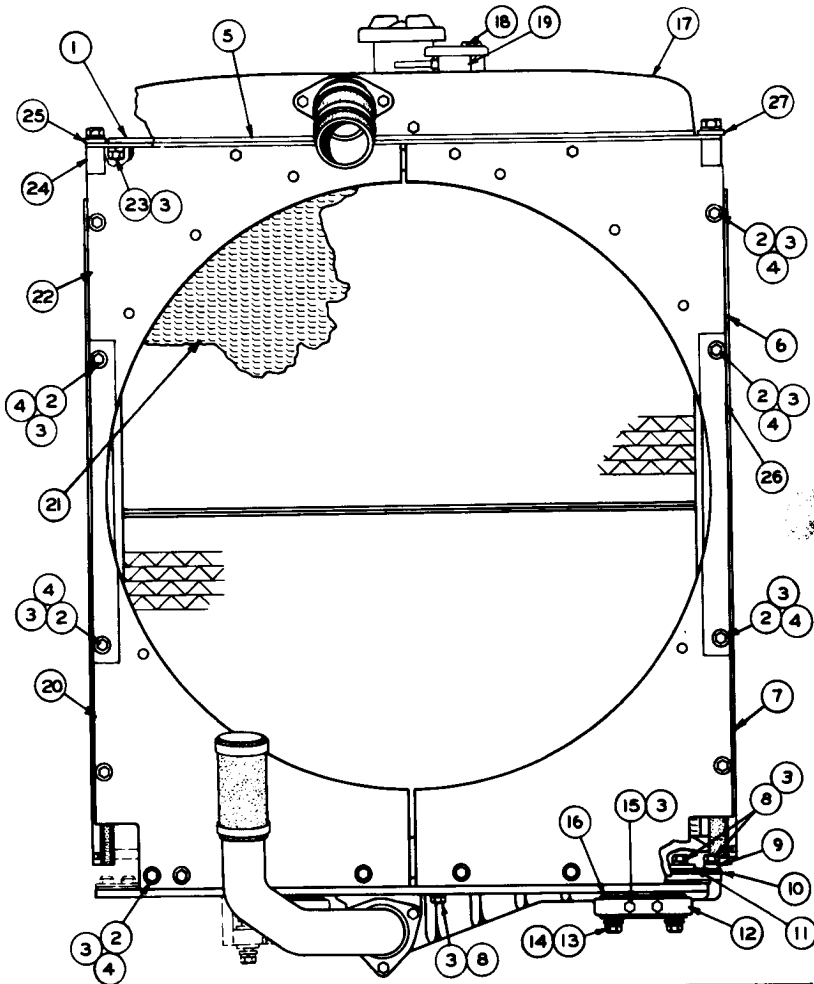
2P6215 ENGINE OIL COOLER GROUP



7S1161 BLOWER FAN AND GUARD GROUP

NOTE: 8N6584 Blower Ejector Fan Spider Assembly for reducing sandblasting and radiator core plugging and 1P8494 Reversible Fan Assembly is available

## CATERPILLAR 977L TRACK LOADER



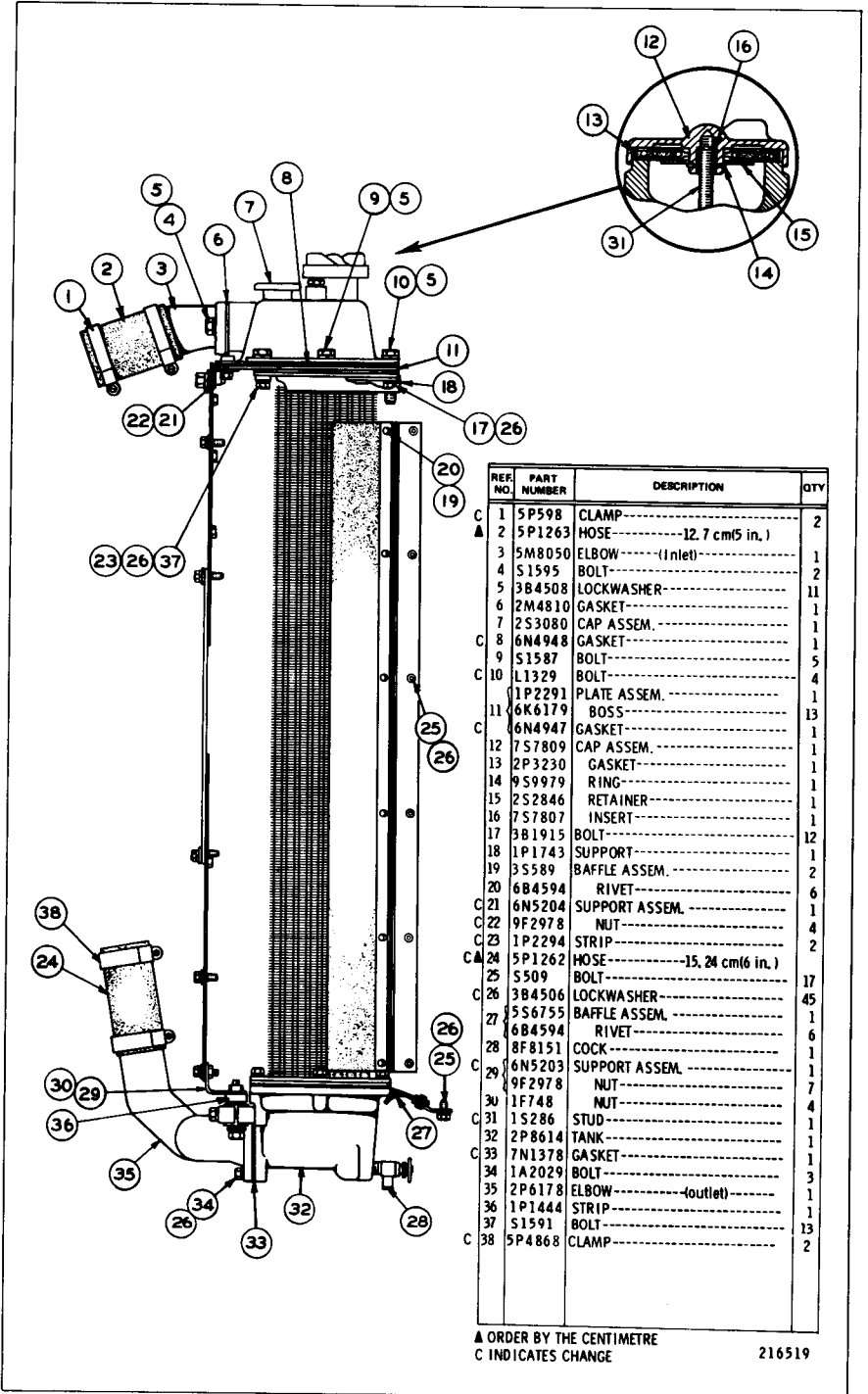
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1P2295	STRIP-----	1
2	L1351	BOLT-----	20
3	3B4506	LOCKWASHER-----	64
4	4B4278	WASHER-----	20
5	1P2296	STRIP-----	1
6	1P2279	SHIELD ASSEM.-----	1
7	9F2978	NUT-----	3
8	8S6093	SHIELD ASSEM.-----	1
9	9F2978	NUT-----	1
10	1A2029	BOLT-----	27
11	1P2306	STRIP-----	3
C	6N4946	GASKET-----	1
	7S666	STRIP-----	2

12	2M4998	CLAMP-----	4
13	L1329	BOLT-----	4
14	4B4280	WASHER-----	8
15	3B4508	LOCKWASHER-----	4
16	S1619	BOLT-----	4
17	3H8726	BLOCK-----	4
18	1P9198	TANK ASSEM.-----	1
	5M6214	PLUG-----	1
19	4N4579	NECK ASSEM.-----	1
20	8S6094	SHIELD ASSEM.-----	1
	9F2978	NUT-----	1
21	1P1683	CORE ASSEM.-----	1
22	1P2284	SHIELD ASSEM.-----	1
	9F2978	NUT-----	3
23	S1594	BOLT-----	13
24	1P1740	SUPPORT-----	1
25	1P2307	STRIP-----	1
26	2P2433	BAFFLE-----	2
27	1P2308	STRIP-----	1

C INDICATES CHANGE

157575

2P8206 RADIATOR GROUP—Rear View



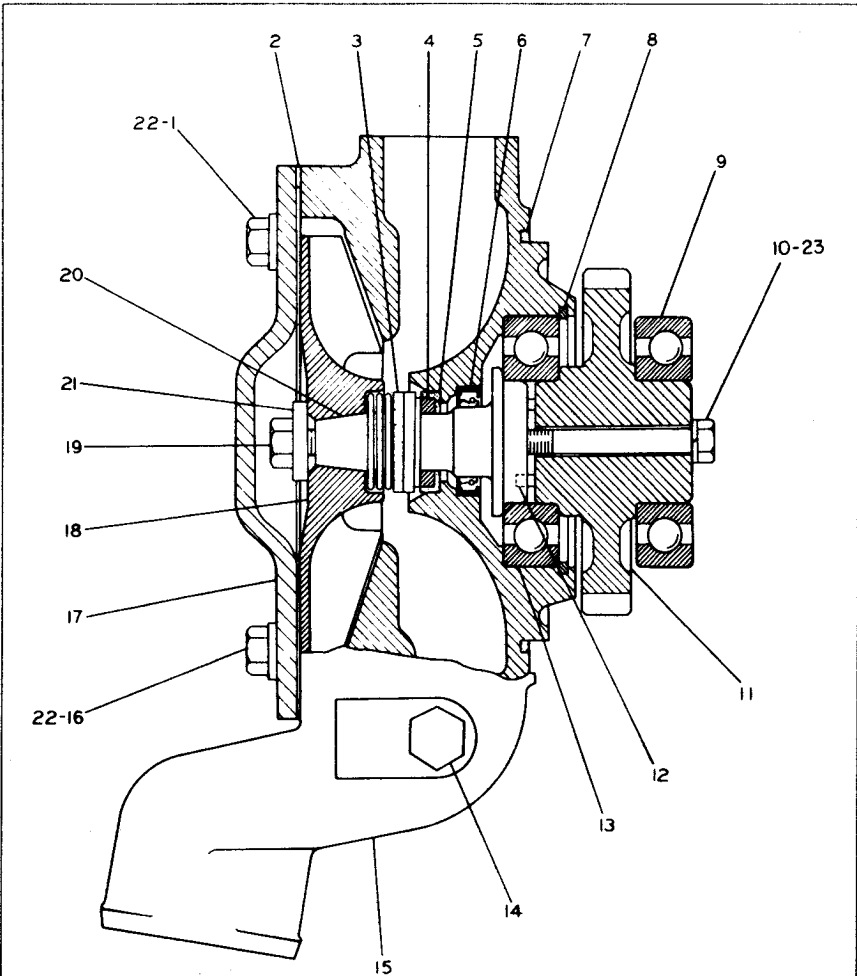
REF NO.	PART NUMBER	DESCRIPTION	QTY
C 1	5P598	CLAMP-----	2
▲ 2	5P1263	HOSE-----12.7 cm(5 in.)	1
3	5M8050	ELBOW----- (inlet)	1
4	51595	BOLT-----	2
5	3B4508	LOCKWASHER-----	11
6	2M4810	GASKET-----	1
7	2S3080	CAP ASSEM.-----	1
C 8	6N4948	GASKET-----	1
9	51587	BOLT-----	5
C 10	L1329	BOLT-----	4
	1P2291	PLATE ASSEM.-----	1
11	6K6179	BOSS-----	13
C 12	6N4947	GASKET-----	1
13	7S7809	CAP ASSEM.-----	1
14	2P3230	GASKET-----	1
15	9S9979	RING-----	1
16	2S2846	RETAINER-----	1
17	7S7807	INSERT-----	1
18	3B1915	BOLT-----	12
19	1P1743	SUPPORT-----	1
20	3S589	BAFFLE ASSEM.-----	2
21	6B4594	RIVET-----	6
C 22	6N5204	SUPPORT ASSEM.-----	1
C 23	9F2978	NUT-----	4
C 24	1P2294	STRIP-----	2
C 25	5P1262	HOSE-----15.24 cm(6 in.)	1
26	5S09	BOLT-----	17
C 27	3B4506	LOCKWASHER-----	45
28	5S6755	BAFFLE ASSEM.-----	1
29	6B4594	RIVET-----	6
C 30	8F8151	COCK-----	1
C 31	6N5203	SUPPORT ASSEM.-----	1
32	9F2978	NUT-----	7
33	1F748	NUT-----	4
C 34	1S286	STUD-----	1
C 35	2P8614	TANK-----	1
C 36	7N1378	GASKET-----	1
37	1A2029	BOLT-----	3
38	2P6178	ELBOW----- (outlet)	1
	1P1444	STRIP-----	1
	S1591	BOLT-----	13
C 38	5P4868	CLAMP-----	2

▲ ORDER BY THE CENTIMETRE  
C INDICATES CHANGE

216519

2P8206 RADIATOR GROUP—Side View





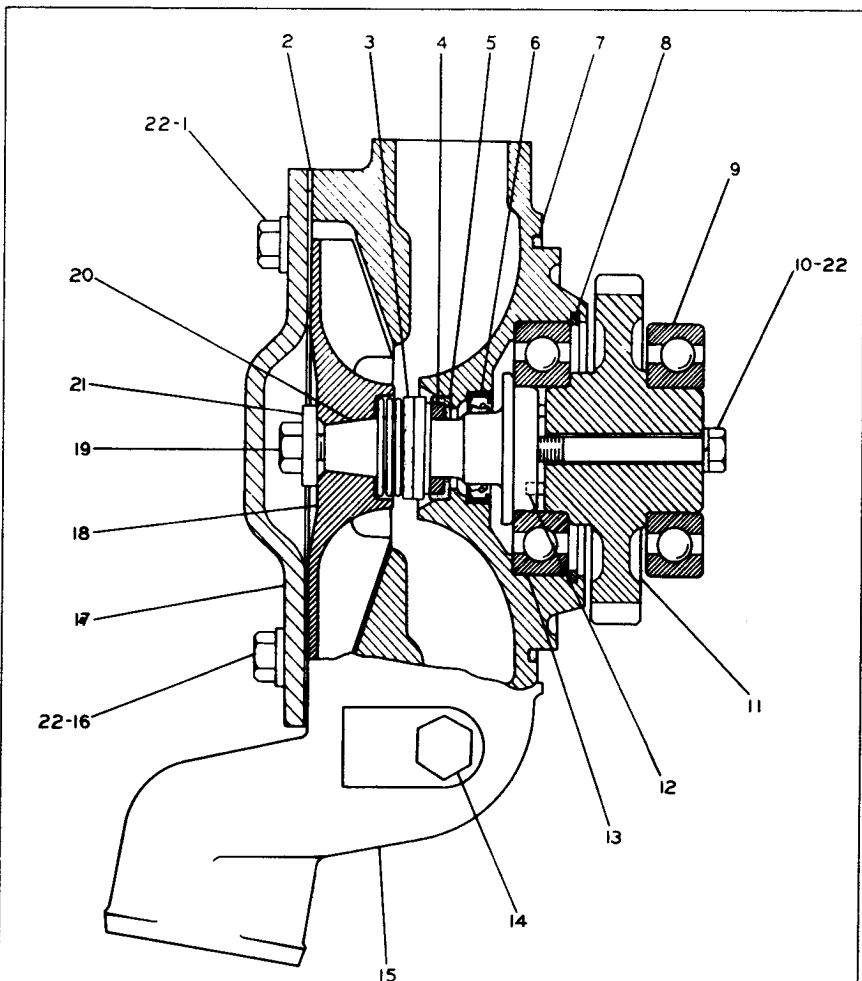
7N4836 -REBUILD KIT-----1  
(Includes parts marked ▲)

REF. NO.	PART NUMBER	DESCRIPTION	QTY
	1 L1351	BOLT-----	2
C	2 6N8190	GASKET-----	1
	3 4N6556	SEAL ASSEM.-----	1
	4 8S7762	RING-----	1
	5 8S8821	SEAL-----	1
	6 8H9520	SEAL-----	1
	7 5F3106	SEAL-----	1
▲	8 1K6985	RING-----	1
▲	9 8H9789	BEARING-----	1
▲	10 51619	BOLT-----	1
	11 2P660	GEAR ASSEM. -----(40 teeth)-----	1
	12 2L5893	PIN-----	2
▲	13 6H3957	BEARING-----	1
▲	14 5M6213	PLUG-----	1
C	15 6N8413	HOUSING-----	1
C	16 8S9191	BOLT-----	2
	17 2P404	COVER-----	1
C	18 6N8411	IMPELLER-----	1
▲	19 4L6454	BOLT-----	1
C	20 1P9929	SHAFT-----	1
▲	21 9M6527	WASHER-----	1
C	22 5M2894	WASHER-----	4
▲	23 3B4506	LOCKWASHER-----	1

C INDICATES CHANGE

169766

7N5909 WATER PUMP GROUP  
Engine Serial No. 3N69600 to 3N71205 inclusive



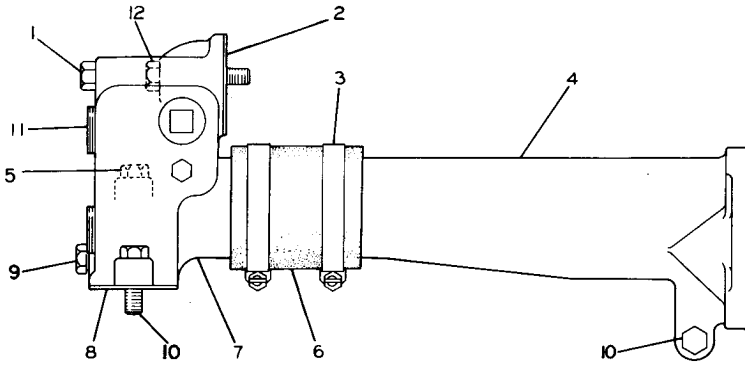
7N9955-REBUILD KIT-----1  
(Includes parts marked ▲)

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	L1351	BOLT-----	2
2	7N201	GASKET-----	1
3	4N6556	SEAL ASSEM.-----	1
4	8S7762	RING-----	1
5	8S8821	SEAL-----	1
6	8H9520	SEAL-----	1
7	5F3106	SEAL-----	1
▲ 8	1K6985	RING-----	1
▲ 9	8H9789	BEARING-----	1
▲ 10	S1619	BOLT-----	1
11	2P660	GEAR ASSEM.----- (40 teeth) (Includes)	1
12	2L5893	PIN-----	2
▲ 13	6H3957	BEARING-----	1

14	5M6213	PLUG-----	1
15	7N196	HOUSING-----	1
16	T55	BOLT-----	2
17	2P404	COVER-----	1
▲ 18	7N5910	IMPELLER-----	1
▲ 19	4L6454	BOLT-----	1
▲ 20	7N5899	SHAFT-----	1
▲ 21	9M6527	WASHER-----	1
▲ 22	5M2894	WASHER-----	5

216805

7N5909 WATER PUMP GROUP  
Engine Serial No. 3N71206—Up



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	T65	BOLT-----	1
2	2P6132	GASKET-----	1
3	5P4868	CLAMP-----	2
4	2P2511	PIPE-----	1
C 5	S1619	BOLT--76.2 mm(3 in.)long-----	1
▲ 6	5P1260	HOSE-----7.62 cm(3 in.)	1
C 7	2P6117	ELBOW-----	1

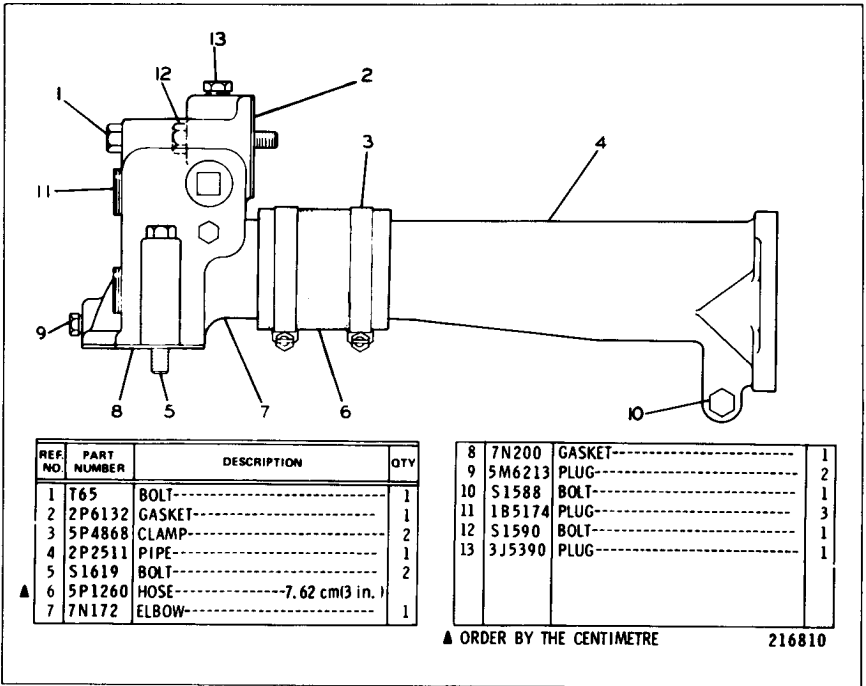
C INDICATES CHANGE

C 8	2P406	GASKET-----	1
9	5M6213	PLUG-----	2
C 10	S1588	BOLT--31.7 mm(1.25 in.)long-----	2
11	1B5174	PLUG-----	3
12	S1590	BOLT-----	1

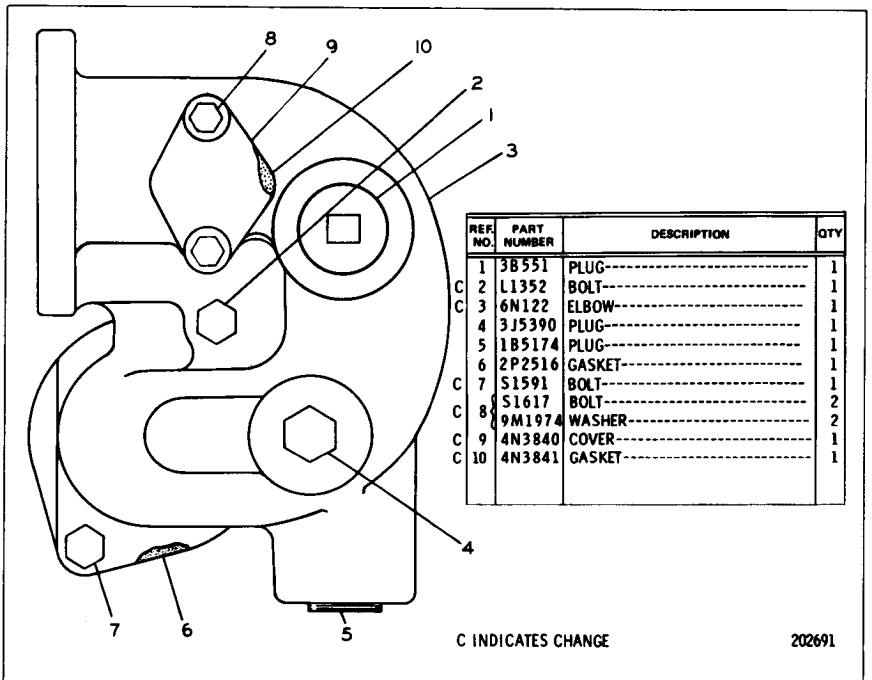
▲ ORDER BY THE CENTIMETER

176119

**7N7211 WATER LINES GROUP**  
 Engine Serial No. 3N69600 to 3N71205 inclusive

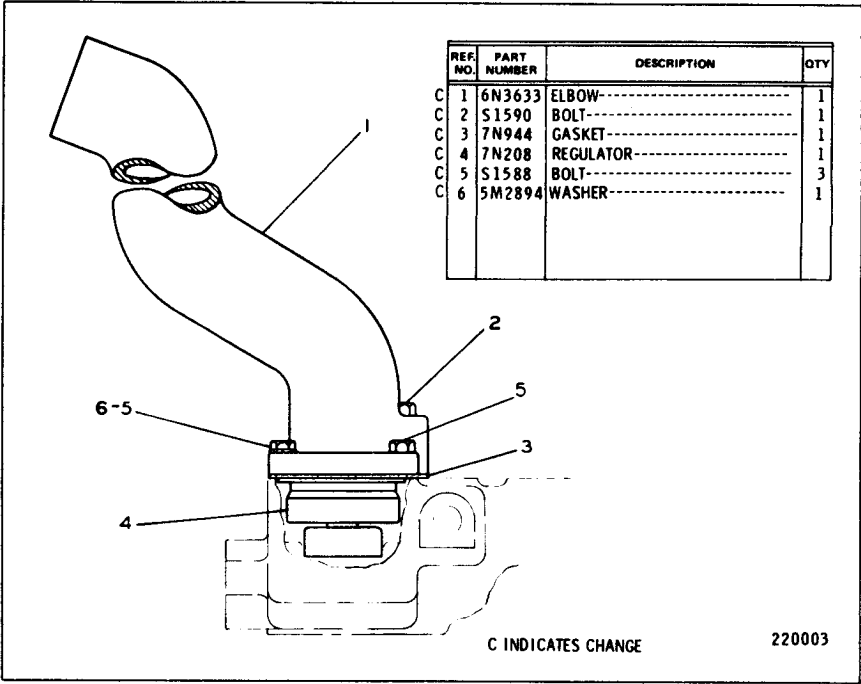


7N7211 WATER LINES GROUP  
Engine Serial No. 3N71206—Up

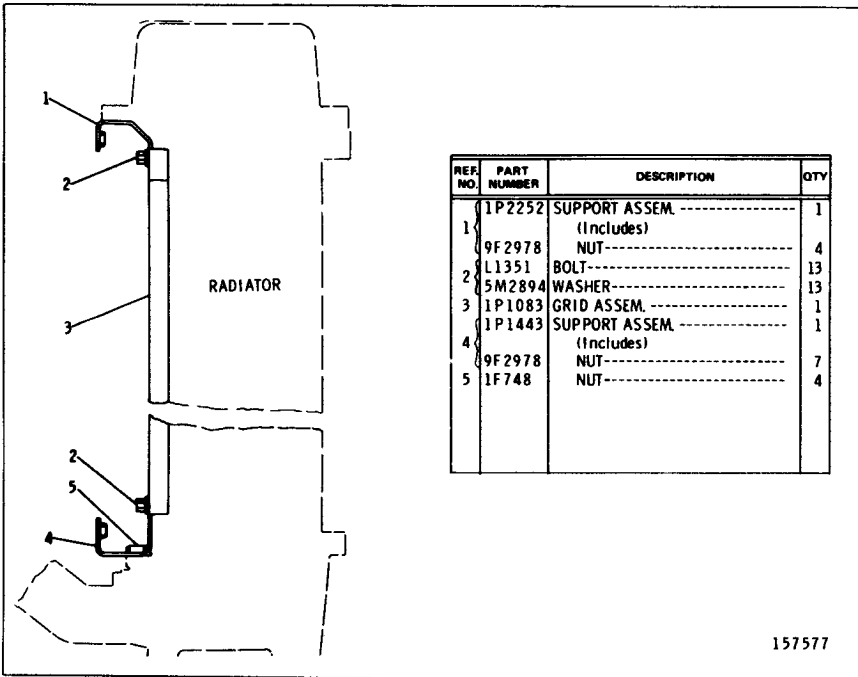


2P7740 WATER LINES GROUP—Elbow

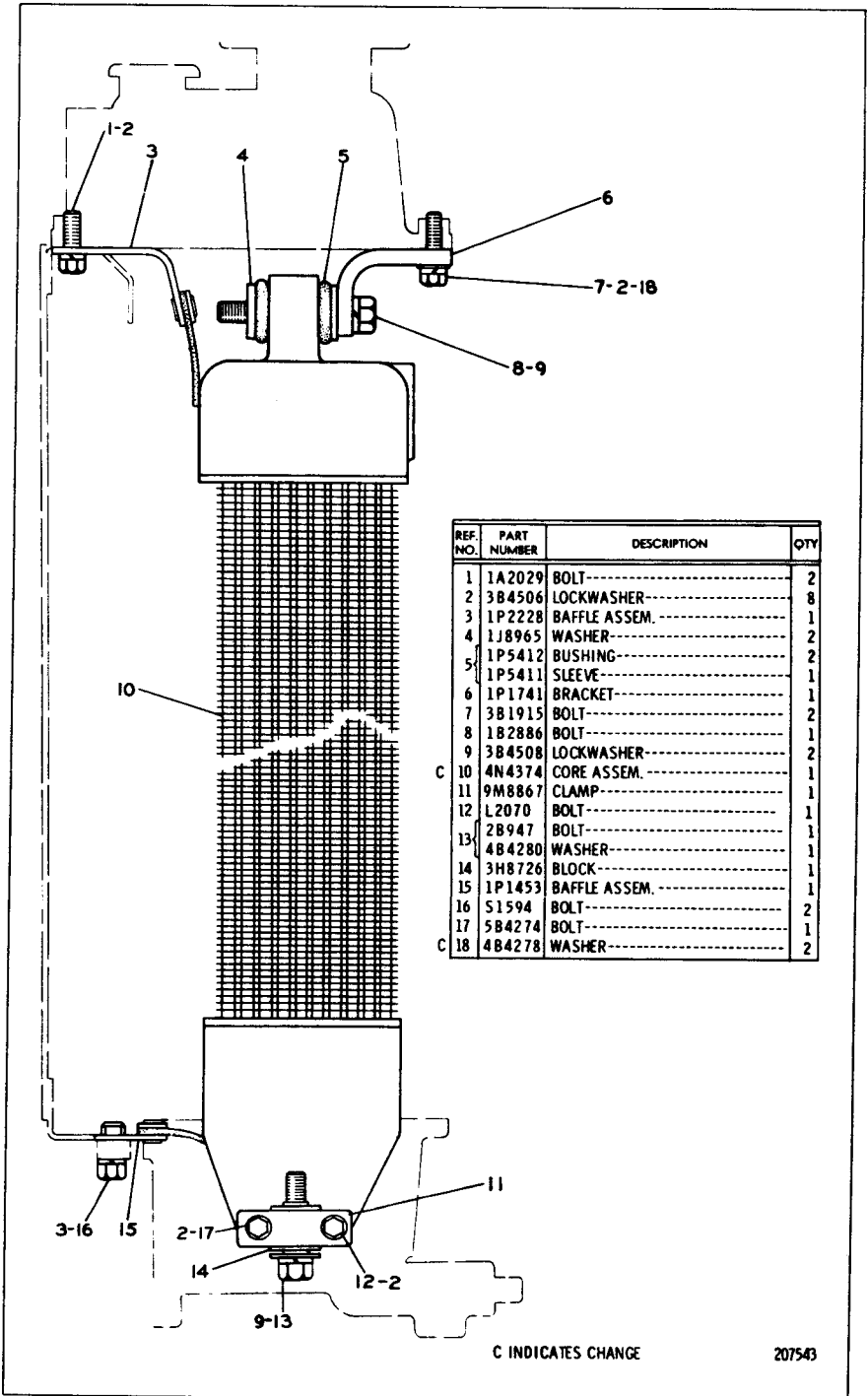
CATERPILLAR 977L TRACK LOADER



2P8175 HOUSING AND REGULATOR GROUP



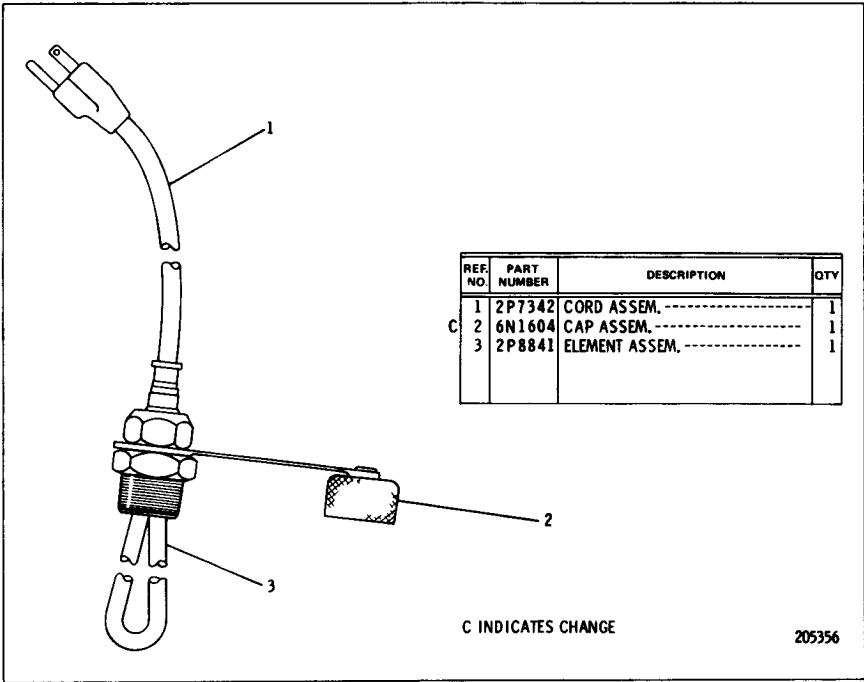
6N5207 RADIATOR CORE PROTECTION GRID GROUP AN ATTACHMENT



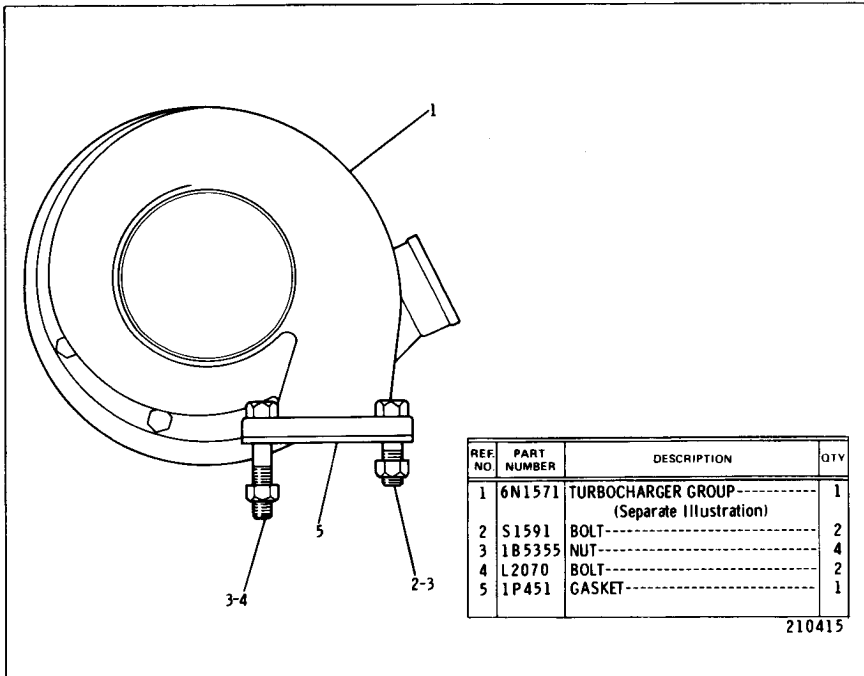
C INDICATES CHANGE

207543

1P2444 TORQUE CONVERTER AND HYDRAULIC OIL COOLER GROUP

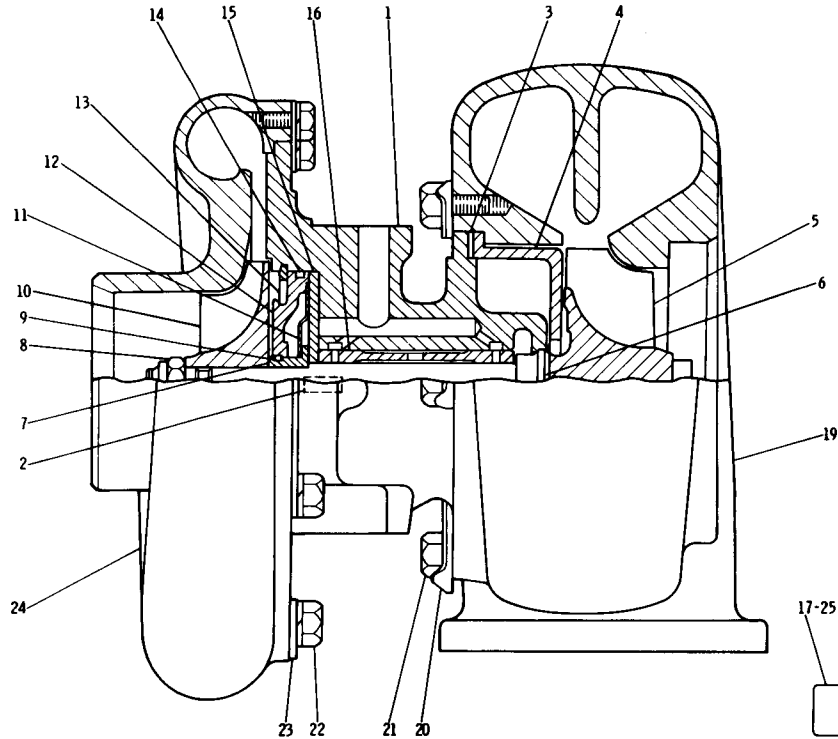


4N3586 JACKET WATER HEATER GROUP  
AN ATTACHMENT



4N9169 TURBOCHARGER GROUP  
6N1571 Turbocharger parts are shown on Page 37

6N1571 TURBOCHARGER GROUP  
Part of 4N9169 Turbocharger Group shown on Page 36



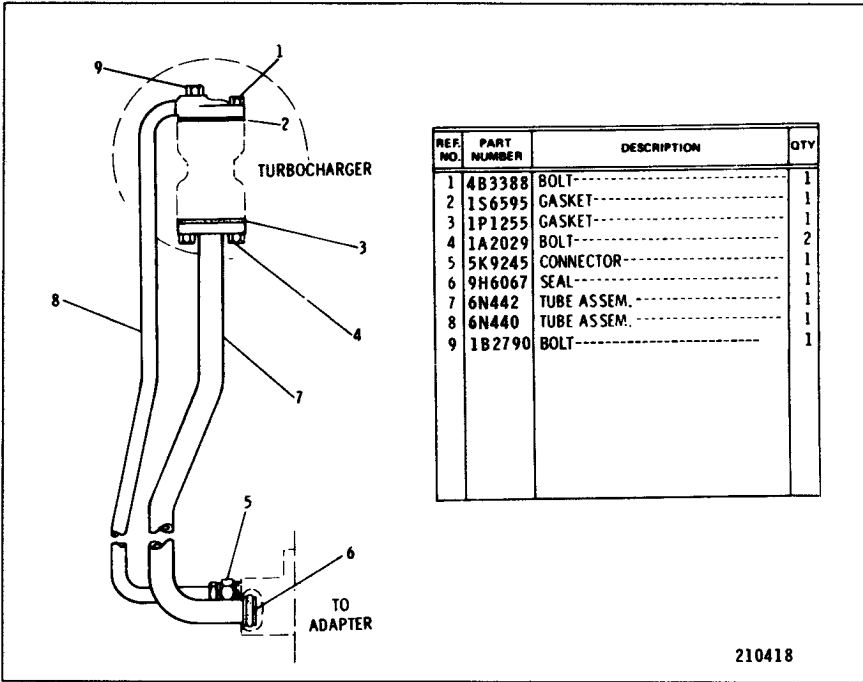
MOUNTED ON  
CARTRIDGE HOUSING

REF. NO.	PART NUMBER	DESCRIPTION	QTY
	6N1524	CARTRIDGE ASSEM. -----	1
1		(Includes)	
	6N1529	HOUSING ASSEM. -----	1
		(Includes)	
2	6N1530	PIN -----	2
▲	6N4357	GASKET -----	1
4	6N1531	SHROUD -----	1
5	6N1532	SHAFT AND WHEEL ASSEM. ----	1
▲	4N9852	RING -----	1
7	6N1535	SLEEVE -----	1
▲	7N456	NUT -----	1
▲	6N1526	RING -----	1
10	6N1525	WHEEL -----	1
▲	6N1534	DEFLECTOR -----	1
12	6N1527	INSERT -----	1
▲	5S4546	RING -----	1
▲	5P5757	SEAL -----	1
15	6N1528	BEARING -----	1
▲	6N1533	BEARING -----	1
17	2S1507	NAMEPLATE -----	1
18	8H3710	SCREW -----	1
19	6N1521	HOUSING ----- (turbine)	1
20	6N1523	LOCK -----	2
	6N1522	PLATE -----	2
21	6N2145	BOLT -----	4
22	2A762	BOLT -----	8
23	3B4504	LOCKWASHER -----	8
23	1P715	PLATE -----	4
24	6N1520	COVER ----- (compressor)	1
25	4N8155	NAMEPLATE -----	1
26	8H3710	SCREW -----	1
▲	SMHS6774	FORM -----	1
		(Installing turbo. repair kit)	
		THE FOLLOWING REPAIR KIT IS AVAILABLE:	
	6N7242	KIT ----- (cartridge)	1
		(Includes parts marked ▲)	

210416

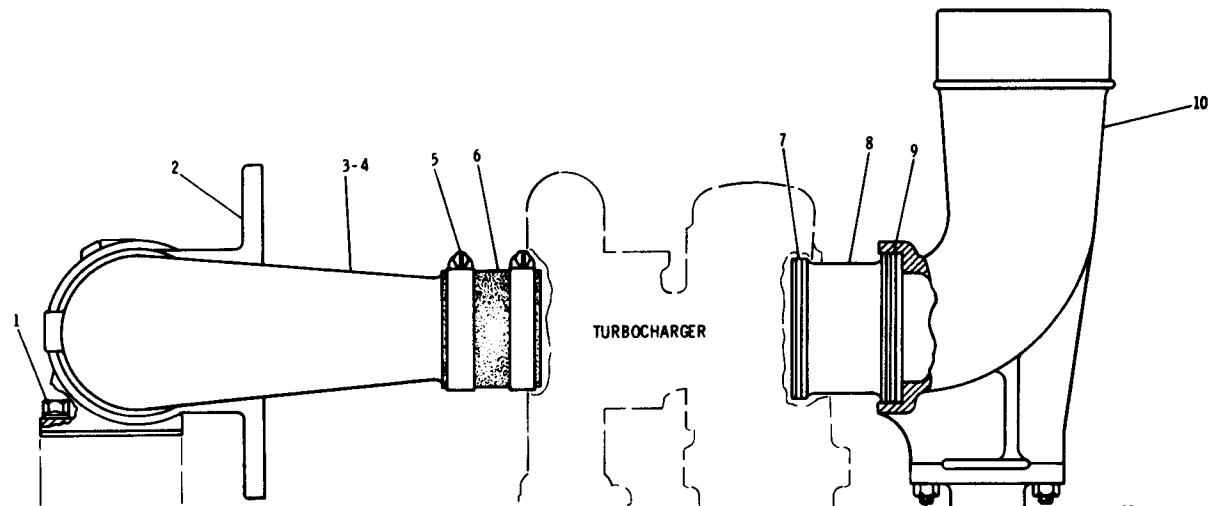


CATERPILLAR 977L TRACK LOADER



6N443 TURBOCHARGER OIL LINES GROUP

7N3576 AIR LINES GROUP

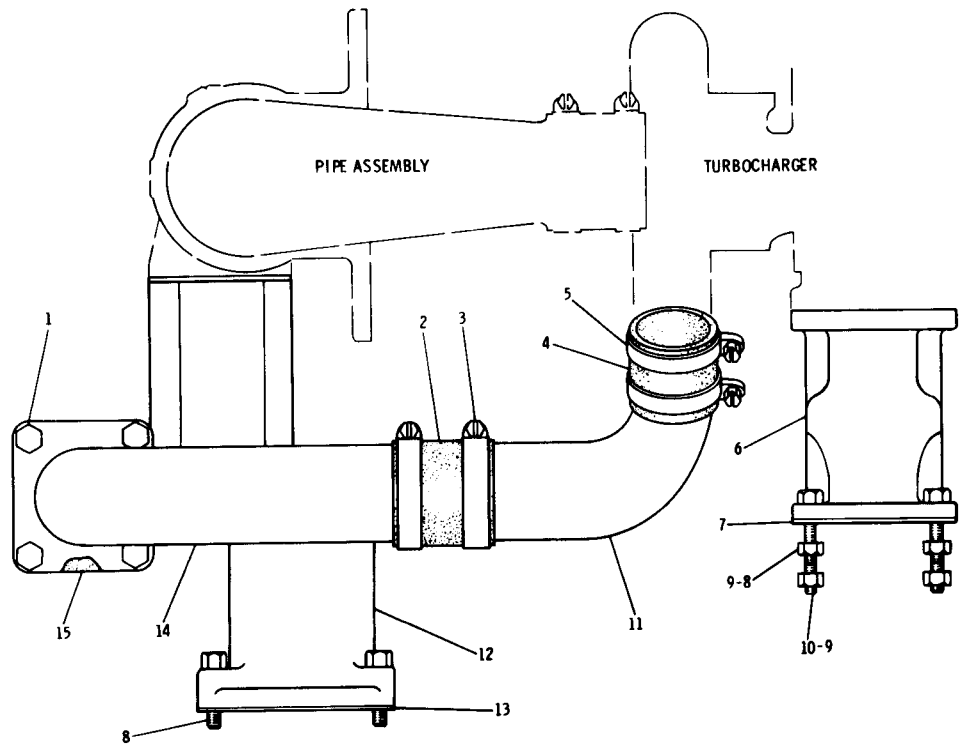


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1A2029	BOLT	3
	3S1586	PIPE ASSEM.	1
2		(Includes)	
	7M1674	ELEMENT	1
3	6N46	ELBOW	1
4	5H7704	SEAL	2
5	5P598	CLAMP	2
6	5P1263	HOSE-----11 cm (4.34 In.)	1
7	6N9	SEAL RING	1
8	4N8591	COUPLING	1
9	5L8855	SEAL RING	1

10	4N9213	ELBOW	1
11	4N4847	SUPPORT	1
	51571	BOLT	6
12	1B5355	NUT	6

▲ ORDER BY THE CENTIMETRE

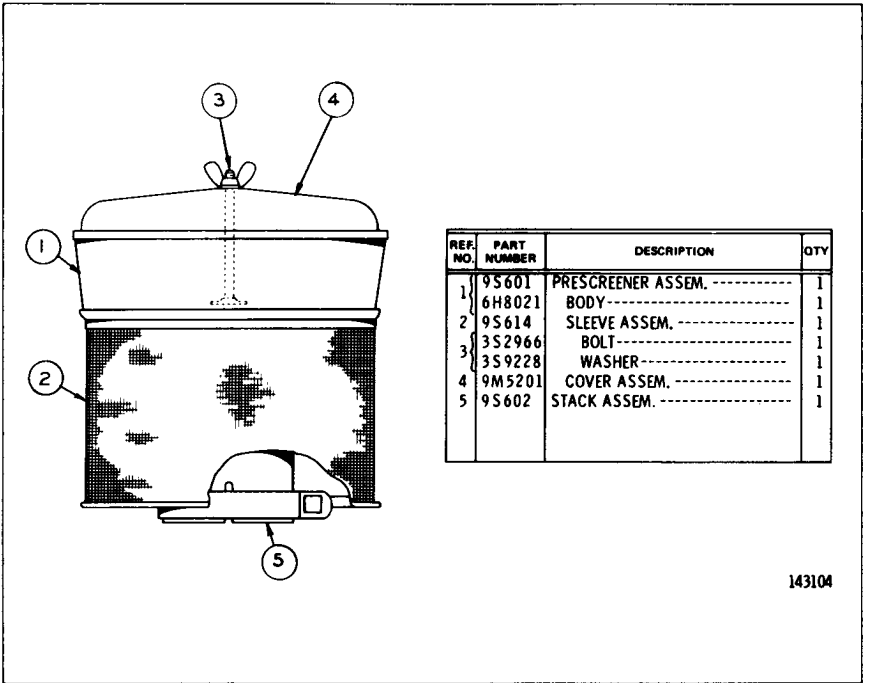
218766



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1A2029	BOLT-----	4
2	4N9215	HOSE-----	1
3	5P4868	CLAMP-----	2
4	4N9311	HOSE-----	1
5	5P597	CLAMP-----	2
6	4N9935	ADAPTER-----	1
	6N38	BRACKET-----	1
7	1P451	GASKET-----	1
8	S1571	BOLT-----	6
9	1B5355	NUT-----	4
10	L2070	BOLT-----	2
11	4N8581	ELBOW-----	1
12	6N40	PIPE-----	1
13	5S6735	GASKET-----	1
14	6N3729	PIPE-----	1
15	5H7033	GASKET-----	1

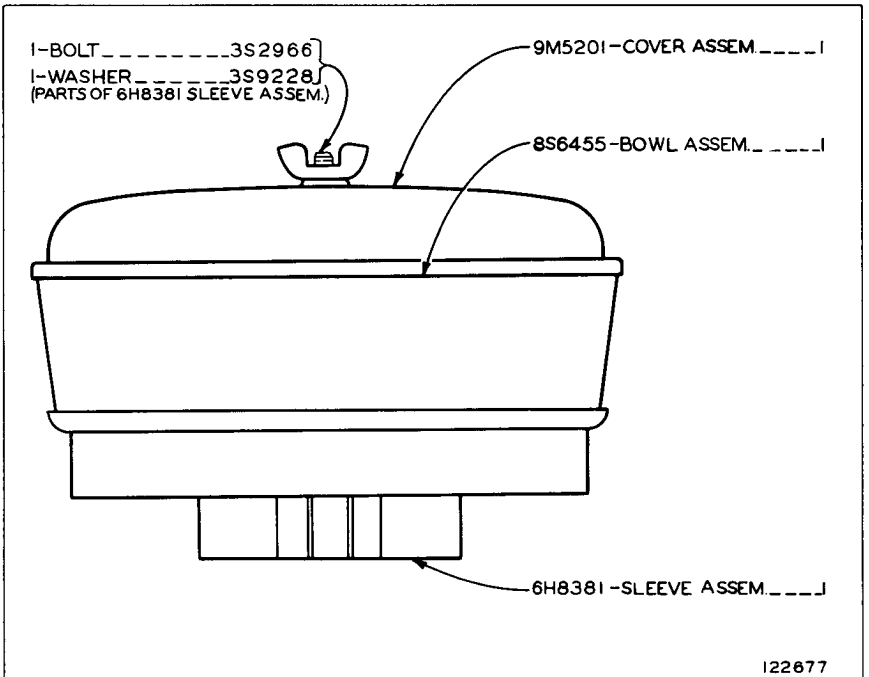
218768

7N3577 AIR LINES GROUP



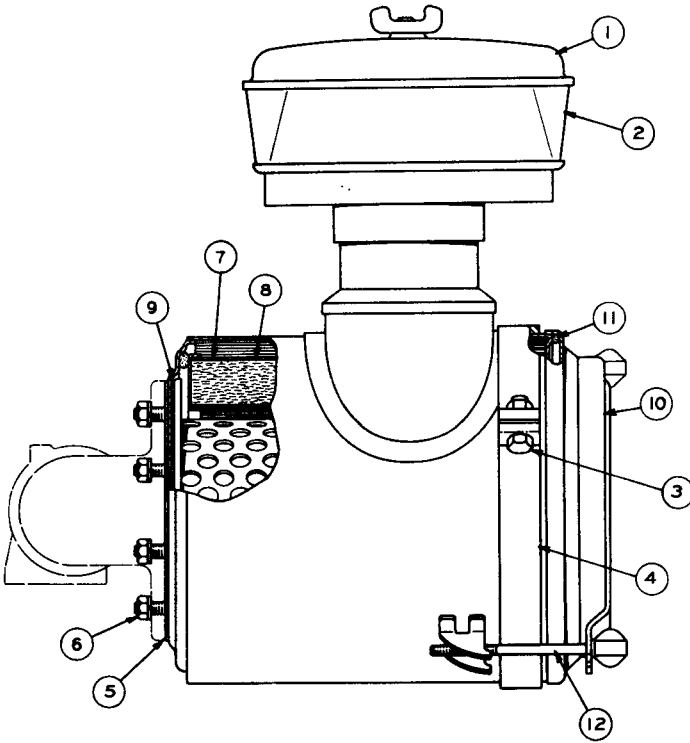
143104

9S603 PRESCREENER GROUP AN ATTACHMENT



122677

8S6454 PRECLEANER ASSEMBLY

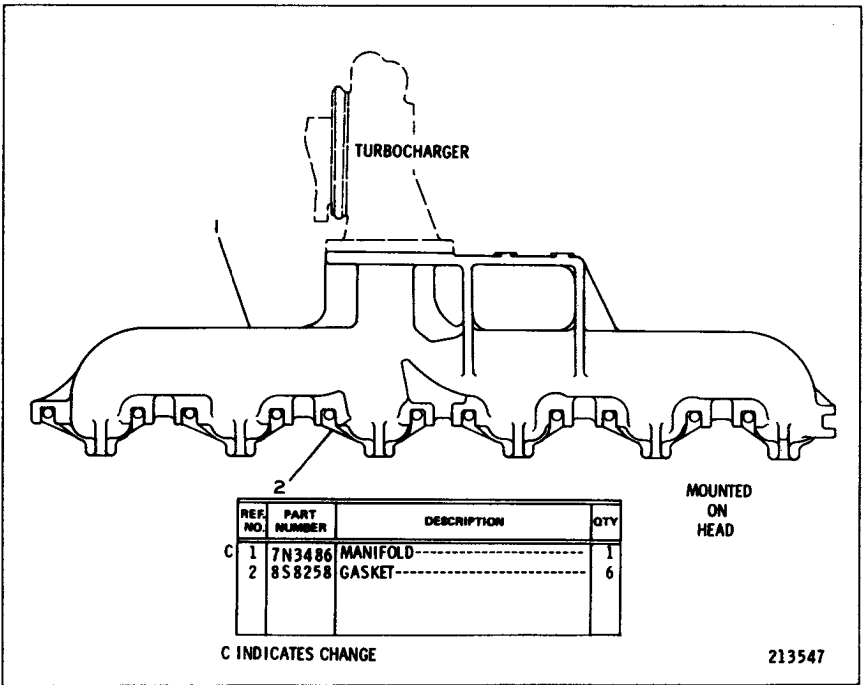


C INDICATES CHANGE FROM PREVIOUS TYPE

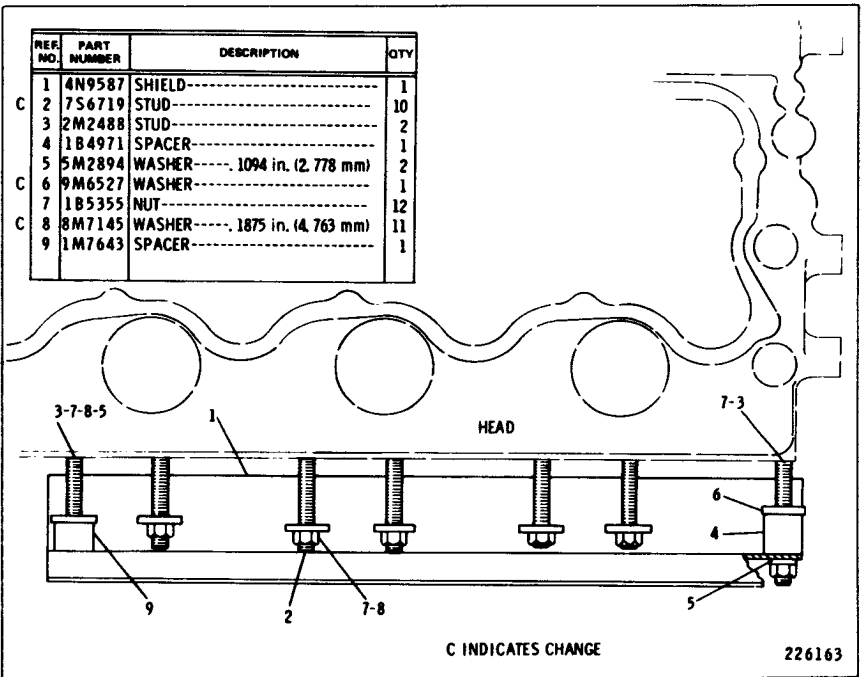
REF. NO.	PART NUMBER	DESCRIPTION	QTY
	3 52298	AIR CLEANER ASSEM. -----	1
		Consisting of:	
1	5L7942	PRECLEANER ASSEM. -----	1
1	9M5201	COVER ASSEM. -----	1
2	6H8021	BODY -----	1
		(Parts of 5L7942 Assem.)	
	1A1460	BOLT -----	1
3	1D4719	NUT -----	1
	4B4280	WASHER -----	1
4	1S1739	BAND -----	1
5	4M4299	GASKET -----	1
6	1D4717	NUT -----	8
C	3B4506	LOCKWASHER -----	8
	7 7M9045	ELEMENT ----- (Primary) -----	1
	8 2S1287	ELEMENT ----- (Secondary) -----	1
	9 4M4299	GASKET -----	1
		(Part of 2S1287 Element)	
	10 9M4895	CUP ASSEM. -----	1
	11 9M8513	GASKET -----	1
		(Part of 9M4895 Assem.)	
C	12 4S6818	ROD ASSEM. -----	2

129758

7S1834 AIR CLEANER GROUP



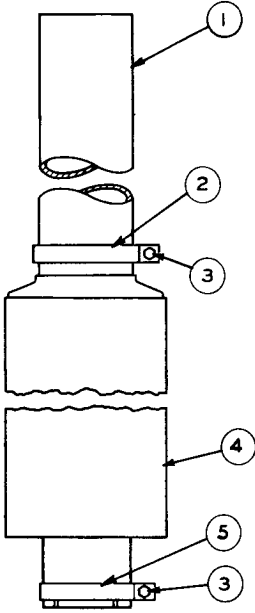
6N164 EXHAUST MANIFOLD GROUP



4N9586 EXHAUST MANIFOLD FASTENER GROUP

CATERPILLAR 977L TRACK LOADER

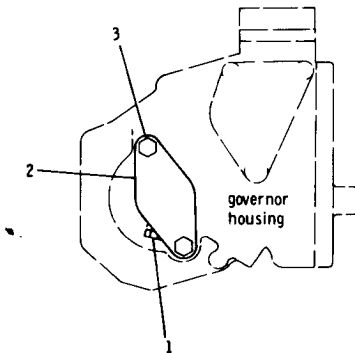
C INDICATES CHANGE FROM PREVIOUS TYPE



REF NO.	PART NUMBER	DESCRIPTION	QTY
1	9S1768	PIPE-----	1 C
2	6F8815	CLAMP-----	1
3	S1591	BOLT-----	2
	1B5355	NUT-----	2
4	7S8443	MUFFLER-----	1
5	7H4266	CLAMP-----	1

126221

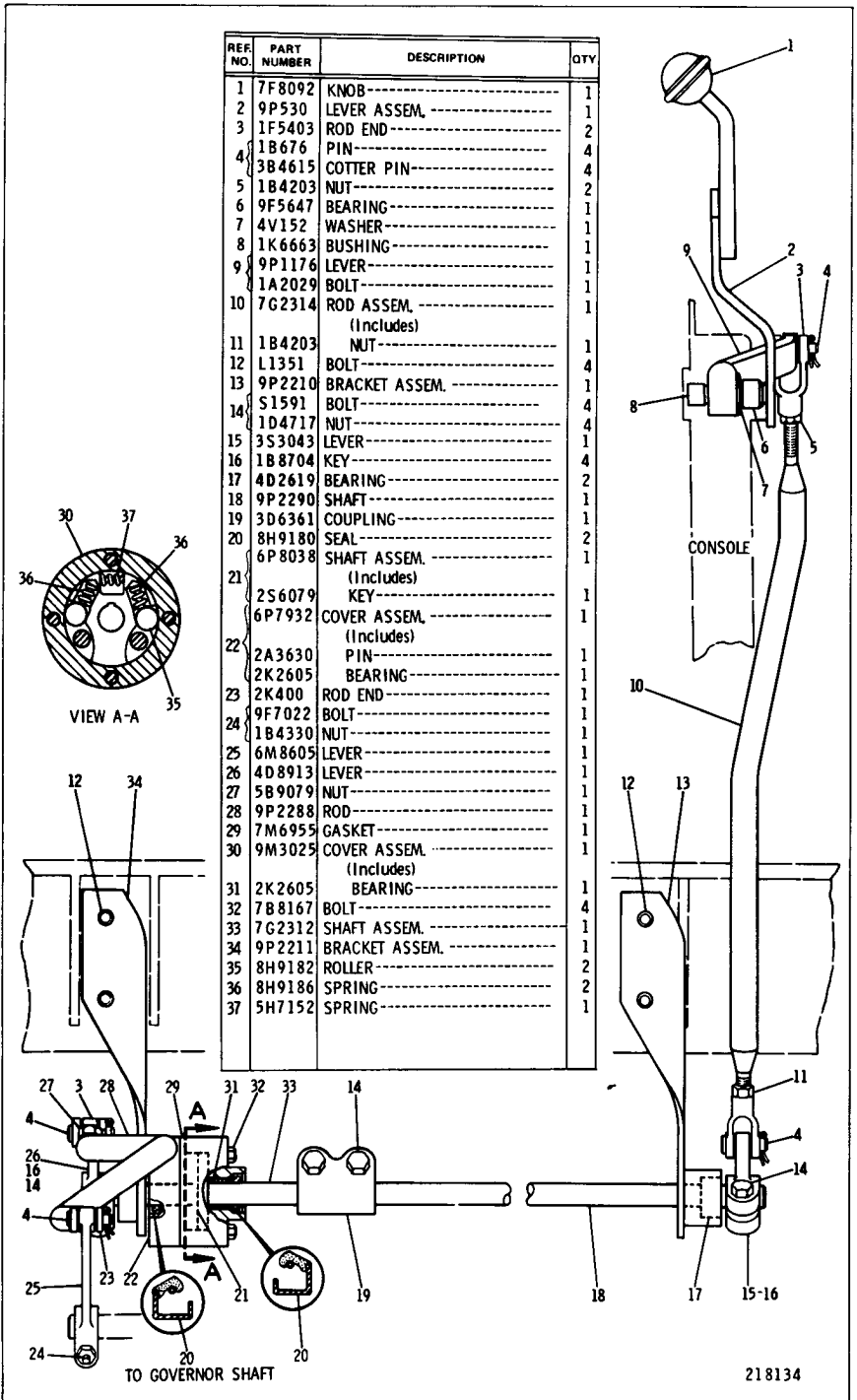
7S6741 MUFFLER GROUP



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	2S7905	PLUG-----	1
2	4N4508	COVER-----	1
	4N4509	GASKET-----	1
3	S1615	BOLT-----	2

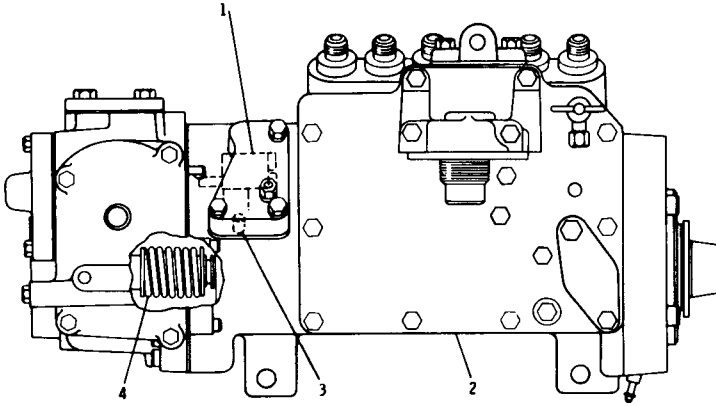
144197

4N4510 GOVERNOR COVER GROUP



8P7740 GOVERNOR CONTROL GROUP





REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4N9240	CONTROL GROUP----- (Separate Illustration)	1
2	6N2840	PUMP GROUP----- (Separate Illustration)	1

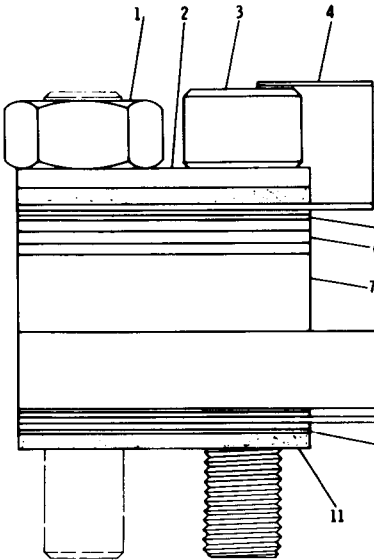
C	3	4N443	PIN-----	1
	4	4N4224	SPRING-----	1

C INDICATES CHANGE

210953

**6N304 GOVERNOR AND FUEL INJECTION PUMP GROUP**

Engine Serial No. 3N69600 to 3N69899 inclusive. 4N9240 Torque Control and 6N2840 Governor and Fuel Injection Pump parts are shown on Pages 46 and 47



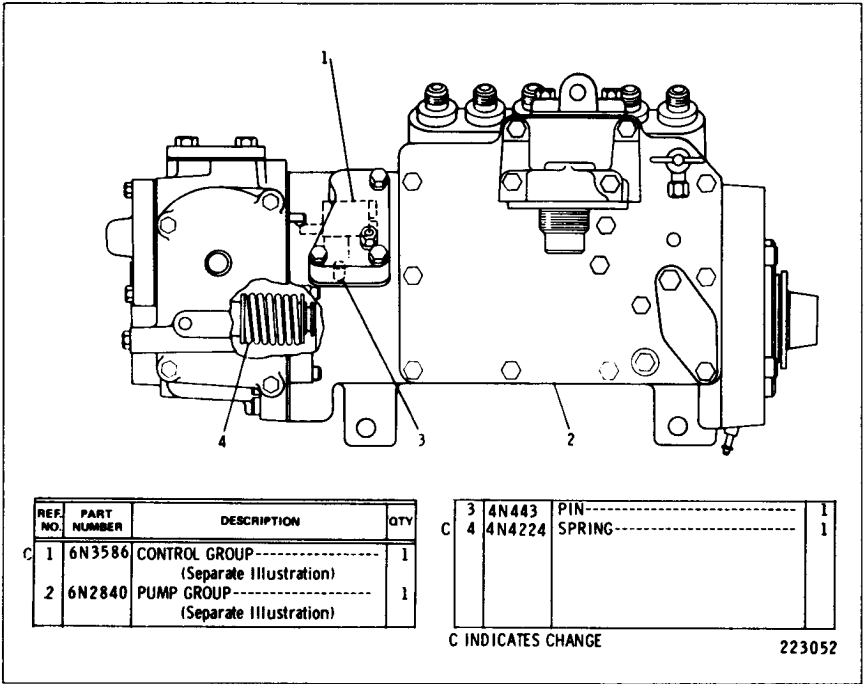
REF. NO.	PART NUMBER	DESCRIPTION	QTY	
1	4L6458	NUT-----	1	
2	8M9064	SHIM-----	1	
3	4L7124	BOLT-----	1	
4	4N3882	CONTACT-----	1	
5	4N7777	SPACER-----	2	
6	9L7235	SHIM-----	3	
7	4N9098	SPACER-----	1	
8	1P6453	BAR-----	1	
C	9	6N3034	SPRING-----	1
10	8L8601	SPACER--.002 in. (.0508 mm) thick	8	
	9L9347	SHIM--.020 in. (.5080 mm) thick	2	
	11	1P6452	INSULATOR-----	2

C INDICATES CHANGE

151810

**4N9240 TORQUE CONTROL GROUP**

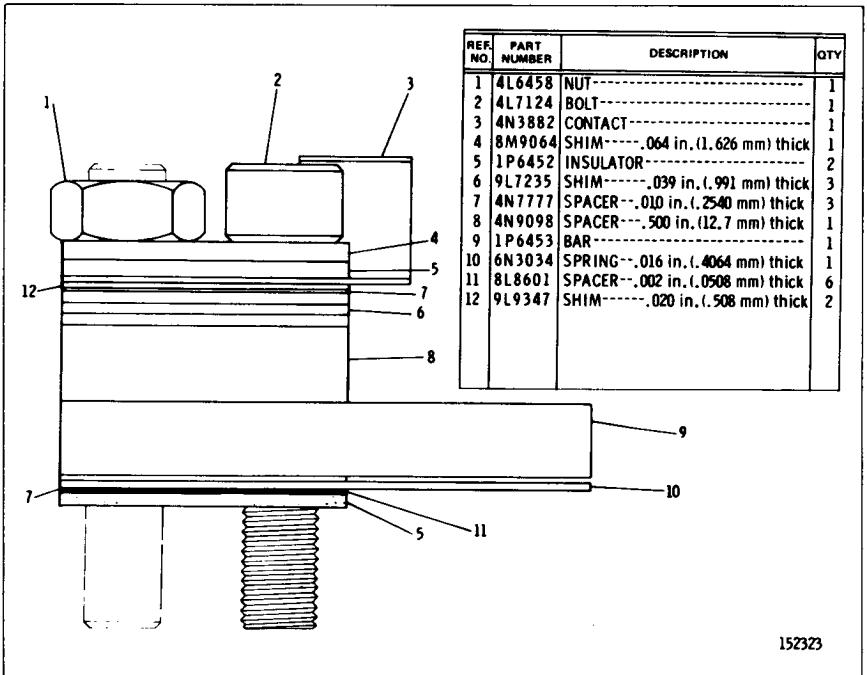
Engine Serial No. 3N69600 to 3N69899 inclusive  
Part of 6N304 Governor and Fuel Injection Pump Group shown on Page 46



6N304 GOVERNOR AND FUEL INJECTION PUMP GROUP

Engine Serial No. 3N69900—Up

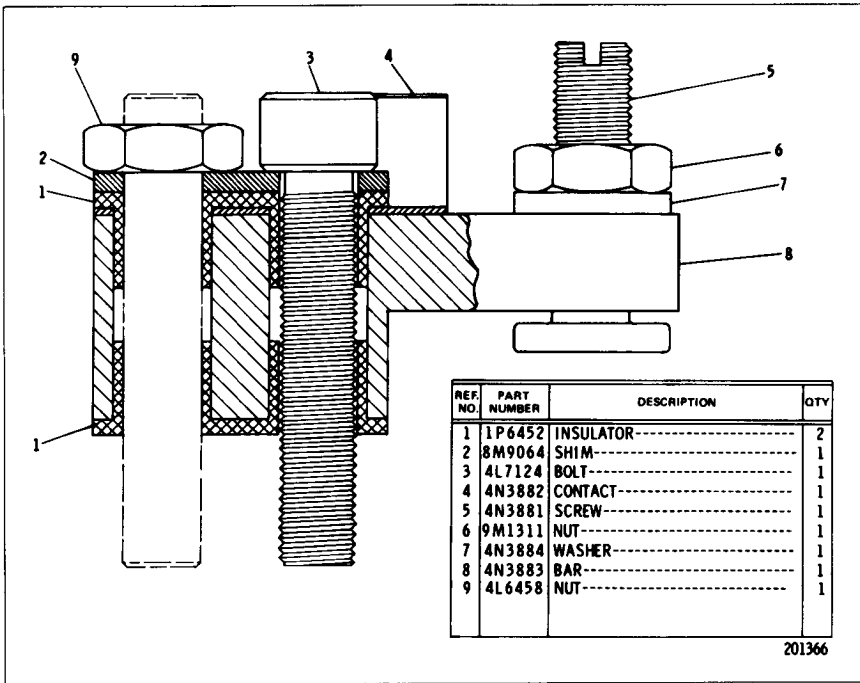
6N3586 Torque Control and 6N2840 Governor and Fuel Injection Pump parts are shown on Pages 46A and 47



6N3586 TORQUE CONTROL GROUP

Engine Serial No. 3N69900—Up

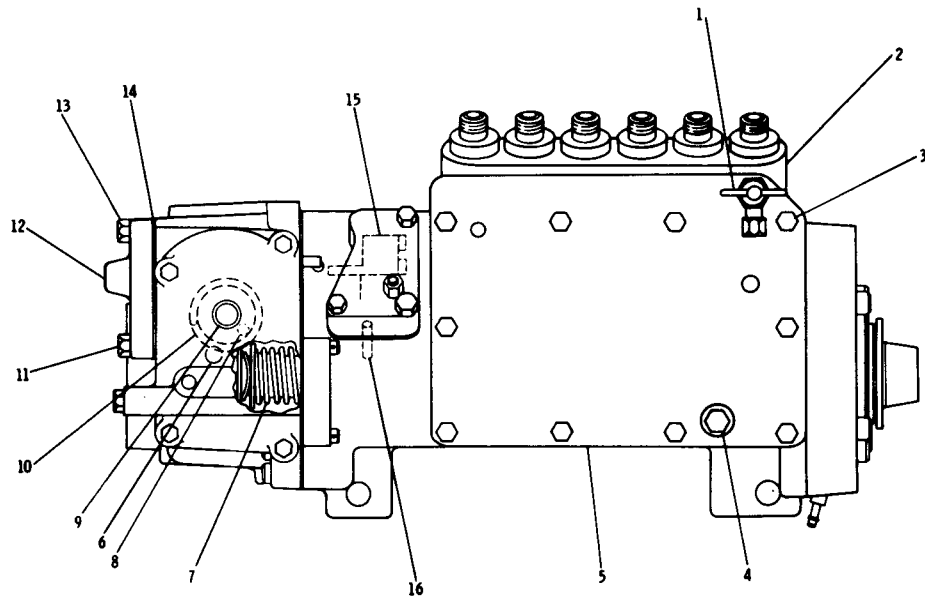
Part of 6N304 Governor and Fuel Injection Pump Group shown on Page 46A



## 6N509 TORQUE CONTROL GROUP

Part of 6N5228 Governor and Fuel Injection Pump Group shown on Page 46D

		CONSISTS OF:	PAGE
1	6N5228	GOVERNOR AND FUEL INJECTION PUMP GROUP .	46D
1	6N230	SPRING--(1) YELLOW & (2) GREEN STRIPES	
1	4N4222	SPRING--(2) PINK & (1) YELLOW STRIPES	
1	4N4223	SPRING--(2) YELLOW STRIPES	
1	4N4224	SPRING--(2) YELLOW & (1) WHITE STRIPE	
1	4N4225	SPRING--(1) PINK & (2) YELLOW STRIPES	
1	4N4227	SPRING--(2) YELLOW & (1) GREEN STRIPE	
1	4N4228	SPRING--(2) YELLOW & (1) PURPLE STRIPES	
1	2H3934	SEAL--TRANSFER PUMP TO PLATE	
1	4N49	GASKET--IDLE SCREW COVER	
1	4N159	GASKET--ADAPTER BASE TO GOVERNOR HOUSING	
1	4N9057	GASKET--SIDE COVER	
1	1P436	GASKET--PRIMING PUMP	
1	4N402	GASKET--THROTTLE CONTROL COVER	
1	4N594	GASKET--GOVERNOR HOUSING TO FUEL PUMP HOUSING	
1	4N508	GASKET--TORQUE SPRING COVER	
1	4N9337	GASKET--FUEL RETURN ELBOW	
1	6L5773	GASKET--SMOKE LIMITER	
1	6N2843	GASKET--FILTER BASE	
1	6N6597	GASKET--ADAPTER ASSEMBLY TO BASE	
2	9L9347	SHIM--.020 IN. (.5080 MM) THICK	
3	4N7777	SPACER--.010 IN. (.2540 MM) THICK	
3	9L7235	SHIM--.039 IN. (.991 MM) THICK	
1	4N9098	SPACER--.500 IN. (12.7 MM) THICK	
8	8L8601	SPACER--.002 IN. (.0508 MM) THICK	
1	1P6453	BAR	
1	9L3626	SPACER--.016 IN. (.4064 MM) THICK	
1	9L5176	TORQUE SPRING--.024 IN. (.61 MM) THICK	
1	6N3034	TORQUE SPRING--.016 IN. (.5064 MM) THICK	
1	9L3625	TORQUE SPRING--.022 IN. (.559 MM) THICK	
1	9L6483	TORQUE SPRING--.020 IN. (.5080 MM) THICK	
1	9S9662	TORQUE SPRING--.018 IN. (.4572 MM) THICK	
1	.....	FORM SMHS6728	



REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	7N450	VALVE ASSEM. -----	1
2	6N5355	FUEL INJECTION PUMP GROUP ----- (Separate Illustration)	1
3	S1615	BOLT -----	10
4	9S4180	PLUG ----- (drain) -----	1
4	4J7533	SEAL -----	1
5	4N9339	COVER -----	1
5	4N9057	GASKET -----	1
6	4N8179	PIN -----	1
7	6N5170	SPRING -----	1
8	4N444	SPACER -----	2
9	4N4320	SHAFT ASSEM. -----	1
10	4N4366	SPRING -----	1
11	8S4710	BOLT -----	2
12	4N53	COVER -----	1
13	S1616	BOLT -----	1
14	4N159	GASKET -----	1
15	6N509	CONTROL GROUP ----- (Separate Illustration)	1
16	4N443	PIN -----	1

C INDICATES CHANGE

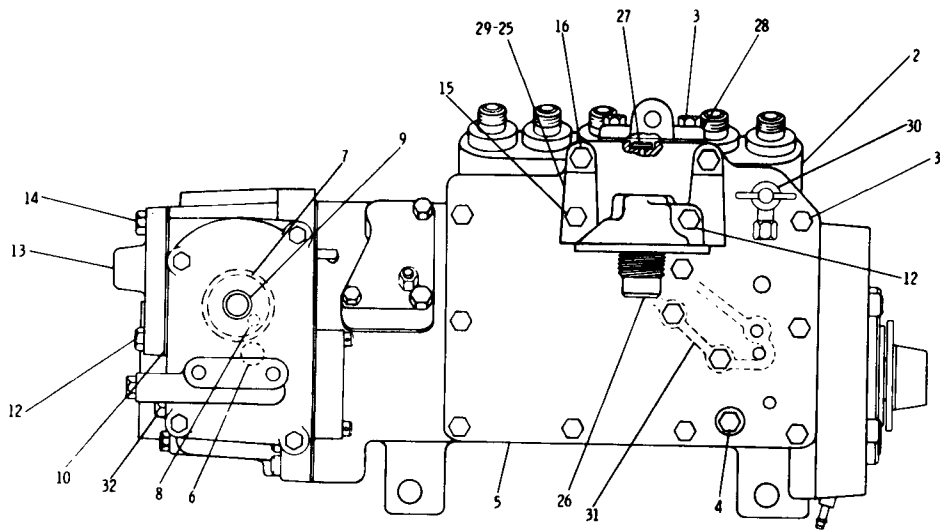
212674

## 6N5228 GOVERNOR AND FUEL INJECTION PUMP GROUP

Part of 6N5227 Governor and Fuel Injection Pump Group listed on Page 46C

6N509 Torque Control and 6N5355 Governor and Fuel Injection Pump parts are shown on Page 46B and Pages 48 thru 51D

**6N2840 GOVERNOR AND FUEL INJECTION PUMP GROUP**  
 Part of 6N304 Governor and Fuel Pump Group shown on Page 46  
 6N5355 Governor and Fuel Injection Pump parts are shown on Pages 48, 49, 50 and 51

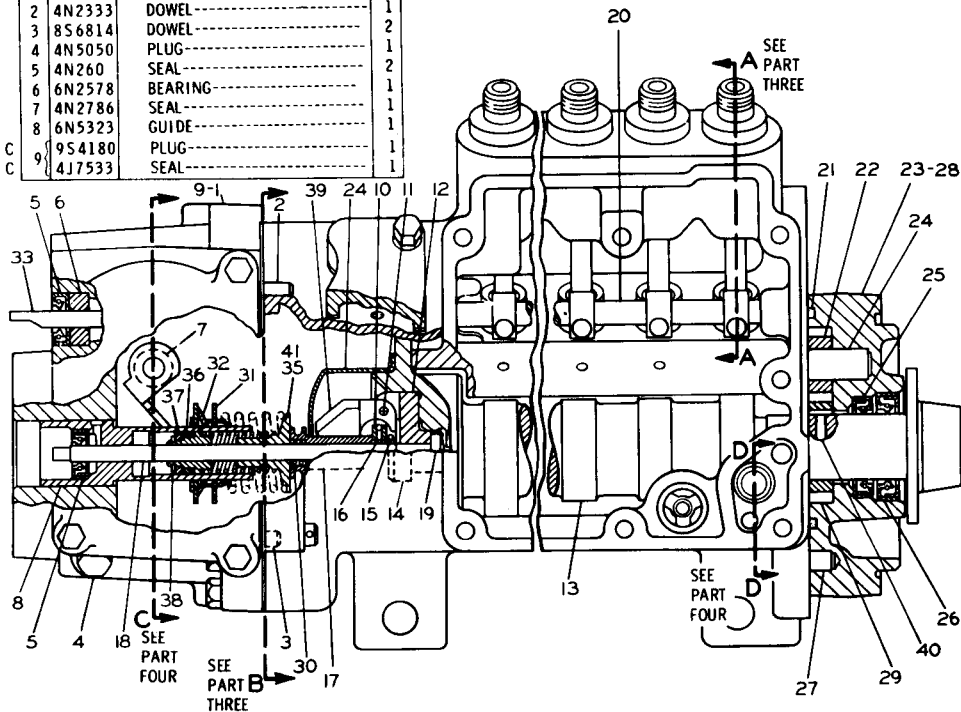


REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 2	6N5355	PUMP GROUP----- (Separate Illustration)	1
3	S1615	BOLT-----	13
4	9S4180	PLUG-----	1
4	4J7533	SEAL-----	1
5	4N4351	COVER-----	1
4	4N9057	GASKET-----	1
6	4N8179	PIN-----	1
7	2P726	SPRING-----	1
8	4N444	SPACER-----	2
9	4N4320	SHAFT ASSEM.-----	1
10	4N159	GASKET-----	1
12	8S4710	BOLT-----10.16 cm(4 in.) long	3
13	4N53	COVER-----	1
14	S1616	BOLT-----	1
15	9F7022	BOLT-----3.81 cm(1.50 in.) long	1
16	9F6580	BOLT-----2.86 cm(1.125 in.) long	2
25	4N5490	BASE ASSEM. (Includes)	1
26	9S4167	STUD-----	1
27	4N9336	DISC-----	1
28	4N7572	ELBOW-----	1
28	4N9337	GASKET-----	1
29	6N2843	GASKET-----	1
C 30	7N450	VALVE ASSEM.-----	1
31	4N4431	GASKET-----	1
31	6N2810	CHANNEL-----	1
32	9S4191	PLUG-----	1
32	3J1907	SEAL-----	1

C INDICATES CHANGE

215731

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	6N5324	HOUSING ASSEM.----- (Includes)	1
2	4N2333	DOWEL-----	1
3	8S6814	DOWEL-----	2
4	4N5050	PLUG-----	1
5	4N260	SEAL-----	2
6	6N2578	BEARING-----	1
7	4N2786	SEAL-----	1
8	6N5323	GUIDE-----	1
9	9S4180	PLUG-----	1
C 9	4J7533	SEAL-----	1



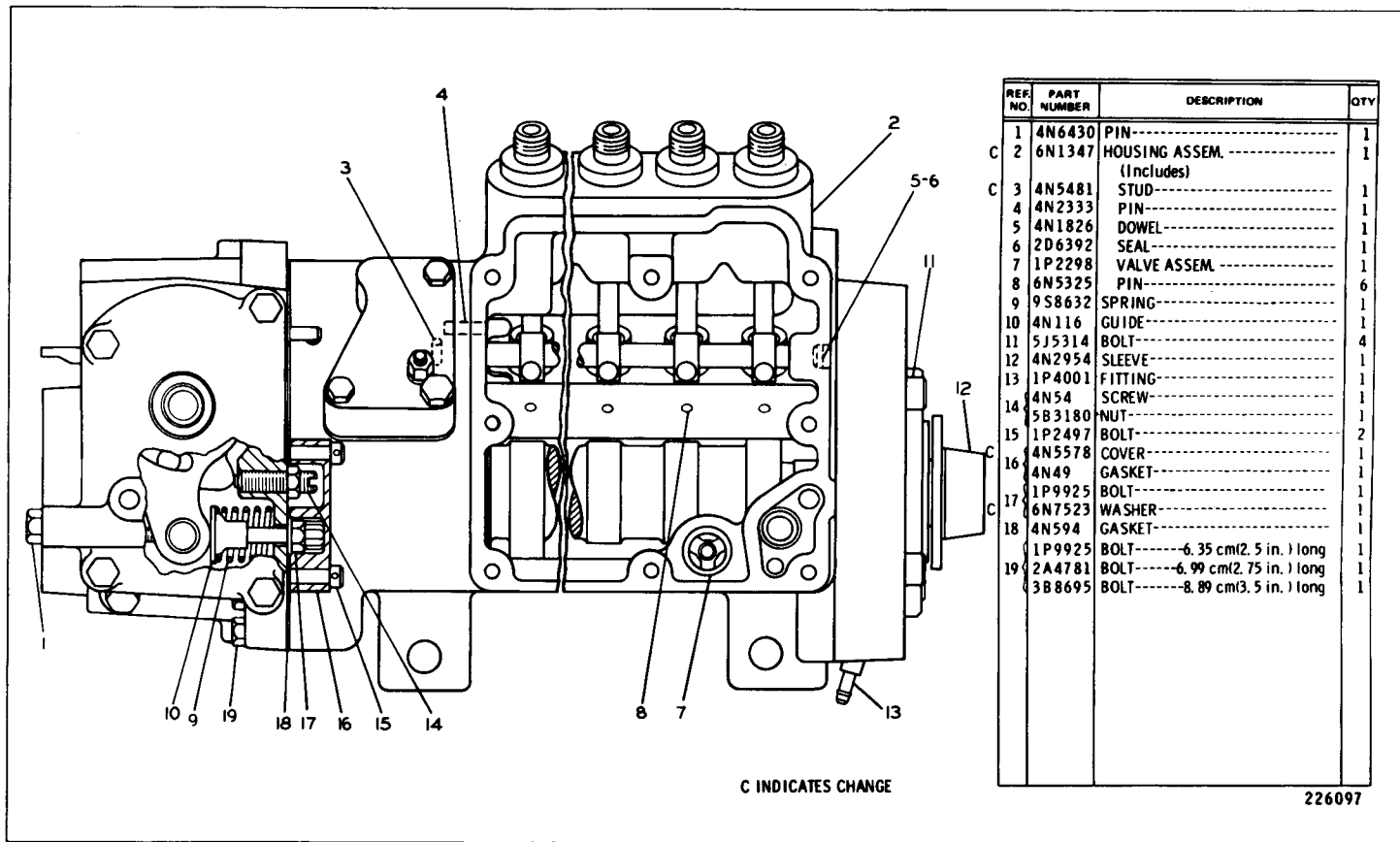
10	4N2927	RACE-----	2
11	4N511	DOWEL-----	3
12	4N446	CARRIER-----	1
13	4N4313	CAMSHAFT-----	1
14	4N2955	BOLT-----	3
15	4N2953	RING-----	1
16	4N2401	BEARING-----	1
17	4N434	RISER-----	1
18	4N9018	SHAFT-----	1
19	4N9019	DOWEL-----	1
20	4N572	SHAFT ASSEM.-----	1
21	5M6509	SEAL-----	1
22	4N406	GEAR----- (10 teeth)	1
C 23	9L6863	BODY ASSEM.----- (Includes)	1
24	8H9804	SHAFT-----	1
25	4N636	SEAL-----	1
26	4N1584	SEAL-----	1
27	8S6814	DOWEL-----	1
28	4N5050	PLUG-----	1
29	4N429	GEAR----- (15 teeth)	1
30	4N527	SPRING-----	1
31	6N2957	WASHER-----	1
32	6N2956	WASHER-----	1
33	4N927	SHAFT ASSEM.-----	1
34	4N1723	SHIELD-----	1
C 35	6N4655	DASHPOT ASSEM.----- (Includes)	1
36	4N6407	SPOOL-----	1
37	4N6406	RING-----	1
38	4N6404	RING-----	1
39	4N425	WEIGHT-----	3
40	4N3779	KEY-----	1
41	6N7451	SEAT-----	1

C INDICATES CHANGE

169365

6N5355 GOVERNOR AND FUEL INJECTION PUMP GROUP—Part 1 of 4—Type 1  
Part of 6N5228 and 6N2840 Governor and Fuel Injection Pump Groups shown on Pages 46D and 47

6N5355 GOVERNOR AND FUEL INJECTION PUMP GROUP—Part 2 of 4—Type 1  
 Part of 6N5228 and 6N2840 Governor and Fuel Injection Pump Groups shown on Pages 46D and 47

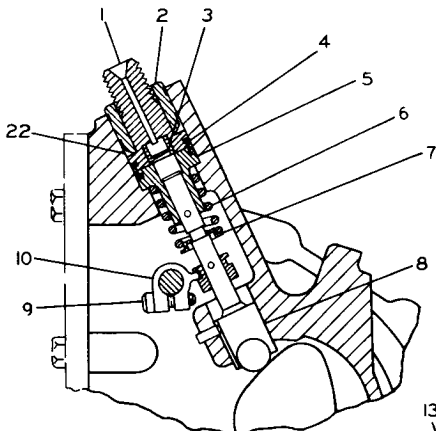


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4N6430	PIN-----	1
C 2	6N1347	HOUSING ASSEM.-----	1
		(Includes)	
C 3	4N5481	STUD-----	1
4	4N2333	PIN-----	1
5	4N1826	DOWEL-----	1
6	2D6392	SEAL-----	1
7	1P2298	VALVE ASSEM.-----	1
8	6N5325	PIN-----	6
9	9S8632	SPRING-----	1
10	4N116	GUIDE-----	1
11	5J5314	BOLT-----	4
12	4N2954	SLEEVE-----	1
13	1P4001	FITTING-----	1
14	4N54	SCREW-----	1
15	5B3180	NUT-----	1
16	1P2497	BOLT-----	2
17	4N5578	COVER-----	1
18	4N49	GASKET-----	1
19	1P9925	BOLT-----	1
		6.35 cm(2.5 in.) long	
	2A4781	BOLT-----	1
		6.99 cm(2.75 in.) long	
	3B8695	BOLT-----	1
		8.89 cm(3.5 in.) long	

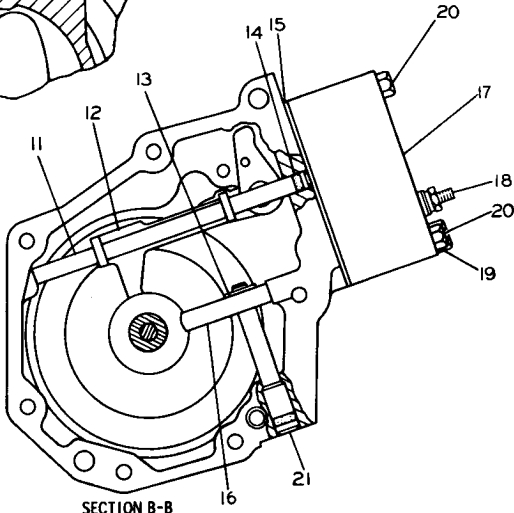
C INDICATES CHANGE

226097





SECTION A-A



SECTION B-B

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4N209	BONNET-----	6
2	4N218	BUSHING-----	6
3	9B1320	VALVE-----	6
3	9L9424	SPRING-----	6
4	4N224	RING-----	6
5	4N1765	PLUNGER & BARREL ASSEM.-----	6
6	4N4318	SPRING-----	6
7	4N2728	WASHER-----	6
8	4N1750	LIFTER-----	6
8	4N2685	ROLLER-----	6
9	2N2658	SCREW-----	6
10	4N1763	LEVER-----	6
11	4N528	SHAFT-----	1
12	4N2677	LEVER ASSEM.-----	1
13	2M7819	RING-----	1
14	3H442	SEAL-----	1
15	4N508	GASKET-----	1

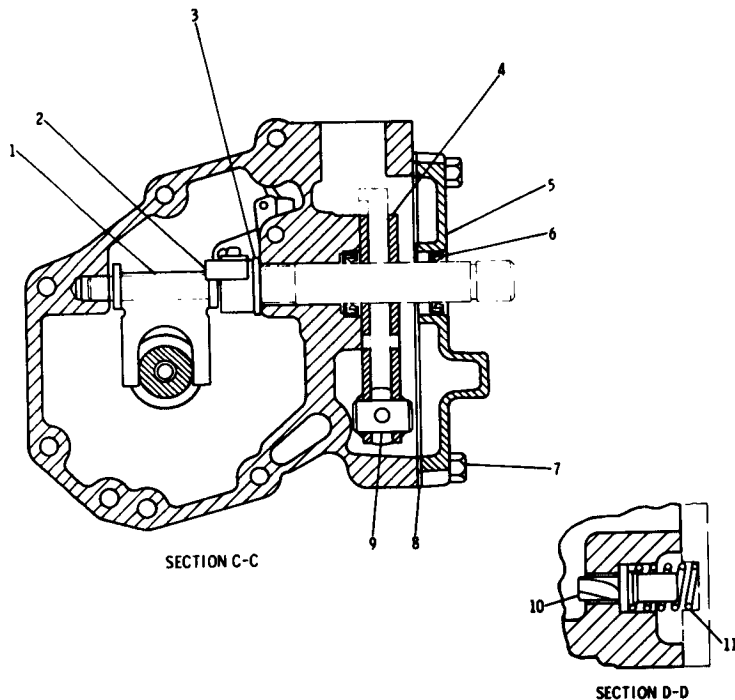
16	4N445	LEVER-----	1
	4N1591	COVER ASSEM.-----	1
17		(Includes)	
	6N411	COVER-----	1
	6N412	SCREW-----	1
	4B2042	NUT-----	1
18	3B4501	LOCKWASHER-----	1
	1P7326	WASHER-1.52 mm(.06 in.)thick	1
	8F1326	WASHER-.81 mm(.032 in.)thick	1
	2P3200	BOLT-----	1
19	1J9671	SEAL-----	1
20	2M5471	BOLT-----	2
21	4N523	DOWEL-----	1
	2D6392	SEAL-----	1
22	4N223	SEAL-----	6

C INDICATES CHANGE

227856

6N5355 GOVERNOR AND FUEL INJECTION PUMP GROUP—Part 3 of 4—Type 1  
Part of 6N5228 and 6N2840 Governor and Fuel Injection Pump Groups shown on  
Pages 46D and 47

6N5355 GOVERNOR AND FUEL INJECTION PUMP GROUP—Part 4 of 4—Type 1  
 Part of 6N5228 and 6N2840 Governor and Fuel Injection Pump Group shown on Pages 46D and 47

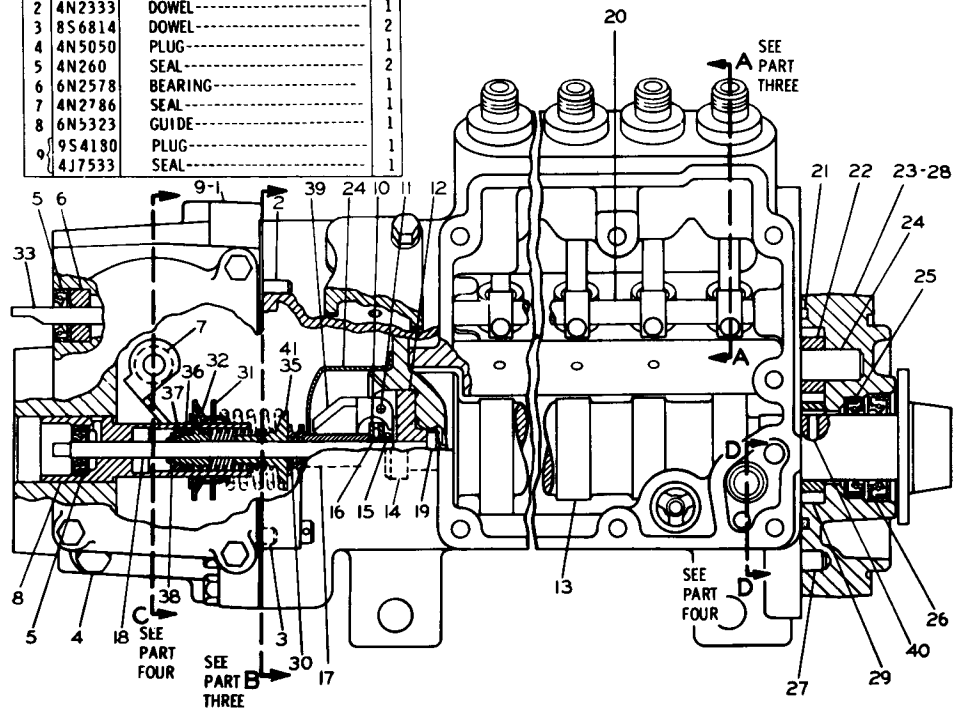


REF NO.	PART NUMBER	DESCRIPTION	QTY
1	4N1881	LEVER-----	1
	4N448	LEVER ASSEM.-----	1
2		(Includes)	
	9L8571	DOWEL-----	1
3	8F5368	WASHER-----	1
4	6N5482	PLATE-----	2
5	4N687	COVER ASSEM.-----	1
		(Includes)	
6	4N2786	SEAL-----	1
7	51616	BOLT-----	4
8	4N402	GASKET-----	1
9	9S8601	PIN-----	1
10	4N1767	VALVE-----	1
11	4N605	SPRING-----	1

C INDICATES CHANGE

223580

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	6N5324	HOUSING ASSEM. (Includes)	1
2	4N2333	DOWEL	1
3	8S6814	DOWEL	2
4	4N5050	PLUG	1
5	4N260	SEAL	2
6	6N2578	BEARING	1
7	4N2786	SEAL	1
8	6N5323	GUIDE	1
9	9S4180	PLUG	1
9	4J7533	SEAL	1

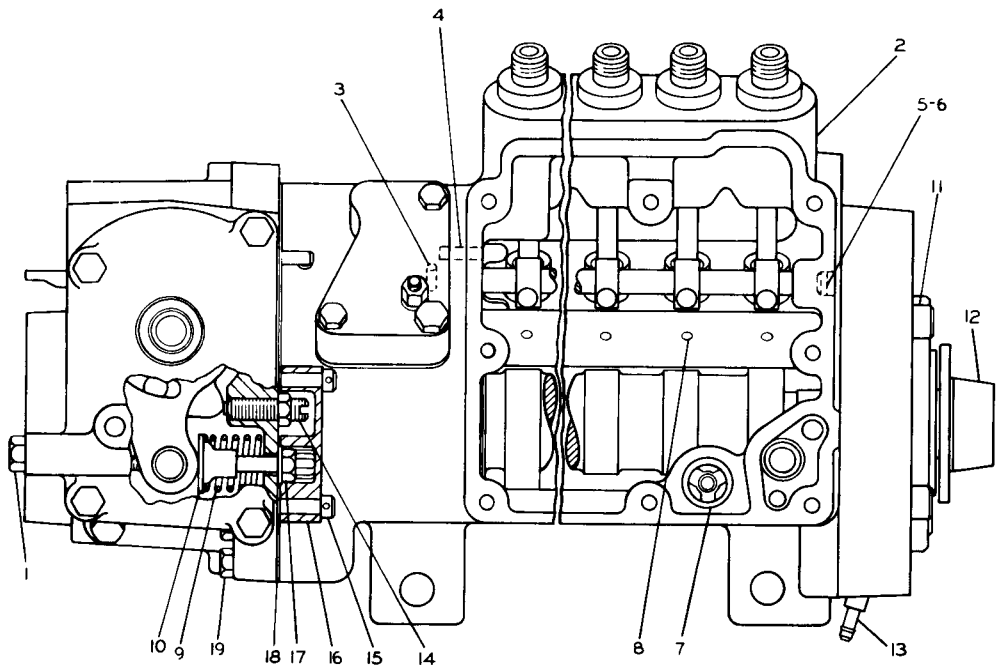


10	4N2927	RACE	2
11	4N511	DOWEL	3
12	4N446	CARRIER	1
13	4N4313	CAMSHAFT	1
14	4N2955	BOLT	3
15	4N2953	RING	1
16	4N2401	BEARING	1
17	4N434	RISER	1
18	4N9018	SHAFT	1
19	4N9019	DOWEL	1
20	4N572	SHAFT ASSEM.	1
21	5M6509	SEAL	1
22	4N406	GEAR—(10 teeth)	1
23	9L6863	BODY ASSEM. (Includes)	1
24	8H9804	SHAFT	1
25	4N636	SEAL	1
26	4N1584	SEAL	1
27	8S6814	DOWEL	1
28	4N5050	PLUG	1
29	4N429	GEAR—(15 teeth)	1
30	4N527	SPRING	1
31	6N2957	WASHER	1
32	6N2956	WASHER	1
33	4N927	SHAFT ASSEM.	1
34	4N1723	SHIELD	1
35	6N4655	DASHPOT ASSEM. (Includes)	1
36	4N6407	SPOOL	1
37	4N6406	RING	1
38	4N6404	RING	1
39	4N425	WEIGHT	3
40	4N3779	KEY	1
41	6N7451	SEAT	1

221809

6N5355 GOVERNOR AND FUEL INJECTION PUMP GROUP—Part 1 of 4—Type 2  
Part of 6N5228 and 6N2840 Governor and Fuel Injection Pump Groups shown on Pages 46D and 47

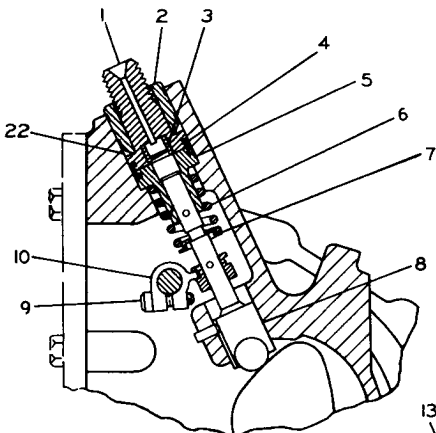
6N5355 GOVERNOR AND FUEL INJECTION PUMP GROUP—Part 2 of 4—Type 2  
 Part of 6N5228 and 6N2840 Governor and Fuel Injection Pump Groups shown on Pages 46D and 47



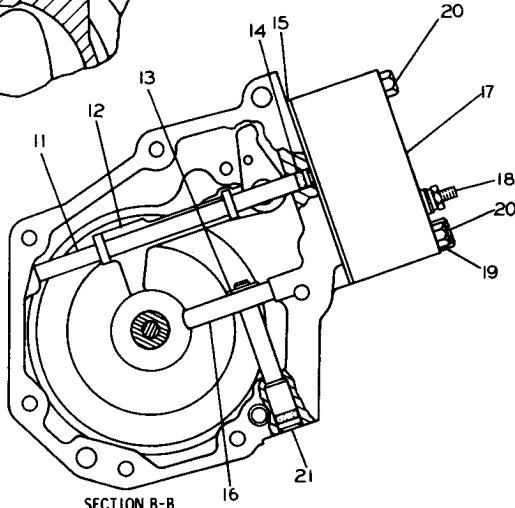
C INDICATES CHANGE

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4N6430	PIN-----	1
C 2	8N1570	HOUSING ASSEM. -----	1
		(Includes)	
3	4N5481	STUD-----	1
4	4N2333	PIN-----	1
5	4N1826	DOWEL-----	1
6	2D6392	SEAL-----	1
7	1P2298	VALVE ASSEM. -----	1
8	8N984	PIN-----	6
9	9S8632	SPRING-----	1
10	4N116	GUIDE-----	1
11	5J5314	BOLT-----	4
12	4N2954	SLEEVE-----	1
13	1P4001	FITTING-----	1
	4N54	SCREW-----	1
14	5B3180	NUT-----	1
15	1P2497	BOLT-----	2
16	4N5578	COVER-----	1
	4N49	GASKET-----	1
	1P9925	BOLT-----	1
17	6N7523	WASHER-----	1
18	4N594	GASKET-----	1
	1P9925	BOLT-----6.35 cm(2.5 in.) long	1
19	2A4781	BOLT-----6.99 cm(2.75 in.) long	1
	3B8695	BOLT-----8.89 cm(3.5 in.) long	1

221810



SECTION A-A



SECTION B-B

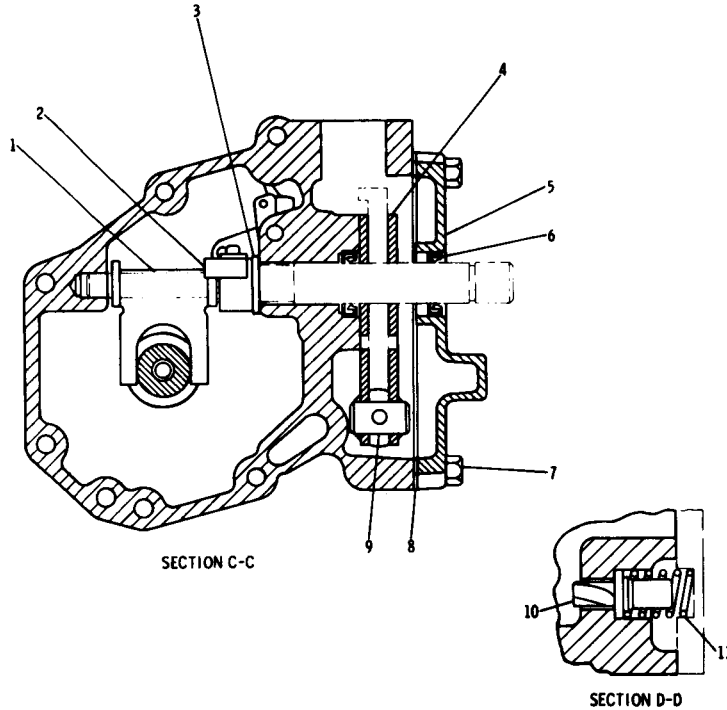
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4N209	BONNET-----	6
2	4N218	BUSHING-----	6
3	9B1320	VALVE-----	6
3	9L9424	SPRING-----	6
4	4N224	RING-----	6
5	4N1765	PLUNGER & BARREL ASSEM.-----	6
6	4N4318	SPRING-----	6
7	4N2728	WASHER-----	6
8	8N1317	LIFTER-----	6
8	4N2685	ROLLER-----	6
9	2N2658	SCREW-----	6
10	4N1763	LEVER-----	6
11	4N528	SHAFT-----	1
12	4N2677	LEVER ASSEM.-----	1
13	2M7819	RING-----	1
14	3H442	SEAL-----	1
15	4N508	GASKET-----	1
16	4N445	LEVER-----	1
17	4N1591	COVER ASSEM.-----	1
17	6N411	COVER-----	1
17	6N412	SCREW-----	1
17	4B2042	NUT-----	1
18	3B4501	LOCKWASHER-----	1
18	1P7326	WASHER-1.52 mm(.06 in.)thick	1
18	8F1326	WASHER-.81 mm(.032 in.)thick	1
19	2P3200	BOLT-----	1
19	1J9671	SEAL-----	1
20	2M5471	BOLT-----	2
20	4N523	DOWEL-----	1
21	2D6392	SEAL-----	1
22	4N223	SEAL-----	6

C INDICATES CHANGE

227857

6N5355 GOVERNOR AND FUEL INJECTION PUMP GROUP—Part 3 of 4—Type 2  
 Part of 6N5228 and 6N2840 Governor and Fuel Injection Pump Groups shown on  
 Pages 46D and 47

6N5355 GOVERNOR AND FUEL INJECTION PUMP GROUP—Part 4 of 4—Type 2  
 Part of 6N5228 and 6N2840 Governor and Fuel Injection Pump Groups shown on Pages 46D and 47

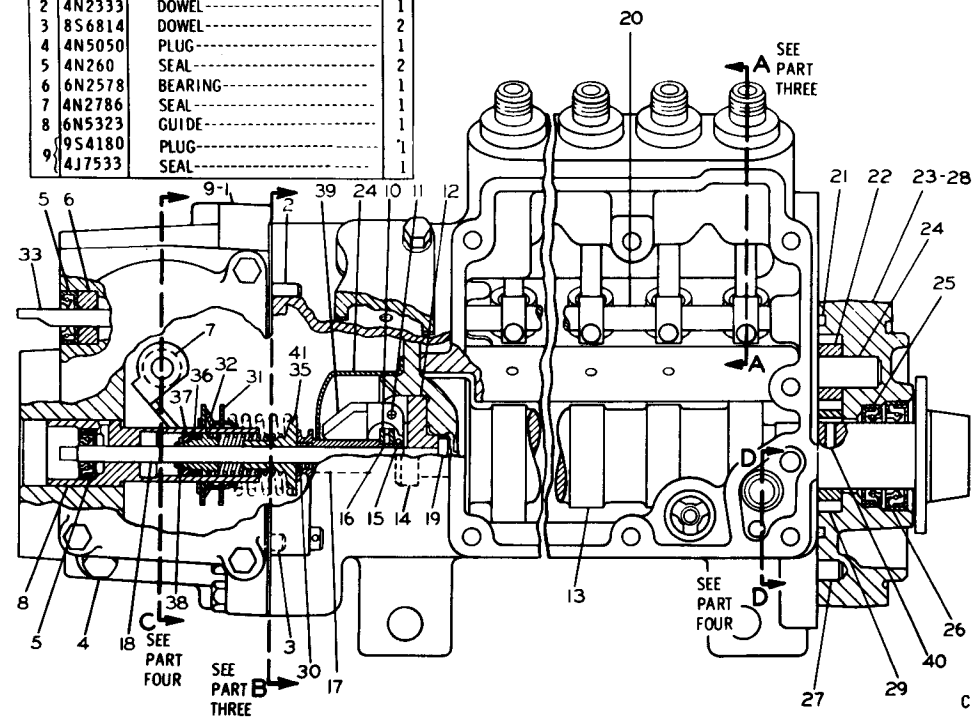


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4N1881	LEVER-----	1
	4N448	LEVER ASSEM.-----	1
2		(Includes)	
	9L8571	DOWEL-----	1
3	8F5368	WASHER-----	1
4	6N5482	PLATE-----	2
5	4N687	COVER ASSEM.-----	1
		(Includes)	
6	4N2786	SEAL-----	1
7	51616	BOLT-----	4
8	4N402	GASKET-----	1
9	9S8601	PIN-----	1
10	4N1767	VALVE-----	1
11	4N605	SPRING-----	1

C INDICATES CHANGE

223580

REF NO.	PART NUMBER	DESCRIPTION	QTY
1	6N5324	HOUSING ASSEM. ----- (Includes)	1
2	4N2333	DOWEL -----	1
3	8S6814	DOWEL -----	2
4	4N5050	PLUG -----	1
5	4N260	SEAL -----	2
6	6N2578	BEARING -----	1
7	4N2786	SEAL -----	1
8	6N5323	GUIDE -----	1
9	9S4180	PLUG -----	1
	4J7533	SEAL -----	1



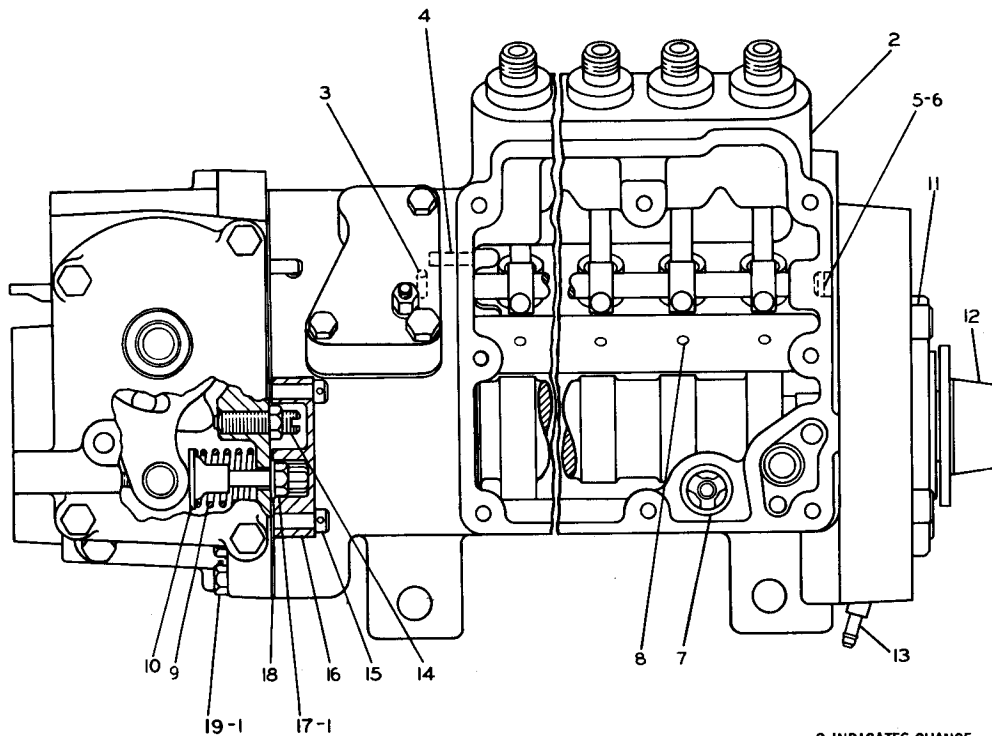
10	4N2927	RACE -----	2
11	4N511	DOWEL -----	3
12	8N2663	CARRIER -----	1
13	4N4313	CAMSHAFT -----	1
14	8N2662	BOLT -----	3
15	4N2953	RING -----	1
16	4N2401	BEARING -----	1
17	4N434	RISER -----	1
18	4N9018	SHAFT -----	1
19	4N9019	DOWEL -----	1
20	4N572	SHAFT ASSEM. -----	1
21	5M6509	SEAL -----	1
22	4N406	GEAR ----- (10 teeth) -----	1
23	9L6863	BODY ASSEM. ----- (Includes)	1
24	8H9804	SHAFT -----	1
25	4N636	SEAL -----	1
26	4N1584	SEAL -----	1
27	8S6814	DOWEL -----	1
28	4N5050	PLUG -----	1
29	4N429	GEAR ----- (15 teeth) -----	1
30	4N527	SPRING -----	1
31	6N2957	WASHER -----	1
32	6N2956	WASHER -----	1
33	4N927	SHAFT ASSEM. -----	1
34	4N1723	SHIELD -----	1
35	6N4655	DASHPOT ASSEM. ----- (Includes)	1
36	4N6407	SPOOL -----	1
37	4N6406	RING -----	1
38	4N6404	RING -----	1
39	4N425	WEIGHT -----	3
40	4N3779	KEY -----	1
41	6N7451	SEAT -----	1

C INDICATES CHANGE

175304

6N5355 GOVERNOR AND FUEL INJECTION PUMP GROUP—Part 1 of 4—Type 3  
Part of 6N5228 and 6N2840 Governor and Fuel Injection Pump Groups shown on Pages 46D and 47

6N5355 GOVERNOR AND FUEL INJECTION PUMP GROUP—Part 2 of 4—Type 3  
 Part of 6N5228 and 6N2840 Governor and Fuel Injection Pump Groups shown on Pages 46D and 47

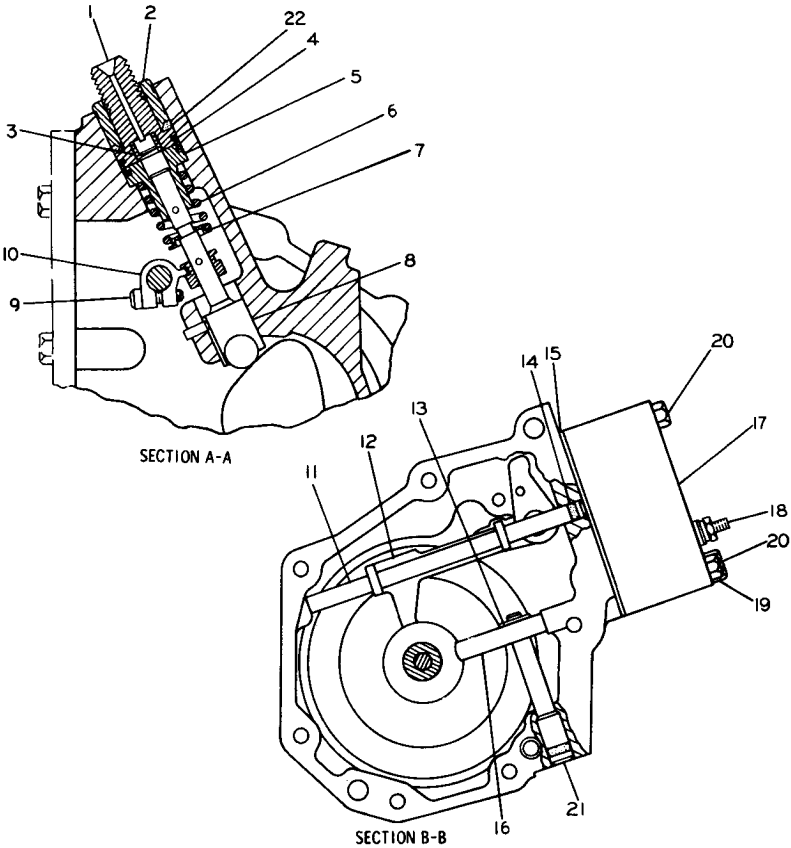


REF NO.	PART NUMBER	DESCRIPTION	QTY
C 1	6N7523	WASHER-----	2
2	8N1570	HOUSING ASSEM.----- (Includes)	1
3	4N5481	STUD-----	1
4	4N2333	PIN-----	1
5	4N1826	DOWEL-----	1
6	2D6392	SEAL-----	1
7	1P2298	VALVE ASSEM.-----	1
8	8N984	PIN-----	6
9	9S8632	SPRING-----	1
10	4N116	GUIDE-----	1
11	5J5314	BOLT-----	4
12	4N2954	SLEEVE-----	1
13	1P4001	FITTING-----	1
14	4N54	SCREW-----	1
15	5B3180	NUT-----	1
16	1P2497	BOLT-----	2
17	4N5578	COVER-----	1
18	4N49	GASKET-----	1
19	1P9925	BOLT-----6.35 cm(2.5 in.) long	1
	2A4781	BOLT-----6.99 cm(2.75 in.) long	1
	3B8695	BOLT-----8.89 cm(3.5 in.) long	1

C INDICATES CHANGE

227876





REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4N209	BONNET-----	6
2	4N218	BUSHING-----	6
3	4N2655	VALVE-----	6
4	9L9424	SPRING-----	6
5	4N224	RING-----	6
6	4N1765	PLUNGER & BARREL ASSEM.-----	6
7	4N4318	SPRING-----	6
8	4N2728	WASHER-----	6
9	8N1317	LIFTER-----	6
10	4N2685	ROLLER-----	6
11	2N2658	SCREW-----	6
12	4N1763	LEVER-----	6
13	4N528	SHAFT-----	1
14	4N2677	LEVER ASSEM.-----	1
15	2M7819	RING-----	1
16	3H442	SEAL-----	1
17	4N508	GASKET-----	1

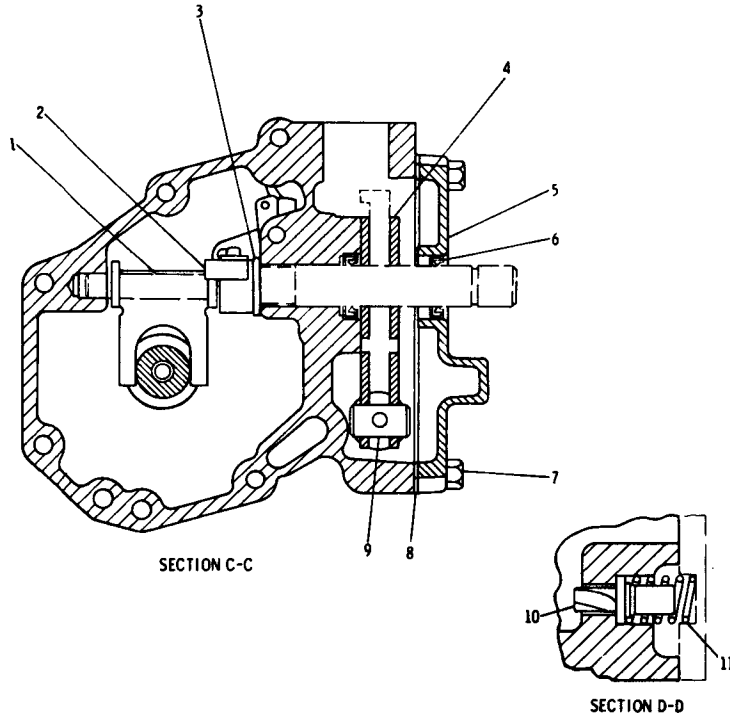
16	4N445	LEVER-----	1
	4N1591	COVER ASSEM.-----	1
17		(Includes)	
	6N411	COVER-----	1
	6N412	SCREW-----	1
	4B2042	NUT-----	1
18	3B4501	LOCKWASHER-----	1
	1P7326	WASHER-1,52 mm(.06 in.)thick	1
	8F1326	WASHER-.81 mm(.032 in.)thick	1
19	2P3200	BOLT-----	1
	1J9671	SEAL-----	1
20	2M5471	BOLT-----	2
	4N523	DOWEL-----	1
21	2D6392	SEAL-----	1
C 22	6F6672	SEAL-----	6

C INDICATES CHANGE

227858

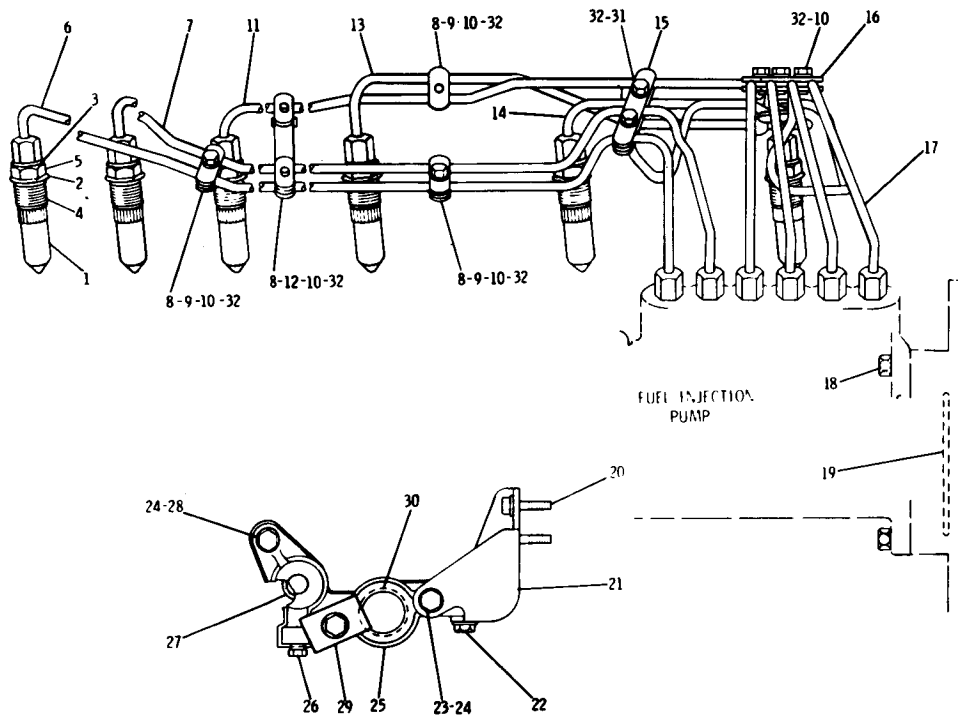
6N5355 GOVERNOR AND FUEL INJECTION PUMP GROUP—Part 3 of 4—Type 3  
 Part of 6N5228 and 6N2840 Governor and Fuel Injection Pump Groups shown on  
 Pages 46D and 47

6N5355 GOVERNOR AND FUEL INJECTION PUMP GROUP—Part 4 of 4—Type 3  
 Part of 6N5228 and 6N2840 Governor and Fuel Injection Pump Groups shown on Pages 46D and 47



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	4N1881	LEVER-----	1
	4N448	LEVER ASSEM.-----	1
2		(Includes)	
	9L8571	DOWEL-----	1
3	8F5368	WASHER-----	1
4	6N5482	PLATE-----	2
5	4N687	COVER ASSEM.-----	1
		(Includes)	
6	4N2786	SEAL-----	1
7	51616	BOLT-----	4
8	4N402	GASKET-----	1
9	9S8601	PIN-----	1
10	4N1767	VALVE-----	1
11	4N605	SPRING-----	1

175307



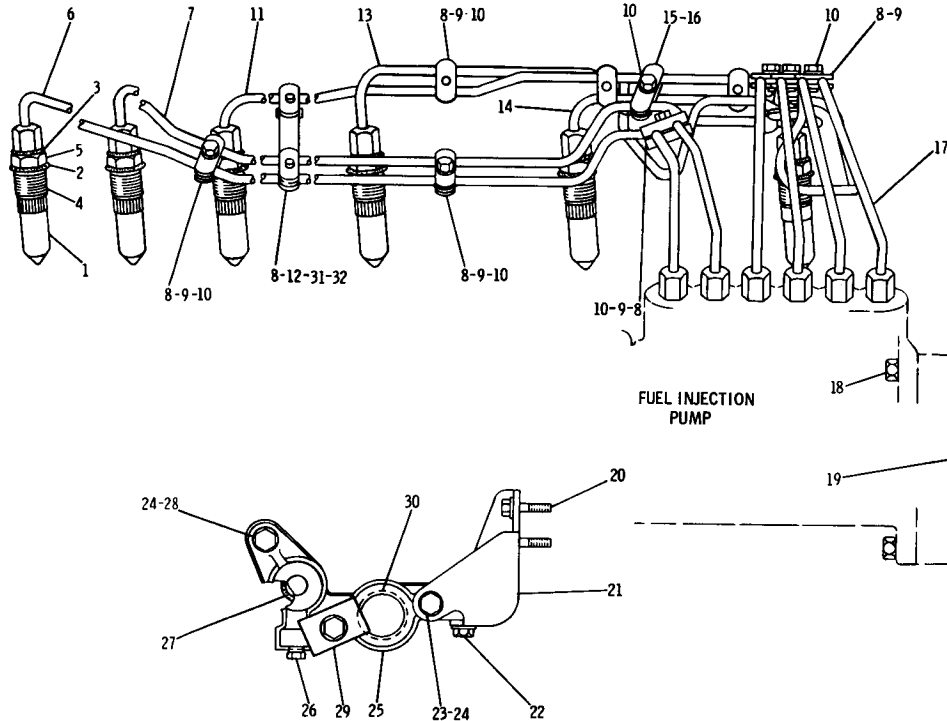
C INDICATES CHANGE

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	7S9891	FUEL VALVE-----	6
2	5B3718	SEAL-----	6
3	6F1069	SEAL ASSEM.-----	6
4	8S2389	BODY-----	6
5	5H7225	NUT-----	6
6	7N2876	LINE ASSEM.----- (no. 6)-----	1
7	7N2875	LINE ASSEM.----- (no. 5)-----	1
8	6N6403	CLAMP----- (tapped)-----	7
9	6N6404	CLAMP-----	5
10	S1615	BOLT-----	13
11	7N2874	LINE ASSEM.----- (no. 4)-----	1
12	7N4156	CLAMP ASSEM.-----	1
13	7N2873	LINE ASSEM.----- (no. 3)-----	1
14	7N2872	LINE ASSEM.----- (no. 2)-----	1
15	7N2877	CLAMP----- (tapped)-----	1
15	7N2878	CLAMP-----	1
16	6N5124	CLAMP----- (tapped)-----	3
16	6N5125	CLAMP-----	3
17	7N2871	LINE ASSEM.----- (no. 1)-----	1
18	1B4203	NUT-----	3
19	2H3934	SEAL-----	1
20	2A5546	BOLT-----	2
20	5P537	WASHER-----	2
21	6N4682	BRACKET-----	1
22	2B2695	BOLT-----	2
22	9M1974	WASHER-----	2
23	S1619	BOLT-----	2
24	5M2894	WASHER-----	3
25	2P5641	ADAPTER-----	1
26	5M6214	PLUG-----	1
27	8M5253	SEAL-----	1
28	1A2029	BOLT-----	1
29	4D9786	BLOCK-----	1
30	8M5248	SEAL-----	1
31	4F7957	BOLT-----	2
32	3B4504	WASHER-----	15

220103

7N4016 FUEL INJECTION LINES GROUP  
 Engine Serial No. 3N69600 to 3N84302 inclusive

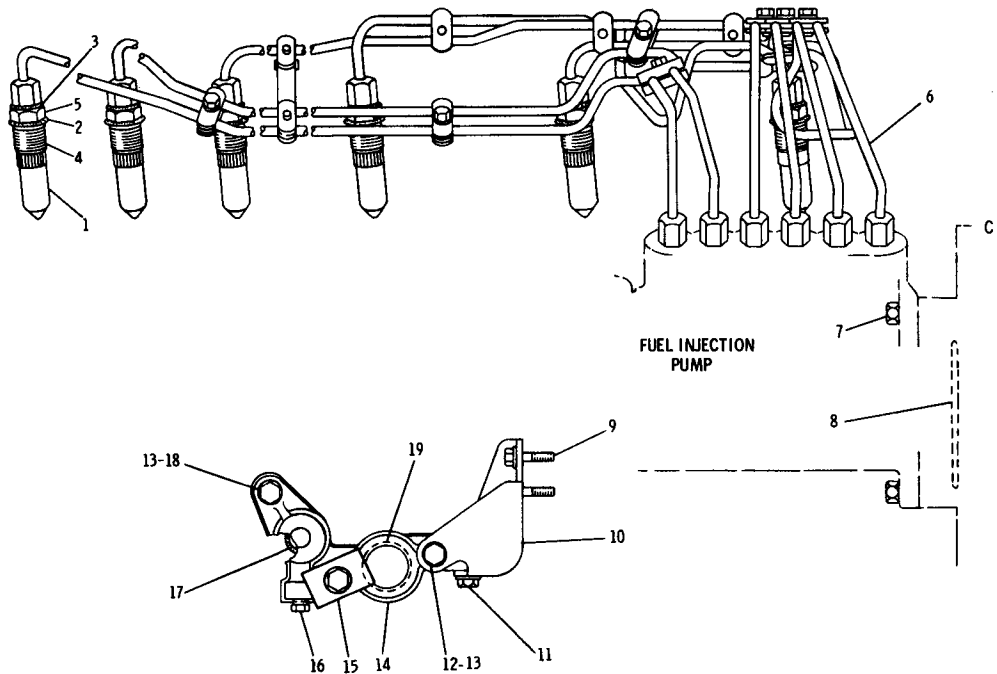
**7N4016 FUEL INJECTION LINES GROUP**  
 Engine Serial No. 3N84303 to 3N91064 inclusive



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
C 1	8N8796	FUEL VALVE-----	6
2	5B3718	SEAL-----	6
3	6F1069	SEAL ASSEM.-----	6
4	8S2389	BODY-----	6
5	5H7225	NUT-----	6
6	7N2876	LINE ASSEM.-----(no. 6)-----	1
7	7N2875	LINE ASSEM.-----(no. 5)-----	1
C 8	6N6403	CLAMP----- (tapped)-----	13
C 9	6N6404	CLAMP-----	11
C 10	6H9954	MACHINE SCREW-----	13
11	7N2874	LINE ASSEM.-----(no. 4)-----	1
12	7N4156	CLAMP ASSEM.-----	1
C 13	8N9733	LINE ASSEM.-----(no. 3)-----	1
14	7N2872	LINE ASSEM.-----(no. 2)-----	1
C 15	8N9809	CLAMP----- (tapped)-----	1
C 16	8N9810	CLAMP-----	1
17	7N2871	LINE ASSEM.-----(no. 1)-----	1
18	1B4203	NUT-----	3
19	2H3934	SEAL-----	1
20	2A5546	BOLT-----	2
	5P537	WASHER-----	2
21	6N4682	BRACKET-----	1
22	2B2695	BOLT-----	2
	9M1974	WASHER-----	2
23	51619	BOLT-----	2
24	5M2894	WASHER-----	3
25	2P5641	ADAPTER-----	1
26	5M6214	PLUG-----	1
27	8M5253	SEAL-----	1
28	1A2029	BOLT-----	1
29	4D9786	BLOCK-----	1
30	8M5248	SEAL-----	1
C 31	2A762	BOLT-----	1
C 32	3B4504	LOCKWASHER-----	1

C INDICATES CHANGE

175937



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	8N8796	FUEL VALVE-----	6
2	5B3718	SEAL-----	6
3	6F1069	SEAL ASSEM.-----	6
4	8S2389	BODY-----	6
5	5H7225	NUT-----	6
6	8N9617	LINES GROUP----- (Separate Illustration)	1
7	1B4203	NUT-----	3
8	2H3934	SEAL-----	1
9	2A5546	BOLT-----	2
	5P537	WASHER-----	2
10	6N4682	BRACKET-----	1
11	2B2695	BOLT-----	2
	9M1974	WASHER-----	2
12	S1619	BOLT-----	2
13	5M2894	WASHER-----	3
14	2P5641	ADAPTER-----	1
15	4D9786	BLOCK-----	1
16	5M6214	PLUG-----	1
17	8M5253	SEAL-----	1
18	1A2029	BOLT-----	1
19	8M5248	SEAL-----	1

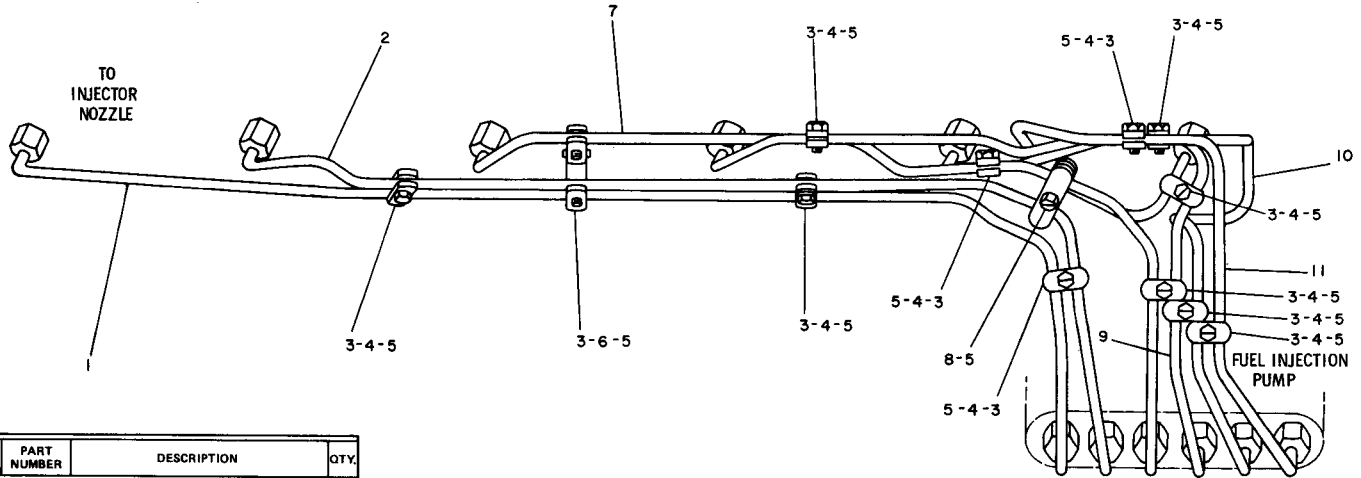
C INDICATES CHANGE

C INDICATES CHANGE

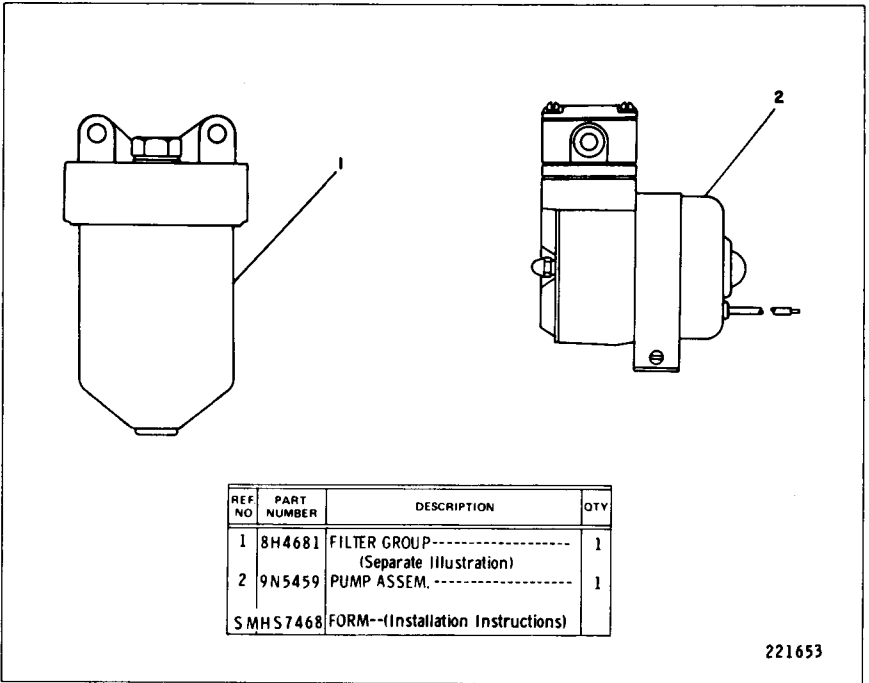
176836

7N4016 FUEL INJECTION LINES GROUP  
 Engine Serial No. 3N91065—Up  
 8N9617 Lines parts are shown on Page 52-3

8N9617 FUEL INJECTION LINES GROUP  
 Engine Serial No. 3N91065—Up  
 Part of 7N4016 Fuel Injection Lines Group shown on Page 52-2



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	7N2876	LINE ASSEM. ---(no. 6)-----	1
2	7N2875	LINE ASSEM. ---(no. 5)-----	1
3	6N6403	CLAMP----- (tapped)-----	13
4	6N6404	CLAMP-----	11
5	6H9954	MACHINE SCREW ASSEM. -----	14
6	7N4156	CLAMP ASSEM. -----	1
7	7N2874	LINE ASSEM. -----(no. 4)-----	1
8	8N9809	CLAMP----- (tapped)-----	1
	8N9810	CLAMP-----	1
9	8N9733	LINE ASSEM. -----(no. 3)-----	1
10	7N2872	LINE ASSEM. -----(no. 2)-----	1
11	7N2871	LINE ASSEM. -----(no. 1)-----	1



**9N5458 FUEL PUMP GROUP—Boost—12 Volt—Field Installation**  
 8H4681 Fuel Filter parts are shown on Page 52B. Provides positive pressure to the sleeve metering fuel system components on the suction side of the fuel transfer pump

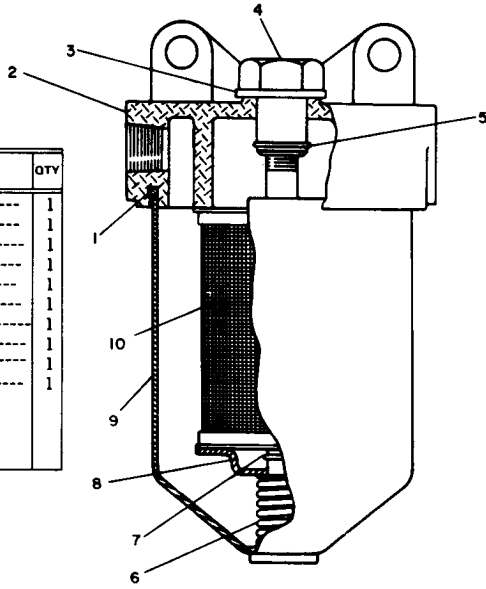
CONSISTS OF:

			PAGE
1	8H4681	PRIMARY FUEL FILTER GROUP .....	52B
1	6N6	FUEL PUMP ASSEMBLY	
1	.....	FORM SMHS7468	

**8N3569 FUEL PUMP GROUP—Boost—24 Volt—Field Installation**  
 Provides positive pressure to the sleeve metering fuel system components on the suction side of the fuel transfer pump

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8H2778	GASKET-----	1
2	7H9680	COVER-----	1
3	8N4410	WASHER-----	1
4	8H2807	NUT-----	1
5	1L3769	RING-----	1
6	7S9323	SPRING-----	1
7	2H3429	RING-----	1
8	7H9678	RETAINER-----	1
9	8H2810	CASE ASSEM. ---	1
10	9M2341	ELEMENT ASSEM. ---(washable)---	1

C



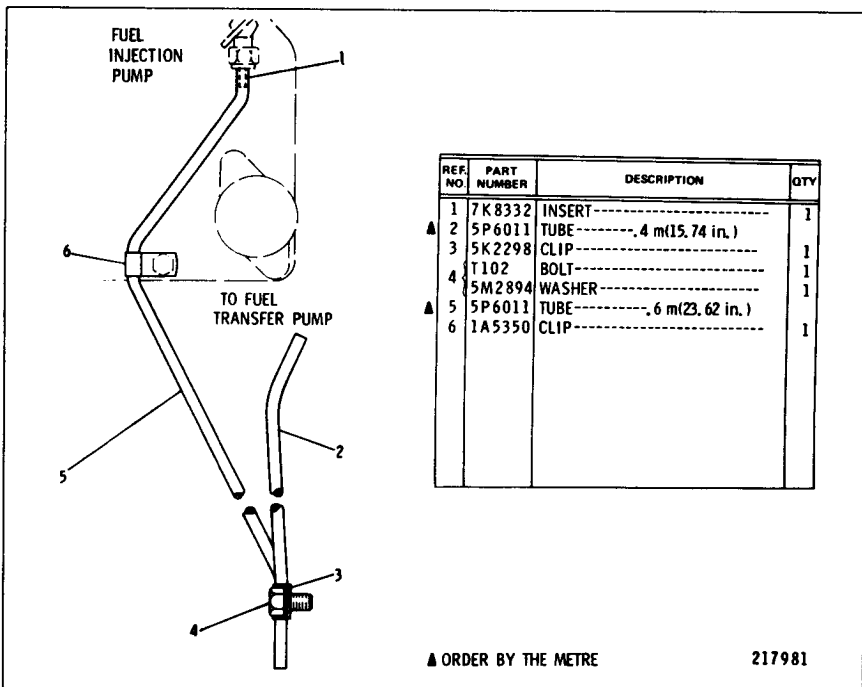
C INDICATES CHANGE

225778

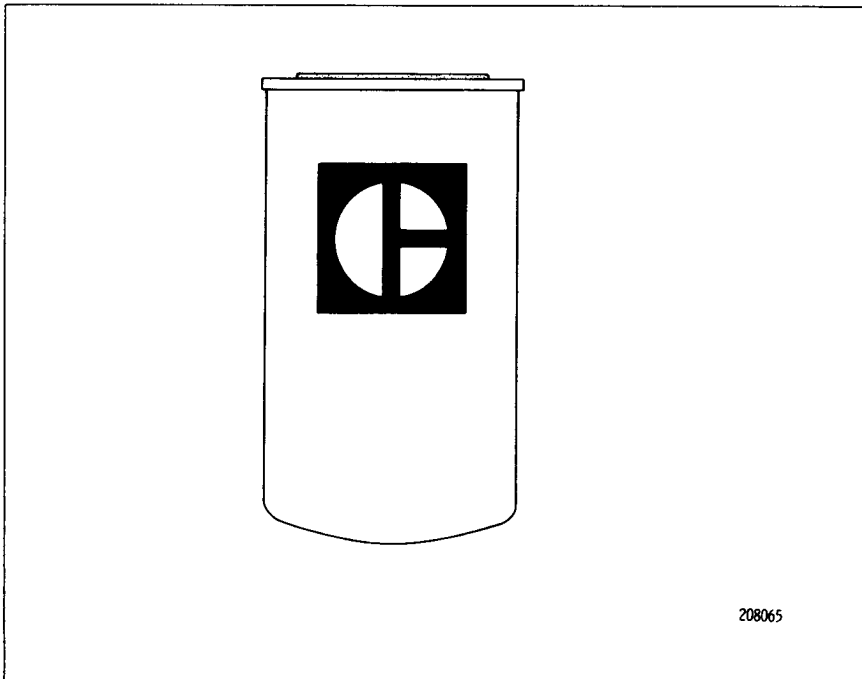
8H4681 PRIMARY FUEL FILTER GROUP

Part of 9N5458 and 8N3569 Fuel Pump Groups are shown and listed on Page 52A



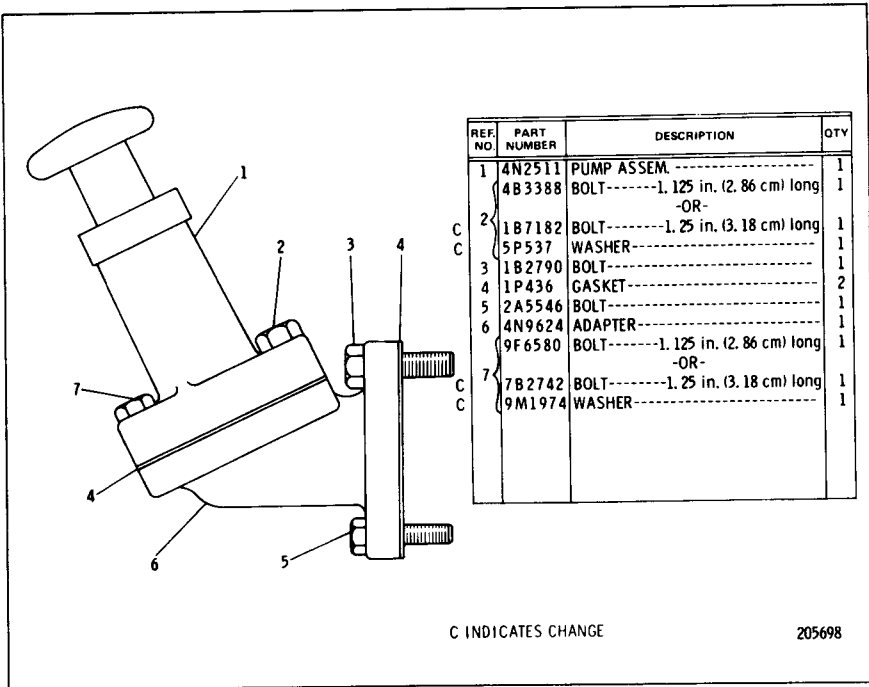


7N3616 DRAIN LINES GROUP



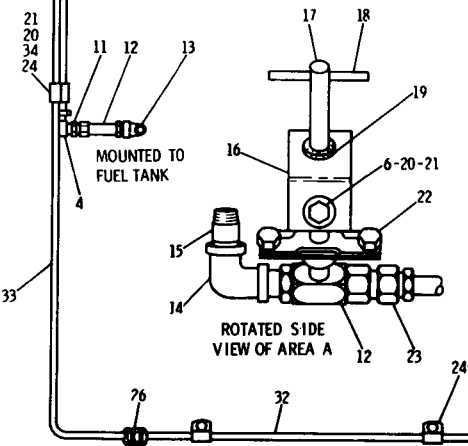
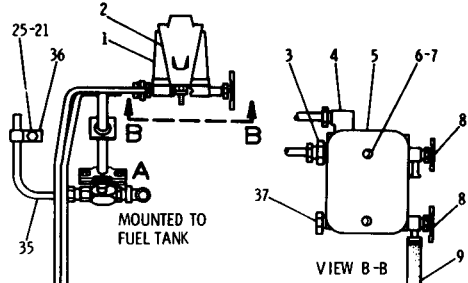
208065

1P2299 FUEL FILTER ASSEMBLY



4N9625 FUEL PRIMING PUMP GROUP

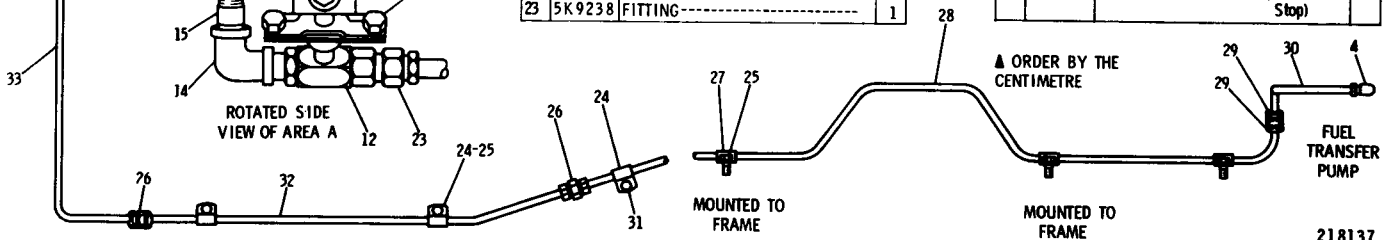
# 8P7742 FUEL LINES GROUP



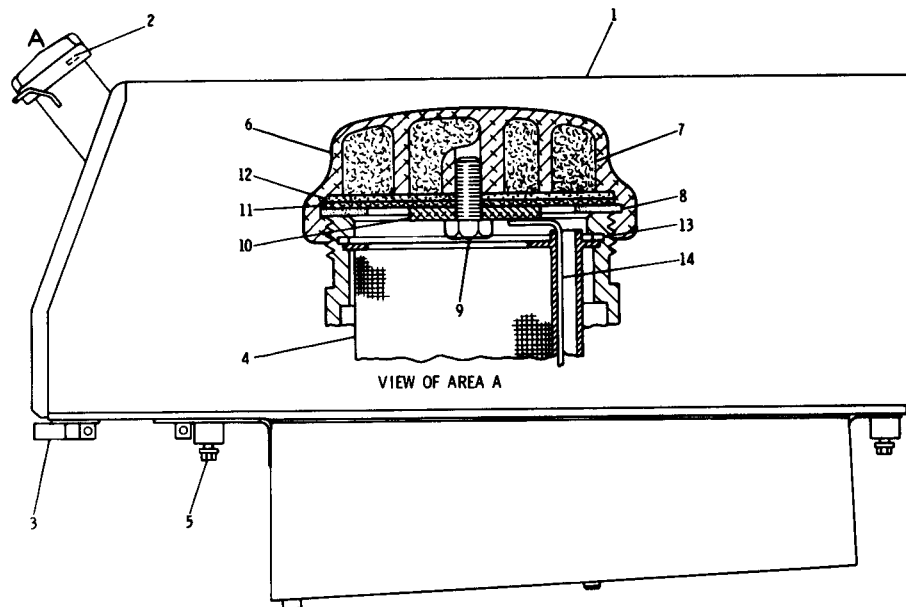
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	6N7617	ELEMENT-----	1
2	6N7618	CLAMP-----	1
3	5K9246	CONNECTOR-----	1
4	5K9235	ELBOW-----	3
5	6N7624	BASE-----	1
6	S1594	BOLT-----	3
7	4B4278	WASHER-----	2
8	5P7833	VALVE-----	2
9	5P1442	HOSE-----10 cm(4 in.)	1
10	3S5096	CLAMP-----	1
10	7G1600	TUBE ASSEM. (Includes)	1
11	2K8851	NUT-----	2
11	3B7722	BUSHING-----	1
12	5P7090	VALVE-----	2
13	32143	ELBOW-----	1
14	39014	ELBOW-----	1
15	3B7742	NIPPLE-----	1
16	9P7215	BRACKET-----	1
17	8P8438	HANDLE ASSEM.-----	1
18	1J5353	PIN-----	1
19	3P9554	GROMMET-----	1
20	1D4717	NUT-----	2
21	5P1075	WASHER-----	3
22	S1614	BOLT-----	2
22	1B4330	NUT-----	2
23	5K9238	FITTING-----	1

24	8B6127	CLIP-----	5
25	S509	BOLT-----	6
26	7K1456	UNION-----	3
27	9S1350	CLIP-----	3
28	5P1200	TUBE-----209 cm(82.30 in.)	1
29	2K8851	NUT-----	4
30	5P1200	TUBE-----73 cm(28.44 in.)	1
31	L2070	BOLT-----	1
31	8B2026	SPACER-----	1
32	7G1601	TUBE ASSEM. (Includes)	1
32	2K8851	NUT-----	2
32	7G1599	TUBE ASSEM. (Includes)	1
33	2K8851	NUT-----	2
34	T102	BOLT-----	1
34	9P7956	TUBE ASSEM. (Includes)	1
35	3K846	NUT-----	1
36	5D6523	CLIP-----	1
37	5M6213	PLUG-----	1

THE FOLLOWING REPAIR KIT IS AVAILABLE FOR SERVICE OF 5P7090 VALVE (valve)  
 5P8209 KIT-----1  
 (Includes Screw, Handle, Skirt & Stop)



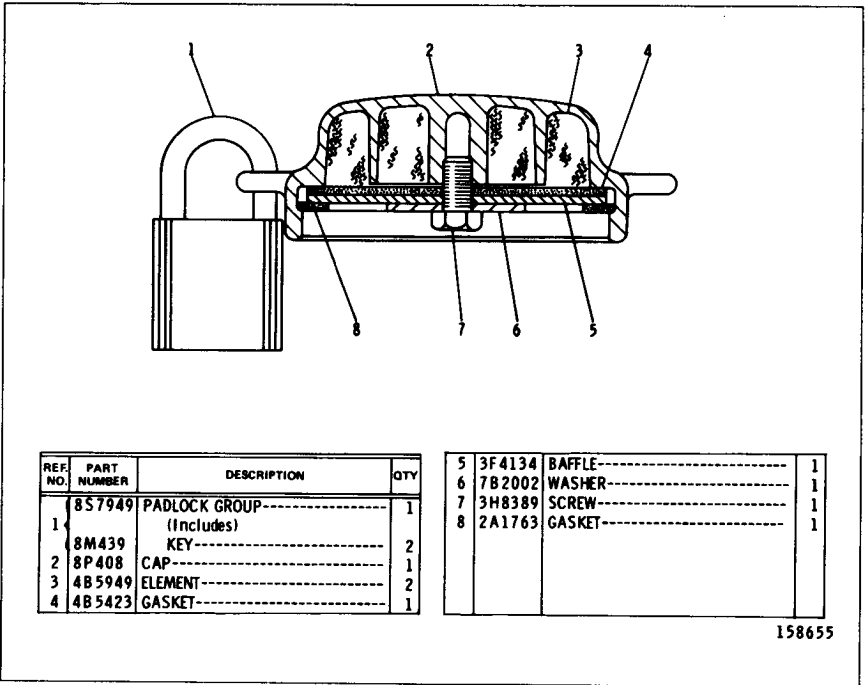
FUEL SYSTEM AND GOVERNOR



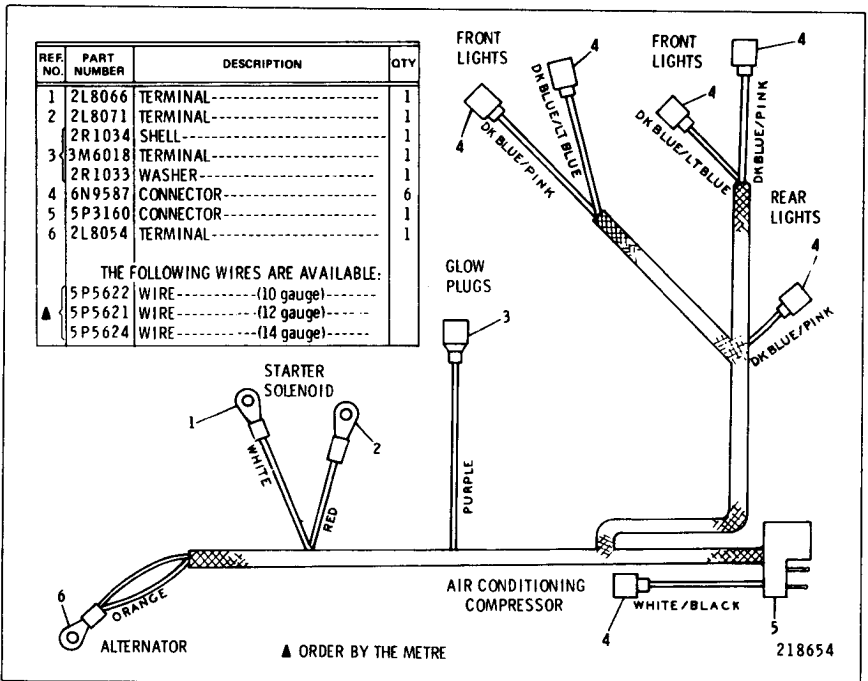
REF NO.	PART NUMBER	DESCRIPTION	QTY
1	9P928	TANK ASSEM.----- (Includes)	1
2	2A5687	PIN-----	1
3	6D5767	BLOCK-----	1
4	9P7121	SCREEN ASSEM.-----	1
5	1A458	BOLT-----	4
5	2S115	WASHER-----	4
6	4B5441	CAP ASSEM.----- (Includes)	1
7	4B5949	ELEMENT-----	2
8	2A1763	GASKET-----	1
9	3H8389	SCREW-----	1
10	7B2002	WASHER-----	1
11	3F4134	BAFFLE-----	1
12	4B5423	GASKET-----	1
13	8H3497	RING-----	1
14	9P927	PLUNGER-----	1

169519

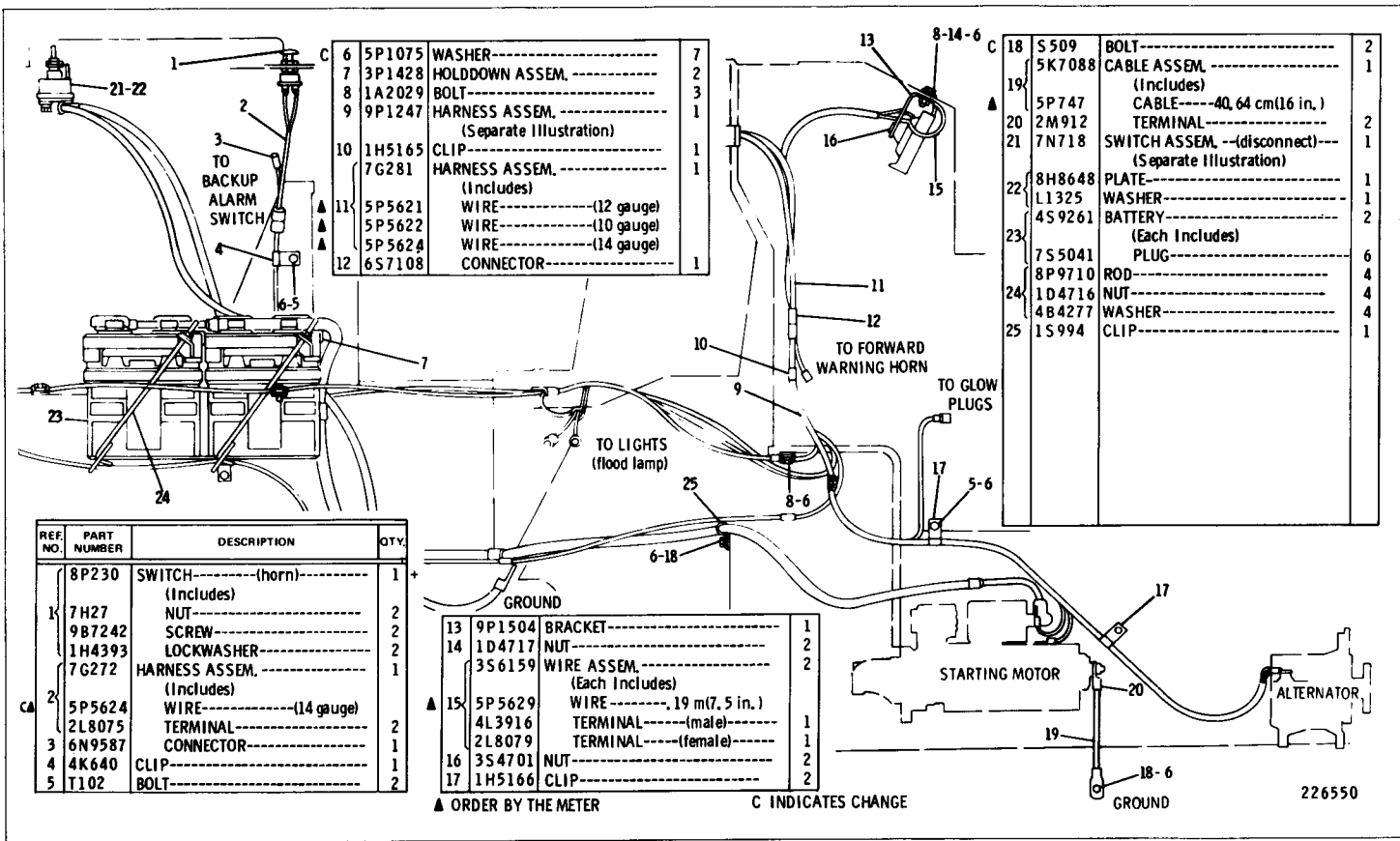
8P7743 FUEL TANK GROUP



8P456 PROTECTION COVER GROUP—Fuel Tank Cap  
AN ATTACHMENT

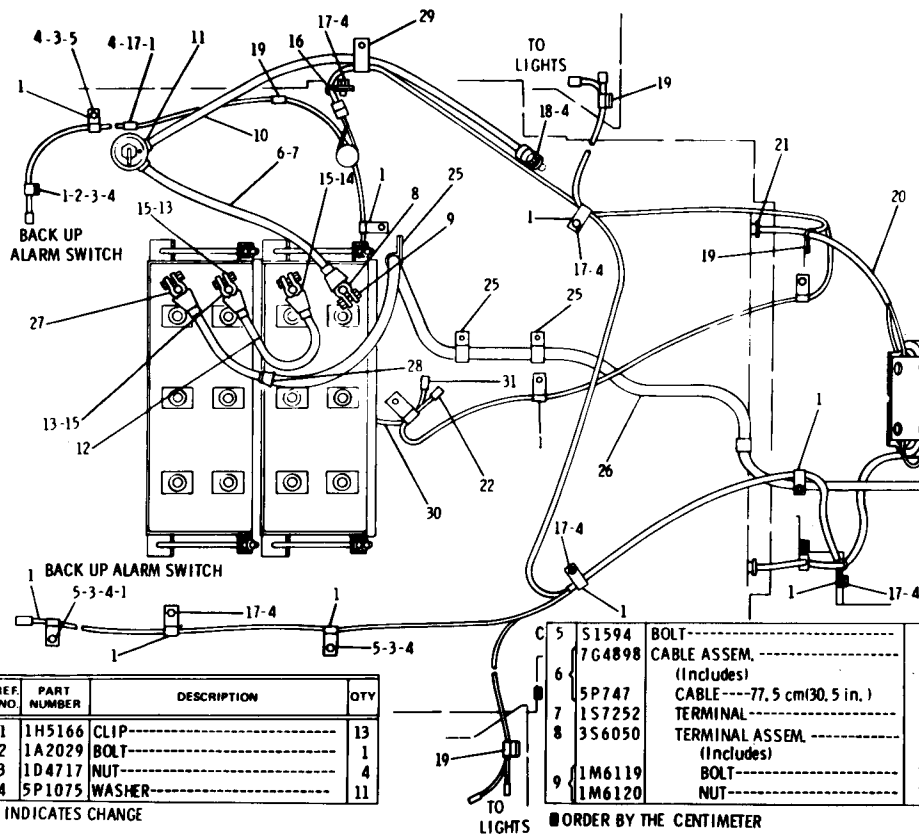


9P1247 HARNESS ASSEMBLY  
Part of 8P7746 Battery and Wiring Group shown on Page 58



8P7746 BATTERY AND WIRING GROUP—Side View—Part 1 of 4  
 Serial No. 14X1 to 14X1573 inclusive  
 9P1247 Harness and 7N718 Switch parts are shown on Pages 57 and 62

8P7746 BATTERY AND WIRING GROUP—Top View—Part 2 of 4  
Serial No. 14X1 to 14X1573 inclusive



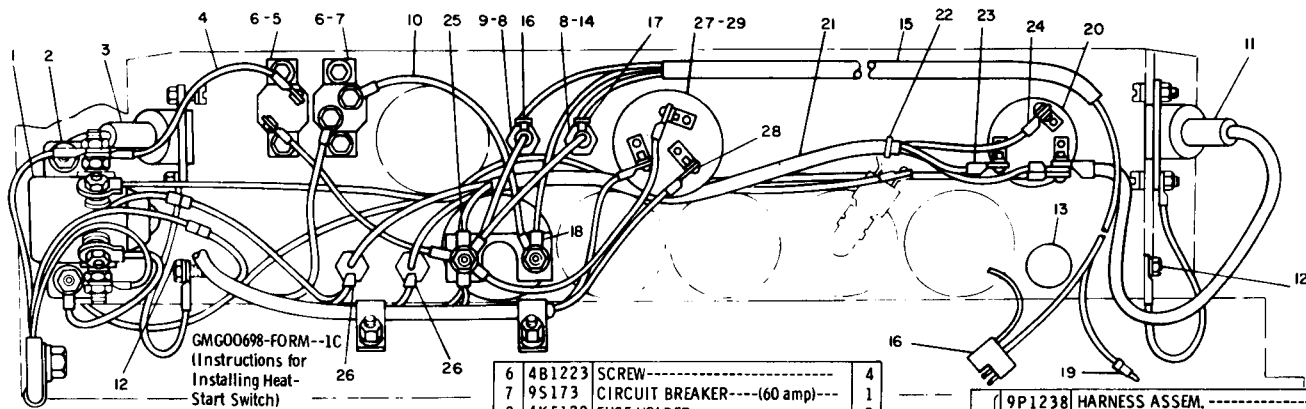
C INDICATES CHANGE

TO LIGHTS ■ ORDER BY THE CENTIMETER

10	7G427	CABLE ASSEM. (Includes)	1
	5P747	CABLE-----1.3 cm(51.18 in.)	
11	1S7252	TERMINAL-----(-)-	2
12	7G4935	CABLE ASSEM. (Includes)	1
	5P761	CABLE-----38.6 cm(15 in.)	
13	3S6050	TERMINAL ASSEM. (-)-	1
14	3S6049	TERMINAL ASSEM. (+)- (Each Includes)	1
	1M6119	BOLT-----	1
	1M6120	NUT-----	1
16	4K640	CLIP-----	1
17	T102	BOLT-----	6
18	S509	BOLT-----	2
19	1H5165	CLIP-----	4
	9P1244	HARNES ASSEM. (Includes)	1
	5P5624	WIRE----- (14 gauge)	2
	5P4571	TERMINAL-----	1
21	6S7108	CONNECTOR-----	1
22	6N9587	CONNECTOR-----	1
23	3S4872	HORN ASSEM.-----	1
24	3S4871	HORN ASSEM.-----	1
	1S994	CLIP-----	3
	7G4936	CABLE ASSEM. (Includes)	1
	5P747	CABLE-----246 cm(97 in.)	
26	1S7251	TERMINAL-----	1
	5P694	CONDUIT-----234 cm(92 in.)	
27	3S6049	TERMINAL ASSEM.-----	1
	1S2244	BOOT-----	2
28	1S4915	LINER-----	2
	3S2093	TIE-----	2
29	9M8406	CLIP-----	1
	7G3870	WIRE ASSEM. (Includes)	1
	5P5624	WIRE-----2.07 m(81.49 in.)	
31	6N9587	CONNECTOR-----	2
	SMHS7071	FORM-(Installation of Horn Assem.)	1

▲ ORDER BY THE METER

226551



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
C C C C	3P4358	SWITCH-----(magnetic)-----	1
	4B2047	NUT-----	4
	3B4502	LOCKWASHER-----	4
	4F2294	NUT-----	4
	4M62	LOCKWASHER-----	4
2	2A762	BOLT-----	2
	1B4330	NUT-----	2
3	3B4504	WASHER-----	2
	8M7677	LAMP GROUP----- (Separate Illustration)	1
▲	8P8007	WIRE ASSEM.-----	1
	5P5622	WIRE-----, 30 m(11.81 in.)	1
	2L8065	TERMINAL---(No. 8 screw)---	1
	2L8068	TERMINAL-7.94 mm(.312in.)scr.	1
	5	6N8589	CIRCUIT BREAKER---(15 amp)---

▲ ORDER BY THE METER

6	4B1223	SCREW-----	4
7	9S173	CIRCUIT BREAKER---(60 amp)---	1
8	4K5122	FUSE HOLDER-----	2
9	3K8781	FUSE----- (7.5 amp)-----	1
▲	9P127	WIRE ASSEM.-----	1
	5P5622	WIRE-----, 170 m(6.69 in.)	1
10	2L8065	TERMINAL---(No. 8 screw)-	1
	2L8066	TERMINAL---(No. 10 screw)	1
11	9M1305	LAMP GROUP----- (Separate Illustration)	1
12	8L6521	BOLT-----	2
	3B4502	LOCKWASHER-----	2
13	5P9768	PLUG-----	1
14	8M8948	FUSE----- (15 amp)-----	1
▲	9P1237	HARNES ASSEM.-----	1
	5P5624	WIRE----- (14 gauge)	1
16	5P3160	CONNECTOR-----	1
17	5P4571	TERMINAL-----	2
18	2L8076	TERMINAL-----	1
19	5P5610	CONNECTOR-----	1
20	7S6402	SWITCH ASSEM. --- (light)---	1
	7S5432	KNOB-----	1

C INDICATES CHANGE

▲	9P1238	HARNES ASSEM.-----	1	
	5P5622	WIRE----- (10 gauge)	1	
	5P5624	WIRE----- (14 gauge)	1	
	5P5998	TUBE-----, 18 m(7 in.)	1	
	22	1S9593	STRAP-----	2
C	23	2L8065	TERMINAL-----	1
	24	2L8075	TERMINAL-----	1
25	2L8066	TERMINAL-----	1	
	5P4571	TERMINAL-----	2	
27	8S7713	SWITCH ASSEM. --- (heat start)---	1	
	8F3437	LEVER-----	1	
C	5L7200	SCREW-----	1	
	3B4501	LOCKWASHER-----	1	
C	9F9327	SCREW-----	3	
	9F8125	LOCKWASHER-----	3	
C	7H27	NUT-----	1	
	6F253	LOCKWASHER-----	1	

226552

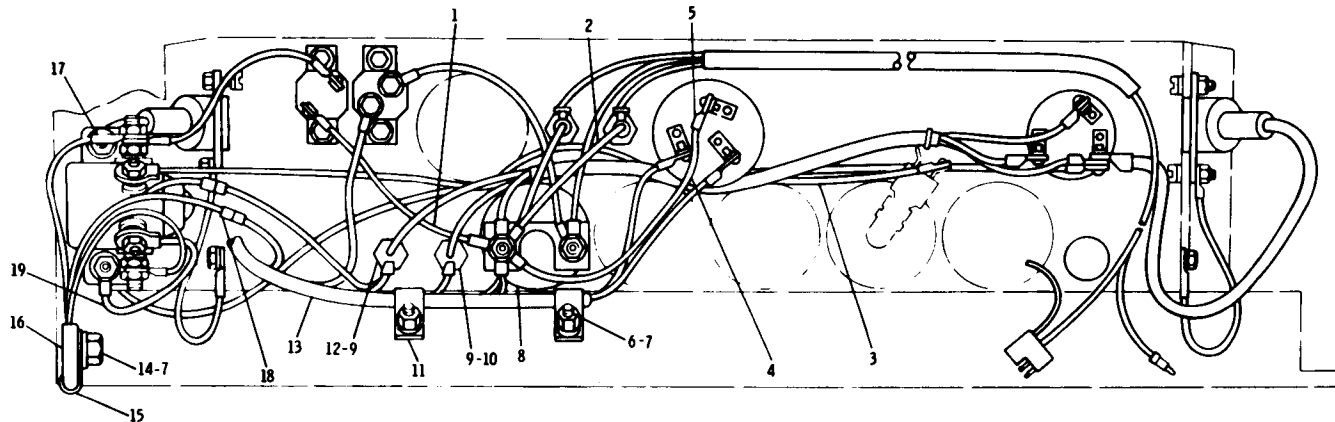
## 8P7746 BATTERY AND WIRING GROUP—Instrument Panel—Part 3 of 4

Serial No. 14X1 to 14X1573 inclusive

8M7677 and 9M1305 Lamp parts are shown on Page 63



8P7746 BATTERY AND WIRING GROUP—Instrument Panel—Part 4 of 4  
 Serial No. 14X1 to 14X1573 inclusive  
 8P8015 Harness parts are shown on Page 64



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
CA 1	8P8009	WIRE ASSEM.----- (Includes)	1
	5P5622	WIRE-----, 150 m(6.29 in.)	1
	2L8065	TERMINAL---(No. 8 screw)---	1
	2L8066	TERMINAL---(No. 10 screw)---	1
CA 2	9P1239	WIRE ASSEM.----- (Includes)	1
	5P5624	WIRE-----, 240 m(9.44 in.)	1
	2L8066	TERMINAL---(ring type)---	2
	5P4571	TERMINAL---(male)-----	1
	7G3152	WIRE ASSEM.----- (Includes)	1
CA 3	5P5624	WIRE-----, 6 m(23.6 in.)	1
	2L8075	TERMINAL---(No. 8 screw)---	1
	2L8076	TERMINAL---(No. 10 screw)---	1

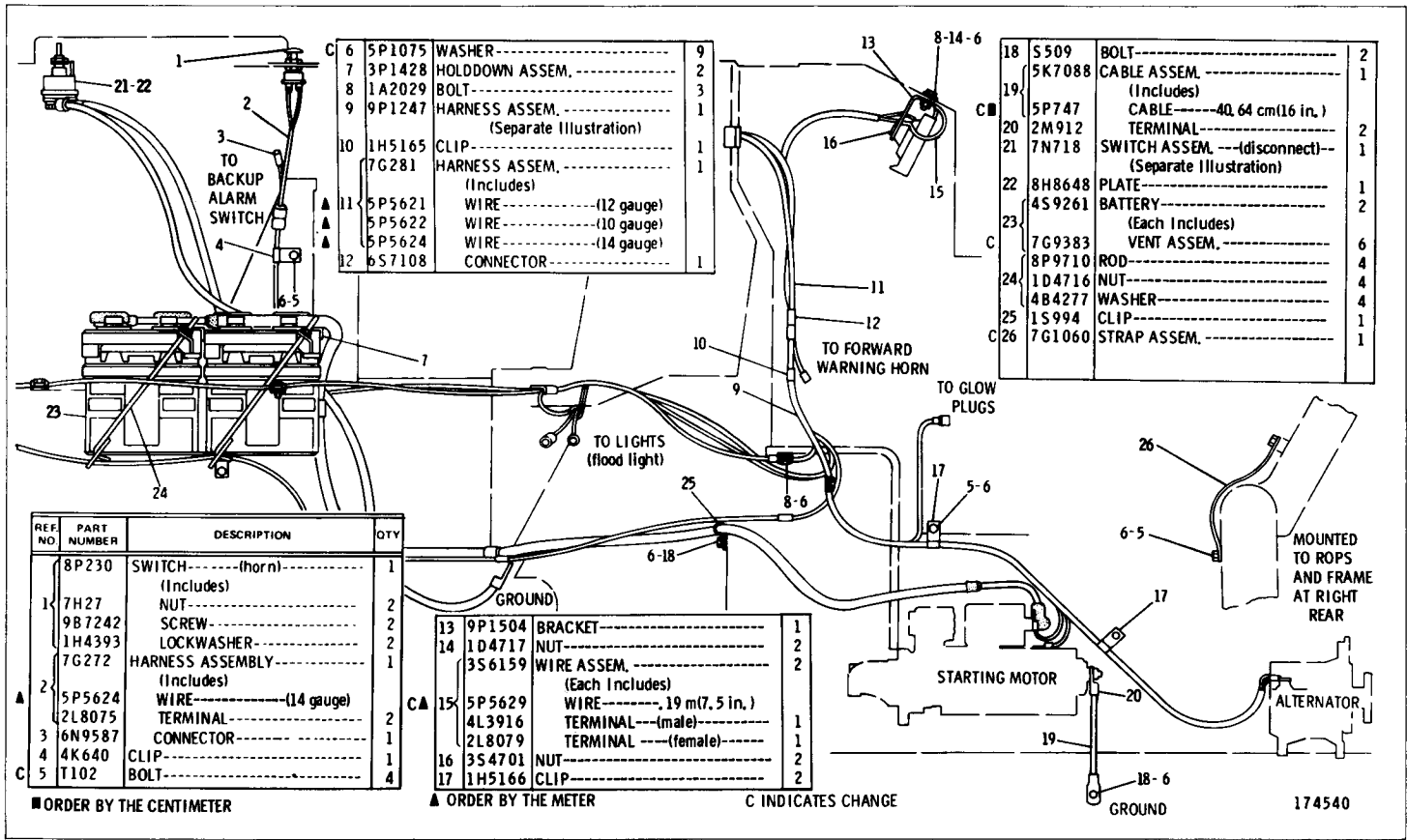
▲ ORDER BY THE METER

▲ 4	9P1242	WIRE ASSEM.----- (Includes)	1
	5P5622	WIRE-----, 162 m(6.29 in.)	1
5	2L8066	TERMINAL-----	2
6	S509	BOLT-----	2
	104717	NUT-----	2
7	5P1075	WASHER-----	3
8	8M7892	GAUGE-----	1
9	4K5122	HOLDER-----	2
10	3K8781	FUSE----- (7.5 amp)-----	1
11	4K640	CLIP-----	2
12	8M8948	FUSE----- (15 amp)-----	1
13	8P8015	HARNES ASSEM.----- (Separate Illustration)	1
14	T102	BOLT-----	1
15	1H5166	CLIP-----	1

C INDICATES CHANGE

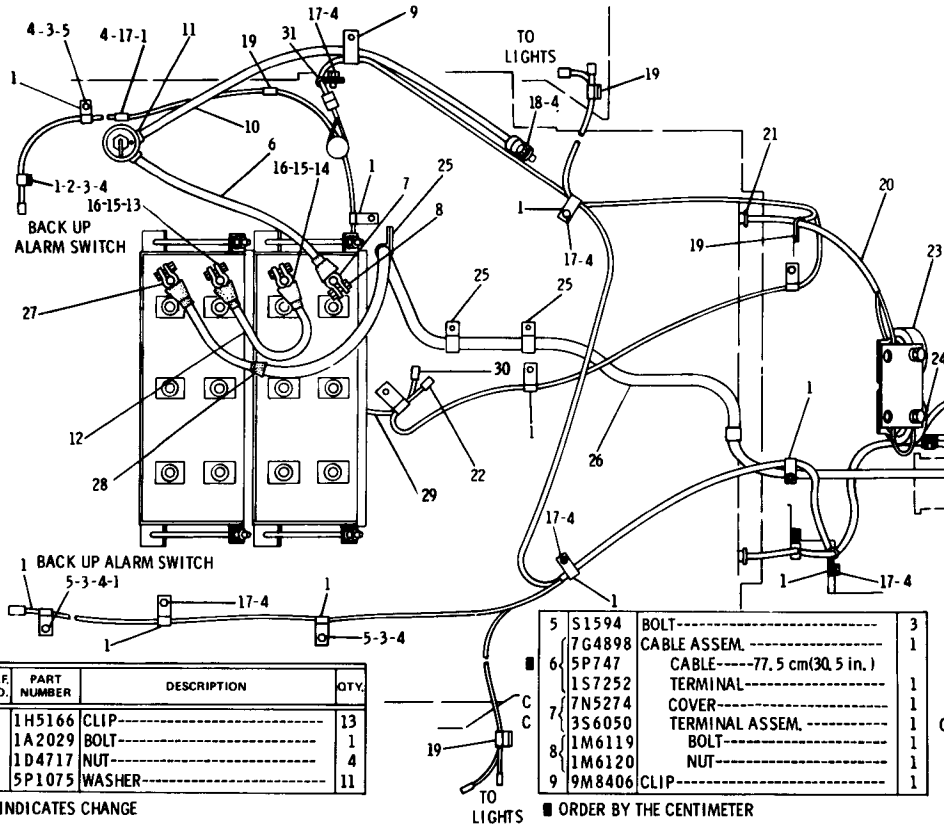
▲ 16	9P1243	HARNES ASSEM.----- (Includes)	1
	5P5622	WIRE----- (10 gauge)	1
▲ 17	5P5624	WIRE----- (14 gauge)	1
	2L8068	TERMINAL-----	2
▲ 18	5P5610	CONNECTOR-----	2
	5M3803	WIRE ASSEM.----- (Includes)	1
▲ 19	5P5629	WIRE-----, 2 m(5.2 in.)	1
	2L8076	TERMINAL---(No. 10 screw)---	1
	2L8077	TERMINAL---6.35mm(.25 in.)scr.	1

226553



8P7746 BATTERY AND WIRING GROUP—Side View—Part 1 of 4  
 Serial No. 14X1574—Up  
 9P1247 Harness and 7N718 Switch parts are shown on Pages 57 and 62

8P7746 BATTERY AND WIRING GROUP—Top View—Part 2 of 4  
Serial No. 14X1574—Up



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	1H5166	CLIP-----	13
2	1A2029	BOLT-----	1
3	1D4717	NUT-----	4
4	5P1075	WASHER-----	11

C INDICATES CHANGE

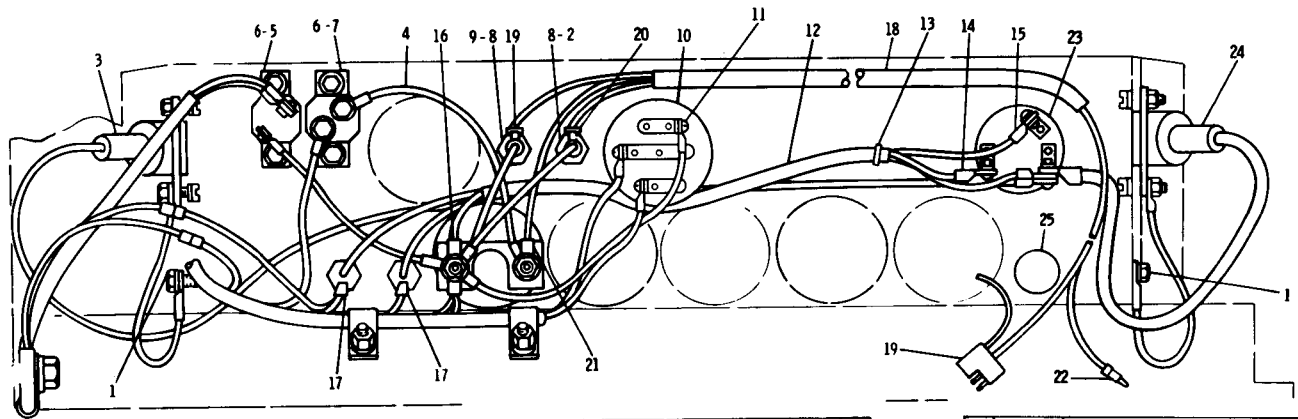
5	S1594	BOLT-----	3
6	7G4898	CABLE ASSEM.-----	1
	5P747	CABLE-----77.5 cm(30.5 in.)	1
	1S7252	TERMINAL-----	1
7	7N5274	COVER-----	1
	3S6050	TERMINAL ASSEM.-----	1
8	1M6119	BOLT-----	1
	1M6120	NUT-----	1
9	9M8406	CLIP-----	1

■ ORDER BY THE CENTIMETER

7	G427	CABLE ASSEM.-----	1
10	5P747	CABLE-----1.45 cm(57.09 in.)	1
	375197	BOOT-----	1
	1S7252	TERMINAL-----	2
12	7G4935	CABLE ASSEM.-----	1
	5P761	CABLE-----38.6 cm(15 in.)	1
13	3S6050	TERMINAL ASSEM.---(-)---	1
14	3S6049	TERMINAL ASSEM.---(+ )---	1
	1M6119	BOLT-----	1
	1M6120	NUT-----	1
16	8N1725	COVER-----	2
	T102	BOLT-----	6
18	S509	BOLT-----	2
	1H5165	CLIP-----	4
	9P1244	HARNESS ASSEM.-----	1
20	5P5624	WIRE----- (14 gauge)	2
	5P4571	TERMINAL-----	1
21	6S7108	CONNECTOR-----	1
22	6N9587	CONNECTOR-----	1
23	3S4872	HORN ASSEM.-----	1
24	3S4871	HORN ASSEM.-----	1
25	1S994	CLIP-----	3
	7G4936	CABLE ASSEM.-----	1
	5P747	CABLE-----246 cm(97 in.)	1
26	1S7251	TERMINAL-----	1
	8N869	COVER-----	1
	5P694	CONDUIT---234 cm(92 in.)	1
	8N1725	COVER-----	1
	3S6049	TERMINAL ASSEM.-----	1
	1M6119	BOLT-----	1
	1M6120	NUT-----	1
	1S2244	BOOT-----	2
28	1S4915	LINER-----	2
	3S2093	TIE-----	2
29	7G3870	WIRE ASSEM.-----	1
	5P5624	WIRE-----2.07 m(81.5 in.)	1
30	6N9587	CONNECTOR-----	2
31	4K640	CLIP-----	1
	S M H S 7071	FORM-(Installation of Horn Assem.)	1

▲ ORDER BY THE METER

174541



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	8L6521	BOLT-----	2
	3B4502	LOCKWASHER-----	2
2	8M8948	FUSE----- (15 amp)-----	1
3	8M7677	LAMP GROUP----- (Separate Illustration)	1
4	9P127	WIRE ASSEM.----- (Includes)	1
	5P5622	WIRE-----, 17 m(6.69 in.)	
2	2L8066	TERMINAL--(No. 10 screw)---	2
	6N8589	CIRCUIT BREAKER---(15 amp)---	1
6	4B1223	SCREW-----	4
7	9S173	CIRCUIT BREAKER---(60 amp)---	1
8	4K5122	FUSE HOLDER-----	2
9	3K8781	FUSE----- (7.5 amps)-----	1

▲ ORDER BY THE METER

C	7N4160	SWITCH ASSEM.-----(heat-start) (Includes)	1
	8F3437	LEVER-----	1
10	5L7200	SCREW-----	1
	3B4501	LOCKWASHER-----	1
7	7H27	NUT-----	1
	6F253	LOCKWASHER-----	1
11	9J9327	SCREW-----	3
	9F8125	LOCKWASHER-----	3
▲	9P1238	HARNES ASSEM.----- (Includes)	1
	12	5P5622	WIRE----- (10 gauge)
▲	5P5624	WIRE----- (14 gauge)	
	5P5998	TUBE-----, 18 m(7 in.)	
13	1S9593	STRAP-----	2
14	2L8065	TERMINAL-----	1
15	2L8075	TERMINAL-----	1
16	2L8066	TERMINAL-----	1
17	5P4571	TERMINAL-----	2

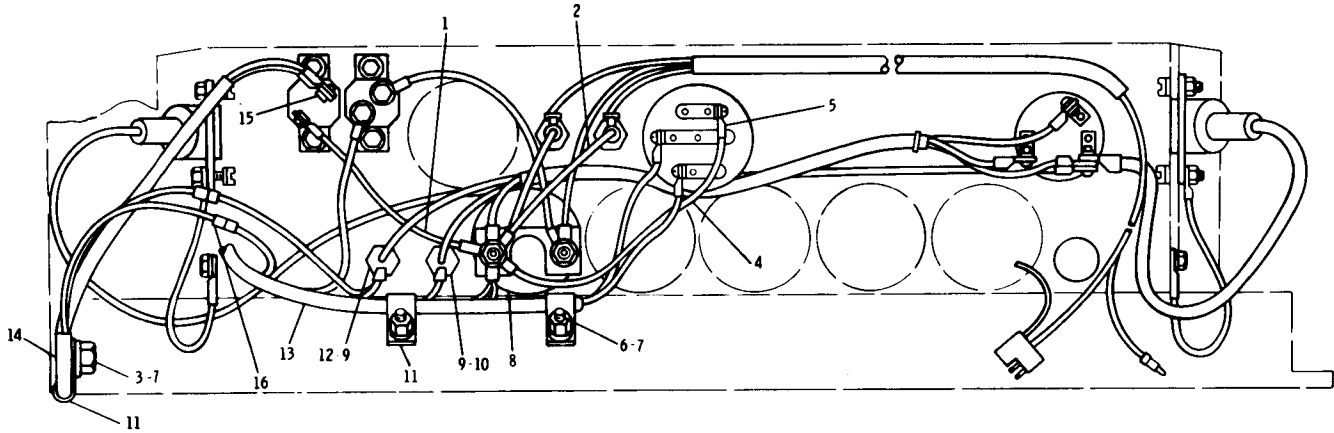
▲	9P1237	HARNES ASSEM.----- (Includes)	1
	5P5624	WIRE----- (14 gauge)	
19	5P3160	CONNECTOR ASSEM.-----	1
20	5P4571	TERMINAL-----	2
21	2L8076	TERMINAL-----	1
22	5P5610	CONNECTOR-----	1
23	7S6402	SWITCH ASSEM.---(light)----- (Includes)	1
	7S5432	KNOB-----	1
24	9M1305	LAMP GROUP----- (Separate Illustration)	1
25	5P9768	PLUG-----	1

C INDICATES CHANGE

174542

8P7746 BATTERY AND WIRING GROUP—Instrument Panel—Part 3 of 4  
Serial No. 14X1574—Up. 8M7677 and 9M1305 Lamp parts are shown on Page 63

8P7746 BATTERY AND WIRING GROUP—Instrument Panel—Part 4 of 4  
 Serial No. 14X1574—Up. 8P8015 Harness parts are shown on Page 64



REF NO.	PART NUMBER	DESCRIPTION	QTY.
CA 1	8P 8009	WIRE ASSEM.----- (Includes)	1
	5P 5622	WIRE-----, 15 m(7, 87 in.)	1
	2L 8065	TERMINAL---(No. 8 screw)---	1
	2L 8066	TERMINAL---(No. 10 screw)---	1
CA 2	9P 1239	WIRE ASSEM.----- (Includes)	1
	5P 5624	WIRE-----, 24 m(9, 44 in.)	1
	2L 8066	TERMINAL---(ring-type)---	1
	5P 4571	TERMINAL---(male)---	2
3	T 102	BOLT-----	1
	9P 1242	WIRE ASSEM.----- (Includes)	1
CA 4	5P 5622	WIRE-----, 16 m(6, 30 in.)	2
	2L 8066	TERMINAL-----	2

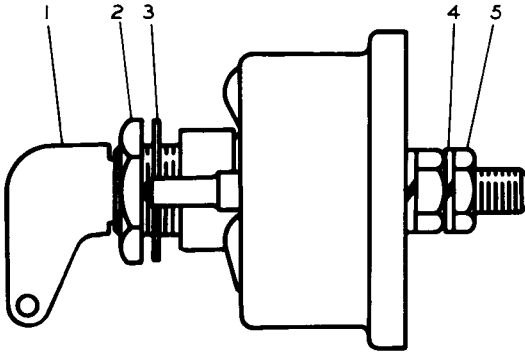
▲ ORDER BY THE METER

6	S 509	BOLT-----	2
	1 D 4717	NUT-----	2
7	5P 1075	WASHER-----	3
8	8M 7892	AMMETER----- (60 amp)	1
9	4K 5122	HOLDER----- (fuse)----- (Each Includes)	2
	7N 2867	CAP-----	1
10	3K 8781	FUSE----- (7, 5 amp)	1
C 11	1H 5166	CLIP-----	3
	8M 8948	FUSE----- (15 amp)	1
	8P 8015	HARNES ASSEM.----- (Separate illustration)	1

C	9G 5386	HARNES ASSEM.----- (Includes)	1
	▲ 14	5P 5622	WIRE----- (10 gauge)
	▲	5P 5624	WIRE----- (14 gauge)
	15	2L 8049	TERMINAL-----
16	5P 5610	CONNECTOR ASSEM.-----	2

C INDICATES CHANGE

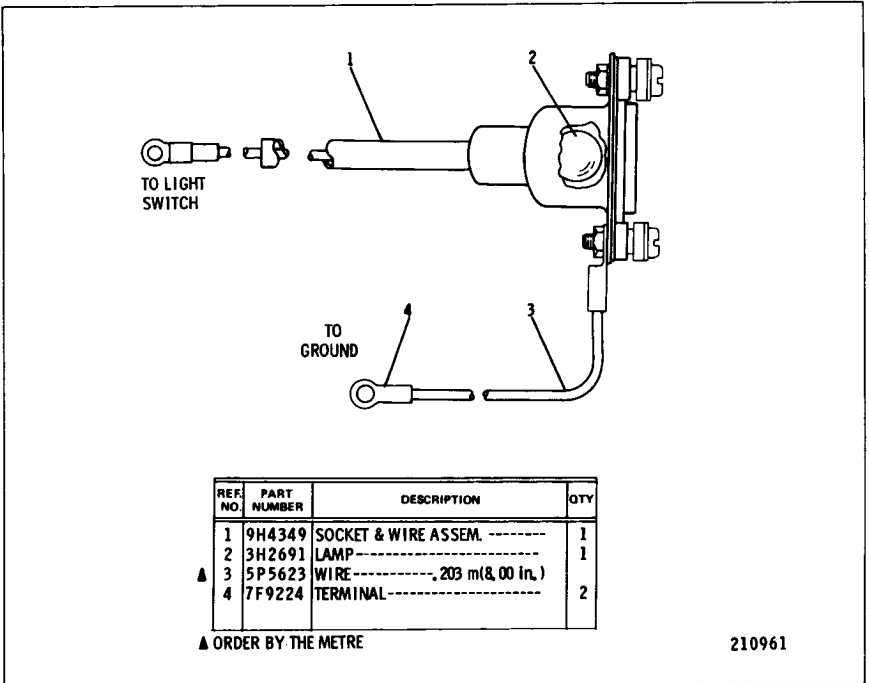
174543



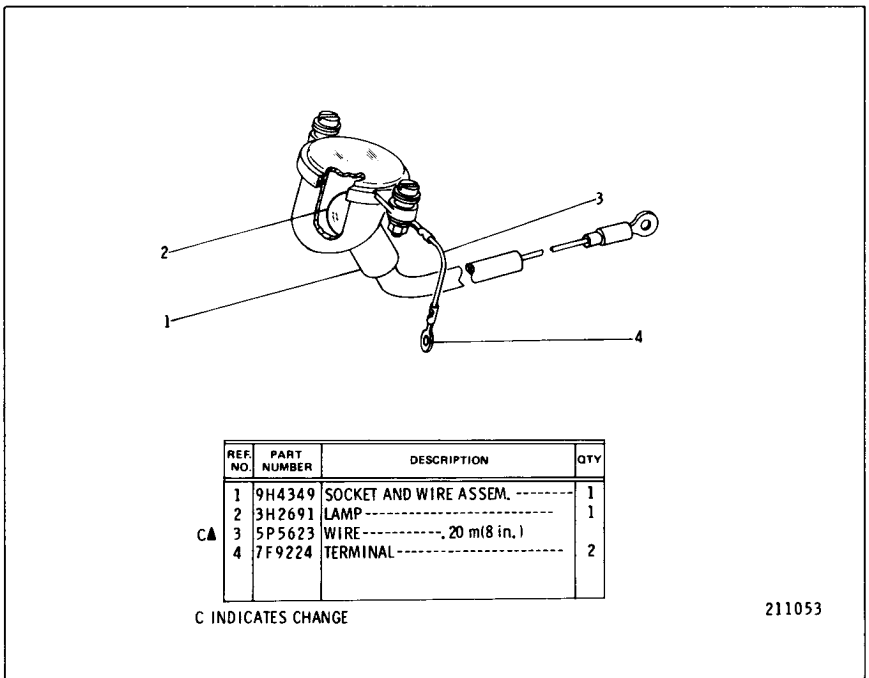
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8H5306	KEY-----	1
2	8H5303	NUT-----	1
3	2H3922	LOCKWASHER-----	1
4	7F7259	LOCKWASHER-----	4
5	6F7045	NUT-----	4

211499

7N718 DISCONNECT SWITCH ASSEMBLY  
 Part of 8P7746 Battery and Wiring Group shown on Page 58

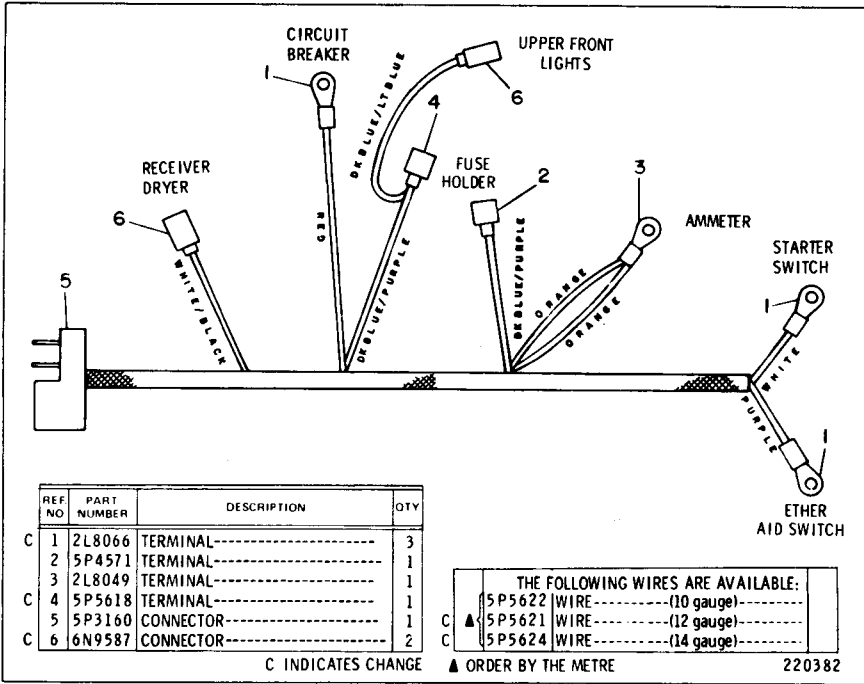


8M7677 DASH LAMP ASSEMBLY  
Part of 8P7746 Battery and Wiring Group shown on Page 60



9M1305 DASH LAMP ASSEMBLY  
Part of 8P7746 Battery and Wiring Group shown on Page 60

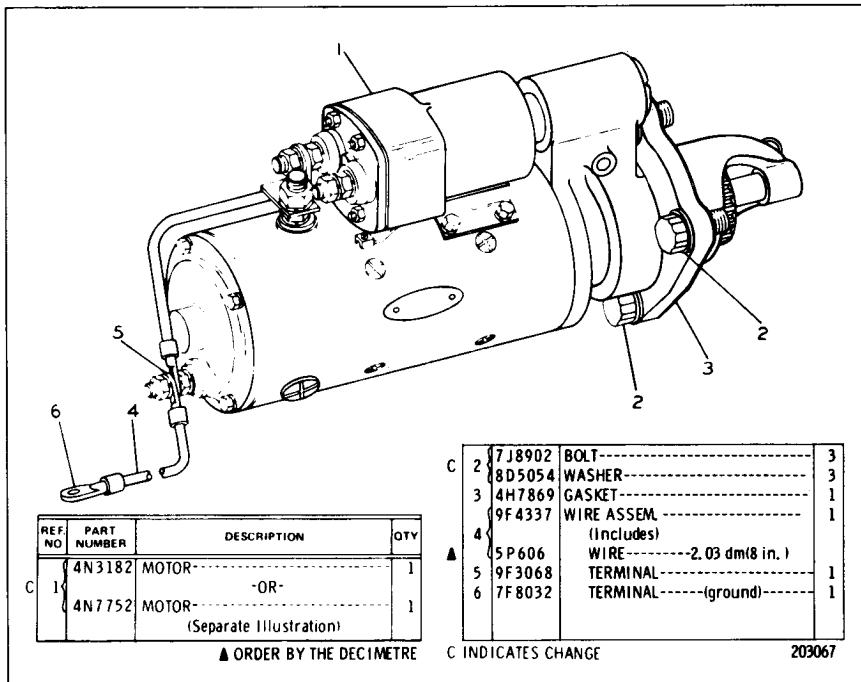
# CATERPILLAR 977L TRACK LOADER



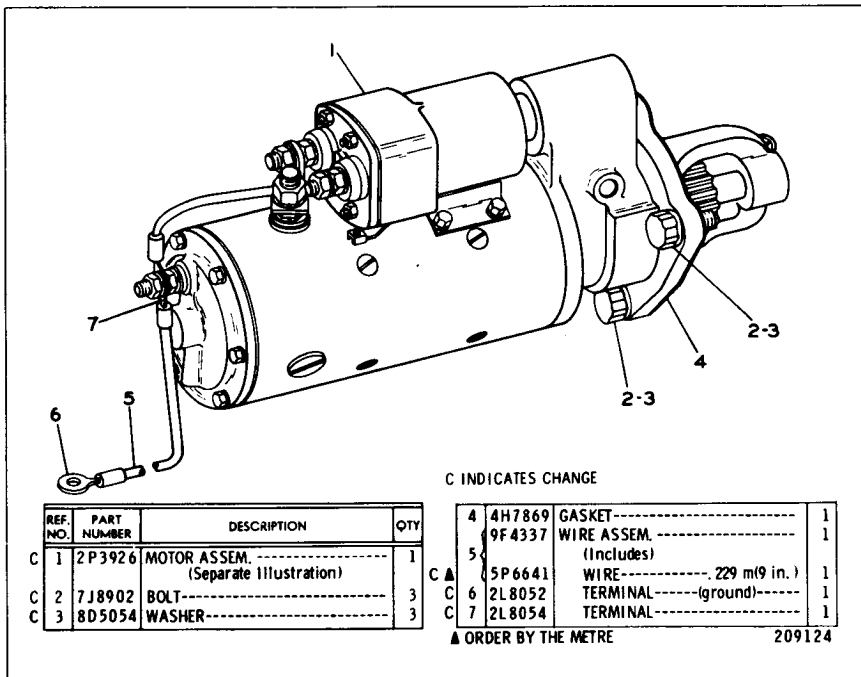
## 8P8015 HARNESS ASSEMBLY

Part of 8P7746 Battery and Wiring Group shown on Page 61

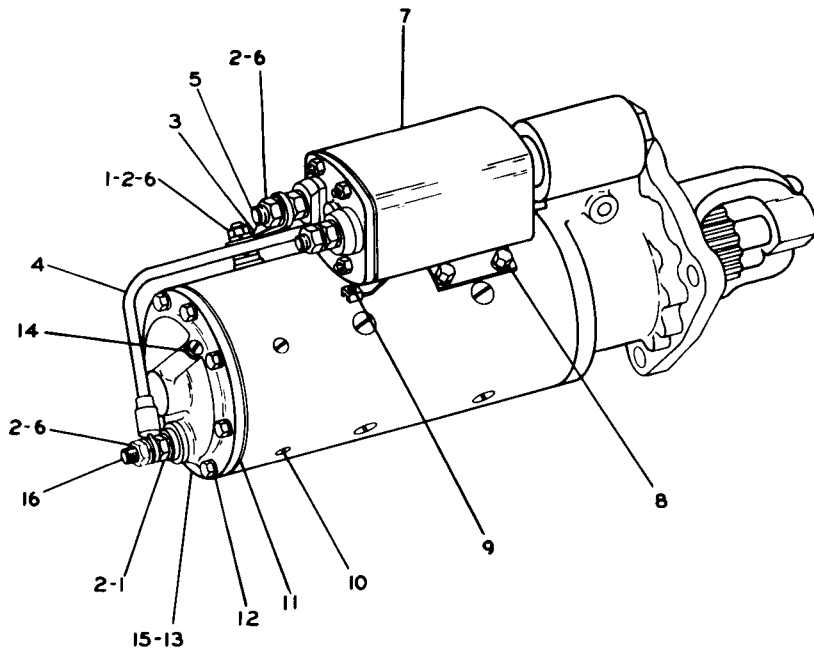




7S3622 ELECTRIC STARTING MOTOR GROUP—24 Volt  
 4N7752 and 4N3182 Starting Motor parts are shown on Pages 66 through 70



8S3886 STARTING MOTOR GROUP—24 Volt  
 FOR USE IN TEMPERATURES OF 0 DEGREES FAHRENHEIT OR BELOW  
 2P3926 Starting Motor parts are shown on pages 71, 72 and 73  
 AN ATTACHMENT

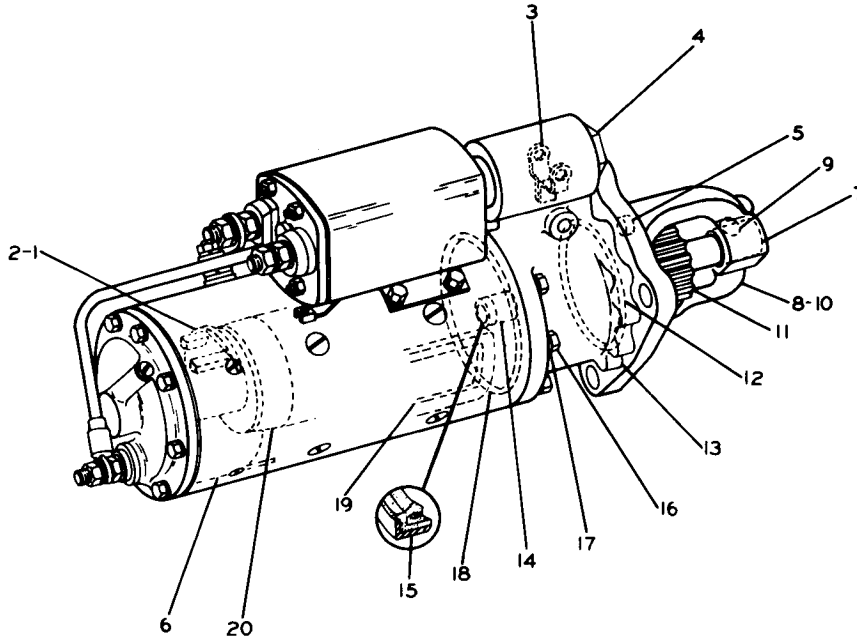


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1D5117	NUT------(jam)-----	2
2	3B4508	LOCKWASHER-----	6
3	4N9405	CONNECTOR-----	1
4	4N9404	LEAD ASSEM.-----	1
5	2P8819	KIT------(Field Terminal Stud)----- (Includes Stud, Bushing & Washers)	1
6	1D4719	NUT-----	4
7	9S7976	SOLENOID ASSEM.----- (Separate Illustration)	1
8	6H3622	SCREW-----	4
	3B4504	LOCKWASHER-----	4
	3K6116	WASHER-----	4
9	4M3217	SCREW-----	2
10	4B1220	SCREW-----	3
11	8S1553	GASKET-----	1
12	3B4502	LOCKWASHER-----	7
13	1P7831	HEAD ASSEM. --(Commutator End)-	1
14	2B4602	PLUG-----	1
15	1P7832	KIT------(Bearing & Wick)-----	1
16	4N9403	KIT-(Commutator End Terminal Stud) (Includes Stud, Bushing & Washers)	1

200573

4N7752 ELECTRIC STARTING MOTOR GROUP—Prestolite—24 Volt—Part 1  
 Part of 7S3622 Electric Starting Motor Group shown on Page 65  
 9S7976 Solenoid Switch parts are shown on Page 74

4N7752 ELECTRIC STARTING MOTOR GROUP—Prestolite—24 Volt—Part 2  
 Part of 7S3622 Starting Motor Group shown on Page 65

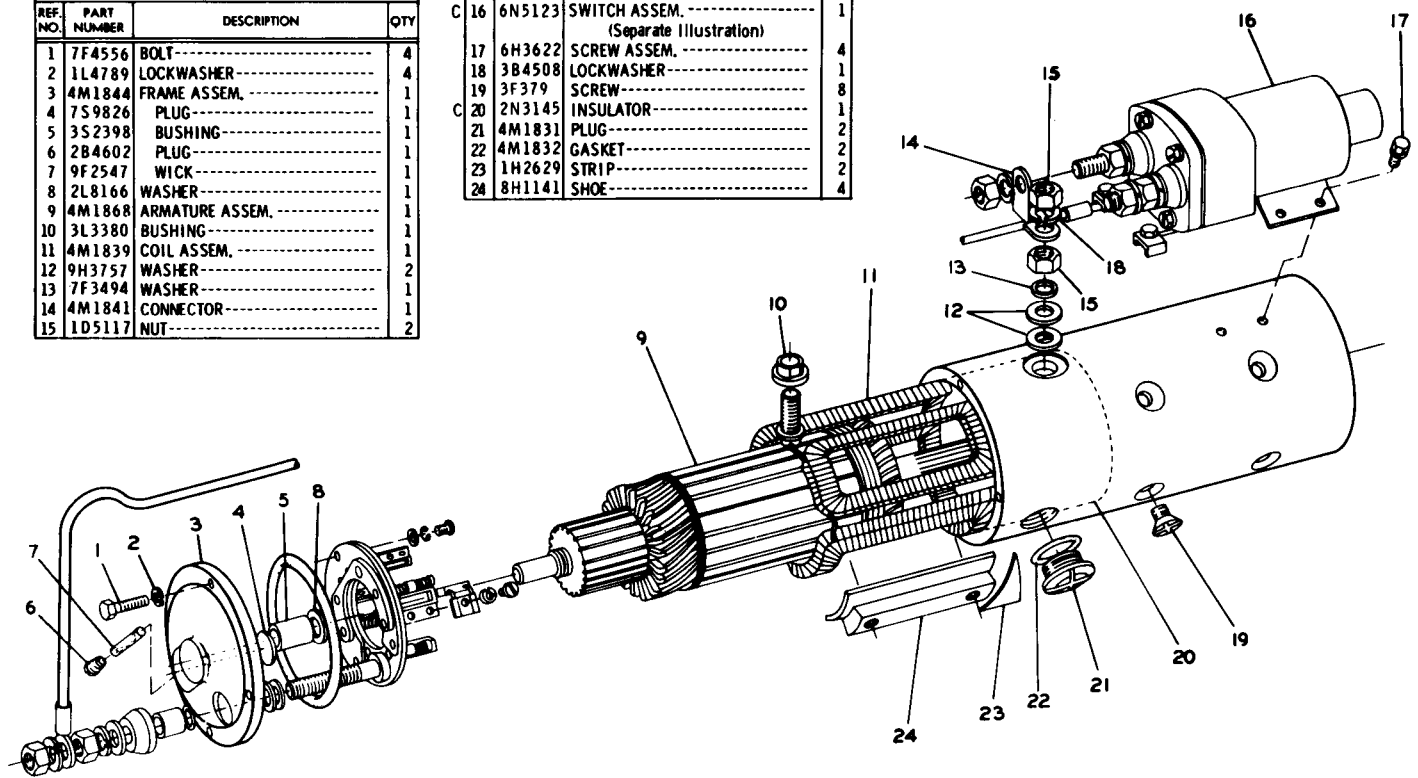


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	2P8822	PLATE ASSEM. -----	1
2	4N9401	KIT----(Includes 6 Brushes)---	1
	2P8868	KIT----(Includes 8 Springs)---	1
3	2P8825	SHIFT YOKE ASSEM. -----	1
4	2P8817	KIT-----(Yoke Adjusting) (Includes Plugs, Pin, Gasket & Nut)	1
5	8S1535	KIT-----(Includes 6 Plugs)---	1
6	4N9402	KIT----(Includes 10 Insulations)---	1
7	8S4684	KIT-----(Bearing & Wick)---	1
8	8S1543	HOUSING ASSEM. --- (Pinion)---	1
9	2B4602	PLUG-----	1
10	8S4680	KIT-----(Includes 10 Seals)---	1
11	4N4517	DRIVE ASSEM. -----	1
12	2H3931	SEAL-----	1
13	2P8824	HOUSING ASSEM. -----	1
	2B4602	PLUG-----	1
14	8S2226	BUSHING-----	1
15	8S2225	SEAL-----	1
16	L1340	SCREW-----	7
17	2P8816	KIT--(Includes Housing Screws)---	1
18	3B4504	LOCKWASHER-----	7
19	4M189	SEAL-----	1
20	2P8818	KIT-----(Field Coil)---	1
	8S1546	ARMATURE ASSEM. -----	1
	8S8075	KIT--(Armature Thrust Washers)---	1

STARTING AND ELECTRICAL SYSTEM

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	7F4556	BOLT	4
2	1L4789	LOCKWASHER	4
3	4M1844	FRAME ASSEM.	1
4	7S9826	PLUG	1
5	3S2398	BUSHING	1
6	2B4602	PLUG	1
7	9F2547	WICK	1
8	2L8166	WASHER	1
9	4M1868	ARMATURE ASSEM.	1
10	3L3380	BUSHING	1
11	4M1839	COIL ASSEM.	1
12	9H3757	WASHER	2
13	7F3494	WASHER	1
14	4M1841	CONNECTOR	1
15	1D5117	NUT	2

C 16	6N5123	SWITCH ASSEM. ....	1
		(Separate Illustration)	
17	6H3622	SCREW ASSEM. ....	4
18	3B4508	LOCKWASHER	1
19	3F379	SCREW	8
C 20	2N3145	INSULATOR	1
21	4M1831	PLUG	2
22	4M1832	GASKET	2
23	1H2629	STRIP	2
24	8H1141	SHOE	4

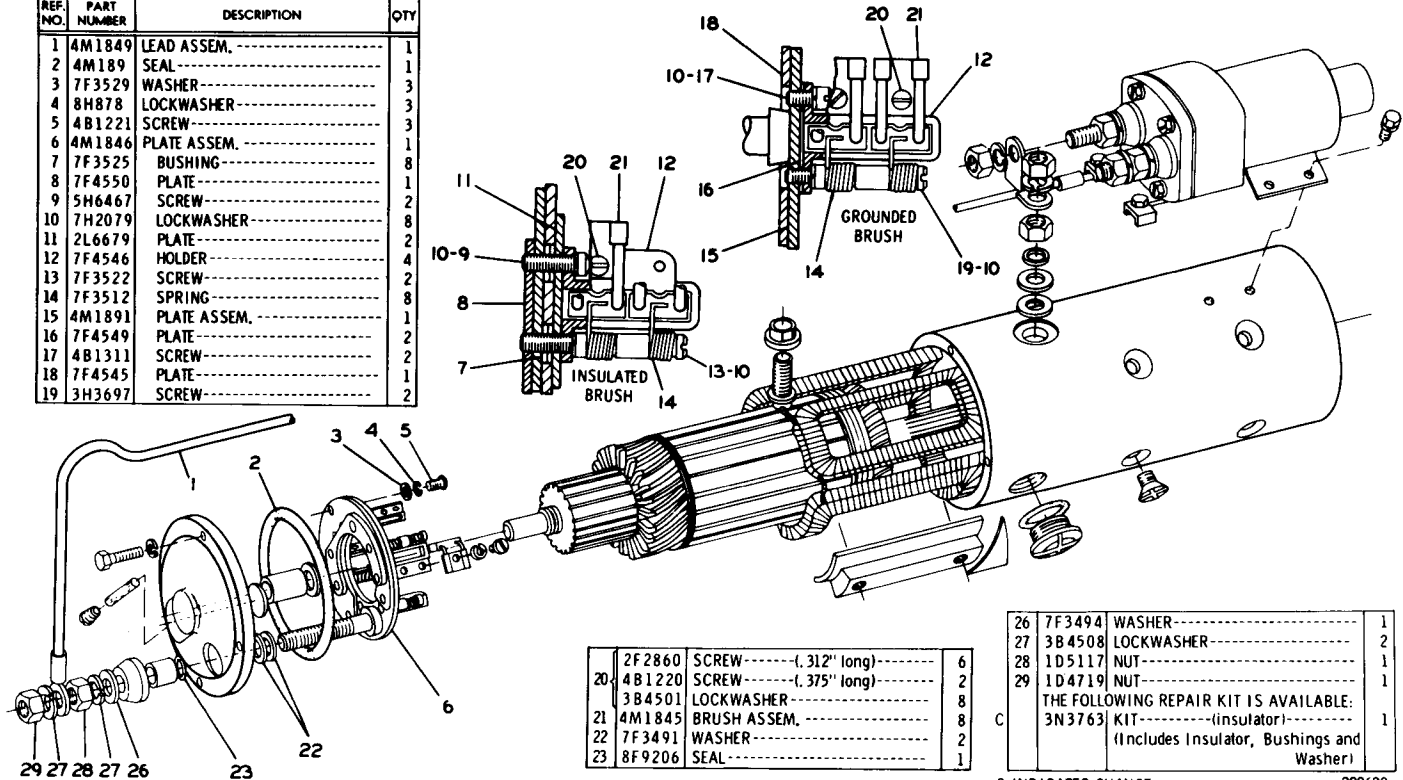


C INDICATES CHANGE 155231

4N3182 ELECTRIC STARTING MOTOR GROUP—Delco-Remy—24 Volt—Part 1 of 3  
 Part of 7S3622 Electric Starting Motor Group shown on Page 65  
 6N5123 Switch parts are shown on Page 74

4N3182 ELECTRIC STARTING MOTOR GROUP—Delco-Remy—24 Volt—Part 2 of 3  
 Part of 7S3622 Electric Starting Motor Group shown on Page 65

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4M1849	LEAD ASSEM.	1
2	4M189	SEAL	1
3	7F3529	WASHER	3
4	8H878	LOCKWASHER	3
5	4B1221	SCREW	3
6	4M1846	PLATE ASSEM.	1
7	7F3525	BUSHING	8
8	7F4550	PLATE	1
9	5H6467	SCREW	2
10	7H2079	LOCKWASHER	8
11	2L6679	PLATE	2
12	7F4546	HOLDER	4
13	7F3522	SCREW	2
14	7F3512	SPRING	8
15	4M1891	PLATE ASSEM.	1
16	7F4549	PLATE	2
17	4B1311	SCREW	2
18	7F4545	PLATE	1
19	3H3697	SCREW	2

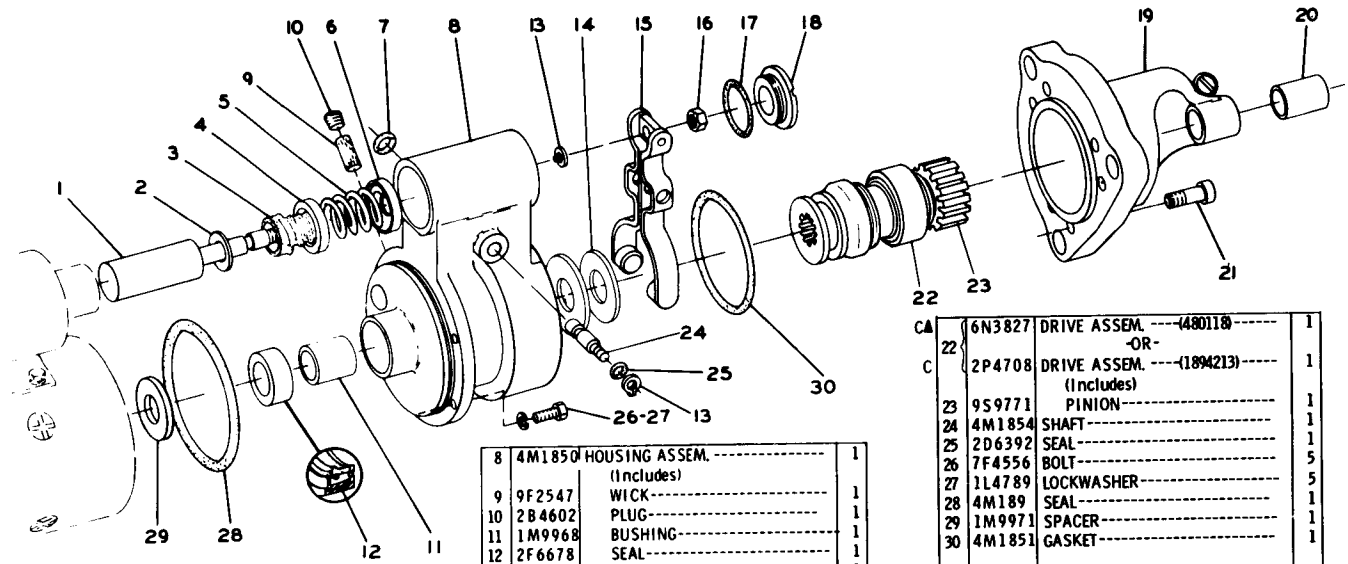


20	2F2860	SCREW	(.312" long)	6
	4B1220	SCREW	(.375" long)	2
	3B4501	LOCKWASHER		8
21	4M1845	BRUSH ASSEM.		8
22	7F3491	WASHER		2
23	8F9206	SEAL		1

26	7F3494	WASHER		1
27	3B4508	LOCKWASHER		2
28	1D5117	NUT		1
29	1D4719	NUT		1
THE FOLLOWING REPAIR KIT IS AVAILABLE:				
C	3N3763	KIT	(insulator)	1
(Includes Insulator, Bushings and Washer)				

C INDICATES CHANGE

200628



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4M1855	PLUNGER ASSEM.-----	1
1	FMO55075	FORM----(installation instructions)	1
2	2S4027	WASHER-----	1
3	4M1829	BOOT-----	1
4	4M1828	RETAINER-----	1
5	9M7609	SPRING-----	1
6	4M1827	RETAINER-----	1
7	1H1023	SEAL-----	1

8	4M1850	HOUSING ASSEM.-----	1
		(Includes)	
9	9F2547	WICK-----	1
10	2B4602	PLUG-----	1
11	1M9968	BUSHING-----	1
12	2F6678	SEAL-----	1
13	2H3429	RING-----	2
14	4L2729	WASHER-----	1
15	4M1853	LEVER ASSEM.-----	1
16	3F2617	NUT-----	1
17	4M1832	GASKET-----	1
18	4M1831	PLUG-----	1
19	1S297	HOUSING ASSEM.-----	1
		(Includes)	
20	4M1896	BUSHING-----	1
21	4M1833	SCREW---1.50 in. (38.10 mm) long	5
	7M336	SCREW---.875 in. (22.23 mm) long	1

C INDICATES CHANGE

CA	22	6N3827	DRIVE ASSEM.---(480118)	1
			-OR-	
C	22	2P4708	DRIVE ASSEM.---(1894213)	1
			(Includes)	
	23	9S9771	PINION-----	1
	24	4M1854	SHAFT-----	1
	25	2D6392	SEAL-----	1
	26	7F4556	BOLT-----	5
	27	1L4789	LOCKWASHER-----	5
	28	4M189	SEAL-----	1
	29	1M9971	SPACER-----	1
	30	4M1851	GASKET-----	1
			THE FOLLOWING REPAIR KITS ARE AVAILABLE FOR 2P4708 DRIVE ASSEM.:	
C	7N6098	KIT----- (spring)		1
			(Includes Cup & Spring)	
	9S9825	KIT----- (cup)		1
			(Includes Cup & Washers)	
	4S9459	KIT----- (washer)		1
			(Includes Cup & Washers)	
	FMO35152	FORM.----- (cup kit installation)		1

▲ NOT PART OF 4N3182 MOTOR GROUP

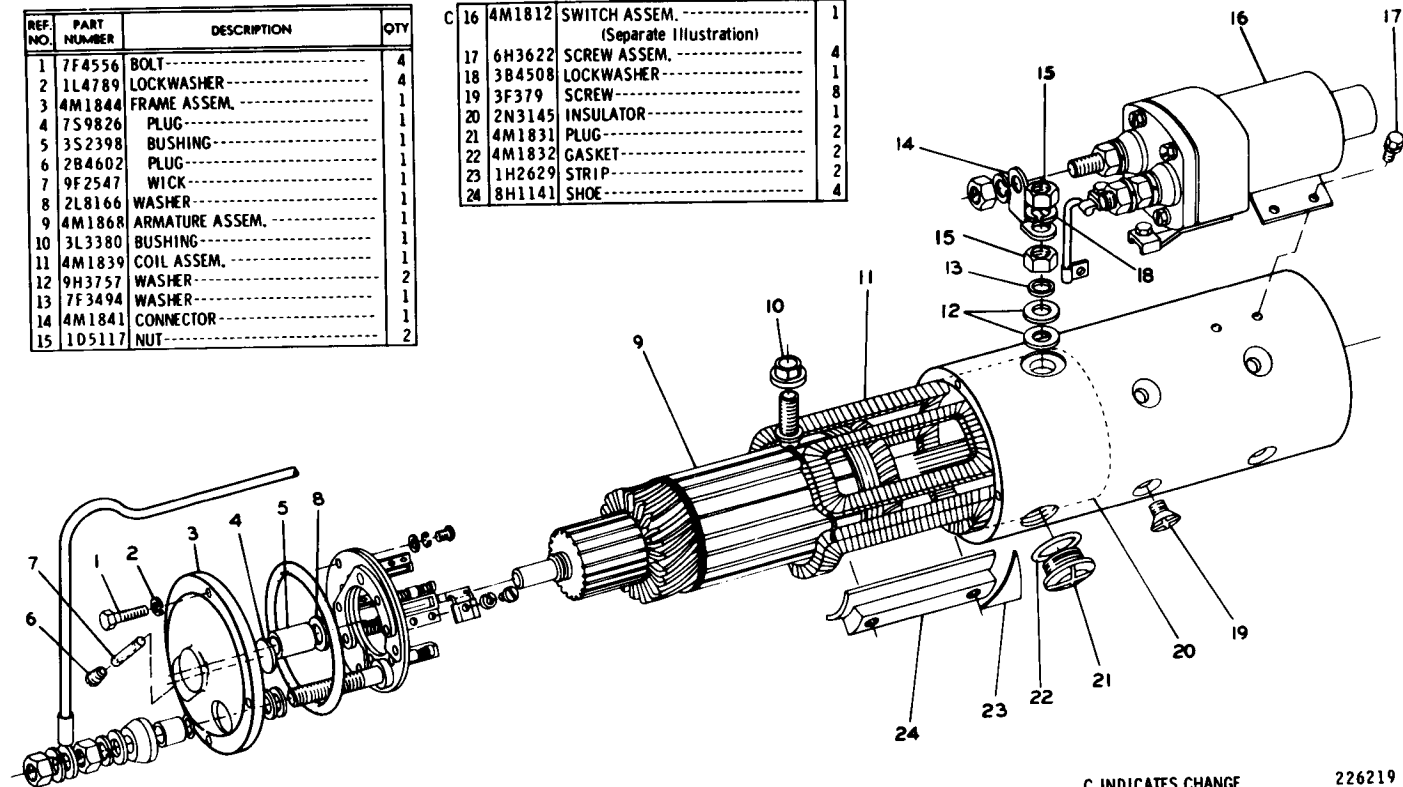
217034

4N3182 ELECTRIC STARTING MOTOR GROUP—Delco-Remy—24 Volt—Part 3 of 3  
Part of 7S3622 Electric Starting Motor Group shown on Page 65

4N3182 ELECTRIC STARTING MOTOR GROUP—Delco-Remy—24 Volt—Part 1 of 3—Type 2  
 Part of 7S3622 Electric Starting Motor Group shown on Page 65. 4M1812 Switch parts are shown on Page 74A

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	7F4556	BOLT-----	4
2	1L4789	LOCKWASHER-----	4
3	4M1844	FRAME ASSEM.-----	1
4	7S9826	PLUG-----	1
5	3S2398	BUSHING-----	1
6	2B4602	PLUG-----	1
7	9F2547	WICK-----	1
8	2L8166	WASHER-----	1
9	4M1868	ARMATURE ASSEM.-----	1
10	3L3380	BUSHING-----	1
11	4M1839	COIL ASSEM.-----	1
12	9H3757	WASHER-----	2
13	7F3494	WASHER-----	1
14	4M1841	CONNECTOR-----	1
15	1O5117	NUT-----	2

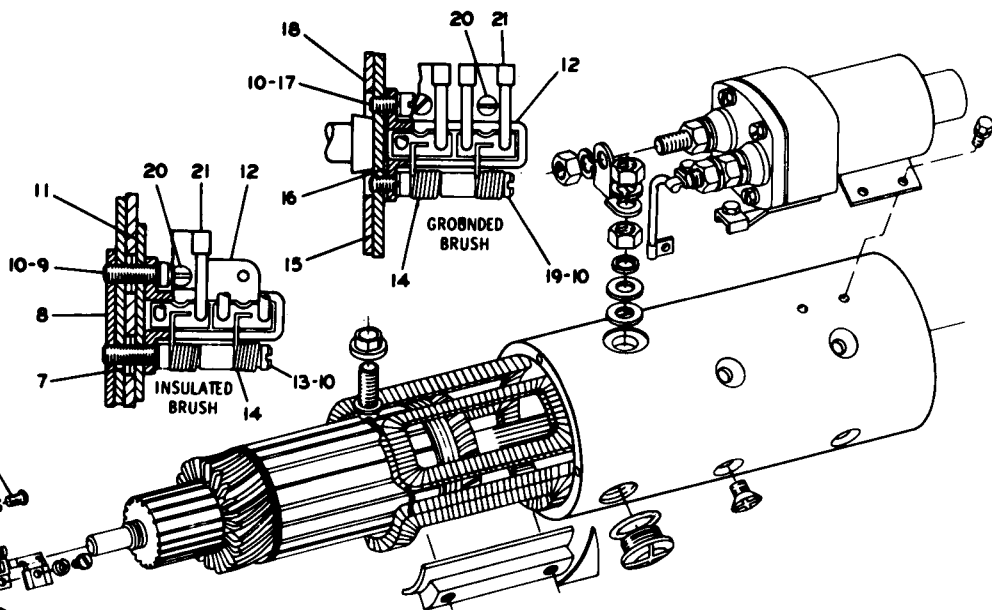
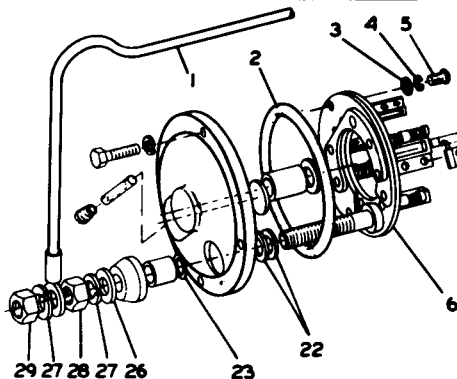
C 16	4M1812	SWITCH ASSEM.-----	1
		(Separate Illustration)	
17	6H3622	SCREW ASSEM.-----	4
18	3B4508	LOCKWASHER-----	1
19	3F379	SCREW-----	8
20	2N3145	INSULATOR-----	1
21	4M1831	PLUG-----	2
22	4M1832	GASKET-----	2
23	1H2629	STRIP-----	2
24	8H1141	SHOE-----	4



C INDICATES CHANGE

226219

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4M1849	LEAD ASSEM.-----	1
2	4M189	SEAL-----	1
3	7F3529	WASHER-----	3
4	8H878	LOCKWASHER-----	3
5	4B1221	SCREW-----	3
6	4M1846	PLATE ASSEM.-----	1
7	7F3525	BUSHING-----	8
8	7F4550	PLATE-----	1
9	5H6467	SCREW-----	2
10	7H2079	LOCKWASHER-----	8
11	2L6679	PLATE-----	2
12	7F4546	HOLDER-----	4
13	7F3522	SCREW-----	2
14	7F3512	SPRING-----	8
15	4M1891	PLATE ASSEM.-----	1
16	7F4549	PLATE-----	2
17	4B1311	SCREW-----	2
18	7F4545	PLATE-----	1
19	3H3697	SCREW-----	2



20	2F2860	SCREW-----(.312" long)-----	6
	4B1220	SCREW-----(.375" long)-----	2
	3B4501	LOCKWASHER-----	8
21	4M1845	BRUSH ASSEM.-----	8
22	7F3491	WASHER-----	2
23	8F9206	SEAL-----	1

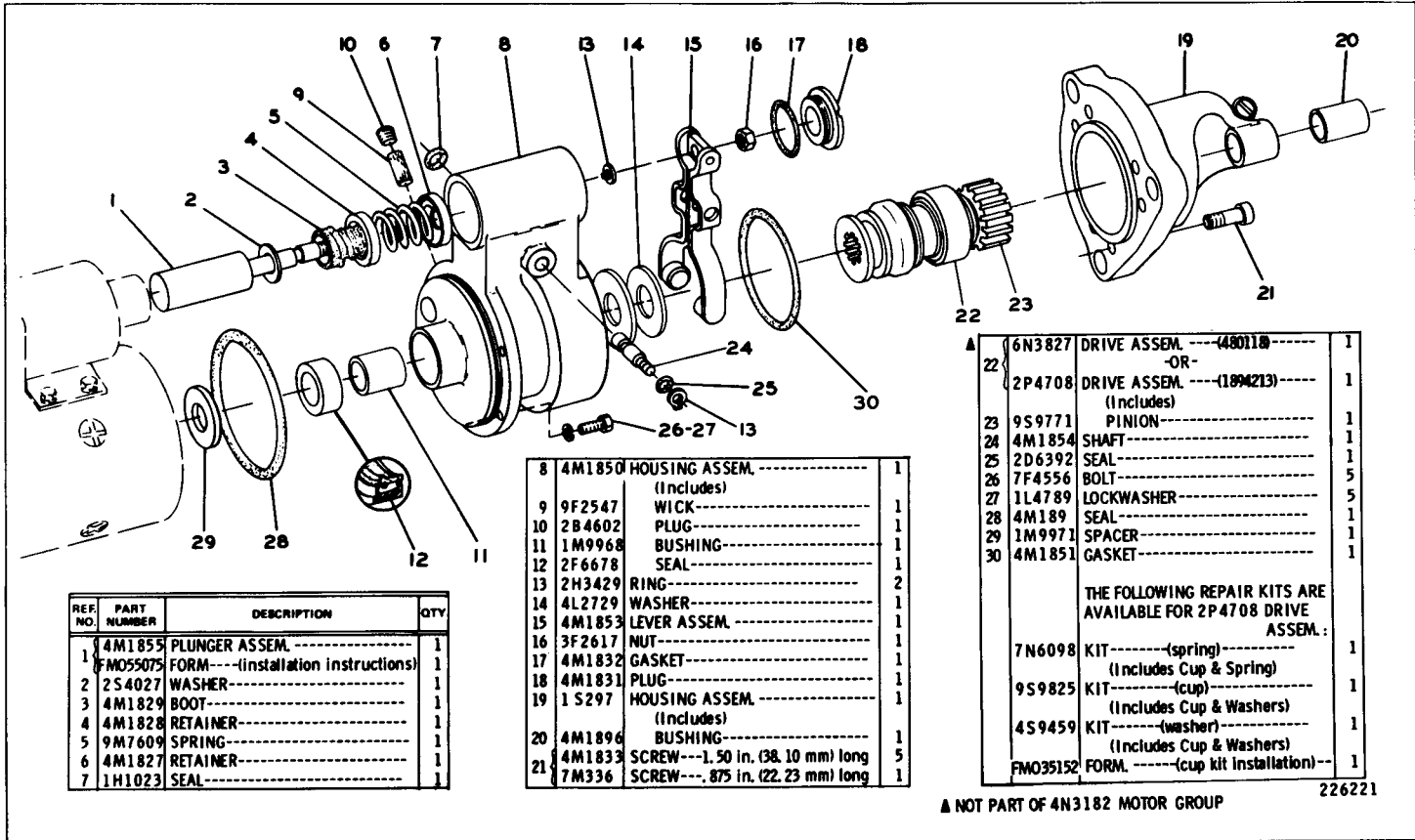
26	7F3494	WASHER-----	1
27	3B4508	LOCKWASHER-----	2
28	1D5117	NUT-----	1
29	1D4719	NUT-----	1
THE FOLLOWING REPAIR KIT IS AVAILABLE:			
	3N3763	KIT----- (insulator)-----	1
(Includes Insulator, Bushings and Washer)			

226220

4N3182 ELECTRIC STARTING MOTOR GROUP—Delco-Remy—24 Volt—Part 2 of 3—Type 2  
Part of 7S3622 Electric Starting Motor Group shown on Page 65



4N3182 ELECTRIC STARTING MOTOR GROUP—Delco-Remy—24 Volt—Part 3 of 3—Type 2  
Part of 7S3622 Electric Starting Motor Group shown on Page 65



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4M1855	PLUNGER ASSEM.-----	1
1	FMO55075	FORM---(installation instructions)	1
2	2S4027	WASHER-----	1
3	4M1829	BOOT-----	1
4	4M1828	RETAINER-----	1
5	9M7609	SPRING-----	1
6	4M1827	RETAINER-----	1
7	1H1023	SEAL-----	1

8	4M1850	HOUSING ASSEM.-----	1
		(Includes)	
9	9F2547	WICK-----	1
10	2B4602	PLUG-----	1
11	1M9968	BUSHING-----	1
12	2F6678	SEAL-----	1
13	2H3429	RING-----	2
14	4L2729	WASHER-----	1
15	4M1853	LEVER ASSEM.-----	1
16	3F2617	NUT-----	1
17	4M1832	GASKET-----	1
18	4M1831	PLUG-----	1
19	1S297	HOUSING ASSEM.-----	1
		(Includes)	
20	4M1896	BUSHING-----	1
21	4M1833	SCREW---1.50 in. (38.10 mm) long	5
	7M336	SCREW---.875 in. (22.23 mm) long	1

22	6N3827	DRIVE ASSEM.---(480118)---	1
		OR-	
22	2P4708	DRIVE ASSEM.---(1894213)---	1
		(Includes)	
23	9S9771	PINION-----	1
24	4M1854	SHAFT-----	1
25	2D6392	SEAL-----	1
26	7F4556	BOLT-----	5
27	1L4789	LOCKWASHER-----	5
28	4M189	SEAL-----	1
29	1M9971	SPACER-----	1
30	4M1851	GASKET-----	1
		THE FOLLOWING REPAIR KITS ARE AVAILABLE FOR 2P4708 DRIVE ASSEM.:	
	7N6098	KIT----- (spring)-----	1
		(Includes Cup & Spring)	
	9S9825	KIT----- (cup)-----	1
		(Includes Cup & Washers)	
	4S9459	KIT----- (washer)-----	1
		(Includes Cup & Washers)	
	FMO35152	FORM.----- (cup kit installation)---	1

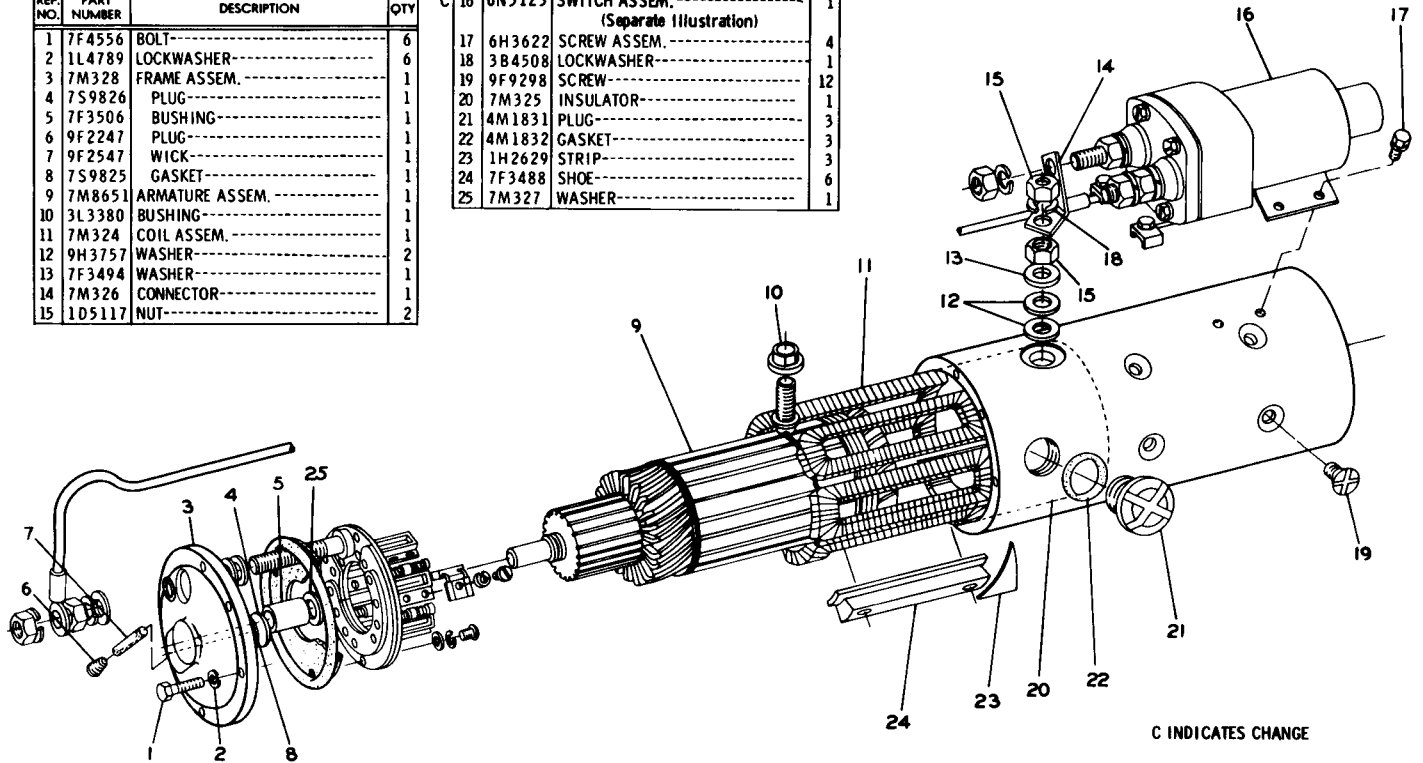
▲ NOT PART OF 4N3182 MOTOR GROUP

226221

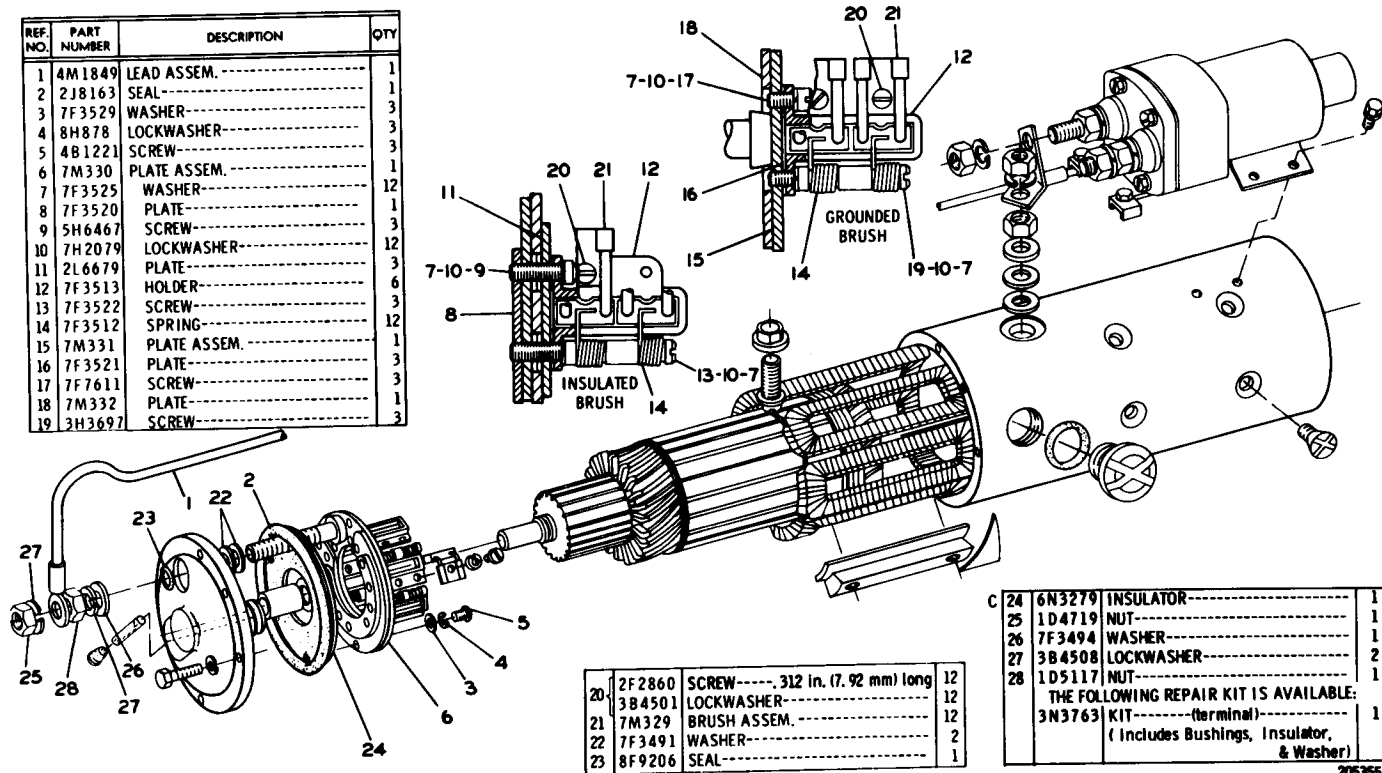
2P3926 STARTING MOTOR GROUP—24 Volt—Part 1 of 3  
 Part of 8S3886 Starting Motor Group shown on Page 65  
 6N5123 Switch parts are shown on Page 74  
 AN ATTACHMENT

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	7F4556	BOLT	6
2	1L4789	LOCKWASHER	6
3	7M328	FRAME ASSEM.	1
4	7S9826	PLUG	1
5	7F3506	BUSHING	1
6	9F2247	PLUG	1
7	9F2547	WICK	1
8	7S9825	GASKET	1
9	7M8651	ARMATURE ASSEM.	1
10	3L3380	BUSHING	1
11	7M324	COIL ASSEM.	1
12	9H3757	WASHER	2
13	7F3494	WASHER	1
14	7M326	CONNECTOR	1
15	1D5117	NUT	2

REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 16	6N5123	SWITCH ASSEM. (Separate Illustration)	1
17	6H3622	SCREW ASSEM.	4
18	3B4508	LOCKWASHER	1
19	9F9298	SCREW	12
20	7M325	INSULATOR	1
21	4M1831	PLUG	3
22	4M1832	GASKET	3
23	1H2629	STRIP	3
24	7F3488	SHOE	6
25	7M327	WASHER	1



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4M1849	LEAD ASSEM.-----	1
2	2J8163	SEAL-----	1
3	7F3529	WASHER-----	3
4	8H878	LOCKWASHER-----	3
5	4B1221	SCREW-----	3
6	7M330	PLATE ASSEM.-----	1
7	7F3525	WASHER-----	12
8	7F3520	PLATE-----	1
9	5H6467	SCREW-----	3
10	7H2079	LOCKWASHER-----	12
11	2L6679	PLATE-----	3
12	7F3513	HOLDER-----	6
13	7F3522	SCREW-----	3
14	7F3512	SPRING-----	12
15	7M331	PLATE ASSEM.-----	1
16	7F3521	PLATE-----	3
17	7F7611	SCREW-----	3
18	7M332	PLATE-----	1
19	3H3697	SCREW-----	3



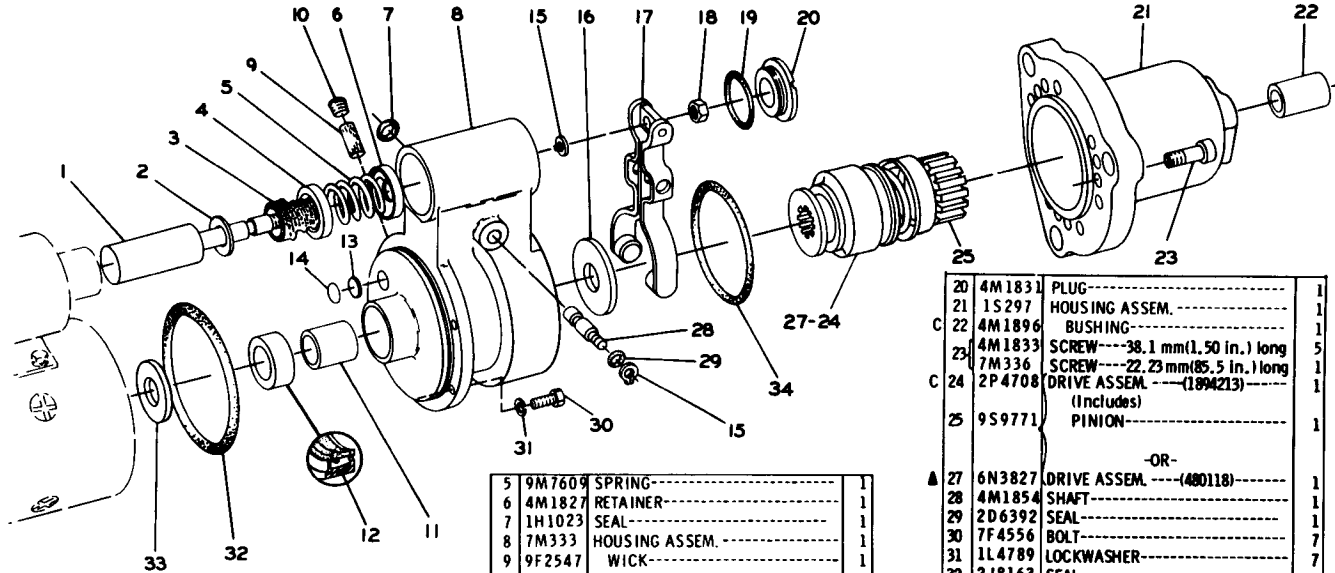
20	2F2860	SCREW-----, 312 in. (7.92 mm) long	12
	3B4501	LOCKWASHER-----	12
21	7M329	BRUSH ASSEM.-----	12
22	7F3491	WASHER-----	2
23	8F9206	SEAL-----	1

C 24	6N3279	INSULATOR-----	1
25	1D4719	NUT-----	1
26	7F3494	WASHER-----	1
27	3B4508	LOCKWASHER-----	2
28	1D5117	NUT-----	1
THE FOLLOWING REPAIR KIT IS AVAILABLE:			
	3N3763	KIT----- (terminal)-----	1
( Includes Bushings, Insulator, & Washer)			

205355

2P3926 STARTING MOTOR GROUP—24 Volt—Part 2 of 3  
Part of 8S3886 Starting Motor Group shown on Page 65  
AN ATTACHMENT

2P3926 STARTING MOTOR GROUP—24 Volt—Part 3 of 3  
 Part of 8S3886 Starting Motor Group shown on Page 65  
 AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4M1855	PLUNGER ASSEM. ....	1
	FMO55075	FORM--(Installation Instructions)-	1
2	2S4027	WASHER-----	1
3	4M1829	BOOT-----	1
4	4M1828	RETAINER-----	1

5	9M7609	SPRING-----	1
6	4M1827	RETAINER-----	1
7	1H1023	SEAL-----	1
8	7M333	HOUSING ASSEM. ....	1
9	9F2547	WICK-----	1
10	9F2247	PLUG-----	1
11	1M9968	BUSHING-----	1
12	2F6678	SEAL-----	1
13	7S9826	PLUG-----	1
14	7S9825	GASKET-----	1
15	2H3429	RING-----	2
16	4L2729	WASHER-----	1
17	4M1853	LEVER ASSEM. ....	1
18	3F2617	NUT-----	1
19	4M1832	GASKET-----	1

▲ NOT PART OF 2P3926 STARTING MOTOR GROUP

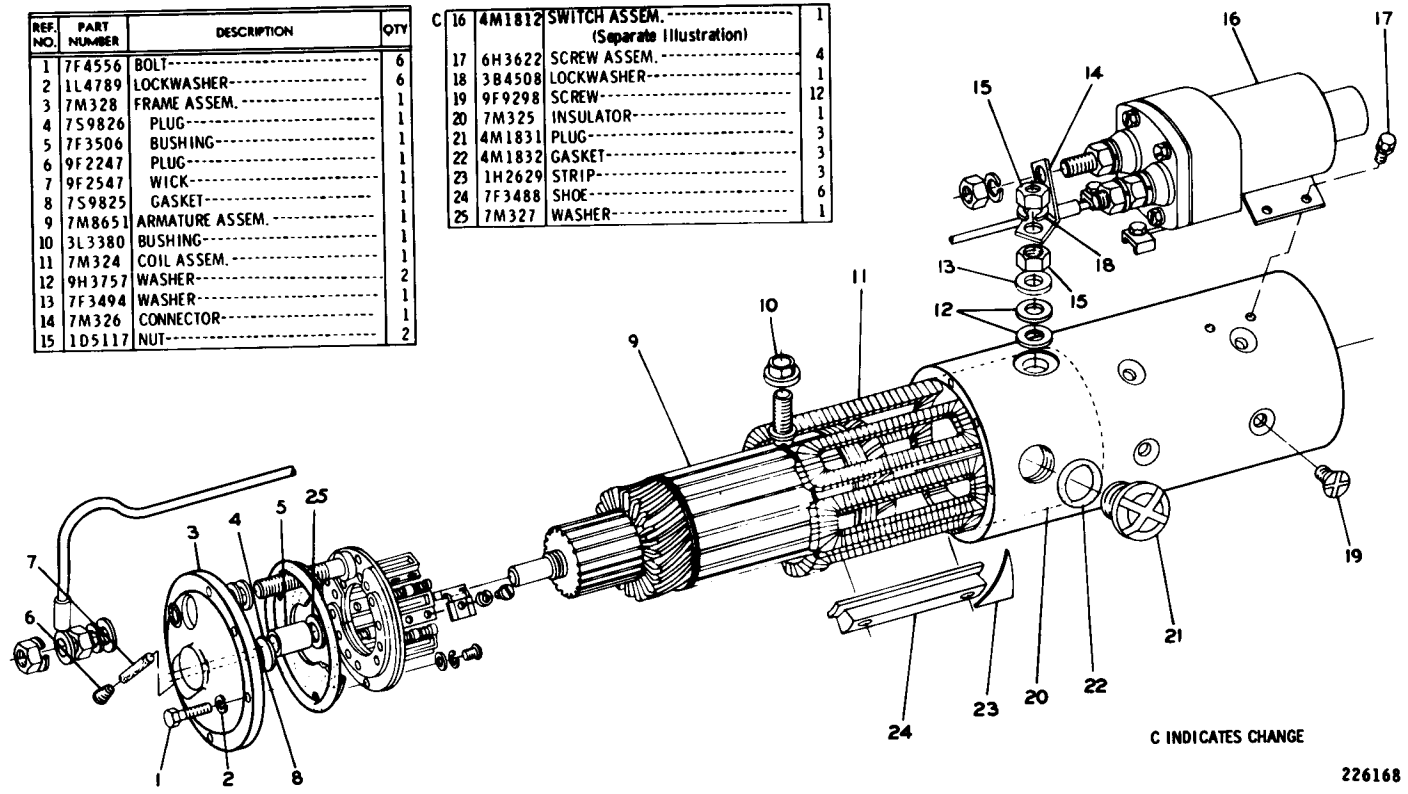
20	4M1831	PLUG-----	1
21	1S297	HOUSING ASSEM. ....	1
C 22	4M1896	BUSHING-----	1
23	4M1833	SCREW---38.1 mm(1.50 in.) long	5
	7M336	SCREW---22.23 mm(85.5 in.) long	1
C 24	2P4708	DRIVE ASSEM. ---(1894213)	1
		(Includes)	
25	9S9771	PINION-----	1
		-OR-	
▲ 27	6N3827	DRIVE ASSEM. ---(480118)-----	1
	4M1854	SHAFT-----	1
	2D6392	SEAL-----	1
	7F4556	BOLT-----	1
	1L4789	LOCKWASHER-----	7
	2J8163	SEAL-----	1
	1M9971	SPACER-----	1
	4M1851	GASKET-----	1
		THE FOLLOWING REPAIR KITS ARE AVAILABLE	
		FOR 2P4708 DRIVE ASSEM.:	
C	7N6098	KIT----- (spring)	1
	4S9459	KIT----- (washer)	1
	GMG0012	FORM-----	
		(Electric Starting Motor Changeover)	

C INDICATES CHANGE

218550

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	7F4556	BOLT-----	6
2	1L4789	LOCKWASHER-----	6
3	7M328	FRAME ASSEM.-----	1
4	7S9826	PLUG-----	1
5	7F3506	BUSHING-----	1
6	9F2247	PLUG-----	1
7	9F2547	WICK-----	1
8	7S9825	GASKET-----	1
9	7M8651	ARMATURE ASSEM.-----	1
10	3L3380	BUSHING-----	1
11	7M324	COIL ASSEM.-----	1
12	9H3757	WASHER-----	2
13	7F3494	WASHER-----	1
14	7M326	CONNECTOR-----	1
15	1D5117	NUT-----	2

C 16	4M1812	SWITCH ASSEM.-----	1
		(Separate Illustration)	
17	6H3622	SCREW ASSEM.-----	4
18	3B4508	LOCKWASHER-----	1
19	9F9298	SCREW-----	12
20	7M325	INSULATOR-----	1
21	4M1831	PLUG-----	3
22	4M1832	GASKET-----	3
23	1H2629	STRIP-----	3
24	7F3488	SHOE-----	6
25	7M327	WASHER-----	1

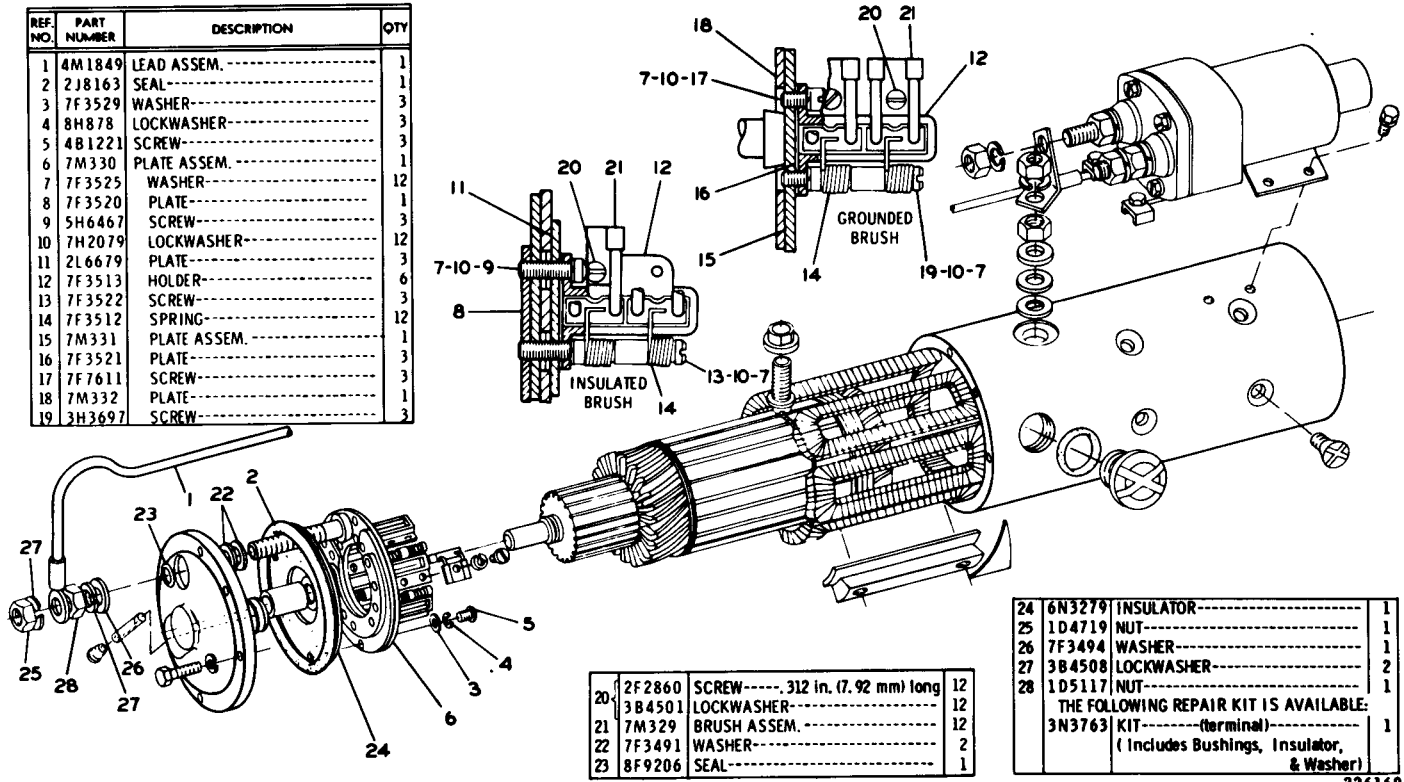


226168

2P3926 STARTING MOTOR GROUP—24 Volt—Part 1 of 3—Type 2  
 Part of 8S3886 Starting Motor Group shown on Page 65  
 4M1812 Switch parts are shown on Page 74A. AN ATTACHMENT

2P3926 STARTING MOTOR GROUP—24 Volt—Part 2 of 3—Type 2  
 Part of 8S3886 Starting Motor Group shown on Page 65  
 AN ATTACHMENT

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4M1849	LEAD ASSEM.-----	1
2	2J8163	SEAL-----	1
3	7F3529	WASHER-----	3
4	8H878	LOCKWASHER-----	3
5	4B1221	SCREW-----	3
6	7M330	PLATE ASSEM.-----	1
7	7F3525	WASHER-----	12
8	7F3520	PLATE-----	1
9	5H6467	SCREW-----	3
10	7H2079	LOCKWASHER-----	12
11	2L6679	PLATE-----	3
12	7F3513	HOLDER-----	6
13	7F3522	SCREW-----	3
14	7F3512	SPRING-----	12
15	7M331	PLATE ASSEM.-----	1
16	7F3521	PLATE-----	3
17	7F7611	SCREW-----	3
18	7M332	PLATE-----	1
19	3H3697	SCREW-----	3

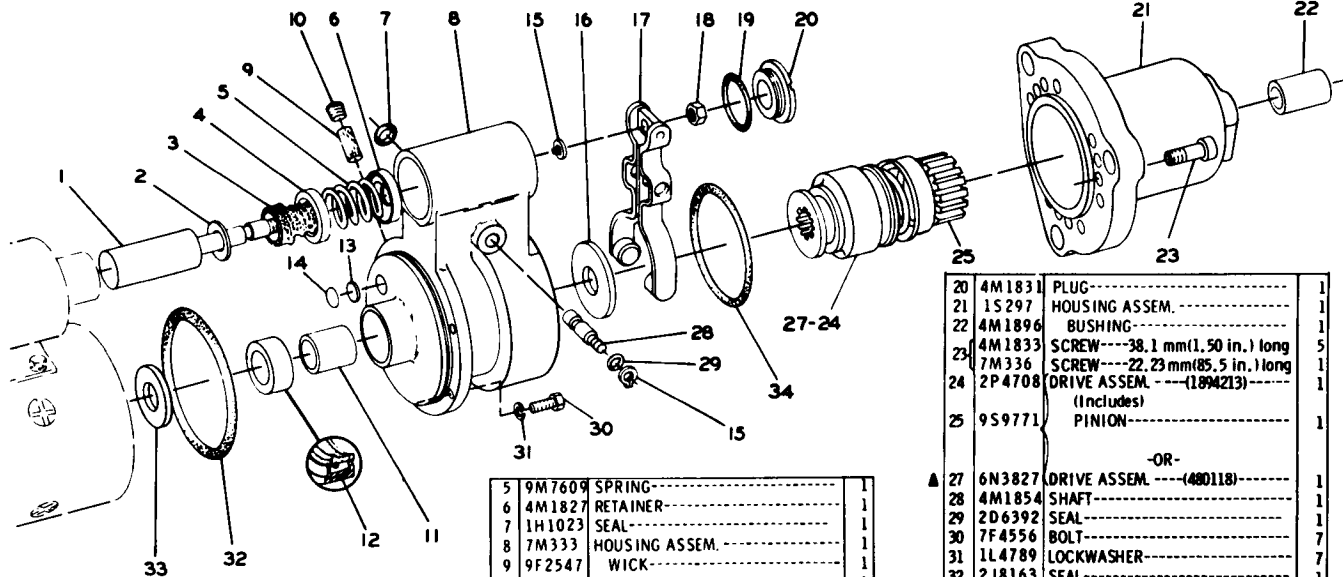


20	2F2860	SCREW----- .312 in. (7.92 mm) long	12
	3B4501	LOCKWASHER-----	12
21	7M329	BRUSH ASSEM.-----	12
22	7F3491	WASHER-----	2
23	8F9206	SEAL-----	1

24	6N3279	INSULATOR-----	1
25	1D4719	NUT-----	1
26	7F3494	WASHER-----	1
27	3B4508	LOCKWASHER-----	2
28	1D5117	NUT-----	1
THE FOLLOWING REPAIR KIT IS AVAILABLE:			
3N3763	KIT----- (terminal)		1
(Includes Bushings, Insulator, & Washer)			

226169

2P3926 STARTING MOTOR GROUP—24 Volt—Part 3 of 3—Type 2  
 Part of 8S3886 Starting Motor Group shown on Page 65  
 AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4M1855	PLUNGER ASSEM. ....	1
	FM055075	FORM--(Installation Instructions)-	1
2	2S4027	WASHER.....	1
3	4M1829	BOOT.....	1
4	4M1828	RETAINER.....	1

5	9M7609	SPRING.....	1
6	4M1827	RETAINER.....	1
7	1H1023	SEAL.....	1
8	7M333	HOUSING ASSEM. ....	1
9	9F2547	WICK.....	1
10	9F2247	PLUG.....	1
11	1M9968	BUSHING.....	1
12	2F6678	SEAL.....	1
13	7S9826	PLUG.....	1
14	7S9825	GASKET.....	1
15	2H3429	RING.....	2
16	4L2729	WASHER.....	1
17	4M1853	LEVER ASSEM. ....	1
18	3F2617	NUT.....	1
19	4M1832	GASKET.....	1

▲ NOT PART OF 2P3926 STARTING MOTOR GROUP

20	4M1831	PLUG.....	1
21	1S297	HOUSING ASSEM. ....	1
22	4M1896	BUSHING.....	1
	4M1833	SCREW---38.1 mm(1.50 in.) long	5
23	7M336	SCREW---22.23 mm(85.5 in.) long	1
24	2P4708	DRIVE ASSEM. ....(1894213)-----	1
		(Includes)	
25	9S9771	PINION.....	1
		-OR-	
▲ 27	6N3827	DRIVE ASSEM. ....(480118)-----	1
28	4M1854	SHAFT.....	1
29	2D6392	SEAL.....	1
30	7F4556	BOLT.....	7
31	1L4789	LOCKWASHER.....	7
32	2J8163	SEAL.....	1
33	1M9971	SPACER.....	1
34	4M1851	GASKET.....	1
		THE FOLLOWING REPAIR KITS ARE AVAILABLE	
		FOR 2P4708 DRIVE ASSEM. :	
	7N6098	KIT----- (spring)	
	4S9459	KIT----- (washer)	
	GMG00012	FORM	
		(Electric Starting Motor Changeover)	

226170

# CATERPILLAR 977L TRACK LOADER

REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	7N908	TERMINAL ASSEM. -----	1
1	4M1834	(Includes) PLATE -----	1
2	7F4907	STRIP -----	1
3	3H3681	NUT -----	2
4	3B4508	LOCKWASHER -----	4
5	3H3680	NUT -----	2
6	7F3494	WASHER -----	2
7	4M1836	INSULATOR -----	2
8	4M1837	BUSHING -----	2
C 9	7F4906	STUD -----	1
10	7N909	TERMINAL ASSEM. -----	1

11	9S4490	GASKET -----	1
12	4M5274	SCREW ----- (large) -----	1
		- OR -	
C 13	5P9132	SCREW ----- (small) -----	1
14	9S4489	SCREW ASSEM. -----	4
15	4M3217	SCREW -----	2
16	4M1814	CONTACT ASSEM. -----	1
17	3P72	CASE ASSEM. -----	1
18	1F73	CLIP -----	2
	4M1815	SPRING -----	1

C INDICATES CHANGE

229022

## 6N5123 SOLENOID SWITCH ASSEMBLY

Part of 4N3182 and 2P3926 Starting Motor Groups shown on Pages 68 and 71

REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	9M7657	NUT -----	4
2	8S8023	COVER ASSEM. -----	1
3	8S8024	GASKET -----	1
		(Part of 8S8023 Cover Assem.)	
4	9B7235	SCREW -----	1
	9M7233	LOCKWASHER -----	1
5	8S1528	BOOT -----	1
6	8S8021	CORE ASSEM. -----	1

The following Repair Kits are available:

- 8S1524-KIT ----- (Terminal Stud-Battery) ----- 1
- 8S1525-KIT ----- (Terminal Stud-Motor) ----- 1
- 9S8688-KIT ----- (Core-Contact End) ----- 1
- 8S1527-KIT ----- (Core-Yoke End) ----- 1

C INDICATES CHANGE

115899

## 9S7976 SOLENOID SWITCH ASSEMBLY

Part of 4N7752 Electric Starting Motor Group shown on Page 66



REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	7N1269	TERMINAL ASSEM.-----	1
1	4M1834	PLATE-----	1
2	7F4907	STRIP-----	1
3	3H3681	NUT-----	2
4	3B4508	LOCKWASHER-----	4
5	3H3680	NUT-----	2
6	7F3494	WASHER-----	2
7	4M1836	INSULATOR-----	2
8	4M1837	BUSHING-----	2
9	7F4906	STUD-----	1
10	4M2800	TERMINAL-----	1
11	7N1271	TERMINAL ASSEM.-----	1

12	4M5274	SCREW----- (hex head)--	1
		- OR -	
C 13	5P9132	SCREW----- (truss head)--	1
14	1P3879	LEAD ASSEM.-----	1
C 15	4M3217	SCREW-----	2
15	9G6770	CONTACT ASSEM.-----	1
16	4M1813	CASE ASSEM.-----	1
17	1F73	CLIP-----	2
18	4M1815	SPRING-----	1
	9M7657	NUT-----	4
19		- OR -	
	9S4489	SCREW ASSEM.-----	4
20	9S4490	GASKET-----	4

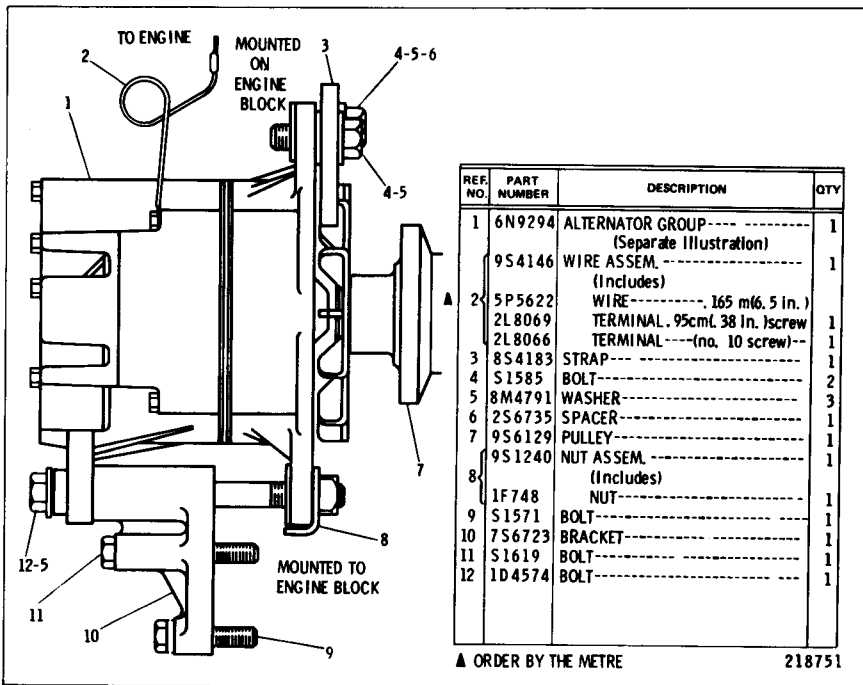
  

C INDICATES CHANGE

228187

4M1812 SOLENOID SWITCH ASSEMBLY

Part of 4N3182 and 2P3926 Starting Motor Groups shown on Pages 70A and 73A



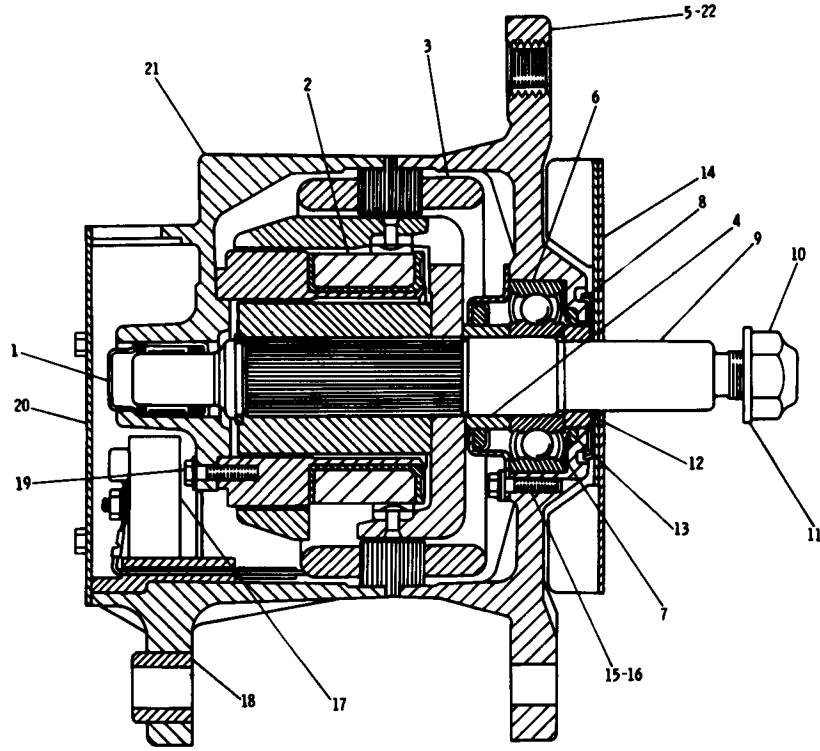
7N4389 ALTERNATOR GROUP—24 Volt, 35 Ampere  
 6N9294 Alternator parts are shown on Pages 76, 77 and 77A  
 Note: 7M4719 Vee Belt Set, consisting of 2 belts, is used

CONSISTS OF:			PAGE
1	9S6693	ALTERNATOR GROUP	
CONSISTING OF:			
1	5S9088	ALTERNATOR ASSEMBLY .....	78
1	9S6129	PULLEY--ALTERNATOR DRIVE	
1	1H6936	WIRE ASSEMBLY--ALTERNATOR TO ENGINE	
CONSISTING OF:			
1	9F9353	TERMINAL	
1	9F5320	TERMINAL	
2	8B653	INSULATOR	
1	8M7892	AMMETER	
1	9S173	CIRCUIT BREAKER	

9S6591 ALTERNATOR ARRANGEMENT—24 Volt, 50 Ampere—Replaced by 8N1084 listed on Page 75B  
 Note: 7M4719 Vee Belt Set, consisting of 2 belts, is used. AN ATTACHMENT

CONSISTS OF:		PAGE
1	5S9088 ALTERNATOR GROUP .....	78
1	1H6936 WIRE ASSEMBLY--ALTERNATOR TO ENGINE	
CONSISTS OF:		
1	2L8060 TERMINAL--No. 8 WIRE--3/8" SCREW	
1	2L8058 TERMINAL--No. 8 WIRE--3/8" SCREW	
3 DM	5P5689 WIRE	

8N1084 CHARGING ALTERNATOR GROUP—24 Volt, 50 Ampere  
AN ATTACHMENT

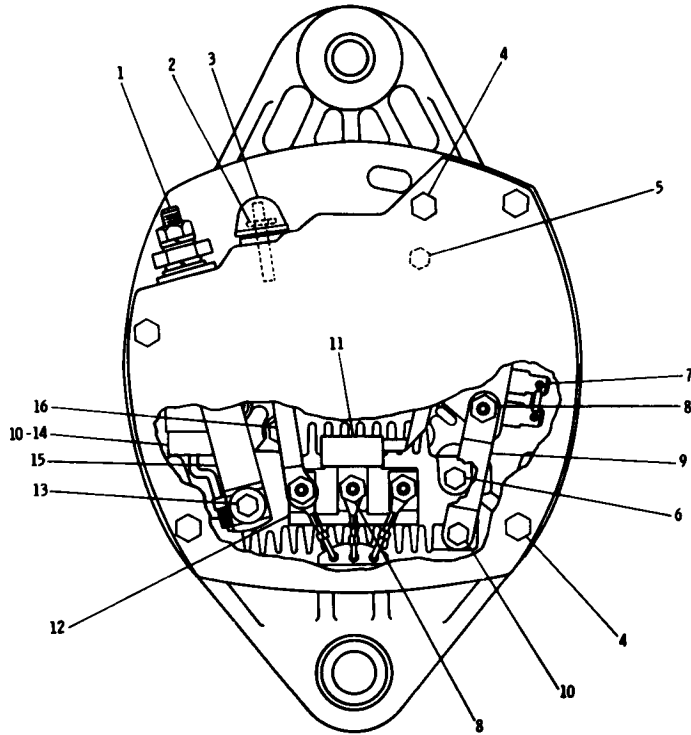


REF NO.	PART NUMBER	DESCRIPTION	QTY
1	5P6920	BEARING-----	1
2	7N7806	COIL ASSEM.-----	1
3	7N7804	STRATOR ASSEM.-----	1
4	7N7795	COLLAR-----	1
5	7N7810	FRAME ASSEM.-----	1
6	5P9514	BEARING-----	1
7	9L2140	PLATE-----	1
8	9L6782	SHIELD-----	1
9	7N7800	ROTOR ASSEM.-----	1
10	2K4821	LOCKNUT-----	1
11	7F7621	WASHER-----	1
12	9L6783	COLLAR-----	1
13	9L2139	WASHER-----	1
14	9N1210	FAN ASSEM.-----	1
15	7N9020	SCREW ASSEM.-----	3
16	9L2137	RETAINER ASSEM.-----	1
17	377559	RECTIFIER ASSEM.-----	1
18	9S2396	BUSHING-----	1
19	9S2007	SCREW-----	4
20	7N7809	PLATE-----	1
21	7N7805	HOUSING ASSEM.-----	1
22	7N9024	BOLT-----	4

218758

6N9294 ALTERNATOR GROUP—24 Volt, 35 Ampere—Part 1  
 Serial No. 14X1 to 14X1669 inclusive  
 Part of 7N4389 Alternator Group shown on Page 75

6N9294 ALTERNATOR GROUP—24 Volt, 35 Ampere—Part 2  
 Serial No. 14X1 to 14X1669 inclusive  
 Part of 7N4389 Alternator Group shown on Page 75



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	7N7807	TERMINAL KIT----- (output)----- (Includes Insulator, Screw, Washers, Lockwasher, Nut, & Adapter)	1
2	7N7808	TERMINAL KIT----- (Includes Stud, Bushings, Washers & Nut Assem.)	1
3	9L6770	CAP-----	1
4	8N740	SCREW ASSEM.-----	5
5	7N9022	SCREW ASSEM.-----	2
	9N938	WASHER-----	2
6	7N9023	SCREW ASSEM.-----	2
7	7N7799	REGULATOR ASSEM.-----	1
8	6N1869	NUT ASSEM.-----	4
9	7N7811	CONNECTOR-----	1
10	7N9018	SCREW ASSEM.-----	3
11	9N1202	DIODE ASSEM.-----	1
12	7N7797	INSULATOR-----	2
13	7N9021	SCREW ASSEM.-----	2
	7N7796	BUSHING-----	1
14	7N7802	CAPACITOR ASSEM.-----	1
15	3N4082	BRACKET-----	1
16	7N7798	CONNECTOR-----	1
	7N7801	CONNECTOR-----	1

218759

## CONSISTS OF:

PAGE

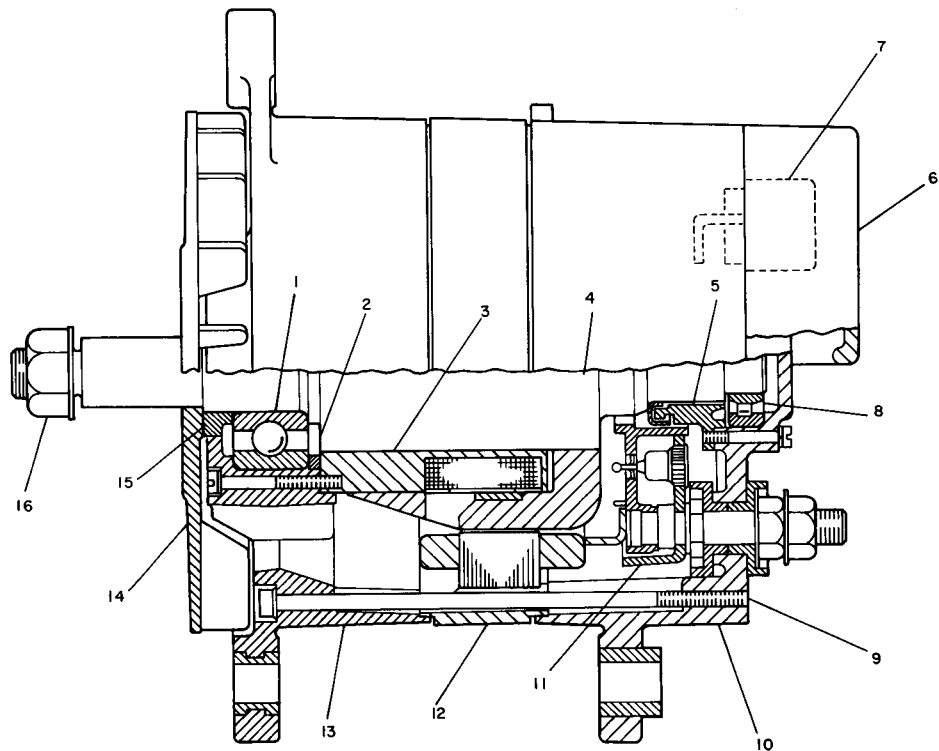
1 9G8255 ALTERNATOR GROUP (DELCO REMY) ..... 77C

- OR -

1 7N9720 ALTERNATOR GROUP (ROBERT BOSCH) ..... 77B

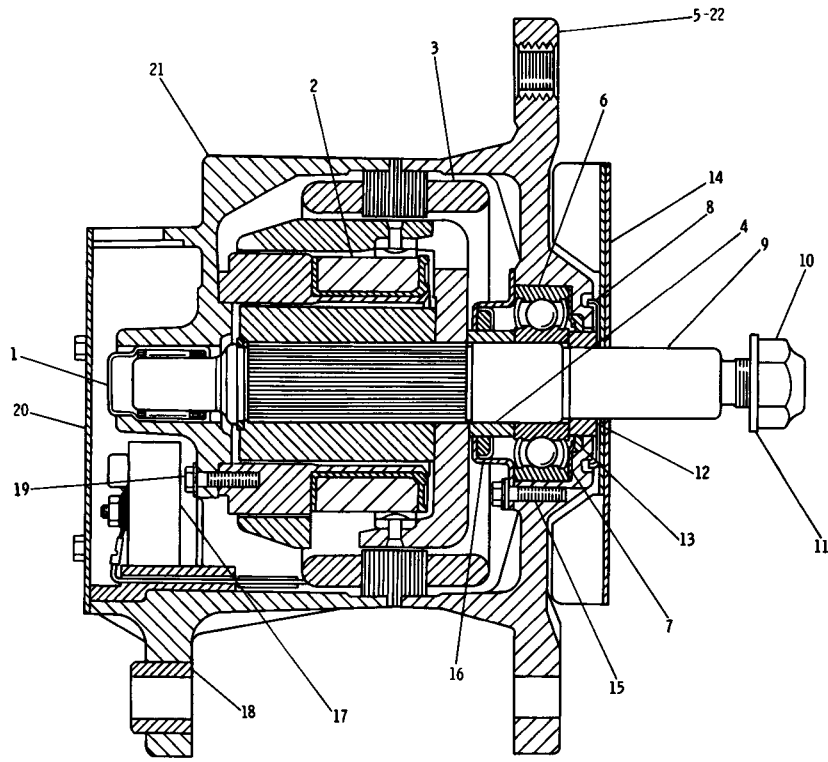
6N9294 ALTERNATOR GROUP—24 Volt, 35 Ampere  
Serial No. 14X1670—Up  
Part of 7N4389 Alternator Group shown on Page 75

7N9720 ALTERNATOR GROUP—Robert Bosch—24 Volt, 35 Ampere  
 Serial No. 14X1670—Up  
 Part of 6N9294 Alternator Group listed on Page 77A



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	9G7551	BEARING-----	1
2	9G7548	RING-----	1
3	9G7558	COIL ASSEM.-----	1
4	9G7560	ROTOR ASSEM.-----	1
5	9G7553	RING-----	1
6	9G7562	COVER ASSEM.-----	1
7	9G7567	REGULATOR ASSEM.-----	1
8	9G7552	BEARING-----	1
9	9G7557	SCREW ASSEM.-----	1
10	9G7568	FRAME ASSEM.-----	1
11	9G7563	DIODE ASSEM.-----	1
12	9G7561	STATOR ASSEM.-----	1
13	9G7566	FRAME-----	1
14	9G7564	FAN-----	1
15	9G7549	SPACER-----	1
16	2K4821	LOCKNUT-----	1
	7K7621	WASHER-----	1
THE FOLLOWING REPAIR KITS ARE AVAILABLE:			
	9G7554	KIT----- (ground terminal) (Includes nuts & lockwashers)	1
	9G7555	KIT----- (output terminal) (Includes nuts, washers & bushings)	1
	9G7556	KIT----- (capacitor) (Includes capacitor, screw, lockwasher & washer)	1
	9G7559	KIT----- (relay terminal) (Includes splice, tube, nut, terminal, lockwasher, washers, and bushing)	1
	9G7565	KIT----- (regulator terminal) (Includes nuts, lockwashers, washers and bushing)	1

228797



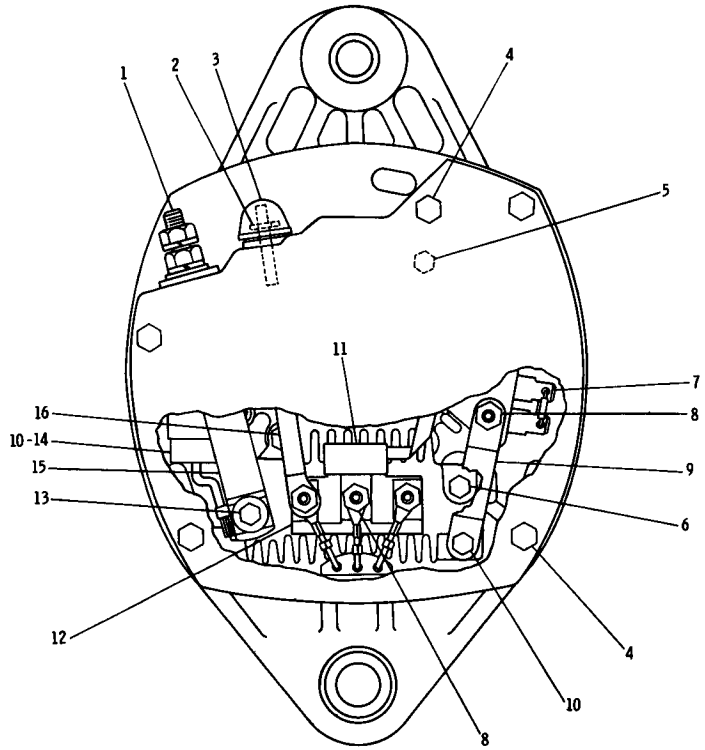
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	5P6920	BEARING-----	1
2	7N7806	COIL ASSEM.-----	1
3	7N7804	STATOR ASSEM.-----	1
4	7N7795	COLLAR-----	1
5	7N7810	FRAME ASSEM.-----	1
6	5P9514	BEARING-----	1
7	9L2140	PLATE-----	1
8	9L6782	SHIELD-----	1
9	7N7800	ROTOR ASSEM.-----	1
10	2K4821	LOCKNUT-----	1
11	7F7621	WASHER-----	1
12	9L6783	COLLAR-----	1
13	9L2139	WASHER-----	1
14	9N1210	FAN ASSEM.-----	1
15	7N9020	SCREW ASSEM.-----	3
16	9L2137	RETAINER ASSEM.-----	1
17	7N7122	RECTIFIER ASSEM.-----	1
18	9S2396	BUSHING-----	1
19	9S2007	SCREW-----	4
20	7N7809	PLATE-----	1
21	7N7805	HOUSING-----	1
22	7N9024	BOLT-----	4

228795

9G8255 ALTERNATOR GROUP—Delco-Remy—24 Volt, 35 Ampere—Part 1  
 Serial No. 14X1670—Up  
 Part of 6N9294 Alternator Group listed on Page 77A



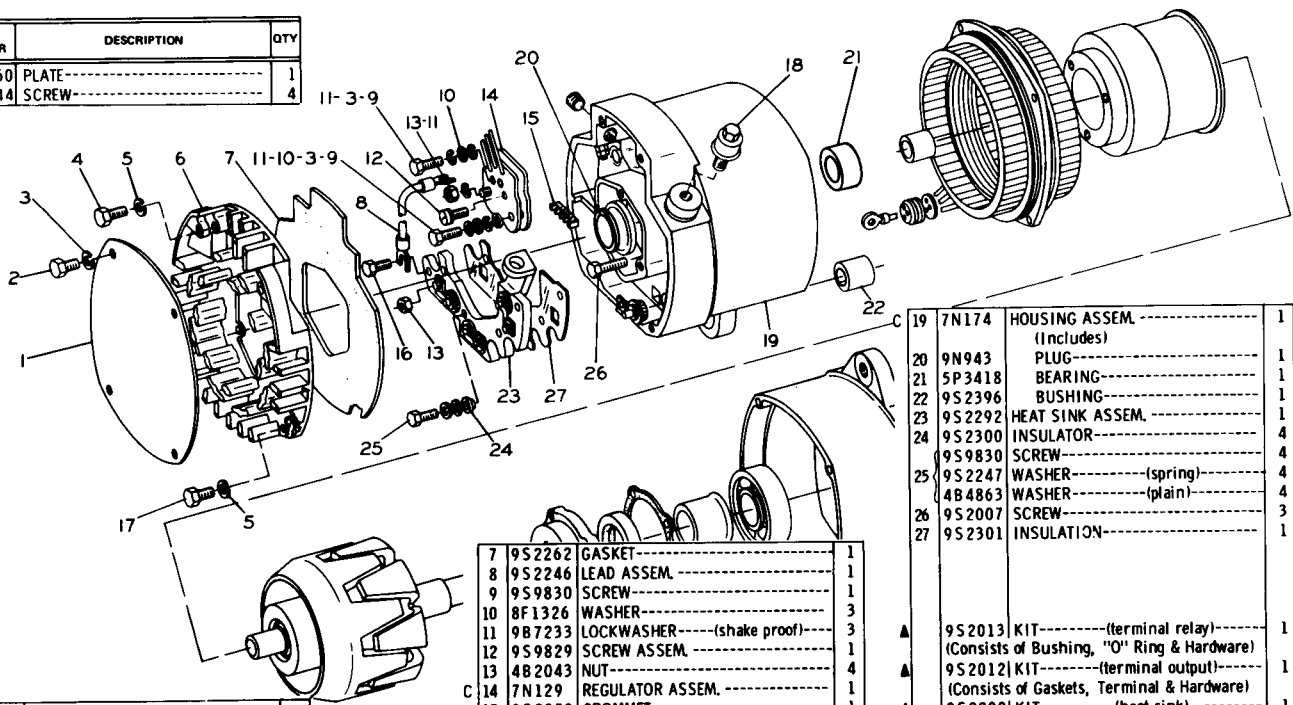
9G8255 ALTERNATOR GROUP—Delco-Remy—24 Volt, 35 Ampere—Part 2  
 Serial No. 14X1670—Up  
 Part of 6N9294 Alternator Group listed on Page 77A



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	7N7807	TERMINAL KIT----(output)----- (Includes Insulator, Screw, Washers, Lockwasher, Nut&Adapter)	1
2	7N7808	TERMINAL KIT----- (Includes Stud, Bushings, Washers & Nut Assem.)	1
3	9L6770	CAP-----	1
4	8N740	SCREW ASSEM.-----	5
5	7N9022	SCREW ASSEM.-----	2
	9N938	WASHER-----	2
6	7N9023	SCREW ASSEM.-----	2
7	7N7799	REGULATOR ASSEM.-----	1
8	6N1869	NUT ASSEM.-----	4
9	7N7811	CONNECTOR-----	1
10	7N9018	SCREW ASSEM.-----	3
11	9N1202	DIODE ASSEM.-----	1
12	7N7797	INSULATOR-----	2
13	7N9021	SCREW ASSEM.-----	1
	7N7796	BUSHING-----	1
14	7N7802	CAPACITOR ASSEM.-----	1
	3N4082	BRACKET-----	1
15	7N7798	CONNECTOR-----	1
16	7N7801	CONNECTOR-----	1

228796

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	9S2260	PLATE-----	1
2	9S2544	SCREW-----	4



3	8H878	LOCKWASHER-----	6
4	9S2438	SCREW-----	2
5	7H2079	LOCKWASHER-----	7
6	9S2255	COVER-----	1

7	9S2262	GASKET-----	1
8	9S2246	LEAD ASSEM.-----	1
9	9S9830	SCREW-----	1
10	8F1326	WASHER-----	3
11	9B1233	LOCKWASHER----- (shake proof)	3
12	9S9829	SCREW ASSEM.-----	1
13	4B2043	NUT-----	4
C 14	7N129	REGULATOR ASSEM.-----	1
15	9S2250	GROMMET-----	1
16	9S2542	SCREW-----	1
17	9S2437	SCREW-----	5
18	9S2389	STUD ASSEM.-----	1

19	7N174	HOUSING ASSEM.-----	1
		(Includes)	
20	9N943	PLUG-----	1
21	5P3418	BEARING-----	1
22	9S2396	BUSHING-----	1
23	9S2292	HEAT SINK ASSEM.-----	1
24	9S2300	INSULATOR-----	4
	9S9830	SCREW-----	4
25	9S2247	WASHER----- (spring)	4
	4B4863	WASHER----- (plain)	4
26	9S2007	SCREW-----	3
27	9S2301	INSULATION-----	1
▲	9S2013	KIT----- (terminal relay)	1
		(Consists of Bushing, "O" Ring & Hardware)	
▲	9S2012	KIT----- (terminal output)	1
		(Consists of Gaskets, Terminal & Hardware)	
▲	9S2290	KIT----- (heat sink)	1
		(Diode Junction Hardware)	
▲	9S2291	KIT----- (heat sink)	1
		(Positive Diode Hardware)	

C INDICATES CHANGE

▲ NOT PART OF 5S9088 ALTERNATOR ASSEM. 162528

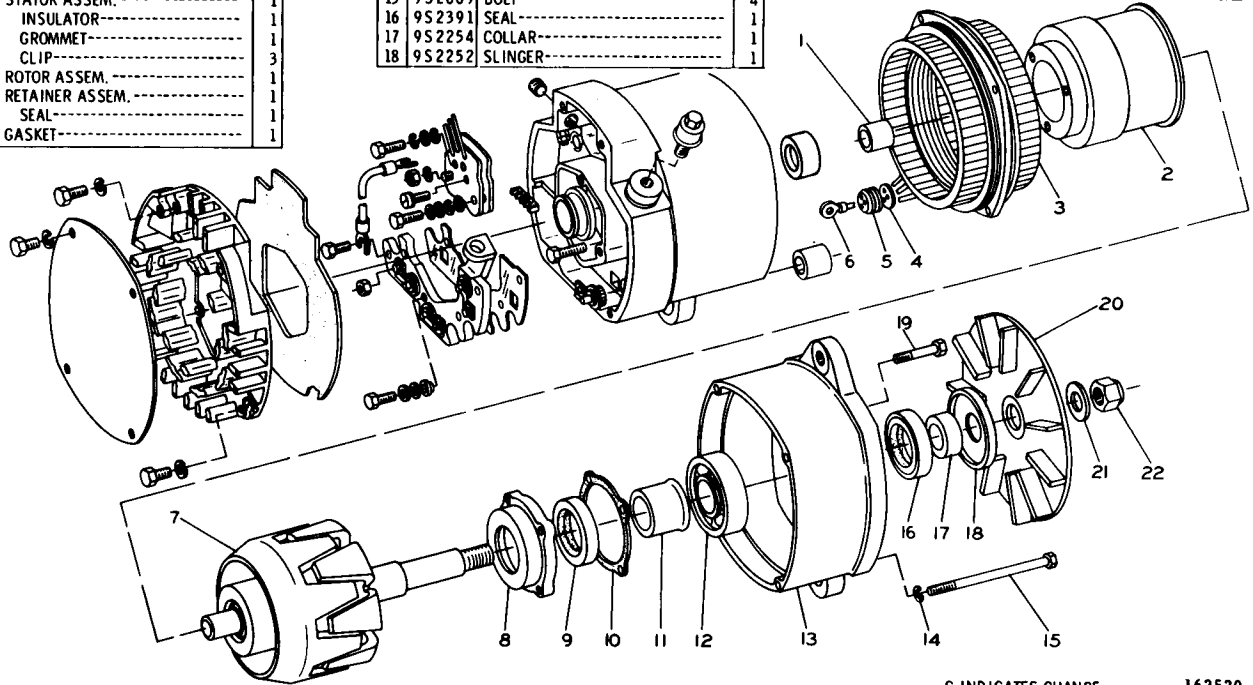
5S9088 ALTERNATOR ASSEMBLY—24 Volt, 50 Ampere—Part 1  
 Part of 9S6591 & 8N1084 Alternator Arrangements listed on Pages 75 & 75B  
 AN ATTACHMENT

**5S9088 ALTERNATOR ASSEMBLY—24 Volt, 50 Ampere—Part 2**  
 Part of 9S6591 & 8N1084 Alternator Arrangements listed on Pages 75 & 75B  
 AN ATTACHMENT

REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	5P3419	RACE-----	1
2	9S2248	FIELD COIL AND SUPPORT ASSEM.	1
3	9S2004	STATOR ASSEM.	1
4	9S2006	INSULATOR-----	1
5	9S2005	GROMMET-----	1
6	9S2014	CLIP-----	3
7	9S2302	ROTOR ASSEM.	1
8	9S2390	RETAINER ASSEM.	1
9	9S2391	SEAL-----	1
10	9S2256	GASKET-----	1

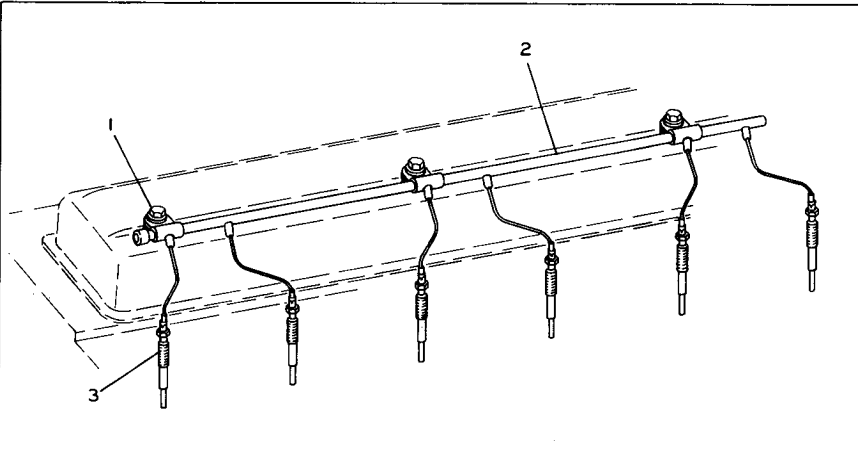
11	9S2261	COLLAR-----	1
12	2F5721	BEARING-----	1
13	2P5616	FRAME-----	1
14	3B4502	LOCKWASHER-----	4
15	9S2009	BOLT-----	4
16	9S2391	SEAL-----	1
17	9S2254	COLLAR-----	1
18	9S2252	SLINGER-----	1

19	9S2008	SCREW-----	4
20	9S2258	FAN AND BAFFLE ASSEM.	1
21	7F7621	WASHER-----	1
22	2K4821	LOCKNUT-----	1



C INDICATES CHANGE

162529



REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	1C569	BOLT-----	3
	9M1974	WASHER-----	3

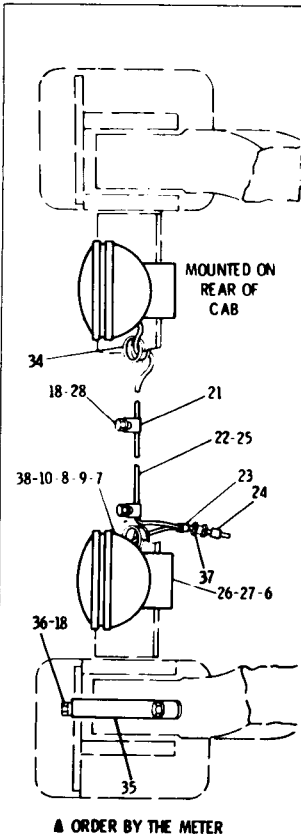
C 2	7N9636	LEAD ASSEM.-----	1
C 3	4N360	GLOW PLUG----- (24 volt)----	6
C 5	MHS 6842	FORM----- (Instructions For Installing Glow Plugs)	1

C INDICATES CHANGE

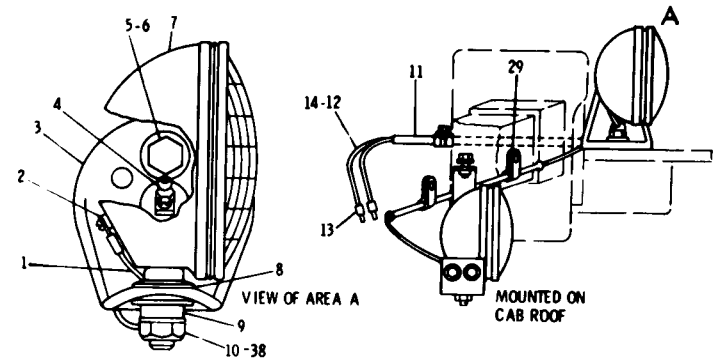
226159

5S8501 GLOW PLUG GROUP—24 Volt

7G3128 LIGHTING GROUP—24 Volt, 6 Lamp  
 FOR USE WITH OPEN ROPS  
 1M1882 Flood Lamp parts are shown on Page 84  
 AN ATTACHMENT



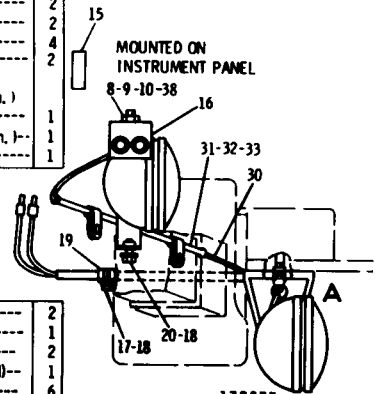
REF. NO.	PART NUMBER	DESCRIPTION	QTY
	9P4697	WIRE ASSEM. (Each Includes)	2
1	5P5624	WIRE-----1.10 m(43.30 in.)	
	5P5610	CONNECTOR-----	1
2	2L8075	TERMINAL-----	1
3	5M1514	BRACKET-----	2
4	1K6842	FITTING-----	2
	3B7285	NIPPLE-----	2
5	S1595	BOLT-----	4
6	5P1076	WASHER-----	8
7	1M1882	LAMP GROUP (Separate Illustration)	6
8	2B8352	WASHER-----	12
9	4L8183	SPACER-----	6
10	1B4206	NUT-----	6
11	9P4543	TUBE-----	2
	7G3175	WIRE ASSEM. (Each Includes)	2
12	5P5624	WIRE-----1.30 m(51.20 in.)	
13	5P5610	CONNECTOR-----	1
14	6N9587	CONNECTOR-----	1
15	5P9870	FILM-----	1
	4V3422	BRACKET ASSEM. (Each Includes)	2
16	9F2978	NUT-----	3
17	S509	BOLT-----	4
18	5P1075	WASHER-----	4
19	1S2487	CLIP-----	4
20	1A2029	BOLT-----	4
21	1H5166	CLIP-----	2
	7G5379	WIRE ASSEM. (Includes)	1
22	5P5624	WIRE-----1.60 m(62.99 in.)	
23	2S1043	SPLICE-----	1
24	5P5610	CONNECTOR-----	2
25	2L8075	TERMINAL-----	2
	9P4942	BRACKET ASSEM. (Each Includes)	2
26	1F748	NUT----- (weld)	2

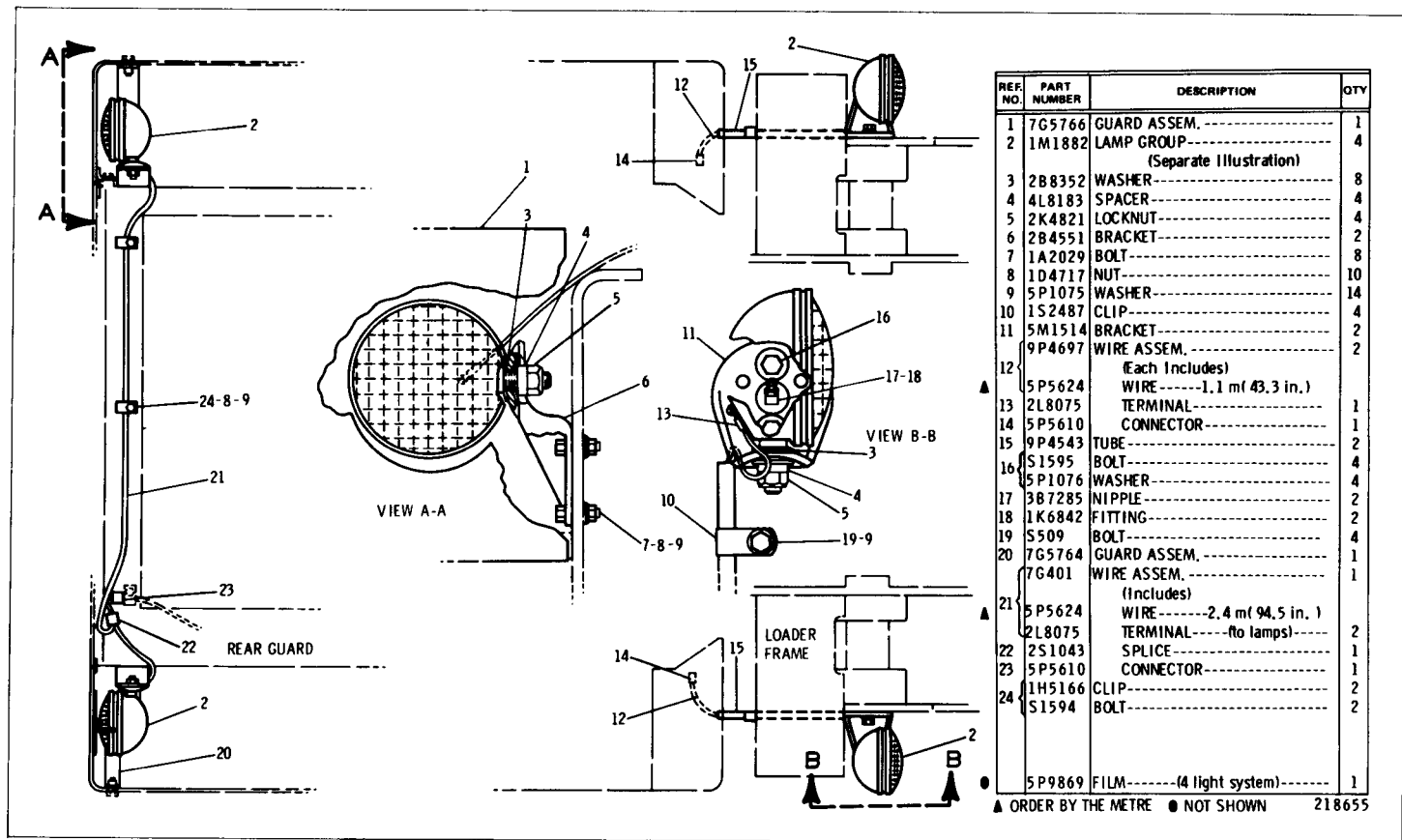


27	S1585	BOLT-----	4
28	S1594	BOLT-----	2
	1D4717	NUT-----	2
29	4B9233	CLIP-----	4
	4V2185	WIRE ASSEM. (Each Includes)	2
30	5P5623	WIRE-----1.47 m(57.87 in.)	
31	4V5092	TUBE-----	1
32	5P5610	CONNECTOR--(to wire assem.)	1
33	5P1475	TERMINAL--(to lamp)	1

C INDICATES CHANGE

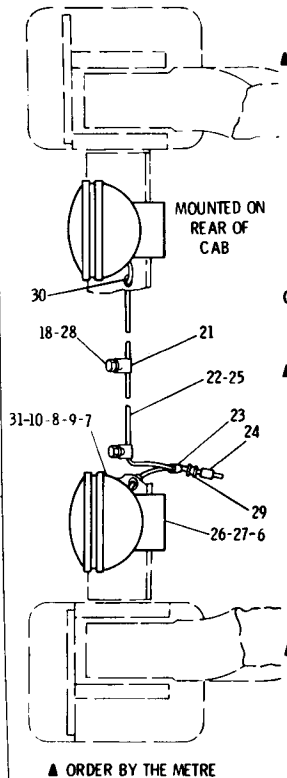
C 34	9K700	GROMMET-----	2
C 35	7G1060	STRAP ASSEM.-----	1
C 36	T102	BOLT-----	2
C 37	5P8524	GROMMET----- (use as required)	1
C 38	5P8247	WASHER-----	6



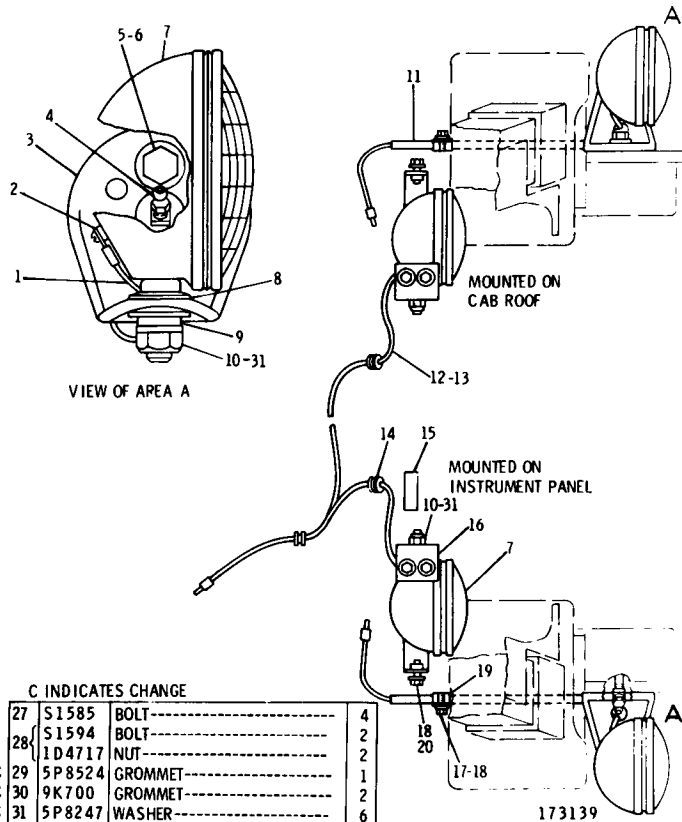


7G517 LIGHTING GROUP—24 Volt, 4 Lamp  
 FOR USE WITHOUT ROPS MOUNTING  
 1M1882 Flood Lamp parts are shown on Page 84  
 AN ATTACHMENT

9P9810 LIGHTING GROUP—24 Volt, 6 Lamp  
 FOR USE WITH ENCLOSED ROPS  
 1M1882 Flood Lamp parts are shown on Page 84  
 AN ATTACHMENT

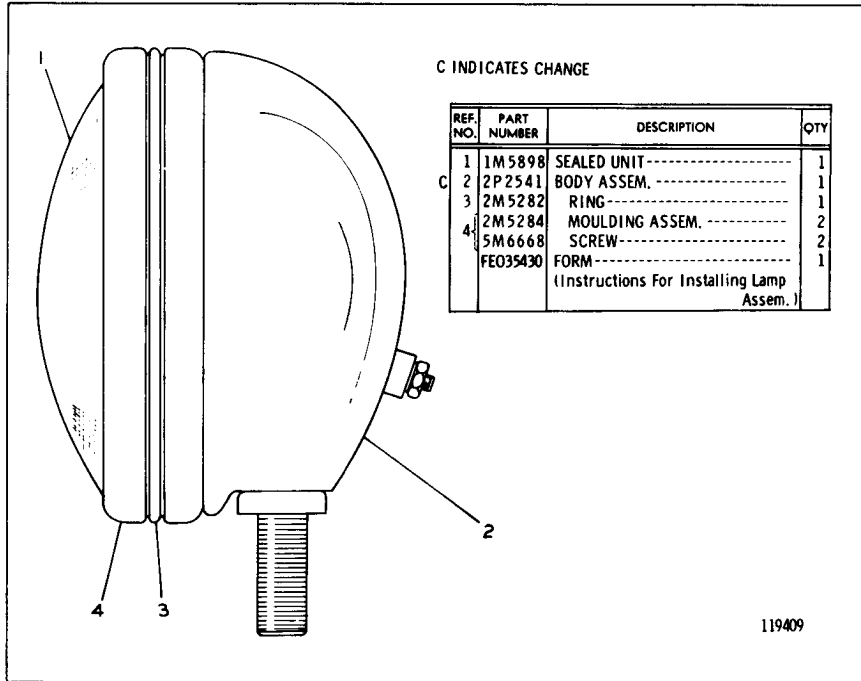


REF NO.	PART NUMBER	DESCRIPTION	QTY
	9P4697	WIRE ASSEM.-----	1
		(Includes)	
15	5P5624	WIRE-----1.10m (43.30 in.)	1
	5P5610	CONNECTOR-----	1
2	2L8075	TERMINAL-----	1
3	5M1514	BRACKET-----	2
4	1K6842	FITTING-----	2
	3B7285	NIPPLE-----	2
5	S1595	BOLT-----	4
6	5P1076	WASHER-----	8
7	1M1882	LAMP GROUP-----	6
		(Separate Illustration)	
8	2B8352	WASHER-----	12
9	4L8183	SPACER-----	6
10	1B4206	NUT-----	6
11	9P4543	TUBE-----	2
	4V3423	WIRE ASSEM.-----	1
		(Includes)	
13	5P5623	WIRE-----1.62 m(63.77 in.)	1
14	5P1475	TERMINAL-----	2
15	4V5091	GROMMET-----	3
16	5P9870	FILM-----	1
	4V3422	BRACKET ASSEM.-----	2
		(Each Includes)	
17	9F2978	NUT-----	3
18	S509	BOLT-----	4
19	5P1075	WASHER-----	12
20	1S2487	CLIP-----	4
21	1A2029	BOLT-----	6
	1H5166	CLIP-----	2
	7G5379	WIRE ASSEM.-----	1
		(Includes)	
22	5P5624	WIRE-----1.60m (62.99 in.)	1
23	2S1043	SPLICE-----	1
24	5P5610	CONNECTOR-----	1
25	2L8075	TERMINAL-----	2
26	9P4942	BRACKET ASSEM.-----	1
		(Includes)	
	1F748	NUT----- (weld)-----	2

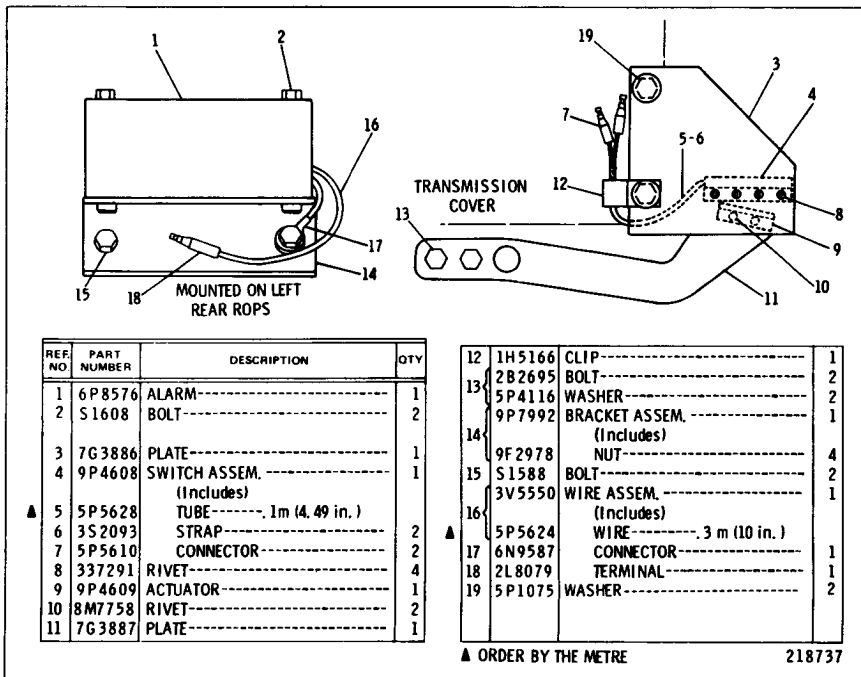


C INDICATES CHANGE

27	S1585	BOLT-----	4
28	S1594	BOLT-----	2
	1D4717	NUT-----	2
C 29	5P8524	GROMMET-----	1
C 30	9K700	GROMMET-----	2
C 31	5P8247	WASHER-----	6

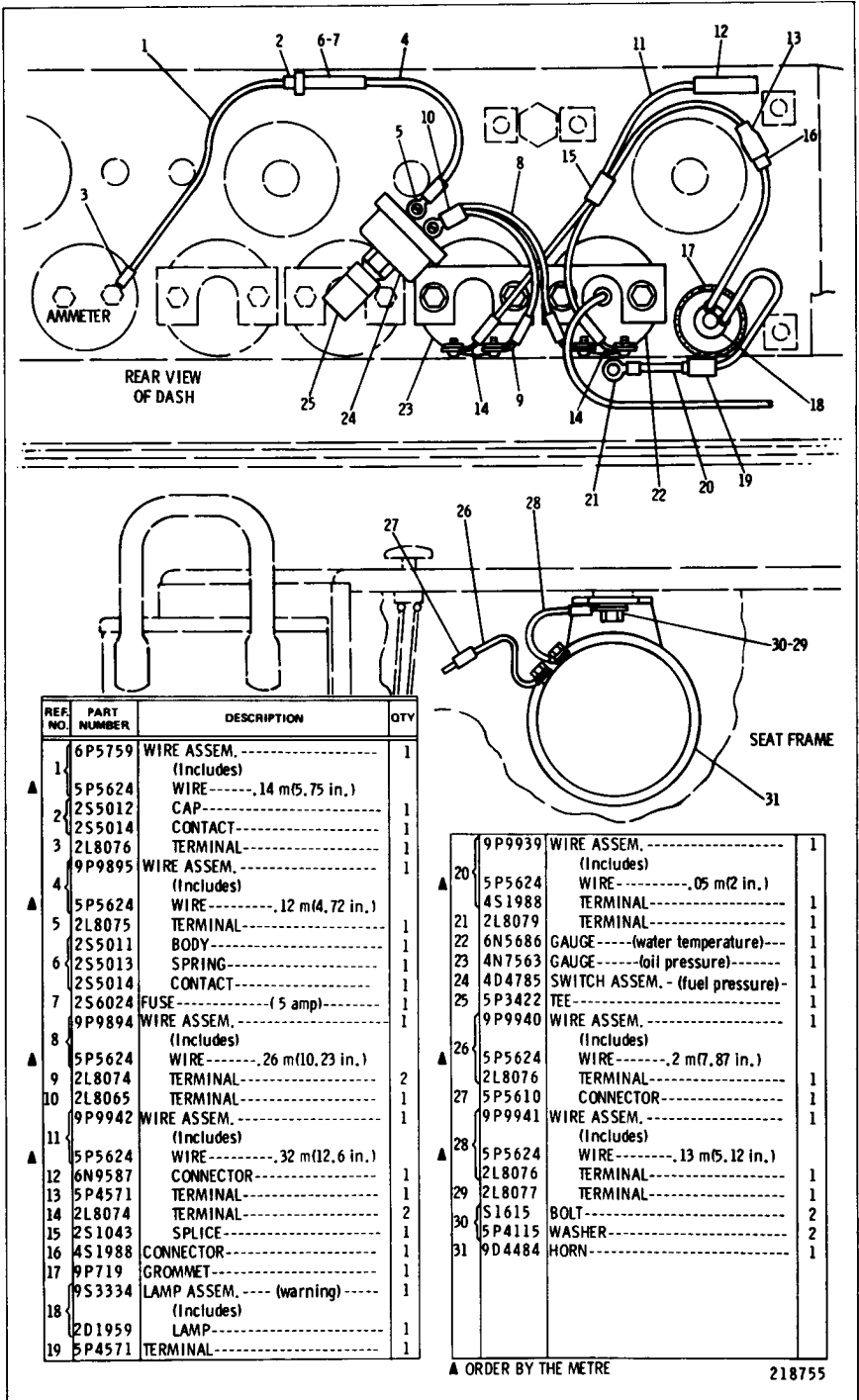


1M1882 FLOOD LAMP ASSEMBLY—24 Volt  
Part of 7G3128, 7G517 and 9P9810 Lighting Groups shown on Pages 81, 82 and 83  
AN ATTACHMENT

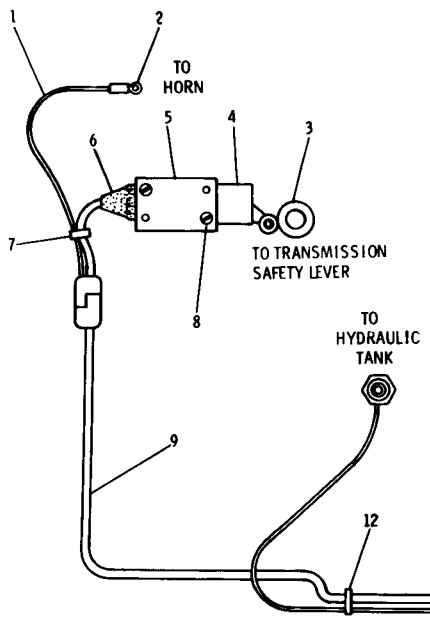


7G3964 BACK-UP WARNING GROUP

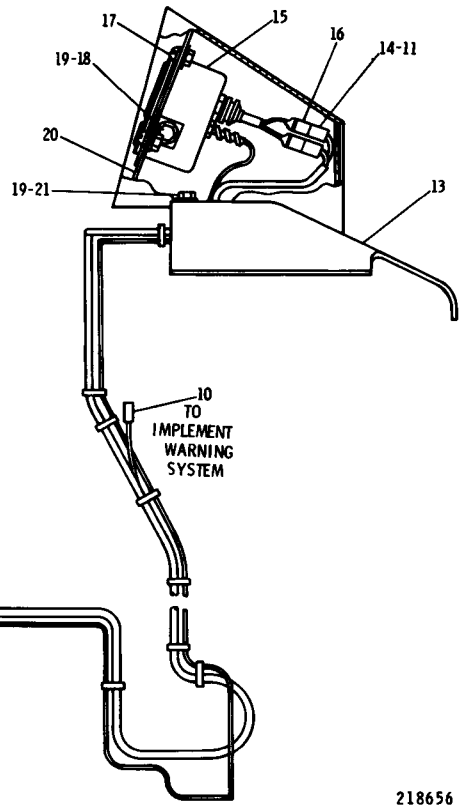




9P9201 ENGINE FUNCTION WARNING GROUP  
Part of 9P3315 Steel Mill Arrangement listed on Page 142  
AN ATTACHMENT



3	7G1915	SPACER-----10 mm(.394 in. thick)	1
4	1S4244	PIN-----	1
4	3P8008	SWITCH ASSEM.----(micro)-----	1
5	7G1916	PLATE-----	1
6	1S2244	BOOT-----	1
6	4F8184	BUSHING-----	1
7	1S9593	STRAP-----	1
8	5H6618	SCREW-----	2
8	4B4274	WASHER-----	2
8	7G1917	HARNES ASSEM.-----	1
9		(Includes)	
9	5P5624	WIRE------(14 gauge)	1
9	5P5629	WIRE------(14 gauge)	1
10	5P5610	CONNECTOR-----	1
10	3M6015	SHELL-----	2
11	3M6017	SLEEVE-----	2
11	3M6018	TERMINAL-----	2
12	3S2093	STRAP-----	14
13	7G2789	SHROUD ASSEM.-----	1
14	4K2341	CONNECTOR-----	2
14	4K2940	GAUGE ASSEM.-----	1
15		(Includes)	
15	4K2065	GAUGE----- (temperature)-----	1
16	3M6015	SHELL-----	4
16	3M6017	SLEEVE-----	4
16	3M6018	TERMINAL-----	4
17	4B1221	SCREW-----	3
17	4B2043	NUT-----	3
17	4B4863	WASHER-----	3



REF. NO.	PART NUMBER	DESCRIPTION	QTY
	7G1918	HARNES ASSEM.-----	1
		(Includes)	
1	5P5624	WIRE------(14 gauge)	
1	5P5629	WIRE------(14 gauge)	
2	2L8075	TERMINAL-----	3

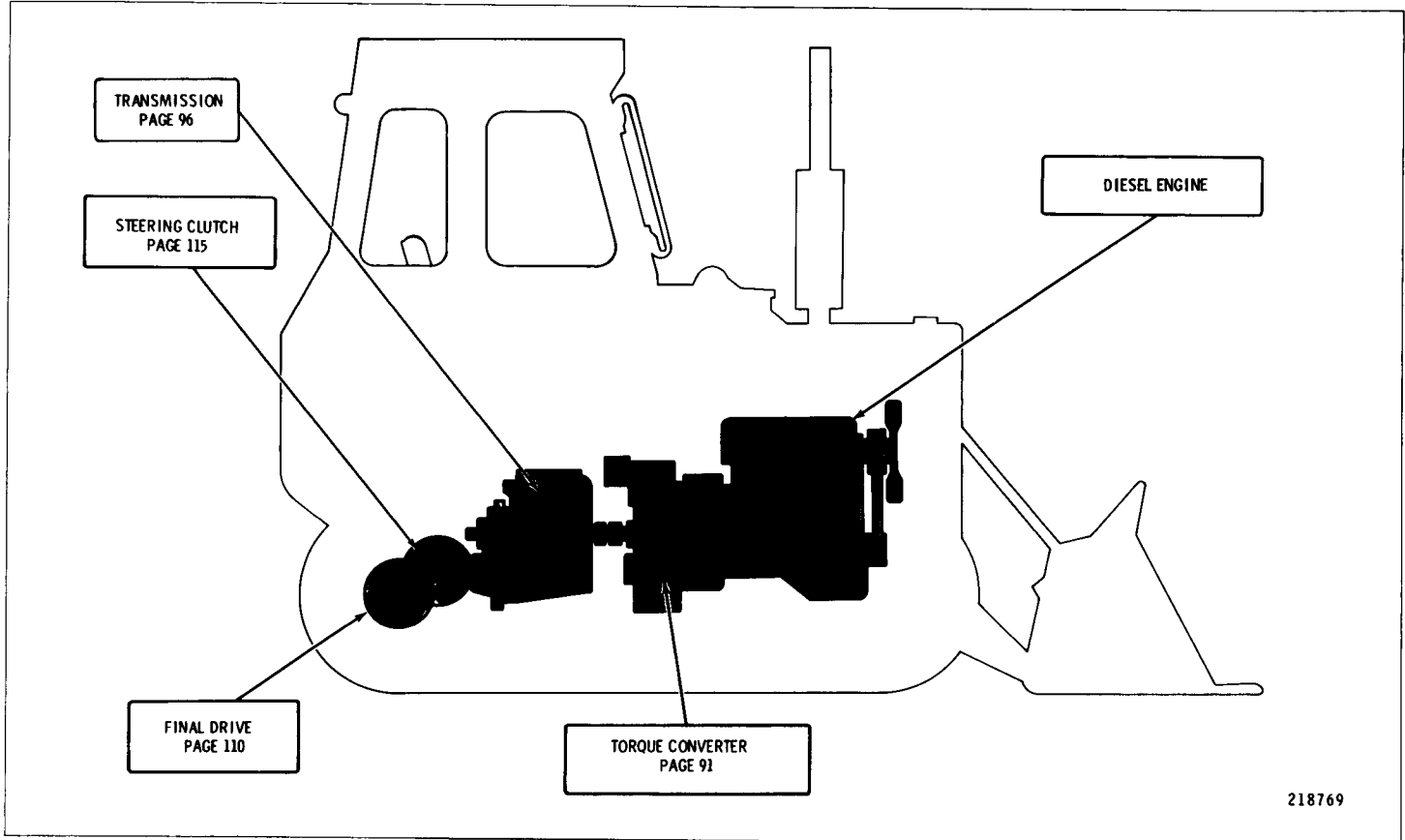
▲ ORDER BY THE METRE

18	T102	BOLT-----	2
19	5P1075	WASHER-----	4
20	7G1822	PLATE ASSEM.-----	1
21	S509	BOLT-----	2

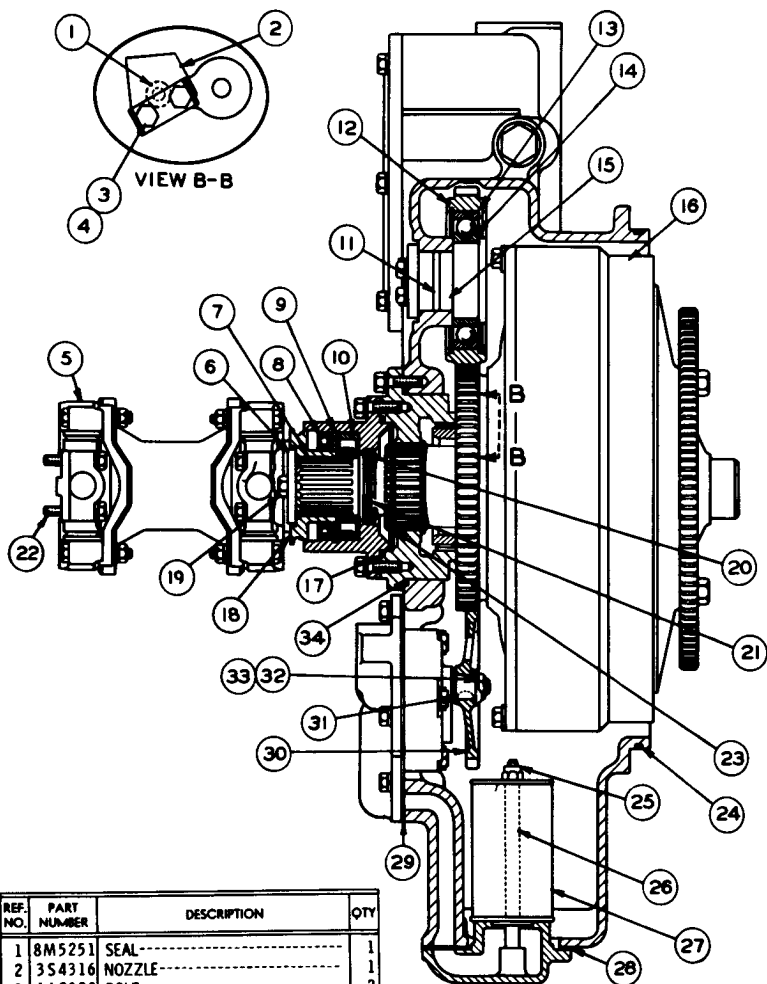
218656

7G2575 OPERATOR WARNING GROUP  
Part of 9P1402 Hydraulic Arrangement listed on Page 170  
AN ATTACHMENT

# POWER TRAIN ARRANGEMENT



218769



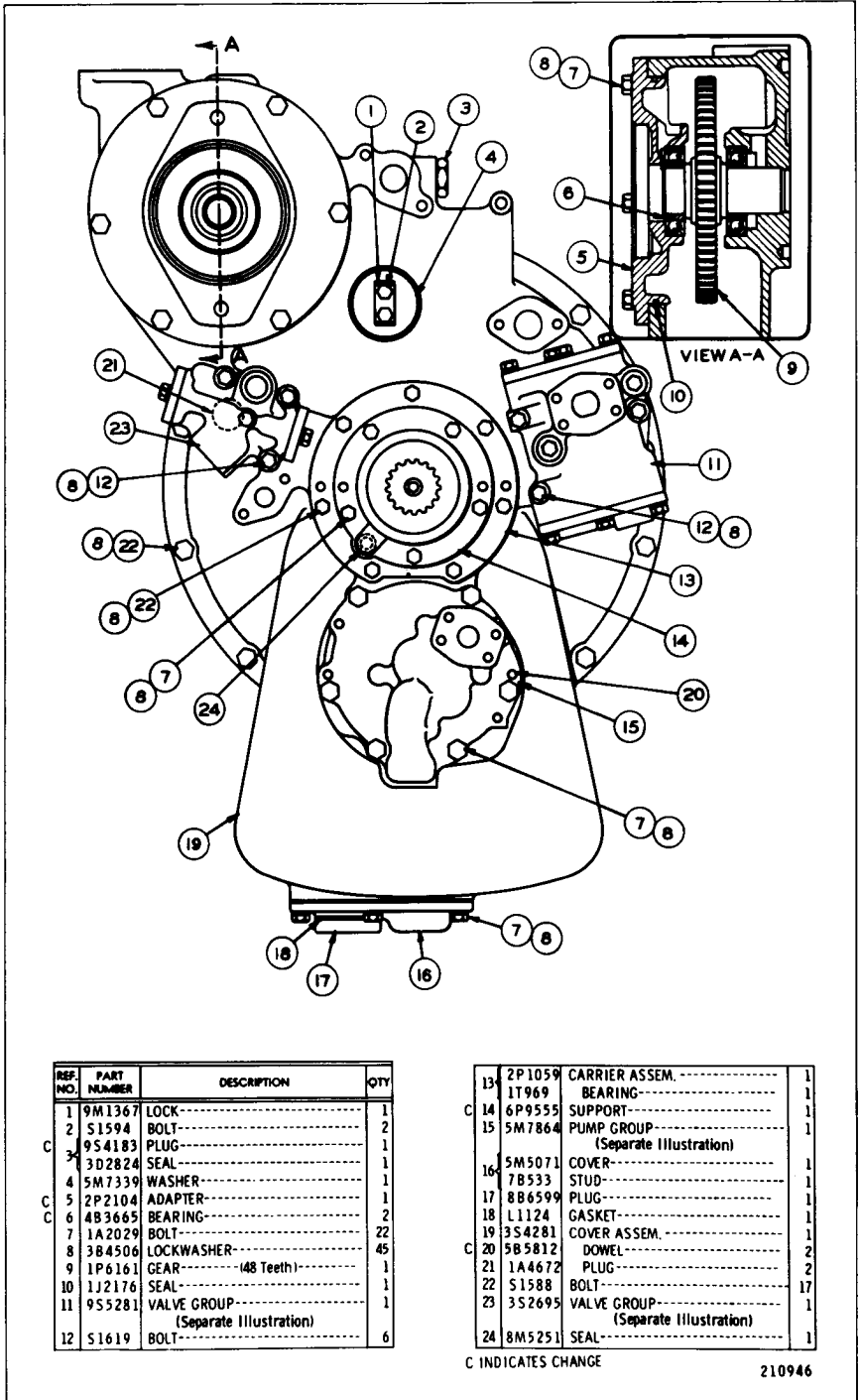
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8M5251	SEAL-----	1
2	3S4316	NOZZLE-----	1
3	1A2029	BOLT-----	2
4	T329	LOCK-----	1
5	4S6317	JOINT ASSEM. (See Separate Illustration)	1
6	3S4388	WASHER-----	1
7	3S2337	SHAFT-----	1
8	1S6543	SEAL-----	1
9	1K6986	RING-----	1
10	5H1901	RACE AND ROLLER ASSEM.	1
11	1H9696	SEAL-----	1
12	8P25	GEAR----- (37 Teeth)	1
13	3K2559	RING-----	2
14	1B4113	BEARING-----	1
15	3S4306	SHAFT-----	1
16	1T1010	CONVERTER GROUP----- (See Separate Illustration)	1
17	4M189	SEAL-----	1
18	8M8628	FLANGE-----	1

19	L139	BOLT-----	1
20	8B5964	RACE-----	1
21	1T208	RING-----	1
22	T627	BOLT-----	8
22	3B4506	LOCKWASHER-----	8
23	1T649	RING-----	1
24	5M6200	SEAL-----	1
25	2F8616	NUT-----	1
26	3H1846	SPACER-----	1
27	4H2978	SCREEN ASSEM.	1
28	5M5064	GASKET-----	1
29	4M5876	GASKET-----	1
30	1P6160	GEAR----- (32 Teeth)	1
31	1B8705	KEY-----	1
32	1B4430	NUT-----	1
33	3H449	LOCK-----	1
34	8F8733	SEAL-----	1

C INDICATES CHANGE

210945

3S2700 TORQUE CONVERTER GROUP—Part 1—As Viewed from R.H. Side of Machine  
4S6317 Universal Joint and 1T1010 Torque Converter parts are shown on  
Pages 90 and 91



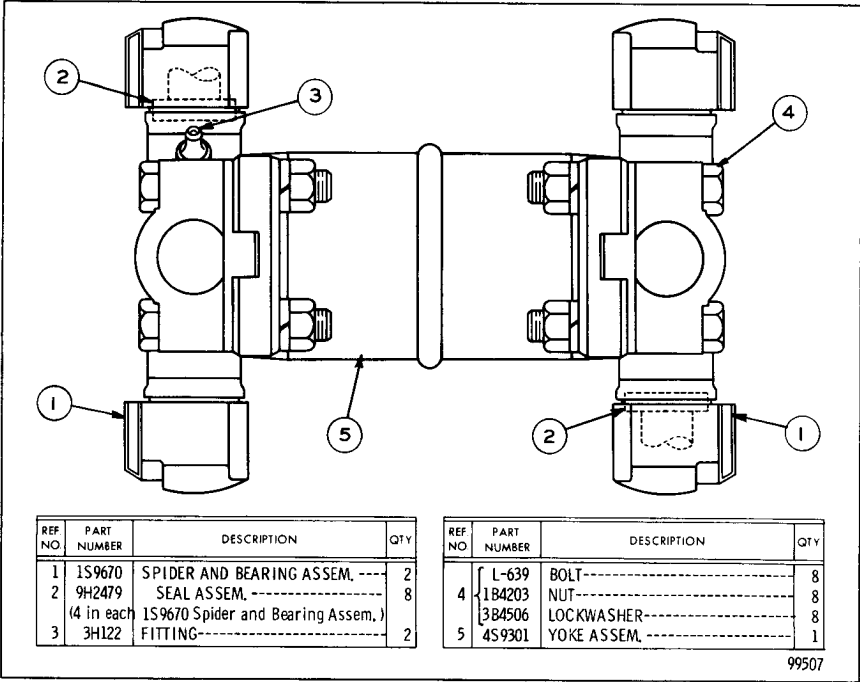
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	9M1367	LOCK	1
2	S1594	BOLT	2
3	9S4183	PLUG	1
4	3D2824	SEAL	1
5	5M7339	WASHER	1
5	2P2104	ADAPTER	1
6	4B3665	BEARING	2
7	1A2029	BOLT	22
8	3B4506	LOCKWASHER	45
9	1P6161	GEAR (48 Teeth)	1
10	1J2176	SEAL	1
11	9S5281	VALVE GROUP (Separate Illustration)	1
12	S1619	BOLT	6

13	2P1059	CARRIER ASSEM.	1
14	1T969	BEARING	1
14	6P9555	SUPPORT	1
15	5M7864	PUMP GROUP (Separate Illustration)	1
16	5M5071	COVER	1
17	7B533	STUD	1
17	8B6599	PLUG	1
18	L1124	GASKET	1
19	3S4281	COVER ASSEM.	1
20	5B5812	DOWEL	2
21	1A4672	PLUG	2
22	S1588	BOLT	17
23	3S2695	VALVE GROUP (Separate Illustration)	1
24	8M5251	SEAL	1

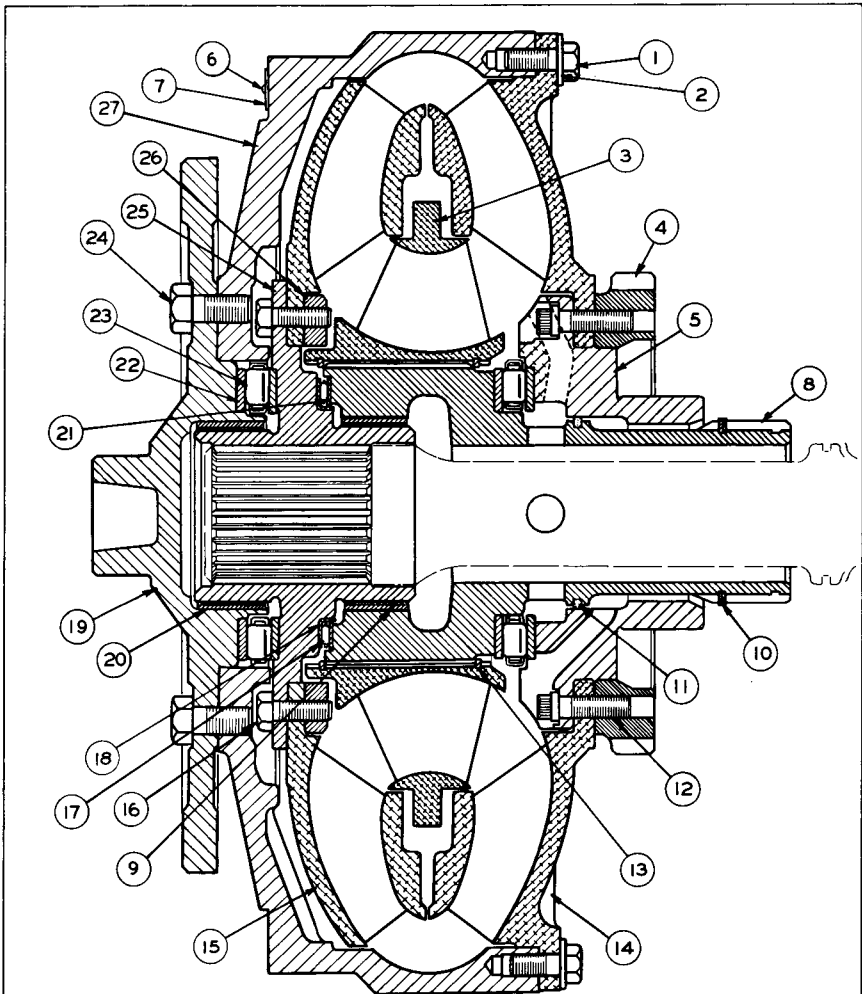
C INDICATES CHANGE

210946

3S2700 TORQUE CONVERTER GROUP—Part 2—As Viewed from Rear of Machine  
9S5281, 3S2695 Valves and 5M7864 Pump parts are shown on Pages 92 and 93



**4S6317 UNIVERSAL JOINT ASSEMBLY**  
 Part of 3S2700 Torque Converter Group shown on Page 88



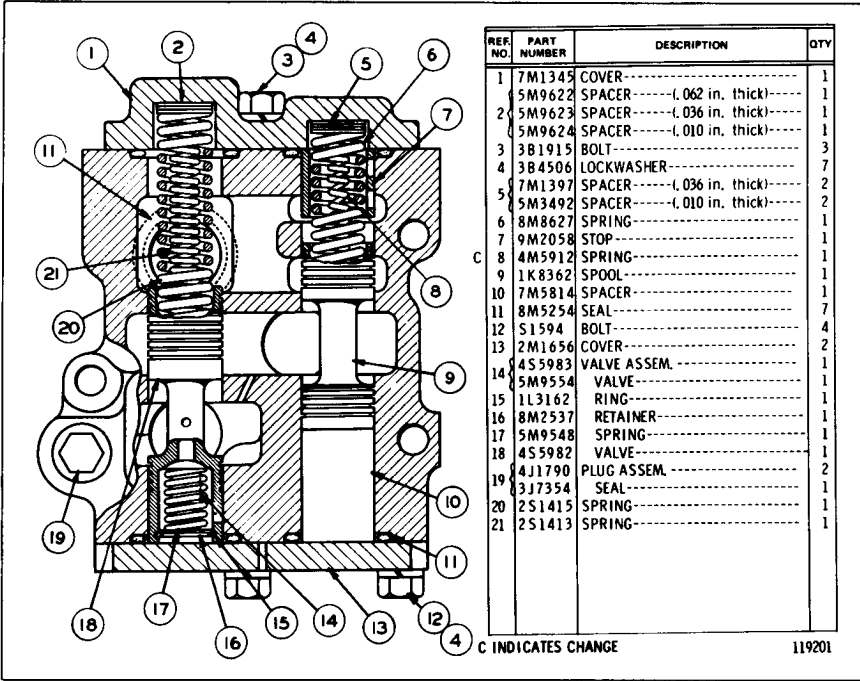
REF NO	PART NUMBER	DESCRIPTION	QTY.
1	S1594	BOLT-----	36
2	1T689	WASHER-----	36
3	1T708	STATOR-----	1
4	1T989	GEAR----- (47 Teeth)	1
5	1T987	HUB-----	1
6	4B4158	SCREW-----	2
7	1T688	PLATE-----	1
8	1T711	CARRIER ASSEM.	1
9	1T766	BEARING-----	1
10	1T649	RING-----	1
11	1T648	SEAL-----	1
12	1T720	BOLT-----	12
13	1T651	RING-----	2
14	1T709	IMPELLER-----	1
15	1T662	TURBINE-----	1

16	6F7030	BOLT-----	20
17	1T1078	BEARING-----	1
18	1T762	RACE-----	1
19	1T716	SPIDER ASSEM.	1
20	1T766	BEARING-----	1
21	1T763	RACE-----	1
22	1T686	RACE-----	4
23	1T655	BEARING-----	2
24	S1621	BOLT-----	12
25	1T1089	HUB-----	1
26	1T665	RING-----	1
27	1T669	HOUSING-----	1

C INDICATES CHANGE

228459

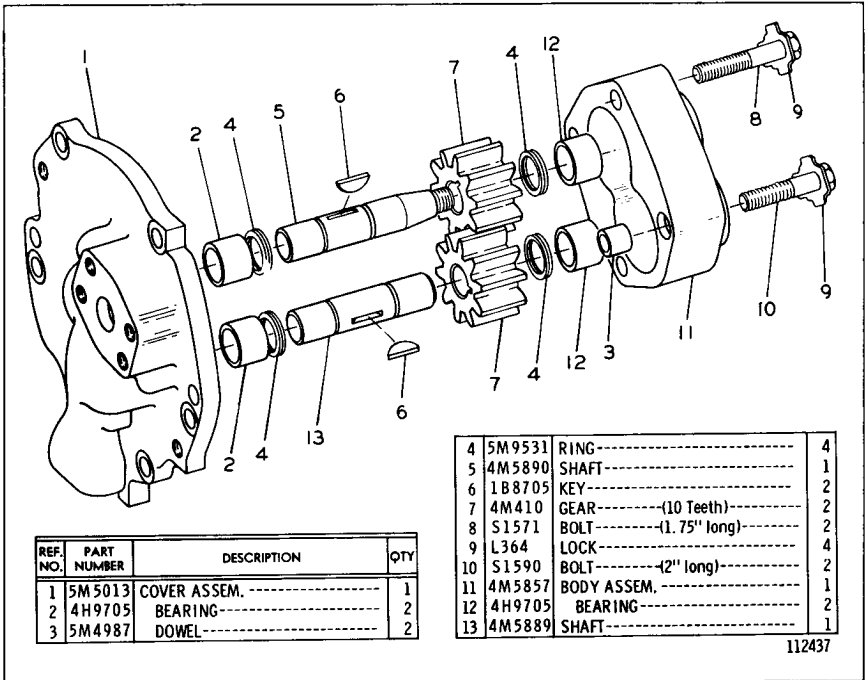
1T1010 TORQUE CONVERTER GROUP  
Part of 3S2700 Torque Converter Group shown on Page 88



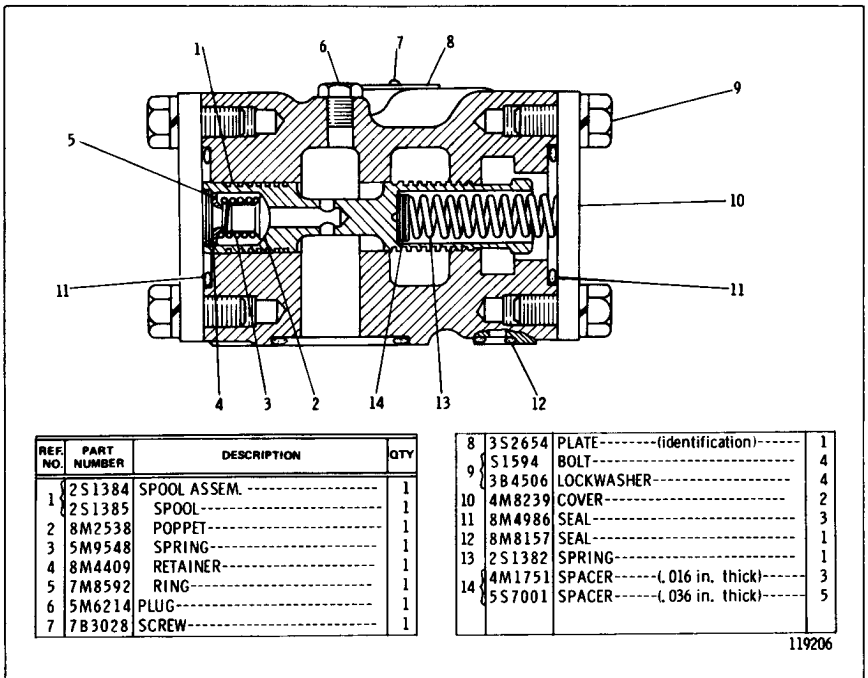
## 9S5281 RELIEF VALVE GROUP

Part of 3S2700 Torque Converter Group shown on Page 89

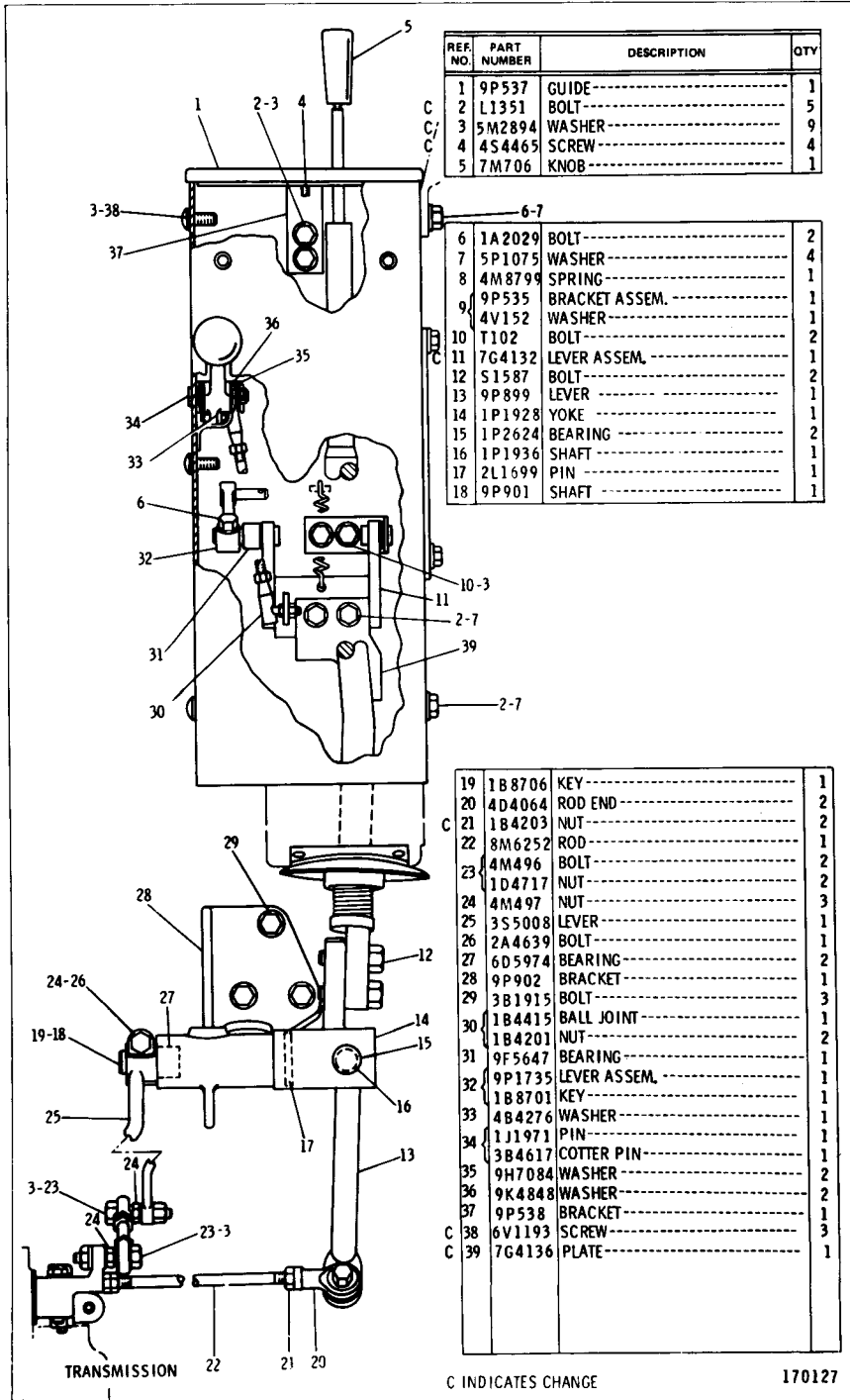




**5M7864 SCAVENGE PUMP GROUP**  
Part of 3S2700 Torque Converter Group shown on Page 89



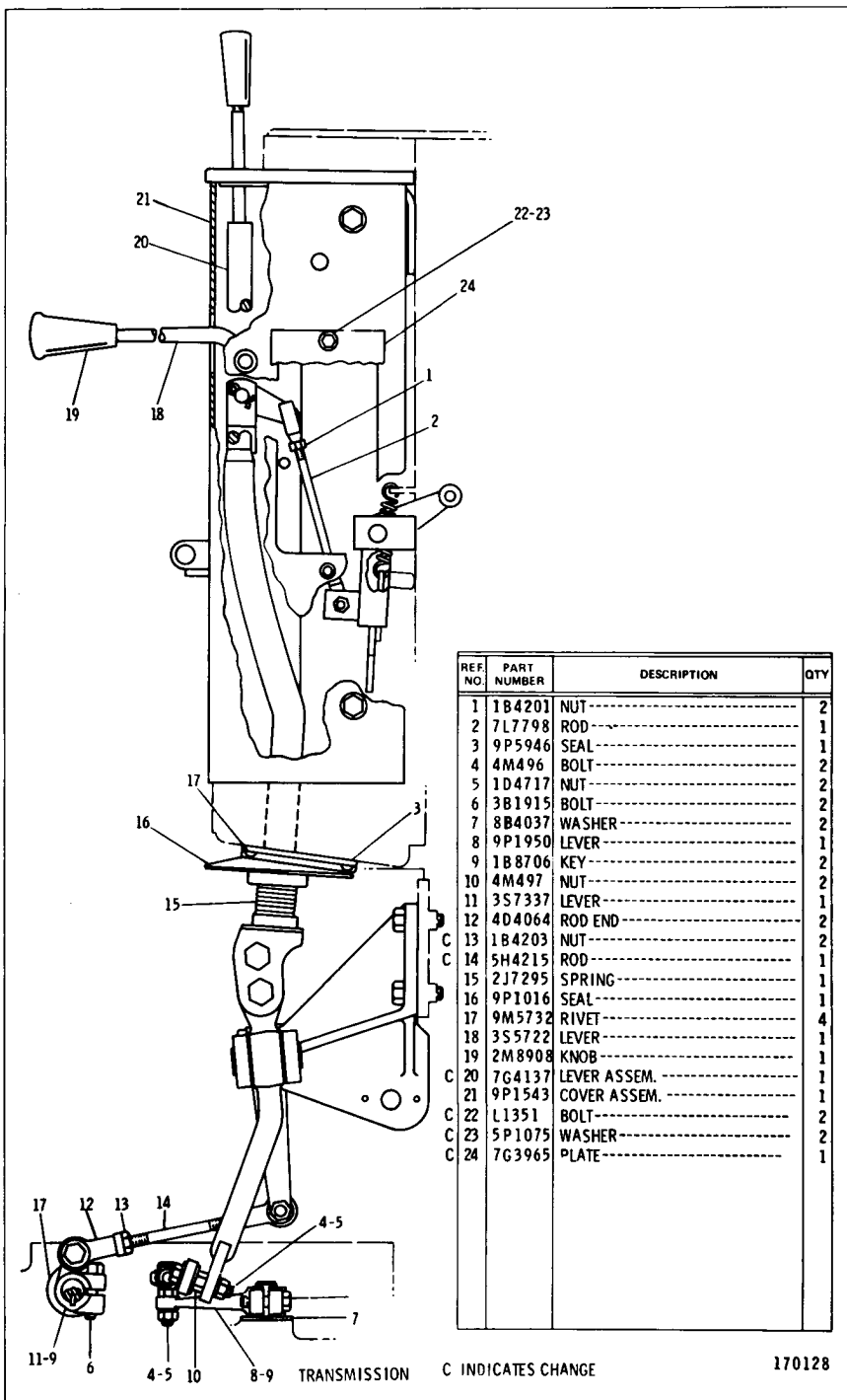
**3S2695 RELIEF VALVE GROUP**  
Part of 3S2700 Torque Converter Group shown on Page 89



C INDICATES CHANGE

170127

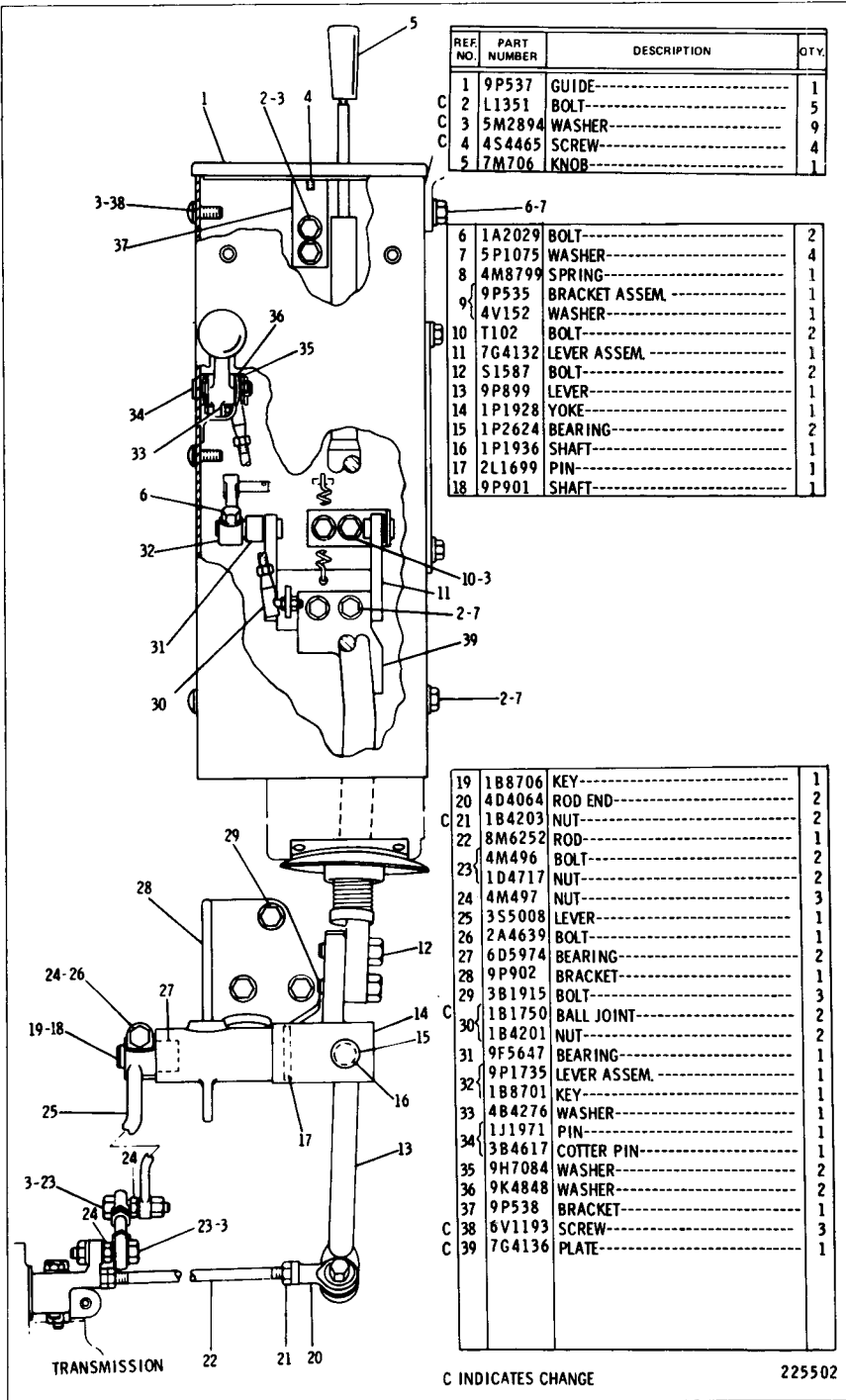
BP7764 TRANSMISSION CONTROL GROUP—Part 1  
Serial No. 14X1 to 14X1248 inclusive



170128

8P7764 TRANSMISSION CONTROL GROUP—Part 2  
Serial No. 14X1 to 14X1248 inclusive

CATERPILLAR 977L TRACK LOADER



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	9P537	GUIDE-----	1
2	L1351	BOLT-----	5
3	5M2894	WASHER-----	9
4	4S4465	SCREW-----	4
5	7M706	KNOB-----	1

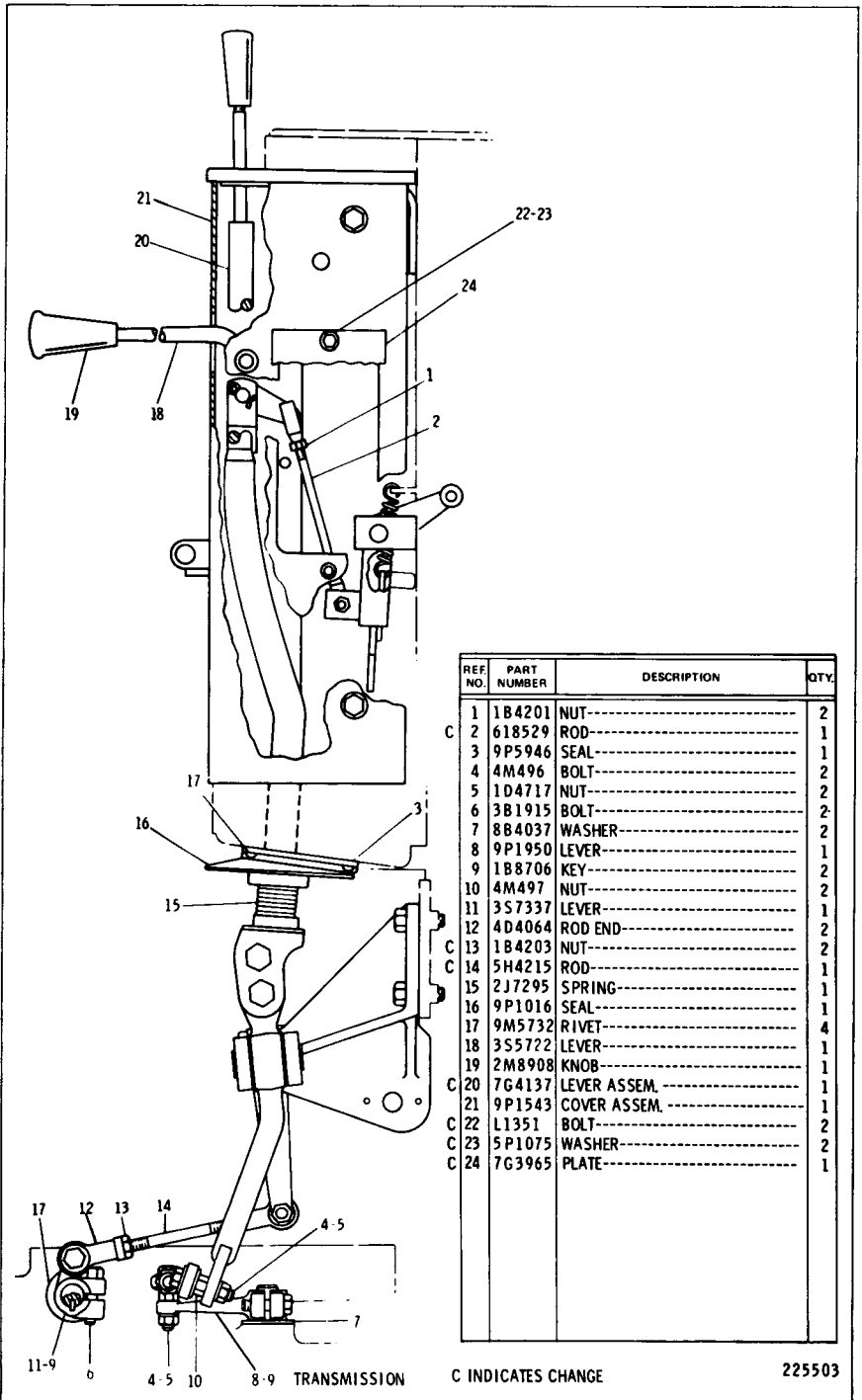
6	1A2029	BOLT-----	2
7	5P1075	WASHER-----	4
8	4M8799	SPRING-----	1
9	9P535	BRACKET ASSEM.-----	1
	4V152	WASHER-----	1
10	T102	BOLT-----	2
11	7G4132	LEVER ASSEM.-----	1
12	S1587	BOLT-----	2
13	9P899	LEVER-----	1
14	1P1928	YOKE-----	1
15	1P2624	BEARING-----	2
16	1P1936	SHAFT-----	1
17	2L1699	PIN-----	1
18	9P901	SHAFT-----	1

19	1B8706	KEY-----	1
20	4D4064	ROD END-----	2
21	1B4203	NUT-----	2
22	8M6252	ROD-----	1
	4M496	BOLT-----	2
23	1D4717	NUT-----	2
24	4M497	NUT-----	3
25	3S5008	LEVER-----	1
26	2A4639	BOLT-----	1
27	6D5974	BEARING-----	2
28	9P902	BRACKET-----	1
29	3B1915	BOLT-----	3
30	1B1750	BALL JOINT-----	2
	1B4201	NUT-----	2
31	9F5647	BEARING-----	1
32	9P1735	LEVER ASSEM.-----	1
	1B8701	KEY-----	1
33	4B4276	WASHER-----	1
	1J1971	PIN-----	1
34	3B4617	COTTER PIN-----	1
35	9H7084	WASHER-----	2
36	9K4848	WASHER-----	2
37	9P538	BRACKET-----	1
C 38	6V1193	SCREW-----	3
C 39	7G4136	PLATE-----	1

C INDICATES CHANGE

225502

8P7764 TRANSMISSION CONTROL GROUP—Part 1  
Serial No. 14X1249 to 14X1363 inclusive

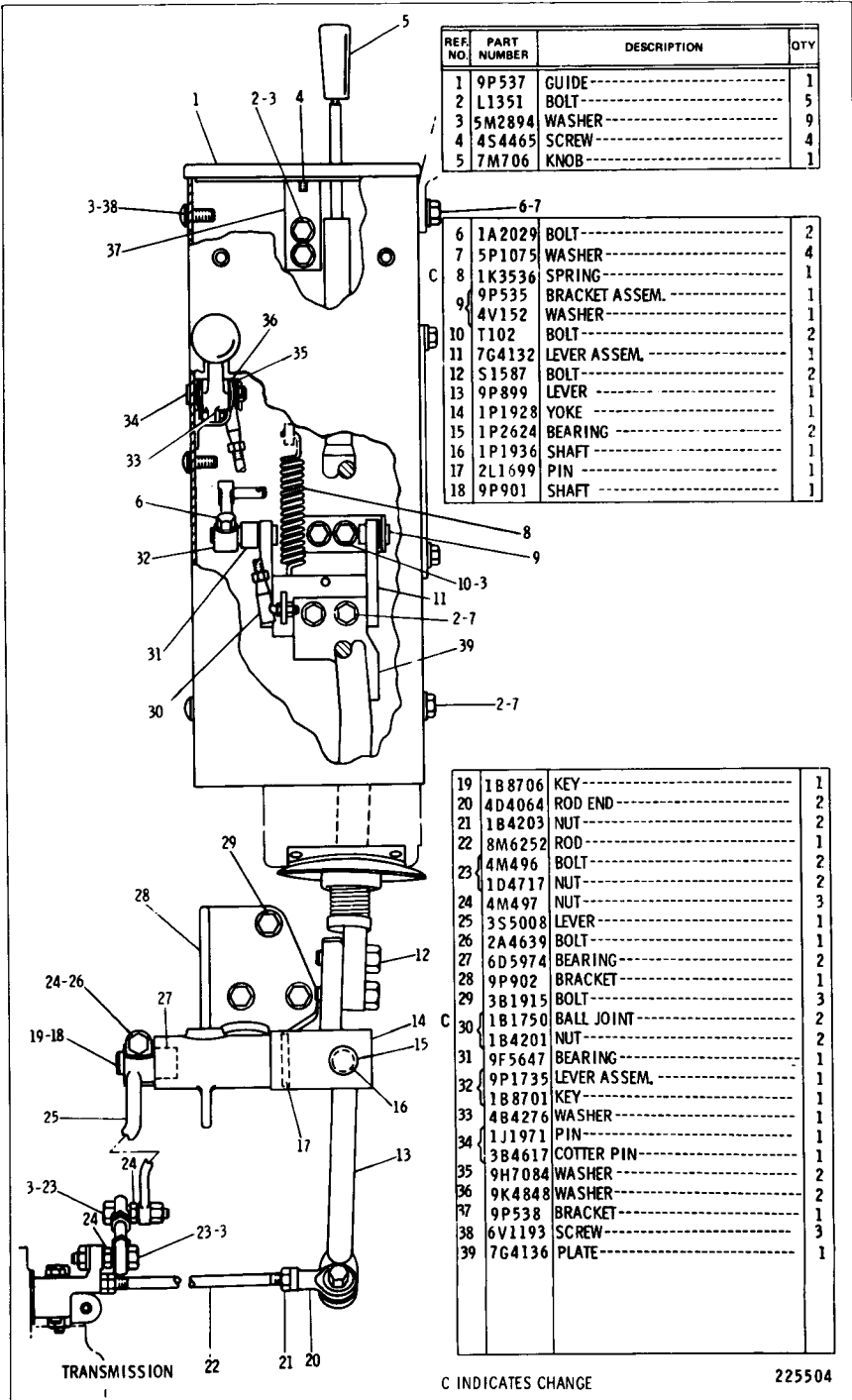


C INDICATES CHANGE

225503

8P7764 TRANSMISSION CONTROL GROUP—Part 2  
 Serial No. 14X1249 to 14X1363 inclusive

CATERPILLAR 977L TRACK LOADER



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	9P537	GUIDE-----	1
2	L1351	BOLT-----	5
3	5M2894	WASHER-----	9
4	4S4465	SCREW-----	4
5	7M706	KNOB-----	1

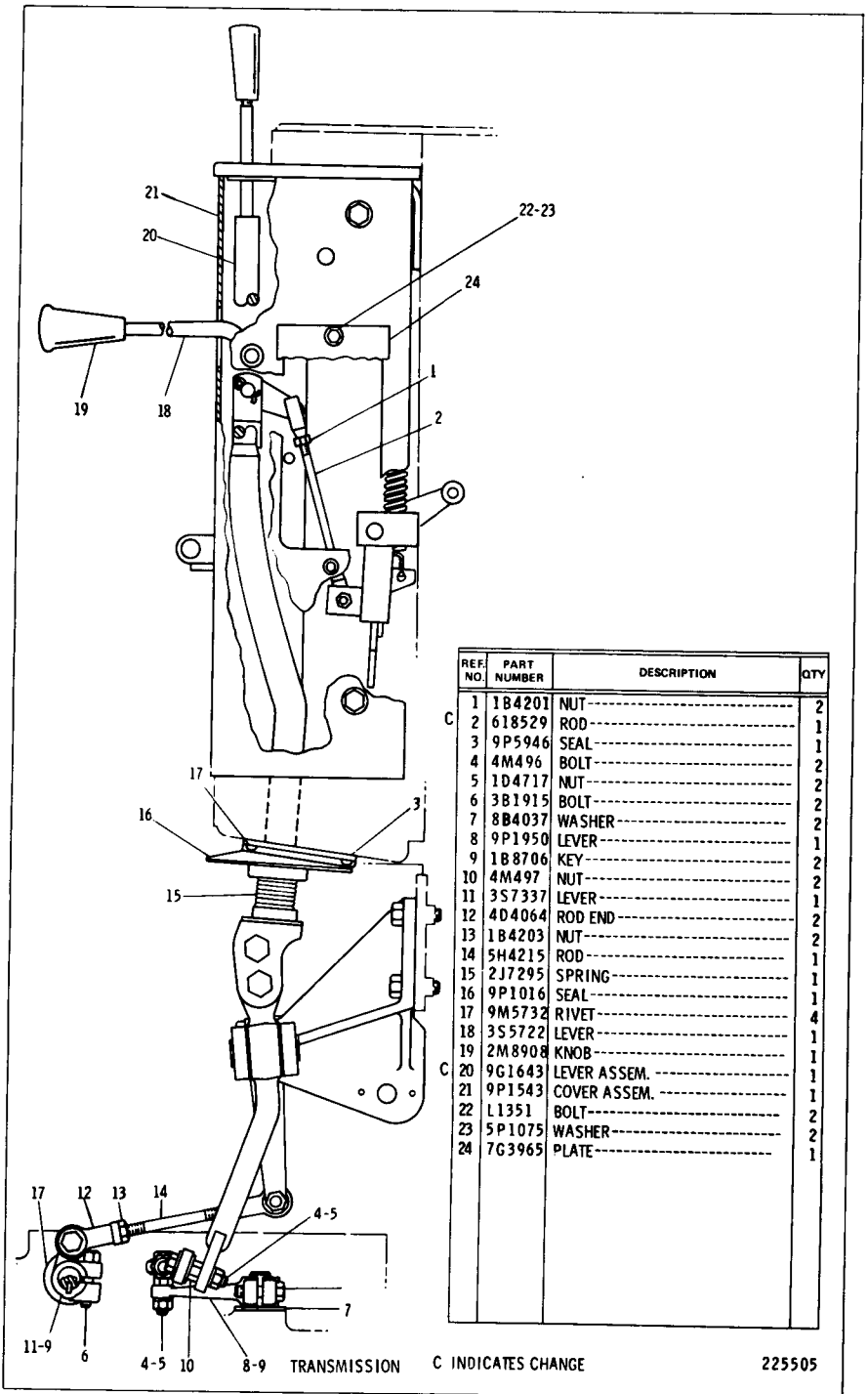
6	1A2029	BOLT-----	2
7	5P1075	WASHER-----	4
8	1K3536	SPRING-----	1
9	9P535	BRACKET ASSEM.-----	1
	4V152	WASHER-----	1
10	T102	BOLT-----	2
11	7G4132	LEVER ASSEM.-----	1
12	S1587	BOLT-----	2
13	9P899	LEVER-----	1
14	1P1928	YOKES-----	1
15	1P2624	BEARING-----	2
16	1P1936	SHAFT-----	1
17	2L1699	PIN-----	1
18	9P901	SHAFT-----	1

19	1B8706	KEY-----	1
20	4D4064	ROD END-----	2
21	1B4203	NUT-----	2
22	8M6252	ROD-----	1
23	4M496	BOLT-----	2
	1D4717	NUT-----	2
24	4M497	NUT-----	3
25	3S5008	LEVER-----	1
26	2A4639	BOLT-----	1
27	6D5974	BEARING-----	2
28	9P902	BRACKET-----	1
29	3B1915	BOLT-----	3
C	1B1750	BALL JOINT-----	2
30	1B4201	NUT-----	2
31	9F5647	BEARING-----	1
32	9P1735	LEVER ASSEM.-----	1
33	1B8701	KEY-----	1
34	4B4276	WASHER-----	1
	1J1971	PIN-----	1
	3B4617	COTTER PIN-----	1
35	9H7084	WASHER-----	2
36	9K4848	WASHER-----	2
37	9P538	BRACKET-----	1
38	6V1193	SCREW-----	3
39	7G4136	PLATE-----	1

C INDICATES CHANGE

225504

8P7764 TRANSMISSION CONTROL GROUP—Part 1  
Serial No. 14X1364—Up

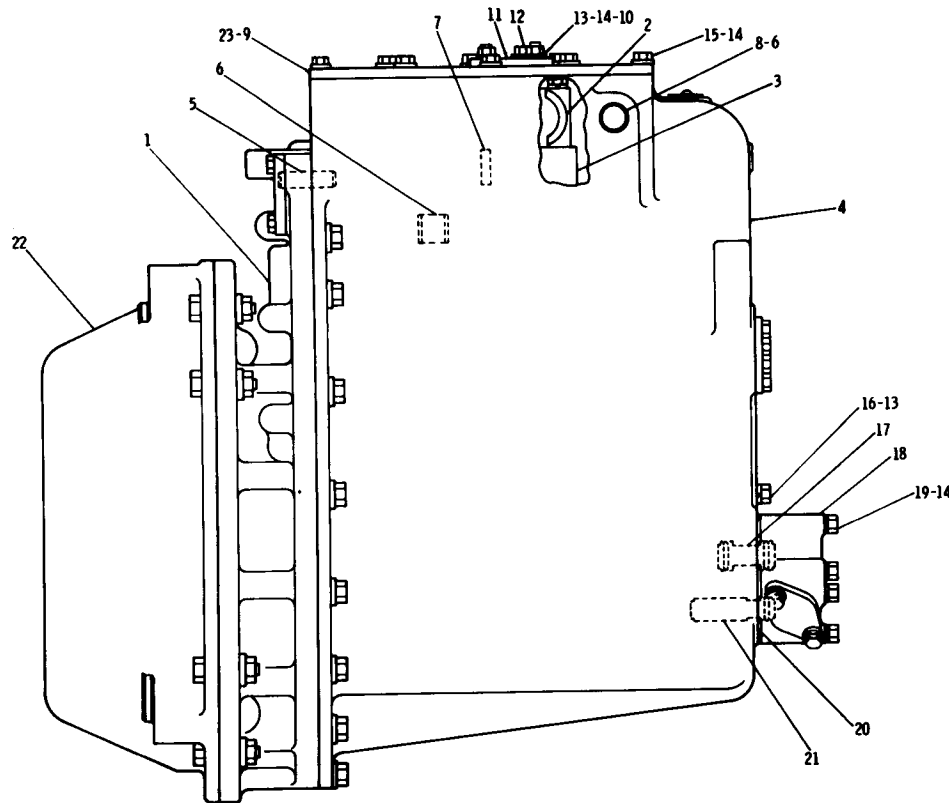


REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	1B4201	NUT-----	2
2	618529	ROD-----	1
3	9P5946	SEAL-----	1
4	4M496	BOLT-----	2
5	1D4717	NUT-----	2
6	3B1915	BOLT-----	2
7	8B4037	WASHER-----	2
8	9P1950	LEVER-----	1
9	1B8706	KEY-----	2
10	4M497	NUT-----	2
11	3S7337	LEVER-----	1
12	4D4064	ROD END-----	2
13	1B4203	NUT-----	2
14	5H4215	ROD-----	1
15	2J7295	SPRING-----	1
16	9P1016	SEAL-----	1
17	9M5732	RIVET-----	4
18	3S5722	LEVER-----	1
19	2M8908	KNOB-----	1
C 20	9G1643	LEVER ASSEM.	1
21	9P1543	COVER ASSEM.	1
22	L1351	BOLT-----	2
23	5P1075	WASHER-----	2
24	7G3965	PLATE-----	1

C INDICATES CHANGE

225505

8P7764 TRANSMISSION CONTROL GROUP—Part 2  
Serial No. 14X1364—Up



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	3S6922	GEAR GROUP-----	1
2	8M6350	CONTROL GROUP-----	1
3	7G4244	PLANETARY GROUP----- (Separate Illustration)	1
4	1P4459	CASE ASSEM.----- (Includes)	1
5	5M1932	STUD-----	3
6	4H8175	BEARING-----	4
7	1M3833	DOWEL-----	2
8	3B623	PLUG-----	1
9	9M2053	COVER ASSEM.----- (Includes)	1
	2S6548	FITTING-----	1
10	7M7794	STUD-----	4
11	5M9653	COVER-----	1
	5M9654	GASKET-----	1
	9S4191	PLUG-----	1
12	3J1907	SEAL-----	1
13	1D4717	NUT-----	4
14	3B4506	LOCKWASHER-----	28
15	S1594	BOLT-----	14
16	3B1915	BOLT-----	6
17	2S486	SLEEVE-----	1
	8M4437	SEAL-----	2
18	7G4491	VALVE GROUP----- (Separate Illustration)	1
19	S1619	BOLT-----	4
20	8M8621	GASKET-----	1
	2S4957	SLEEVE-----	1
21	8M4437	SEAL-----	1
22	2S6450	COVER GROUP----- (For Shipping and Storage-Includes Covers, Gaskets, and Hardware)	1
23	9M2051	GASKET-----	1

218738

## 7G4247 TRANSMISSION ARRANGEMENT

IF TRANSMISSION IS SERIALIZED USE TRANSMISSION SERIAL NO. OTHERWISE USE VEHICLE SERIAL NO.  
 Serial No. 14X1 to 14X1812 inclusive. Transmission Serial No. 2KA1—Up. 8M6350 Control, 7G4244 Planetary, 3S6922 Gear  
 and 7G4491 Valve parts are shown on Pages 97 through 102

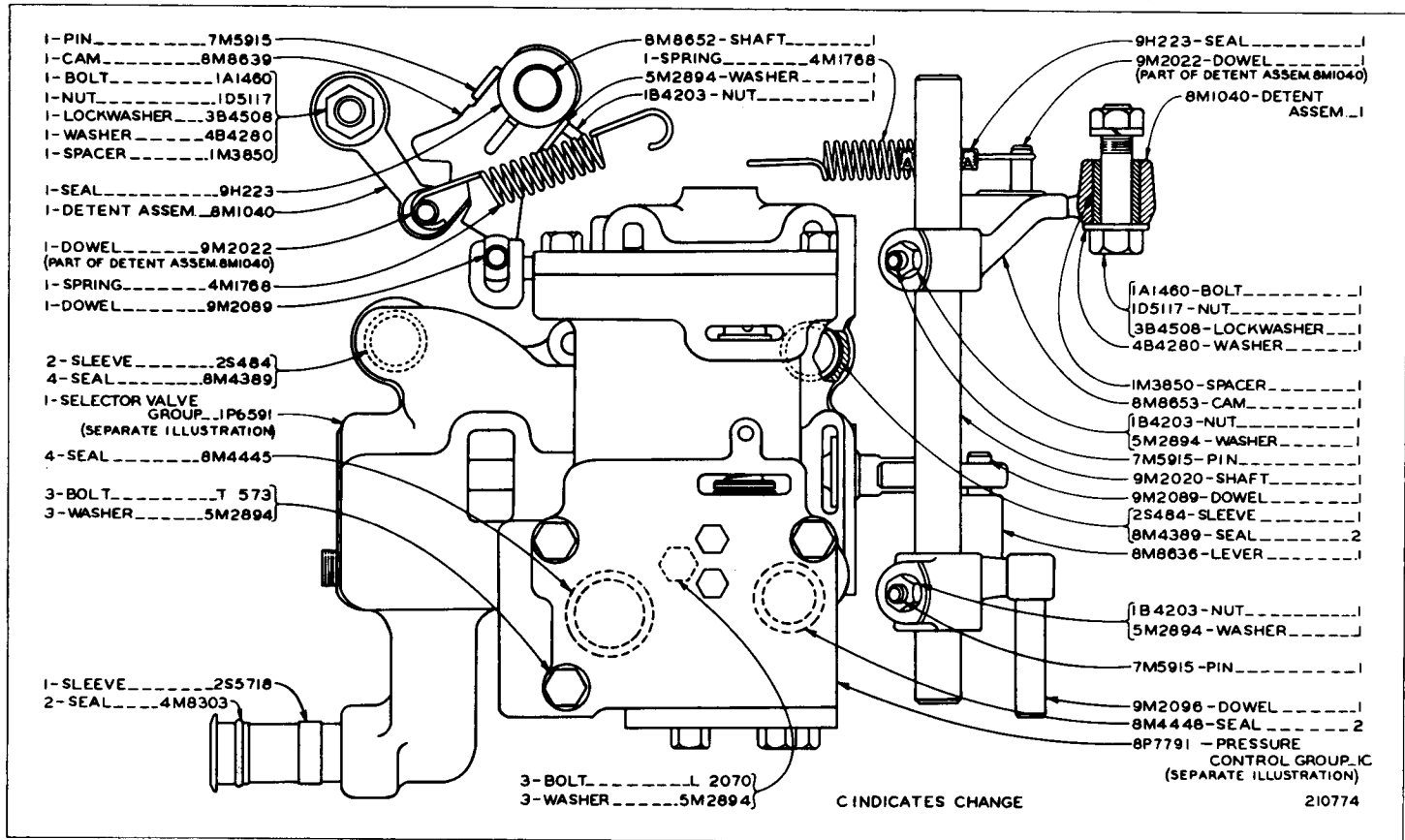


### 8M6350 TRANSMISSION HYDRAULIC CONTROL GROUP

IF TRANSMISSION IS SERIALIZED USE TRANSMISSION SERIAL NO. OTHERWISE USE VEHICLE SERIAL NO.

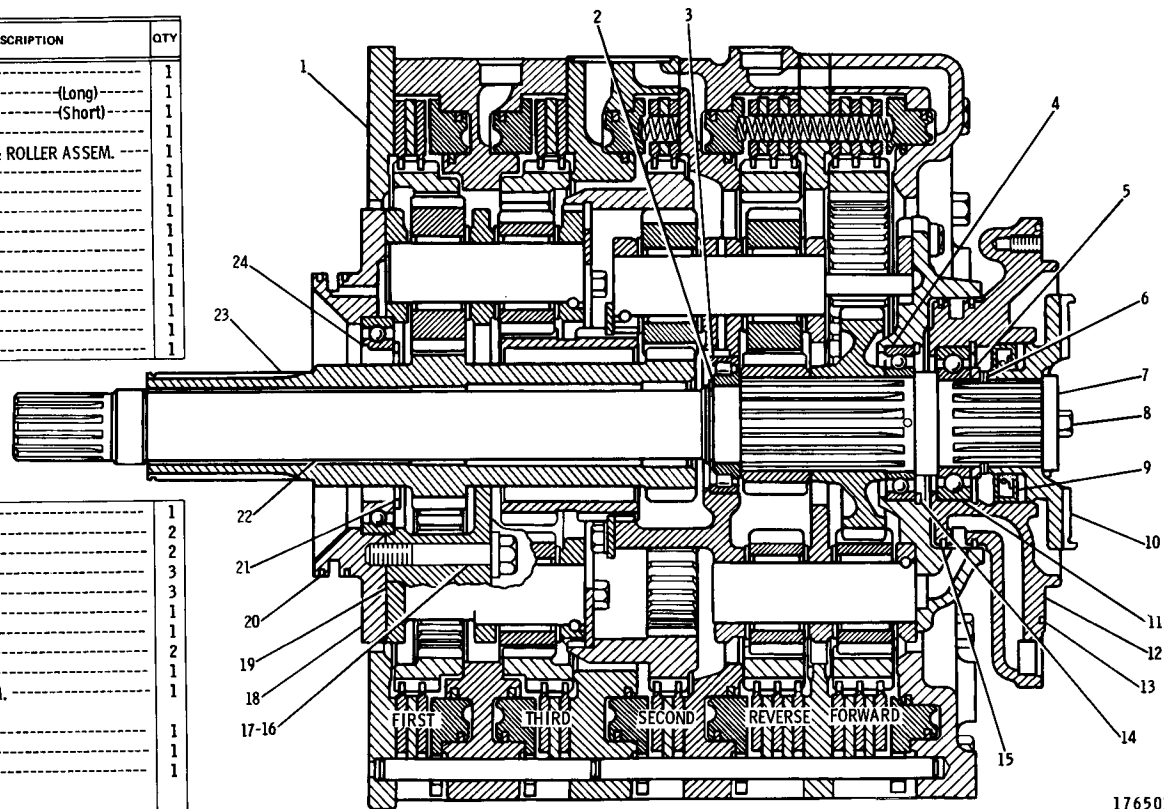
Serial No. 14X1 to 14X1812 inclusive. Transmission Serial No. 2KA1—Up. Part of 7G4247 Transmission

Arrangement shown on Page 96. 1P6591 Selector Valve and 8P7791 Pressure Control parts are shown on Pages 102 and 103



REF. NO.	PART NUMBER	DESCRIPTION	QTY
	8M8645	PLATE-----	1
1	7M8479	DOWEL----- (Long)	1
	7M8480	DOWEL----- (Short)	1
2	2M3974	RING-----	1
3	5M7936	OUTER RACE & ROLLER ASSEM.-----	1
	5M7934	INNER RACE-----	1
4	9M1997	BEARING-----	1
5	3P5078	SPACER-----	1
6	3S6931	RING-----	1
7	3S4388	WASHER-----	1
8	L139	BOLT-----	1
9	1S6543	SEAL-----	1
10	8M8628	FLANGE-----	1
11	1T43	BEARING-----	1
12	8M8619	CAGE-----	1

13	8F6230	SEAL-----	1
14	1K6986	RING-----	2
15	1M498	RING-----	2
16	5P8091	BOLT-----	3
17	2M849	WASHER-----	3
18	9M1502	CAGE-----	1
19	8M8677	CARRIER-----	2
20	9M1503	RING-----	1
21	1M8652	RING-----	1
	8P6803	SHAFT ASSEM.-----	1
22		(Includes)	
	9M2001	DOWEL-----	1
23	5M7923	SHAFT-----	1
24	9M2004	BEARING-----	1

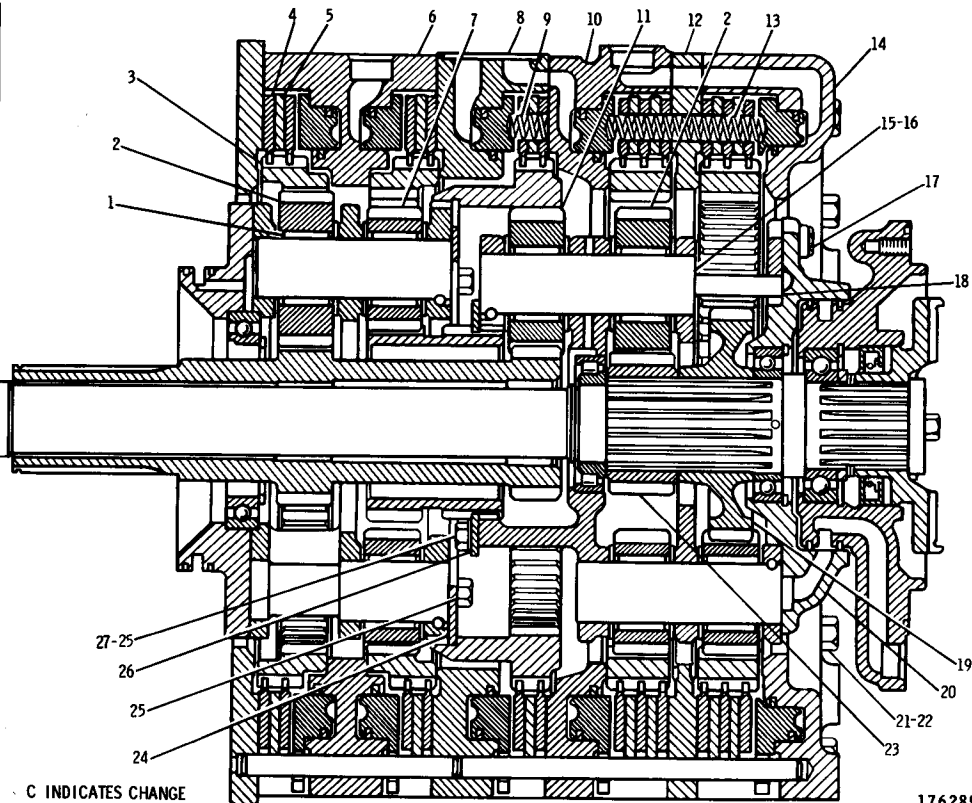


176503

7G4244 PLANETARY TRANSMISSION GROUP—Part 1 of 3  
 IF TRANSMISSION IS SERIALIZED USE TRANSMISSION SERIAL NO. OTHERWISE USE VEHICLE SERIAL NO.  
 Serial No. 14X1 to 14X1812 inclusive. Transmission Serial No. 2KA1—Up  
 Part of 7G4247 Transmission Arrangement shown on Page 96

7G4244 PLANETARY TRANSMISSION GROUP—Part 2 of 3  
 IF TRANSMISSION IS SERIALIZED USE TRANSMISSION SERIAL NO. OTHERWISE USE VEHICLE SERIAL NO.  
 Serial No. 14X1 to 14X1812 inclusive. Transmission Serial No. 2KA1—Up  
 Part of 7G4247 Transmission Arrangement shown on Page 96

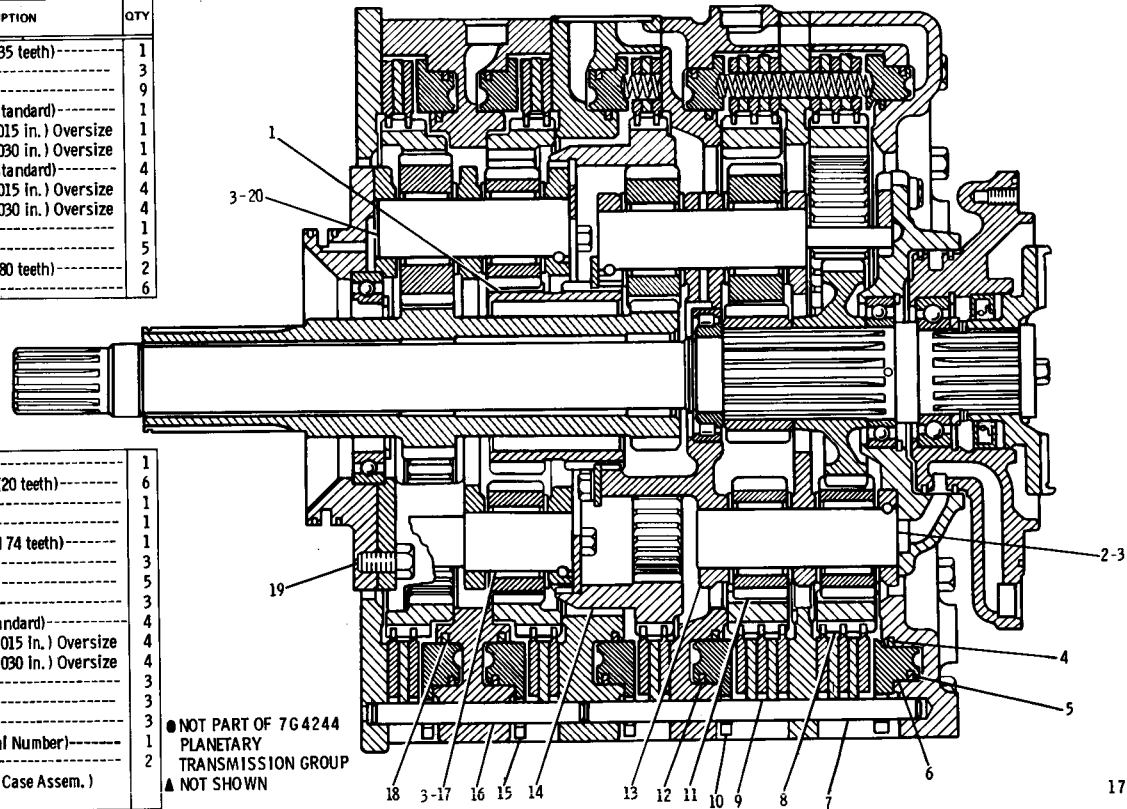
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	5M6126	BEARING-----	21
2	7G894	WASHER-----	42
3	7G2513	GEAR----- (26 teeth)	6
4	9M2049	GEAR----- (96 and 80 teeth)	2
5	8P8679	DISC. ASSEM.	6
6	2P4472	PLATE-----	7
7	8M8644	HOUSING-----	1
8	7G2476	GEAR----- (20 teeth)	6
9	4S8708	HOUSING-----	1
10	7M8480	DOWEL----- (short)	2
11	7M8479	DOWEL----- (long)	2
12	4M9592	SPRING-----	30
13	9P5379	HOUSING-----	1
14	7G2475	GEAR----- (24 teeth)	3
15	8M8646	PLATE ASSEM. (Includes)	1
16	7M8479	DOWEL-----	2
17	2D6642	BALL-----	2
18	4M1678	SPRING-----	10
19	9M2013	HOUSING ASSEM. (Includes)	1
20	2D6642	BALL-----	2
21	5M6211	SHAFT-----	3
22	2D6642	BALL-----	3
23	5D353	BOLT-----	6
24	6H4208	LOCK-----	3
25	5M6212	TUBE-----	3
26	8M8623	GEAR----- (40 teeth)	1
27	4S8718	CAGE-----	1
28	5M7900	BOLT-----	9
29	2M849	WASHER-----	9
30	5M6120	GEAR----- (23 teeth)	1
31	9M1501	PLATE-----	3
32	5K9107	BOLT-----	15
33	1S6527	PLATE-----	3
34	8M8509	LOCK-----	3



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	9M1995	GEAR------(35 teeth)	1
2	5M6210	SHAFT-----	3
3	2D6642	BALL-----	9
	7M1177	RING------(Standard)	1
4	6P8267	RING- 0.39 mm(.015 in.) Oversize	1
	9P2944	RING- 0.77 mm(.030 in.) Oversize	1
	5M6132	RING------(Standard)	4
5	6P8264	RING- 0.39 mm(.015 in.) Oversize	4
	6P8258	RING- 0.77 mm(.030 in.) Oversize	4
6	8M8649	PISTON-----	1
7	9M1990	DOWEL-----	5
8	5M7841	GEAR------(96 and 80 teeth)	2
9	9P5254	DISC ASSEM.-----	6

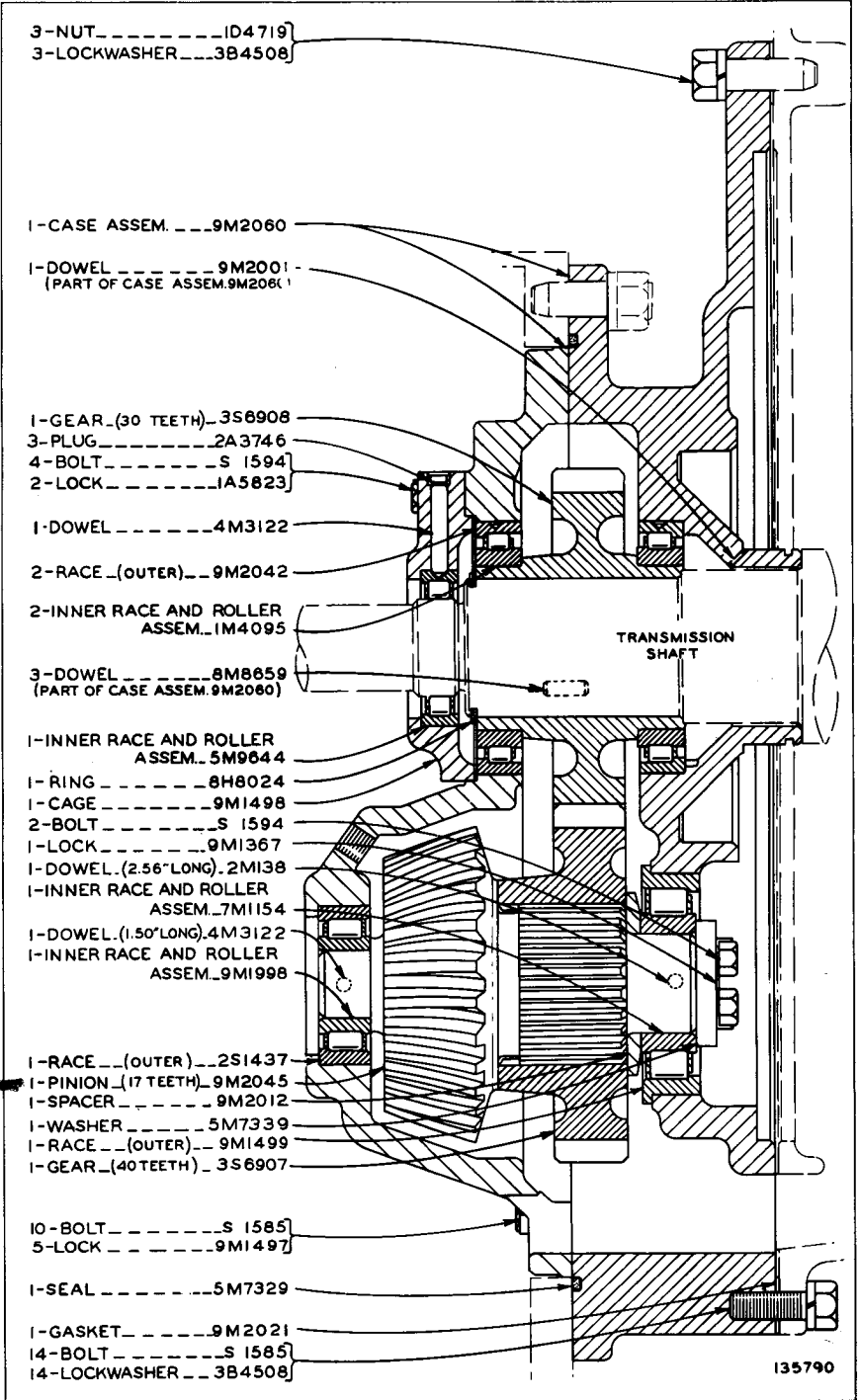
10	9P5363	PISTON-----	1
11	7G2476	GEAR------(20 teeth)	6
12	9P5364	RING-----	1
13	5M7875	CARRIER-----	1
14	5M7869	GEAR------(96 and 74 teeth)	1
15	8M8650	PISTON-----	3
16	4M1641	DOWEL-----	5
17	9M1995	SHAFT-----	3
	5M6141	RING------(Standard)	4
18	6P8266	RING- 0.39 mm(.015 in.) Oversize	4
	9P2945	RING- 0.77 mm(.030 in.) Oversize	4
19	6K7917	BOLT-----	3
	2M706	LOCK-----	3
20	9M1500	SHAFT-----	3
	6V1720	PLATE------(Serial Number)	1
	7B3028	SCREW-----	2

● NOT PART OF 7G4244  
PLANETARY  
TRANSMISSION GROUP  
▲ NOT SHOWN



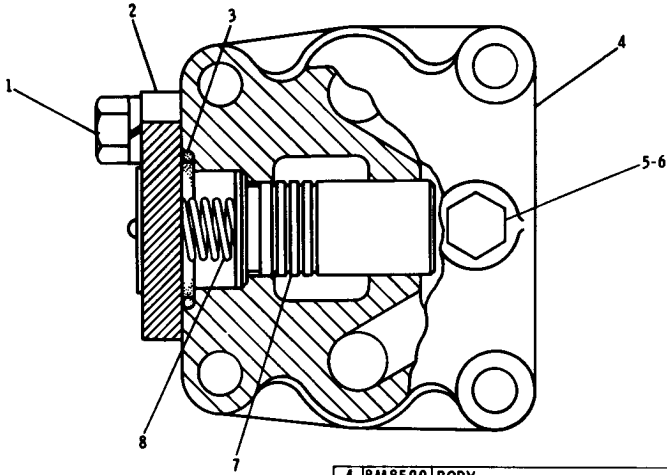
176290

7G4244 PLANETARY TRANSMISSION GROUP—Part 3 of 3  
IF TRANSMISSION IS SERIALIZED USE TRANSMISSION SERIAL NO. OTHERWISE USE VEHICLE SERIAL NO.  
Serial No. 14X1 to 14X1812 inclusive. Transmission Serial No. 2KA1—Up  
Part of 7G4247 Transmission Arrangement shown on Page 96



3S6922 TRANSFER GEAR GROUP

IF TRANSMISSION IS SERIALIZED USE TRANSMISSION SERIAL NO. OTHERWISE USE VEHICLE SERIAL NO. Serial No. 14X1 to 14X1812 inclusive. Transmission Serial No. 2KA1—Up. Part of 7G4247 Transmission Arrangement shown on Page 96



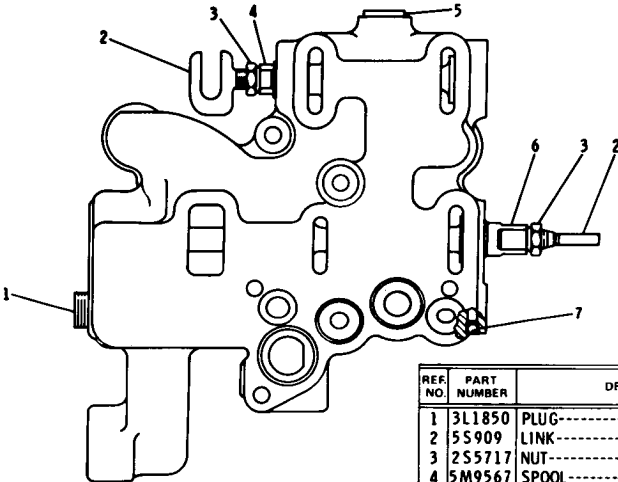
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	51594	BOLT-----	2
	3B4506	LOCKWASHER-----	2
2	4M8815	COVER-----	1
3	8M5254	SEAL-----	1

4	8M8599	BODY-----	1
5	9S4191	PLUG-----	1
6	3J1907	SEAL-----	1
7	8M8598	SPOOL-----	1
8	2S5816	SPRING-----	1

218740

7G4491 RELIEF VALVE GROUP

IF TRANSMISSION IS SERIALIZED USE TRANSMISSION SERIAL NO. OTHERWISE USE VEHICLE SERIAL NO. Serial No. 14X1 to 14X1812 inclusive. Transmission Serial No. 2KA1—Up. Part of 7G4247 Transmission Arrangement shown on Page 96



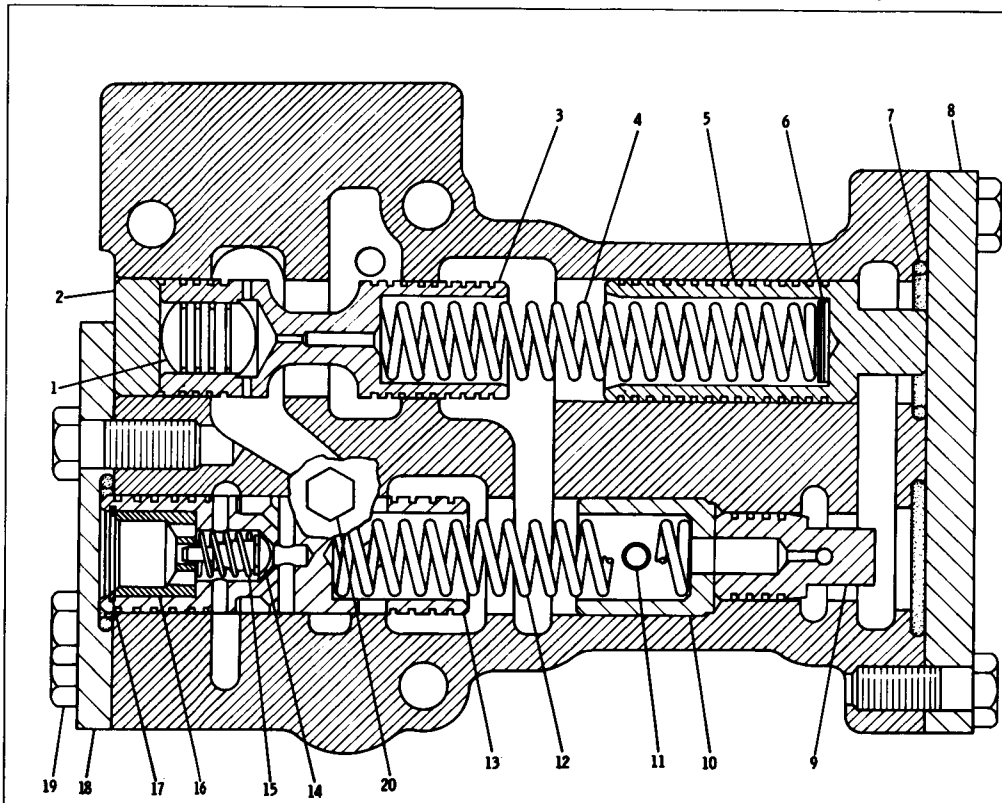
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	3L1850	PLUG-----	2
2	5S909	LINK-----	2
3	2S5717	NUT-----	2
4	5M9567	SPOOL-----	1
5	9S8005	PLUG-----	1
	3K360	SEAL-----	1
6	1P6596	SPOOL-----	1
7	2D6642	BALL-----	1

147455

1P6591 SELECTOR VALVE GROUP

IF TRANSMISSION IS SERIALIZED USE TRANSMISSION SERIAL NO. OTHERWISE USE VEHICLE SERIAL NO. Serial No. 14X1 to 14X1812 inclusive. Transmission Serial No. 2KA1—Up. Part of 8M6350 Transmission Hydraulic Control Group shown on Page 97

8P7791 PRESSURE CONTROL GROUP  
 IF TRANSMISSION IS SERIALIZED USE TRANSMISSION SERIAL NO. OTHERWISE USE VEHICLE SERIAL NO.  
 Serial No. 14X1 to 14X1812 inclusive. Transmission Serial No. 2KA1—Up  
 Part of 8M6350 Transmission Hydraulic Control Group shown on Page 97



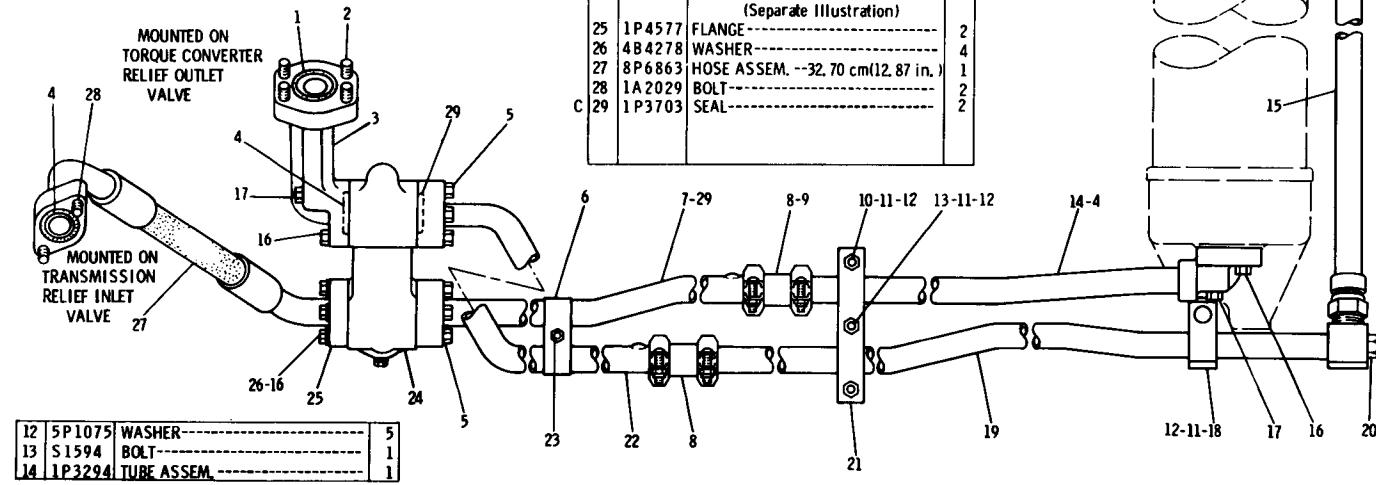
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	2M7041	SLUG-----	1
2	1P8612	STOP-----	1
3	9M2025	SPOOL-----	1
4	3P394	SPRING-----	1
5	8S9198	PISTON-----	1
5	5M7915	SPACER---0.77 mm(.030 in.) thick	4
6	5M7914	SPACER---0.26 mm(.010 in.) thick	3
7	8M5248	SEAL-----	3
8	9S2753	COVER-----	1
9	3P391	VALVE-----	1
10	1P9665	RETAINER-----	1
11	6D3036	DOWEL-----	2
12	8M8132	SPRING-----	1
13	6P4711	SPOOL ASSEM. (Includes)	1
14	6P8848	PLUNGER-----	1
15	9H2367	SPRING-----	1
16	6P4717	SLEEVE-----	1
17	2M8191	RING-----	1
18	1P8573	COVER-----	1
19	S1594	BOLT-----	7
20	5M6214	PLUG-----	2
	SMHS6943	FORM----- (Installing Control Valves)	1

210775

POWER TRAIN-POWER TRANSMISSION UNIT

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8M4986	SEAL-----	1
2	T320	BOLT-----	4
3	7G4563	ELBOW-----	1
4	8M4987	SEAL-----	5
5	S1591	BOLT-----	8
6	2F6578	CLAMP-----	2
7	9P3427	TUBE ASSEM.-----	1
8	2S7070	JOINT ASSEM.----- (Each Includes)	2
9	9S2082	SEAL-----	2
10	L1351	BOLT-----	2
11	1D4717	NUT-----	4

15	1P3290	TUBE ASSEM.-----	1
16	S1588	BOLT-----	10
17	S1590	BOLT-----	6
18a	7S3916	CLIP----- (tab)	1
	7S3919	CLIP----- (slot)	1
19	1P3633	TUBE ASSEM.----- (Includes)	1
20	9S4191	PLUG-----	1
	3J1907	SEAL-----	1
21	7S7281	CLAMP-----	2
22	9P3428	TUBE ASSEM.-----	1
	S1616	BOLT-----	1
23	1B4330	NUT-----	1
	5P4115	WASHER-----	1
24	1P3676	VALVE GROUP----- (Separate Illustration)	1
25	1P4577	FLANGE-----	2
26	4B4278	WASHER-----	4
27	8P6863	HOSE ASSEM. --32.70 cm(12.87 in.)	2
28	1A2029	BOLT-----	2
29	1P3703	SEAL-----	2



12	5P1075	WASHER-----	5
13	S1594	BOLT-----	1
14	1P3294	TUBE ASSEM.-----	1

C INDICATES CHANGE

171754

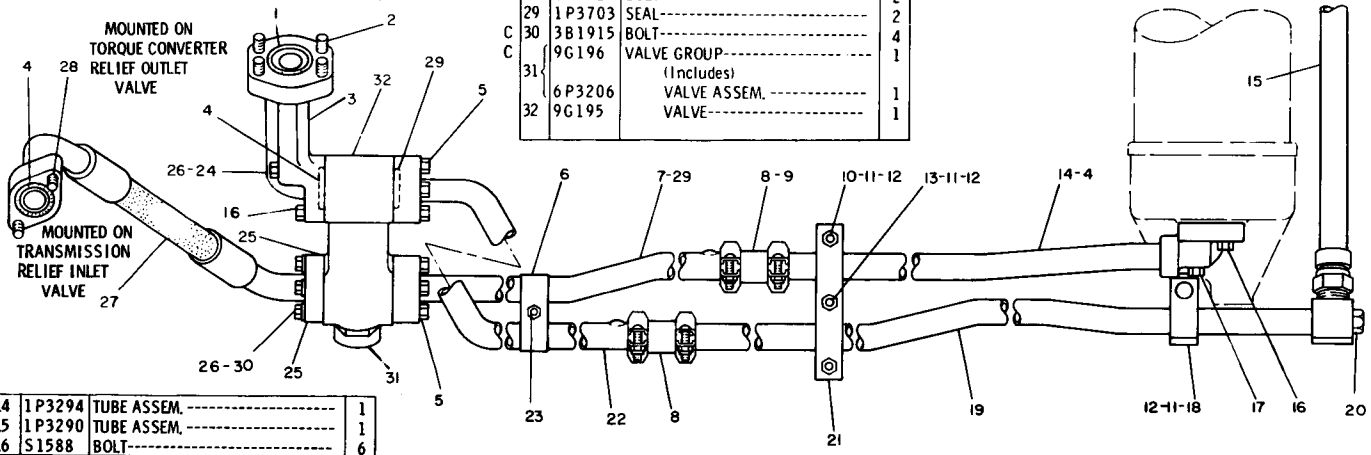
8P7657 POWER TRAIN COOLER LINES GROUP  
 Serial No. 14X1 to 14X1480 inclusive  
 1P3676 By-Pass Valve parts are shown on Page 105



8P7657 POWER TRAIN COOLER LINES GROUP  
Serial No. 14X1481—Up

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	8M4986	SEAL-----	1
2	T320	BOLT-----	4
3	7G4563	ELBOW-----	1
4	8M4987	SEAL-----	5
5	2A4639	BOLT-----	8
6	2F6578	CLAMP-----	2
7	9P3427	TUBE ASSEM.-----	1
8	2S7070	JOINT ASSEM.-----	2
		(Each Includes)	
9	9S2082	SEAL-----	2
10	L1351	BOLT-----	2
11	1D4717	NUT-----	4
12	5P1075	WASHER-----	5
13	S1594	BOLT-----	1

C 17	S1590	BOLT-----	4
18	7S3916	CLIP----- (tab)-----	1
	7S3919	CLIP----- (slot)-----	1
19	1P3633	STBE ASSEM.-----	1
		(Includes)	
20	9S4191	PLUG-----	1
	3J1907	SEAL-----	1
21	7S7281	CLAMP-----	2
22	9P3428	TUBE ASSEM.-----	1
	S1616	BOLT-----	1
23	1B4330	NUT-----	1
	5P4115	WASHER-----	1
C 24	L2070	BOLT-----	2
25	1P4577	FLANGE-----	2
C 26	5M2894	WASHER-----	6
27	8P6863	HOSE ASSEM. -- 32.7 cm(12.87 in.)	1
28	1A2029	BOLT-----	2
29	1P3703	SEAL-----	2
C 30	3B1915	BOLT-----	4
C	9G196	VALVE GROUP-----	1
		(Includes)	
31	6P3206	VALVE ASSEM.-----	1
32	9G195	VALVE-----	1

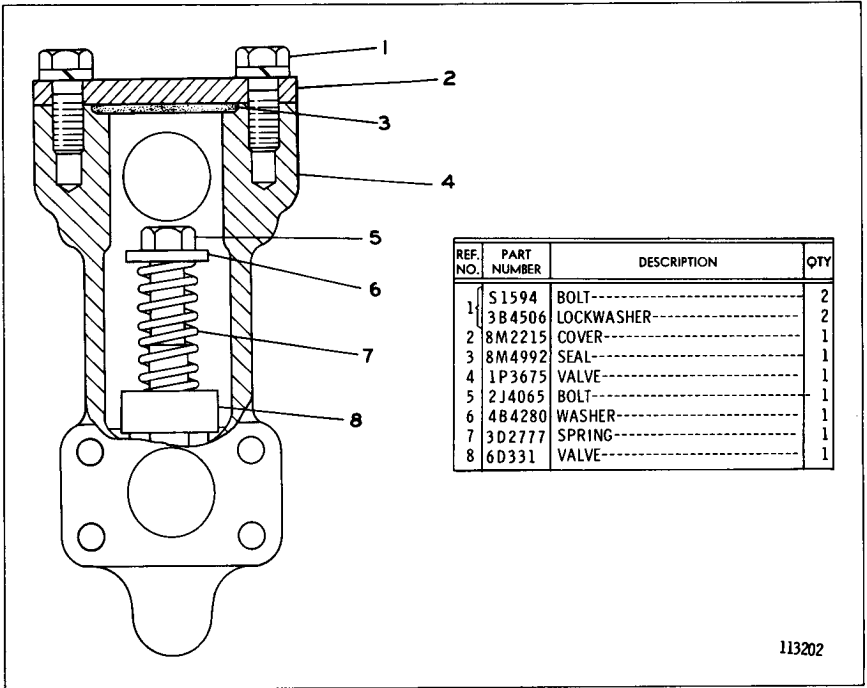


14	1P3294	TUBE ASSEM.-----	1
15	1P3290	TUBE ASSEM.-----	1
C 16	S1588	BOLT-----	6

C INDICATES CHANGE

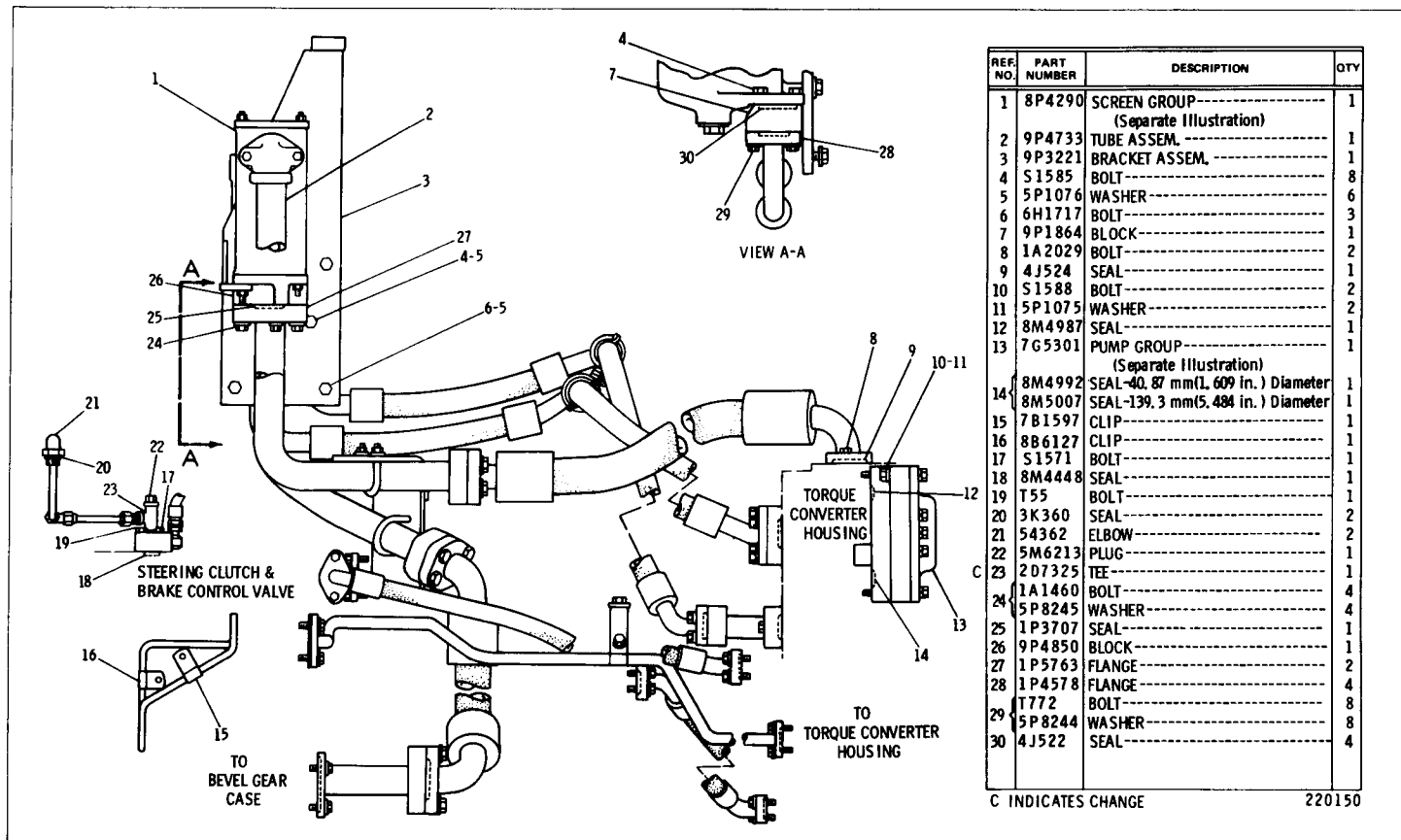
POWER TRAIN-POWER TRANSMISSION UNIT 104A

173140



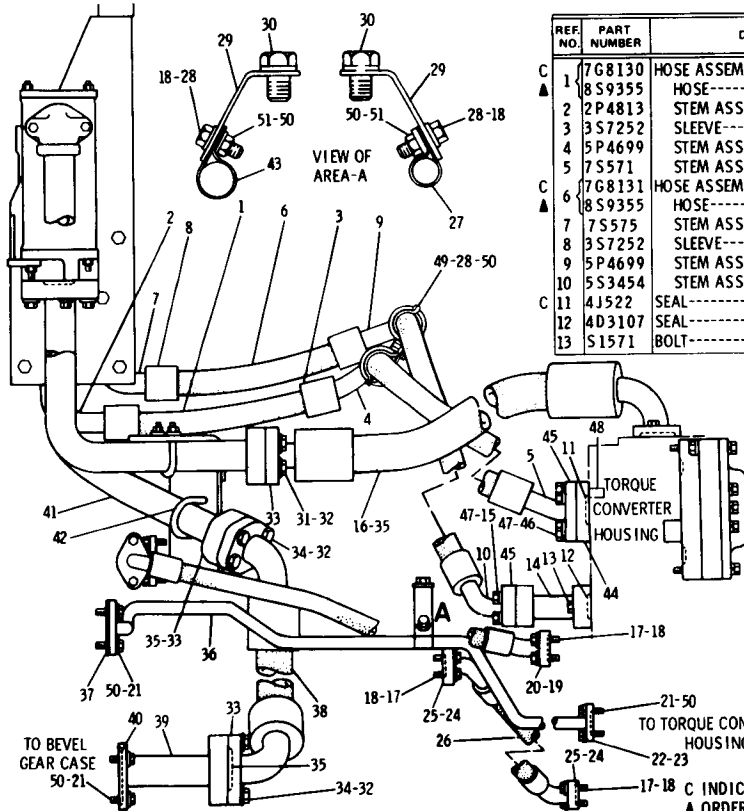
113202

1P3676 BY-PASS VALVE GROUP  
 Serial No. 14X1 to 14X1480 inclusive  
 Part of 8P7657 Power Train Cooler Lines Group shown on Page 104



8P7765 POWER TRAIN OIL LINES GROUP—Part 1 of 3  
8P4290 Magnetic Screen and 7G5301 Pump parts are shown on Pages 109 & 114

8P7765 POWER TRAIN OIL LINES GROUP—Part 2 of 3

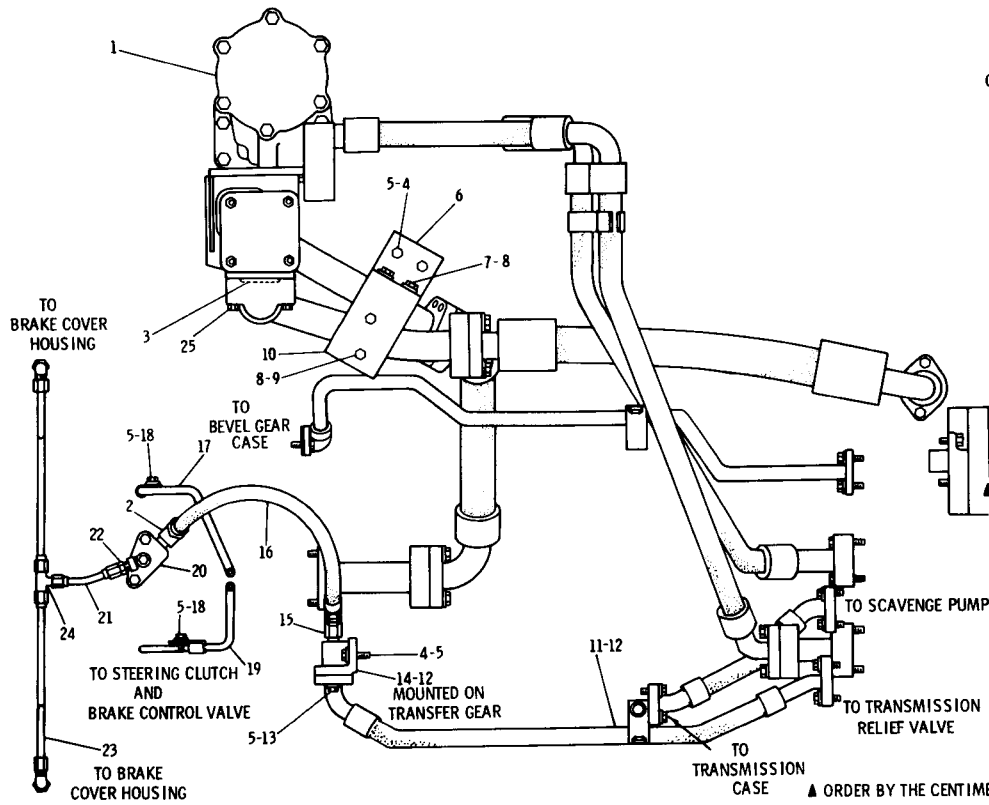


REF NO.	PART NUMBER	DESCRIPTION	QTY
C 1	7G8130	HOSE ASSEM. -----	1
▲ 1	8S9355	HOSE-----43.3 in. (110 cm)	1
2	2P4813	STEM ASSEM. -----(90°)	1
3	3S7252	SLEEVE-----	4
4	5P4699	STEM ASSEM. -----(90°)	1
5	7S571	STEM ASSEM. -----(22.5°)	1
C 6	7G8131	HOSE ASSEM. -----	1
▲ 6	8S9355	HOSE-----51.20 in. (130 cm)	1
7	7S575	STEM ASSEM. -----(90°)	1
8	3S7252	SLEEVE-----	4
9	5P4699	STEM ASSEM. -----(90°)	1
10	5S3454	STEM ASSEM. -----(67.5°)	1
C 11	4J522	SEAL-----	3
12	4D3107	SEAL-----	1
13	S1571	BOLT-----	2

C 14	7G8120	TUBE ASSEM. -----	1
C 15	T768	BOLT-----	1
16	9P3171	HOSE ASSEM. -----67.2 cm(26.5 in.)	1
17	S1588	BOLT-----	12
18	5M2894	WASHER-----	14
19	8M4987	SEAL-----	1
20	1P4577	FLANGE-----	2
21	1A2029	BOLT-----	7
22	9M9037	FLANGE-----	1
23	1S4	SEAL-----	1
24	8M4988	SEAL-----	2
25	1P4576	FLANGE-----	4
26	3S3711	HOSE ASSEM. -----	1
27	8F2395	CLIP-----	1
C 28	S1594	BOLT-----	3
C 29	3S5716	BRACKET-----	2
C 30	S1624	BOLT-----	2
C 31	4B4281	WASHER-----	2
32	1A1460	BOLT-----	4
33	5P8245	WASHER-----	12
34	1P4579	FLANGE-----	6
35	S1587	BOLT-----	8
36	4J524	SEAL-----	3
37	3S3737	TUBE ASSEM. -----	3
38	1F3133	GASKET-----	1
39	9P3183	HOSE ASSEM. -----79 cm(31 in.)	1
40	9P3173	TUBE ASSEM. -----	1
41	8M4390	SEAL-----	1
42	9P3175	TUBE ASSEM. -----	1
43	6K4007	"U" BOLT-----	2
C 44	L1131	CLIP-----	1
C 45	7G8122	ADAPTER-----	1
C 46	1P4578	FLANGE-----	4
C 47	3H5368	BOLT-----	4
C 48	5P8244	WASHER-----	8
C 49	1T765	BOLT-----	2
C 50	5P7464	CLIP----- (slotted)	2
C 51	5P7465	CLIP----- (tab)	2
	5P1075	WASHER----- (conical)	10
	1D4717	NUT-----	2

C INDICATES CHANGE  
▲ ORDER BY THE INCH

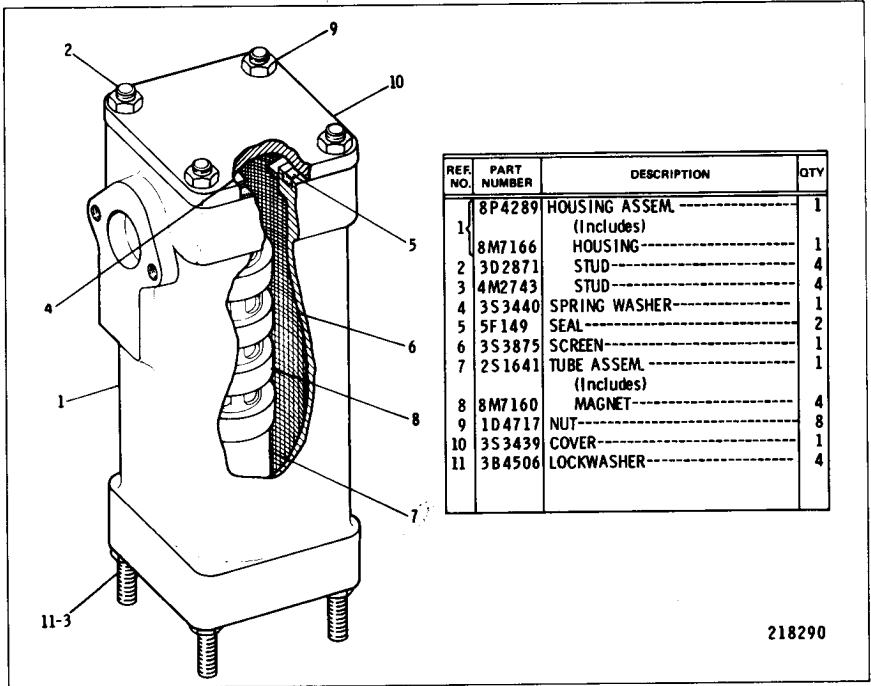
220151



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	9P859	FILTER GROUP (Separate Illustration)	1
C 2	4D577	ELBOW	1
3	8M5010	SEAL	1
4	1A2029	BOLT	4
5	5P1075	WASHER	8
6	9P3182	PLATE ASSEM. (Includes)	1
6	9F2978	NUT	2
7	S1594	BOLT	2
8	5M2894	WASHER	6
9	1D4717	NUT	4
10	9P2721	PLATE	1
11	9S2693	HOSE ASSEM. ---77.2 cm(30.41 in.)	1
12	8M4987	SEAL	2
13	S1588	BOLT	2
14	3P6118	ELBOW	1
15	4D582	UNION	1
16	3P6154	HOSE ASSEM. ---50 cm(19.69 in.)	1
17	2P9546	TUBE	1
18	T102	BOLT	2
19	5P1200	TUBE	1
20	6P8014	FLANGE	1
21	7G1977	TUBE ASSEM.	1
22	3Z1267	CONNECTOR	1
23	7G1976	TUBE ASSEM.	2
24	4S3652	TEE	1
25	7H7954	BOLT	2

220152

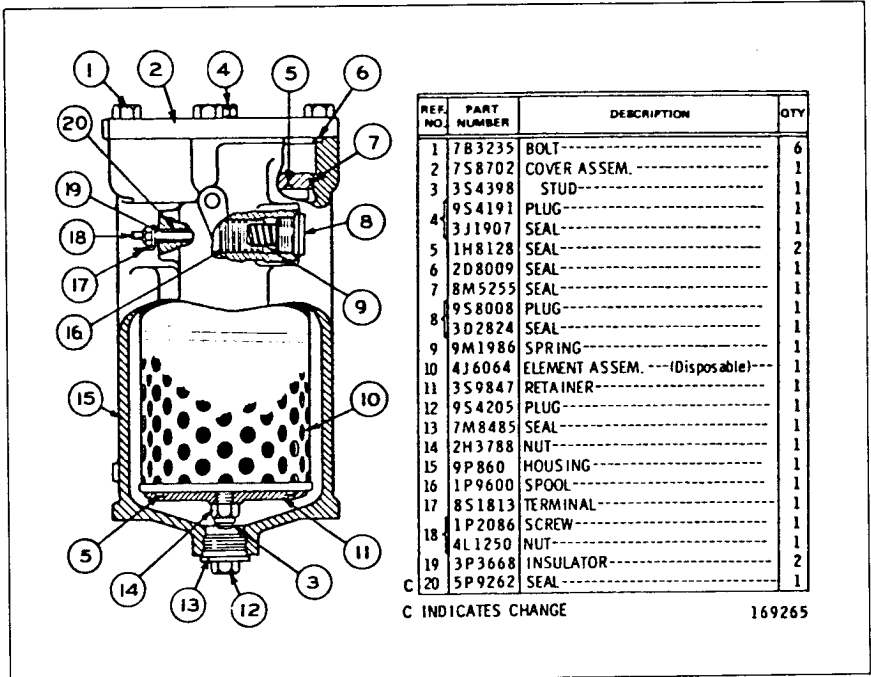
8P7765 POWER TRAIN OIL LINES GROUP—Part 3 of 3  
 9P859 Transmission Filter parts are shown on Page 109



218290

8P4290 MAGNETIC SCREEN GROUP

Part of 8P7765 Power Train Oil Lines Group shown on Page 106



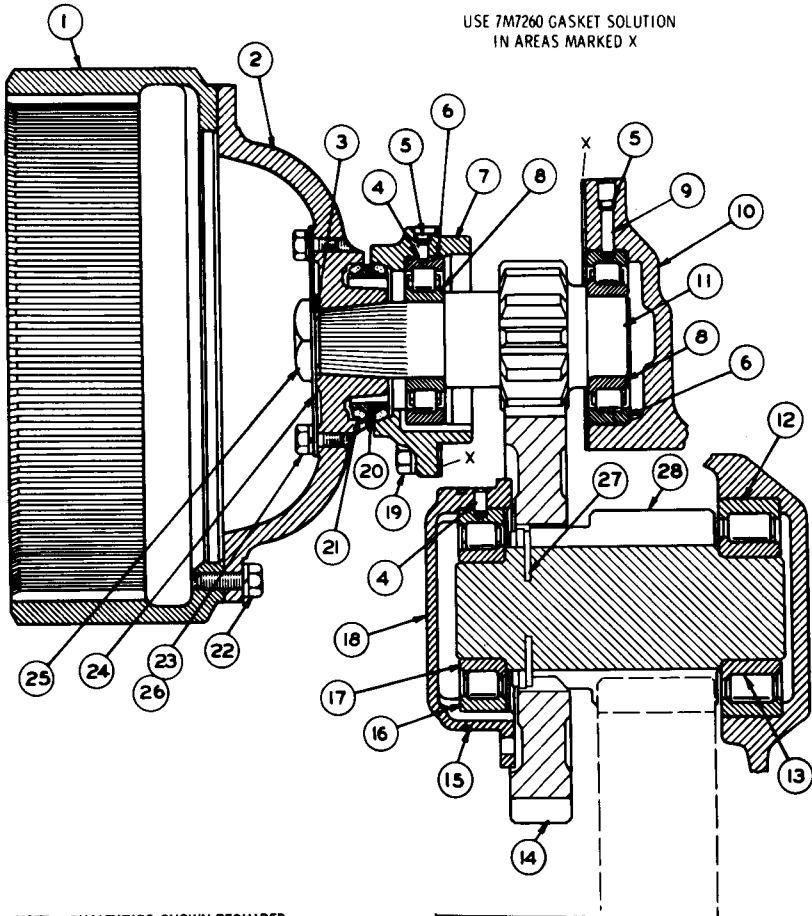
C INDICATES CHANGE

169265

9P859 TRANSMISSION FILTER GROUP

Part of 8P7765 Power Train Oil Lines Group shown on Page 108

USE 7M7260 GASKET SOLUTION  
IN AREAS MARKED X



NOTE: QUANTITIES SHOWN REQUIRED  
FOR R. H. & L. H. SIDE OF MACHINE

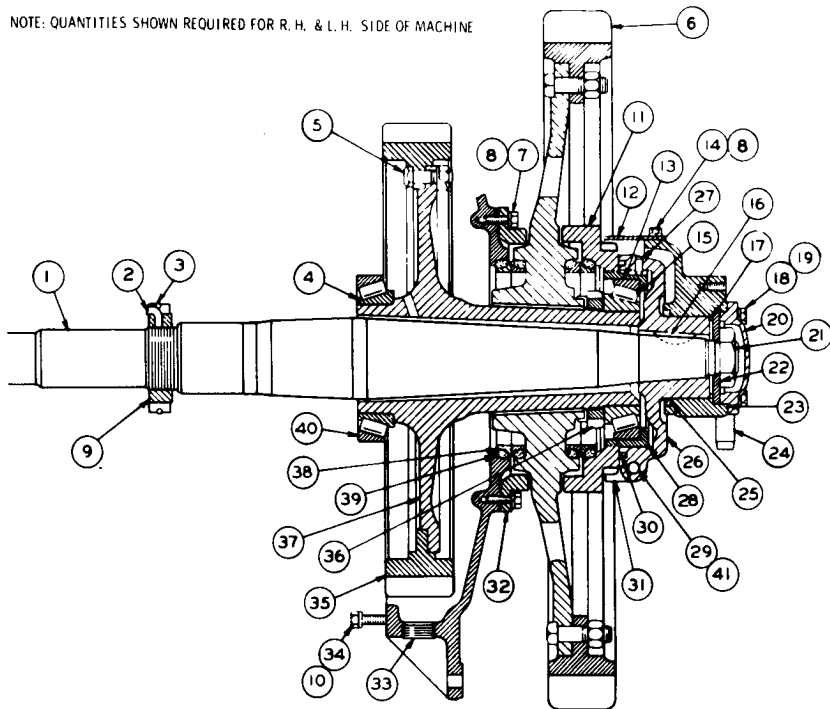
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	2S7603	DRUM	2
2	3P6318	FLANGE	2
3	3P7236	GASKET	2
4	3F1953	DOWEL	6
5	L1026	PLUG	6
6	6B5163	RACE AND ROLLER ASSEM.	4
7	9P418	RACE	2
8	2P2810	CAGE	4
9	3H4174	DOWEL	2
	3S2485	CASE----- (Right Hand)	1
	3S2486	CASE----- (Left Hand)	1
10	2B8557	CORK	6
	2B8562	DOWEL	6
11	5S192	PINION----- (12 teeth)	2
12	5P5066	RACE AND ROLLER ASSEM.	2

13	5P5067	RACE-----	2
14	2P3422	GEAR----- (38 teeth)	2
15	1S4974	SEAL	2
16	6B5067	RACE AND ROLLER ASSEM.	2
17	9S8669	RACE	2
18	5M7383	CAGE	2
	S1585	BOLT	12
19	3H7654	WASHER	12
20	5P7143	SEAL GROUP	2
		(Each Includes)	
21	5P7144	SEAL----- (rubber)	2
	S1589	BOLT	24
22	3B4510	LOCKWASHER	24
23	7H2069	BOLT	4
24	3P6317	LOCK	2
25	2J5815	NUT	2
26	3B4512	LOCKWASHER	4
27	2P3421	RETAINER	2
28	2P3423	PINION----- (10 teeth)	2

166824

3P1436 FINAL DRIVE GROUP—Upper Half  
Serial No. 14X1 to 14X945 inclusive

NOTE: QUANTITIES SHOWN REQUIRED FOR R. H. & L. H. SIDE OF MACHINE



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	5M6670	SHAFT-----	2
2	2B7906	PIN-----	2
3	2B8091	RING-----	2
4	9M2744	CONE-----	2
5	3B4990	BOLT-----	36
5	2K4821	NUT-----	36
5	2S8415	WASHER-----	36
6	8P8171	SPROCKET GROUP (Separate Illustration)	2
7	51594	BOLT-----	20
8	3B4506	LOCKWASHER-----	28
9	5M2130	NUT-----	2
10	2M849	WASHER-----	64
11	8P621	NUT-----	2
12	3S771	GUARD-----	2
13	6B4370	CUP-----	2
14	5S509	BOLT-----	8
15	1L7518	CONE-----	2
16	1B8742	KEY-----	2
17	6B4823	WASHER-----	6
18	7B3235	BOLT-----	8
19	3B4508	LOCKWASHER-----	8
20	4S8958	CAP-----	2
20	4S9065	GASKET-----	2
21	1A7486	NUT-----	2
21	6B4809	LOCK-----	2
21	6B4936	WASHER ASSEM. (Each Includes)	2
22	2H1190	DOWEL-----	1

23	3S777	BEARING-----	2
24	2M122	DOWEL-----	4
25	2P3394	RING-----	2
26	9P3436	HOLDER ASSEM. (Each Includes)	2
26	4F2954	PIN-----	2
27	8B1312	DOWEL-----	1
28	3S775	CAGE-----	2
28	6F7024	BOLT-----	2
29	1B4206	NUT-----	2
30	6P7639	GASKET-----	2
31	3P3623	LOCK-----	2
32	8P1330	GUARD-----	2
33	5S4017	PLUG-----	2
34	51585	BOLT-----3.81 cm(1.50 in.) long	56
34	1B2886	BOLT-----9.52 cm(3.75 in.) long	8
35	1P1897	GEAR----- (51 teeth)	2
36	9S9649	NUT-----	2
36	9S9648	LOCK-----	2
37	9S9650	HUB-----	2
38	8P1252	SEAL GROUP (Each Includes)	4
39	1M9011	SEAL----- (rubber)	2
40	1M6573	CUP-----	2
41	3B4510	LOCKWASHER-----	2

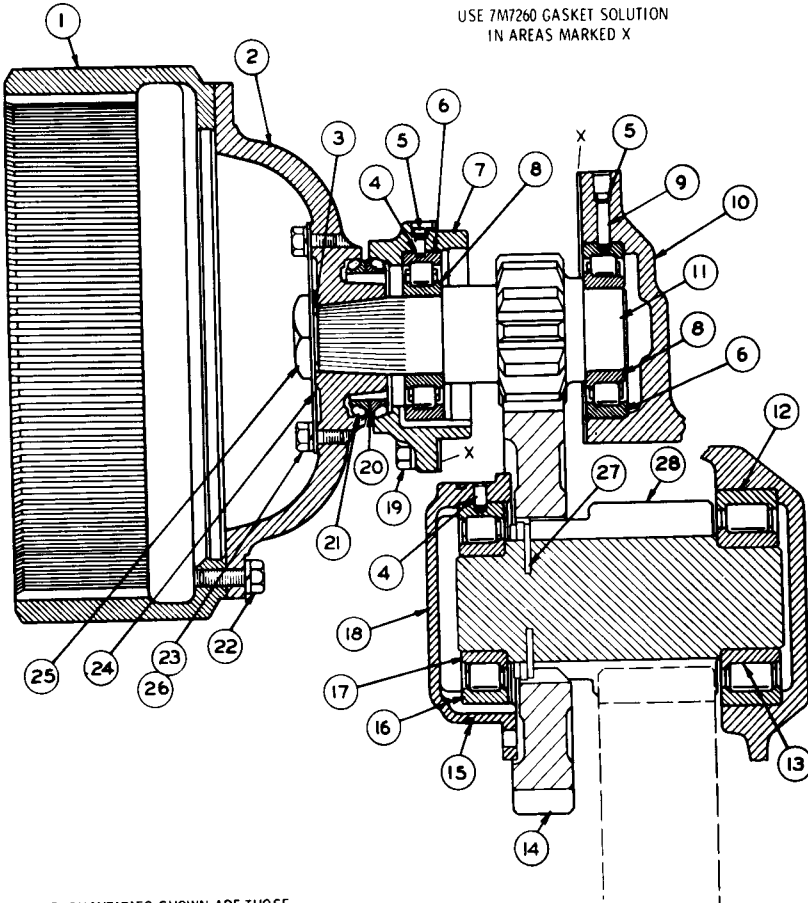
166825

3P1436 FINAL DRIVE GROUP—Lower Half  
Serial No. 14X1 to 14X945 inclusive  
8P8171 Sprocket parts are shown on Page 114



CATERPILLAR 977L TRACK LOADER

USE 7M7260 GASKET SOLUTION  
IN AREAS MARKED X



NOTE: QUANTITIES SHOWN ARE THOSE  
REQUIRED FOR R. H. & L. H. SIDES OF  
MACHINE

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	2S7603	DRUM	2
2	3P6318	FLANGE	2
3	3P7236	GASKET	2
4	3F1953	DOWEL	6
5	L1026	PLUG	6
6	5P9176	BEARING	4
7	9P418	CAGE	2
8	5P9177	RACE	4
9	3H4174	DOWEL	2
	3S2485	CASE (Right Hand)	1
	3S2486	CASE (Left Hand)	1
10	2B7557	CORK	6
	2B8162	DOWEL	6
11	5S192	PINION (12 Teeth)	2
12	5P5066	RACE AND ROLLER ASSEM.	2

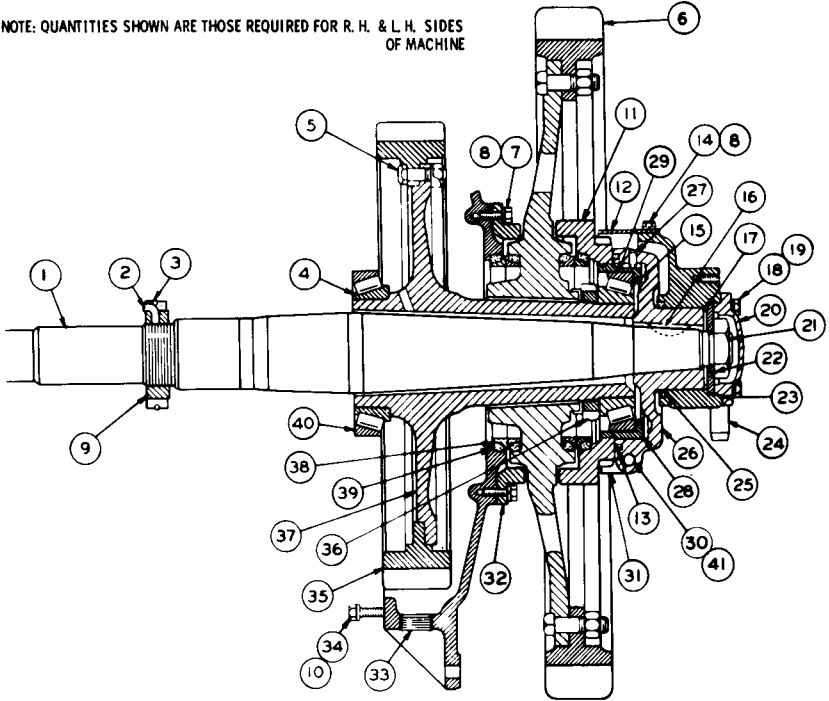
13	5P5067	RACE	2
14	2P3422	GEAR (38 teeth)	2
15	1S4974	SEAL	2
16	6B5067	RACE AND ROLLER ASSEM.	2
17	9S8669	RACE	2
18	5M7383	CAGE	2
	S1585	BOLT	12
19	3H7654	WASHER	12
20	5P7143	SEAL GROUP	2
	(Each Includes)		
21	5P7144	SEAL (rubber)	2
	S1589	BOLT	24
22	3B4510	LOCKWASHER	24
23	7H2069	BOLT	4
24	3P6317	LOCK	2
25	2J5815	NUT	2
26	3B4512	LOCKWASHER	4
27	2P3421	RETAINER	2
28	2P3423	PINION (10 teeth)	2

C INDICATES CHANGE

170981

3P1436 FINAL DRIVE GROUP—Upper Half  
Serial No. 14X946 to 14X1339 inclusive

NOTE: QUANTITIES SHOWN ARE THOSE REQUIRED FOR R. H. & L. H. SIDES OF MACHINE



REF NO.	PART NUMBER	DESCRIPTION	QTY
1	5M6670	SHAFT	2
2	2B7906	PIN	2
3	2B8091	RING	2
4	9M2744	CONE	2
	3B4990	BOLT	36
5	2K4821	NUT	36
	2S8415	WASHER	36
6	8P8171	SPROCKET GROUP (Separate Illustration)	2
7	S1594	BOLT	20
8	3B4506	LOCKWASHER	28
9	5M2130	NUT	2
10	2M849	WASHER	64
11	8P621	NUT	2
12	3S771	GUARD	2
13	6P7639	GASKET	2
14	S509	BOLT	8
15	1L7518	CONE	2
16	1B8742	KEY	2
17	6B4823	WASHER	6
18	7B3235	BOLT	8
19	3B4508	LOCKWASHER	8
20	4S8958	CAP	2
	4S9065	GASKET	2
	1A7486	NUT	2
21	6B4809	LOCK	2
	6B4936	WASHER ASSEM. (Each Includes)	2
22	2H1190	DOWEL	1

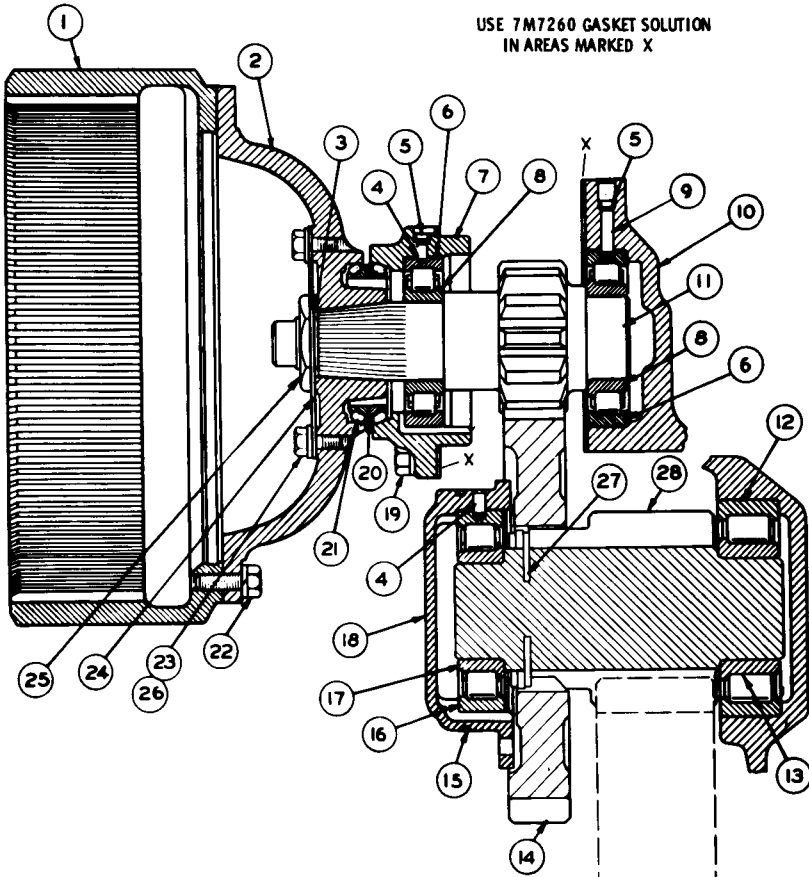
23	3S777	BEARING	2
24	2M122	DOWEL	4
25	2P3394	RING	2
C	9P3436	HOLDER ASSEM. (Each Includes)	2
26	4F2954	PIN	2
27	8B1312	DOWEL	1
C	7G6681	CAGE ASSEM. (Each Includes)	2
29	6B4370	CUP	1
30	6F7024	BOLT	2
	1B4206	NUT	2
31	3P3623	LOCK	2
32	8P1330	GUARD	2
33	5S4017	PLUG	2
34	S1585	BOLT---3.81 cm(1.50 in.) long	56
	1B2886	BOLT---9.52 cm(3.75 in.) long	8
35	1P1897	GEAR---(51 teeth)	2
36	9S9649	NUT	2
	9S9648	LOCK	2
37	9S9650	HUB	2
38	8P1252	SEAL GROUP (Each Includes)	4
39	1M9011	SEAL---(rubber)	2
40	1M6573	CUP	2
41	3B4510	LOCKWASHER	2

C INDICATES CHANGE

170982

3P1436 FINAL DRIVE GROUP—Lower Half  
Serial No. 14X946 to 14X1339 inclusive  
8P8171 Sprocket parts are shown on Page 114

USE 7M7260 GASKET SOLUTION  
IN AREAS MARKED X



NOTE: QUANTITIES SHOWN ARE THOSE  
REQUIRED FOR R. H. & L. H. SIDES OF  
MACHINE

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	2S7603	DRUM	2
2	3P6318	FLANGE	2
3	3P7236	GASKET	2
4	3F1953	DOWEL	6
5	L1026	PLUG	6
6	5P9176	BEARING	4
7	9P418	CAGE	2
8	5P9177	RACE	4
9	3H4174	DOWEL	2
	3S2485	CASE (Right Hand)	1
	3S2486	CASE (Left Hand)	1
10	2B7557	CORK	6
	2B8162	DOWEL	6
C 11	7G5323	PINION (12 Teeth)	2
12	5P5066	RACE AND ROLLER ASSEM.	2

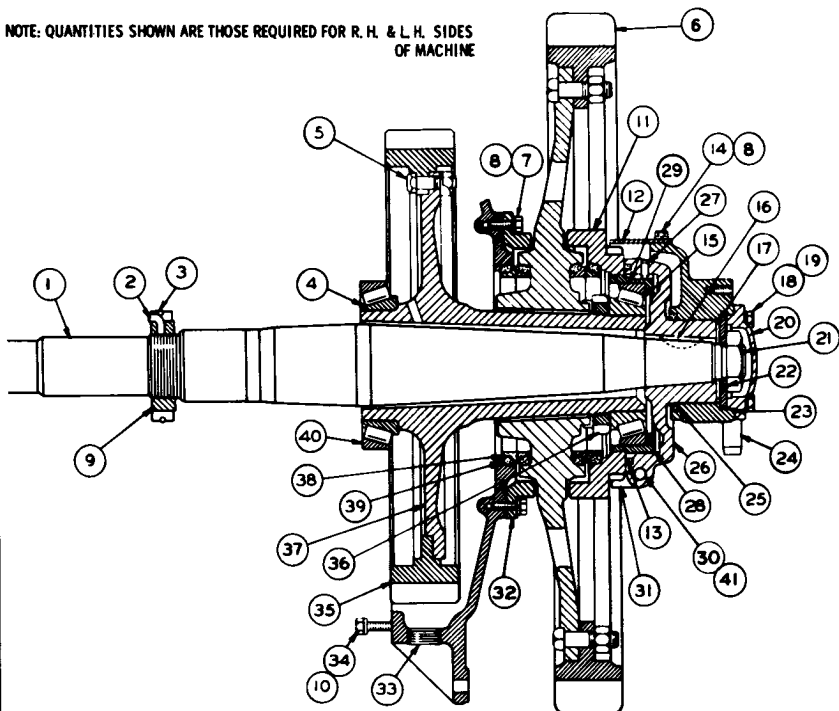
13	5P5067	RACE	2
14	2P3422	GEAR (38 teeth)	2
15	1S4974	SEAL	2
C 16	6V1013	BEARING	2
C 17	6V1014	RACE	2
18	5M7383	CAGE	2
	S1585	BOLT	12
19	3H7654	WASHER	12
20	5P7143	SEAL GROUP	2
	(Each Includes)		
21	5P7144	SEAL (rubber)	2
22	S1589	BOLT	24
	3B4510	LOCKWASHER	24
C 23	S1583	BOLT	4
C 24	7G6986	LOCK	2
C 25	6V530	NUT	2
C 26	5P8248	WASHER	4
27	2P3421	RETAINER	2
28	2P3423	PINION (10 teeth)	2

C INDICATES CHANGE

225493

3P1436 FINAL DRIVE GROUP—Upper Half  
Serial No. 14X1340 to 14X1949 inclusive

NOTE: QUANTITIES SHOWN ARE THOSE REQUIRED FOR R. H. & L. H. SIDES OF MACHINE



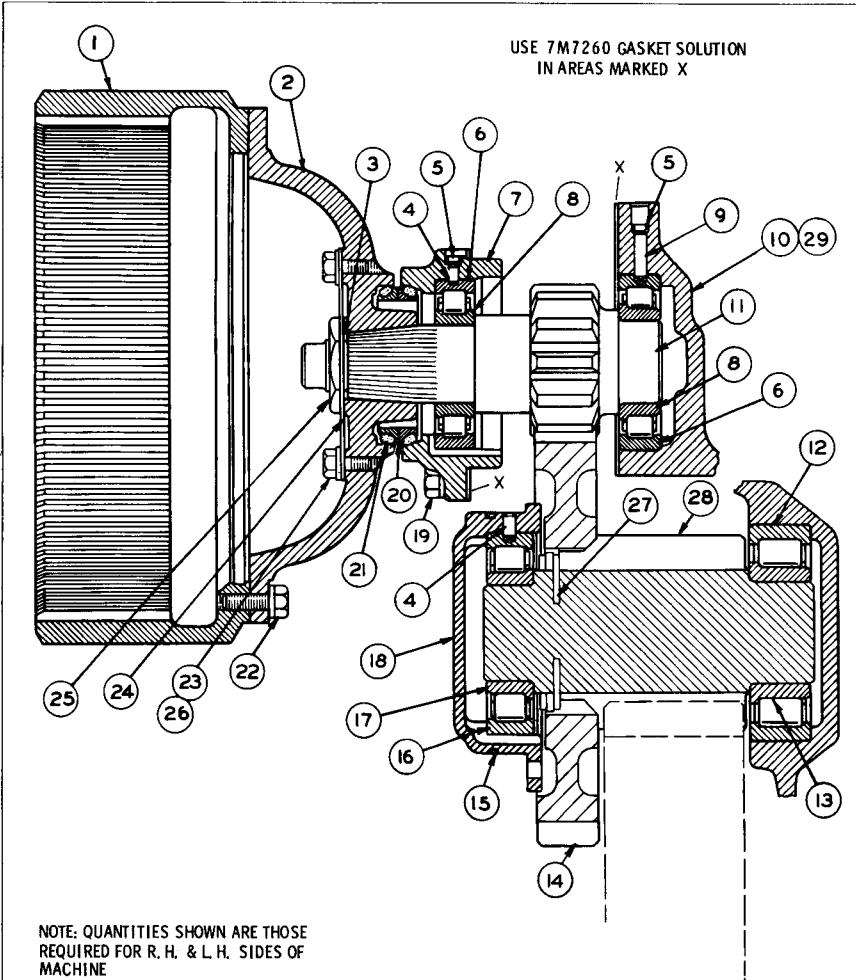
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	5M6670	SHAFT-----	2
2	2B7906	PIN-----	2
3	2B8091	RING-----	2
4	9M2744	CONE-----	2
	3B4990	BOLT-----	36
5	2K4821	NUT-----	36
	2S8415	WASHER-----	36
6	8P8171	SPROCKET GROUP----- (Separate Illustration)	2
7	S1594	BOLT-----	20
8	3B4506	LOCKWASHER-----	28
9	5M2130	NUT-----	2
10	2M849	WASHER-----	64
11	8P621	NUT-----	2
12	3S771	GUARD-----	2
13	6P7639	GASKET-----	2
14	S5509	BOLT-----	8
15	1L7518	CONE-----	2
16	1B8742	KEY-----	2
17	6B4823	WASHER-----	6
18	7B3235	BOLT-----	8
19	3B4508	LOCKWASHER-----	8
	4S8958	CAP-----	2
	4S9065	GASKET-----	2
	1A7486	NUT-----	2
21	6B4809	LOCK-----	2
	6B4936	WASHER ASSEM.----- (Each Includes)	2
22	2H1190	DOWEL-----	1

23	3S777	BEARING-----	2
24	2M122	DOWEL-----	4
C 25	6H1309	RING-----	2
	9P3436	HOLDER ASSEM.----- (Each Includes)	2
26	4F2954	PIN-----	2
27	8B1312	DOWEL-----	1
28	7G6681	CAGE ASSEM.----- (Each Includes)	2
29	6B4370	CUP-----	1
30	6F7024	BOLT-----	2
	1B4206	NUT-----	2
31	3P3623	LOCK-----	2
32	8P1330	GUARD-----	2
33	5S4017	PLUG-----	2
34	S1585	BOLT-----3.81 cm(1.50 in.) long	56
	1B2886	BOLT-----9.52 cm(3.75 in.) long	8
35	1P1897	GEAR----- (51 teeth)	2
	9S9649	NUT-----	2
36	9S9648	LOCK-----	2
	9S9650	HUB-----	2
37	8P1252	SEAL GROUP----- (Each Includes)	4
		SEAL----- (rubber)	2
39	1M9011	SEAL-----	2
40	1M6573	CUP-----	2
41	3B4510	LOCKWASHER-----	2

C INDICATES CHANGE

225494

3P1436 FINAL DRIVE GROUP—Lower Half  
Serial No. 14X1340 to 14X1949 inclusive  
8P8171 Sprocket parts are shown on Page 114



USE 7M7260 GASKET SOLUTION  
IN AREAS MARKED X

NOTE: QUANTITIES SHOWN ARE THOSE  
REQUIRED FOR R. H. & L. H. SIDES OF  
MACHINE

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	
1	2S7603	DRUM-----	2	
2	3P6318	FLANGE-----	2	
3	3P7236	GASKET-----	2	
4	3F1953	DOWEL-----	6	
5	L1026	PLUG-----	6	
6	5P9176	BEARING-----	4	
7	9P418	CAGE-----	2	
8	5P9177	RACE-----	4	
9	3H4174	DOWEL-----	2	
C	10	8P5685	CASE-----	1
	10	8P5686	CASE-----	1
	10	2B7557	CORK-----	6
	10	2B8162	DOWEL-----	6
C	11	8P4539	PINION----- (11 teeth)	2
	12	5P5066	RACE AND ROLLER ASSEM.-----	2
	13	5P5067	RACE-----	2
C	14	8P4538	GEAR----- (35 teeth)	2
	15	1S4974	SEAL-----	2

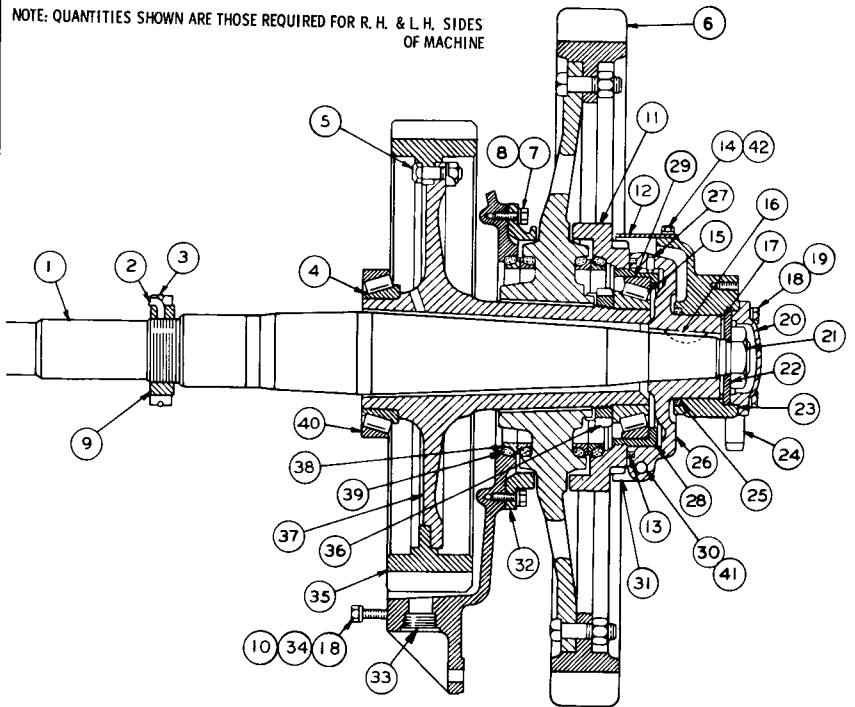
	16	6V1013	BEARING-----	2
	17	6V1014	RACE-----	2
	18	5M7383	CAGE-----	2
	19	S1585	BOLT-----	12
	19	3H7654	WASHER-----	12
	20	5P7143	SEAL GROUP-----	2
			(Each Includes)	
	21	5P7144	SEAL----- (rubber)	2
	22	S1589	BOLT-----	24
C	22	5P8247	WASHER-----	24
	23	S1583	BOLT-----	4
	24	7G6986	LOCK-----	2
	25	6V530	NUT-----	2
	26	5P8248	WASHER-----	4
	27	2P3421	RETAINER-----	2
C	28	8P4537	PINION----- (9 teeth)	2
C	29	4B9784	BALL-----	2

C INDICATES CHANGE

228463

3P1436 FINAL DRIVE GROUP—Upper Half  
Serial No. 14X1950—Up

NOTE: QUANTITIES SHOWN ARE THOSE REQUIRED FOR R. H. & L. H. SIDES OF MACHINE



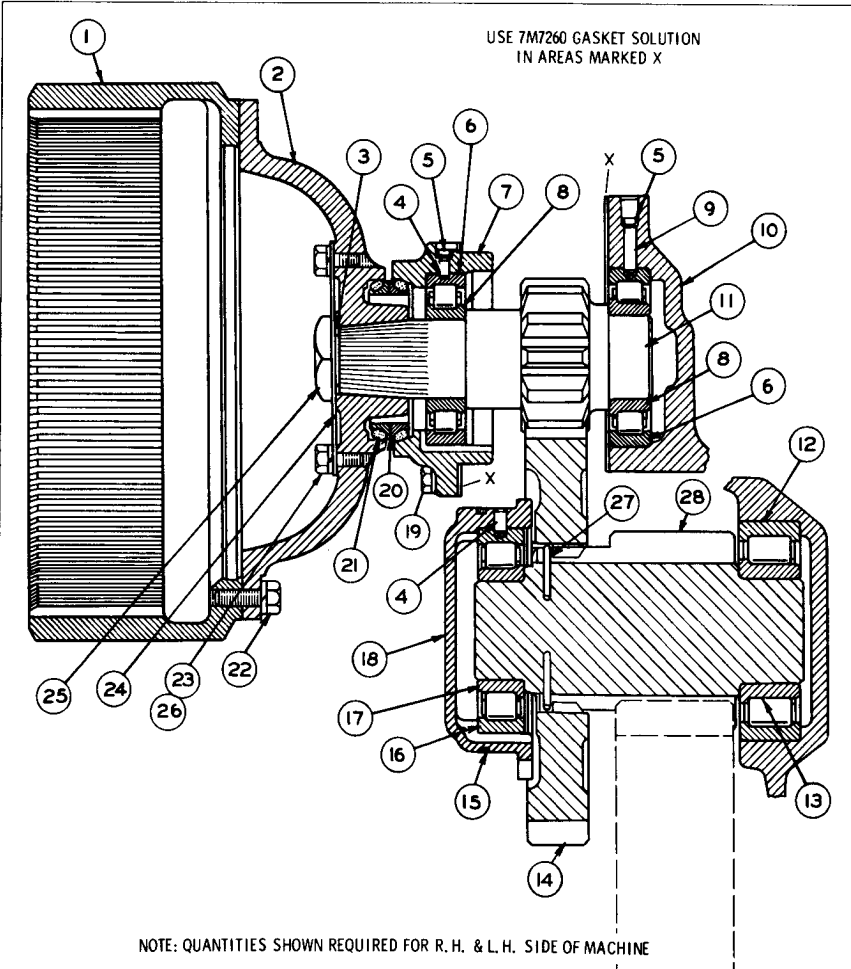
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5M6670	SHAFT-----	2
2	2B7906	PIN-----	2
3	2B8091	RING-----	2
4	9M2744	CONE-----	2
C 5	3B4490	BOLT-----	54
C 5	2K4821	NUT-----	54
C 5	2S8415	WASHER-----	54
6	8P8171	SPROCKET GROUP----- (Separate Illustration)	2
7	S1594	BOLT-----	20
8	5M2894	WASHER-----	20
9	5M2130	NUT-----	2
10	2M849	WASHER-----	64
11	8P621	NUT-----	2
12	3S771	GUARD-----	2
13	6P7639	GASKET-----	2
C 14	L1351	BOLT-----	8
15	1L7518	CONE-----	2
16	1B8742	KEY-----	2
17	6B4823	WASHER-----	6
C 18	S1585	BOLT-----3, 81 cm(1, 50 in.) long	64
C 19	5P8245	WASHER-----	8
20	4S8958	CAP-----	2
	4S9065	GASKET-----	2
21	1A7486	NUT-----	2
	6B4809	LOCK-----	2
	6B4936	WASHER ASSEM.----- (Each Includes)	2
22	2H1190	DOWEL-----	1

23	3S777	BEARING-----	2
24	2M122	DOWEL-----	4
25	6H1309	RING-----	2
	9P3436	HOLDER ASSEM.----- (Each Includes)	2
26	4F2954	PIN-----	2
27	8B1312	DOWEL-----	1
28	7G6681	CAGE ASSEM.----- (Each Includes)	2
29	6B4370	CUP-----	1
30	6F7024	BOLT-----	2
	1B4206	NUT-----	2
31	3P3623	LOCK-----	2
32	9G5845	GUARD-----	2
33	3S9182	PLUG-----	2
34	1B2886	BOLT-----9, 52 cm(3, 75 in.) long	8
C 35	8P4278	GEAR----- (46 teeth)	2
	9S9649	NUT-----	2
36	9S9648	LOCK-----	2
C 37	9G383	HUB-----	2
38	8P1252	SEAL GROUP----- (Each Includes)	4
	1M9011	SEAL----- (rubber)	2
40	1M6573	CUP-----	2
C 41	5P8247	WASHER-----	2
C 42	5P1075	WASHER-----	8

C INDICATES CHANGE

228464

3P1436 FINAL DRIVE GROUP—Lower Half  
Serial No. 14X1950—Up  
8P8171 Sprocket Parts are shown on Page 114



USE 7M7260 GASKET SOLUTION  
IN AREAS MARKED X

NOTE: QUANTITIES SHOWN REQUIRED FOR R. H. & L. H. SIDE OF MACHINE

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	2S7603	DRUM-----	2
2	3P6318	FLANGE-----	2
3	3P7236	GASKET-----	2
4	3F1953	DOWEL-----	6
5	L1026	PLUG-----	6
6	6B5163	RACE AND ROLLER ASSEM.-----	4
7	9P418	CAGE-----	2
8	2P2810	RACE-----	4
9	3H4174	DOWEL-----	2
10	3S2485	CASE----- (Right Hand)	1
	3S2486	CASE----- (Left Hand)	1
	2B7557	CORK-----	6
	1A5919	DOWEL-----	6
11	5S192	PINION----- (12 Teeth)	2
12	5P5066	BEARING-----	2

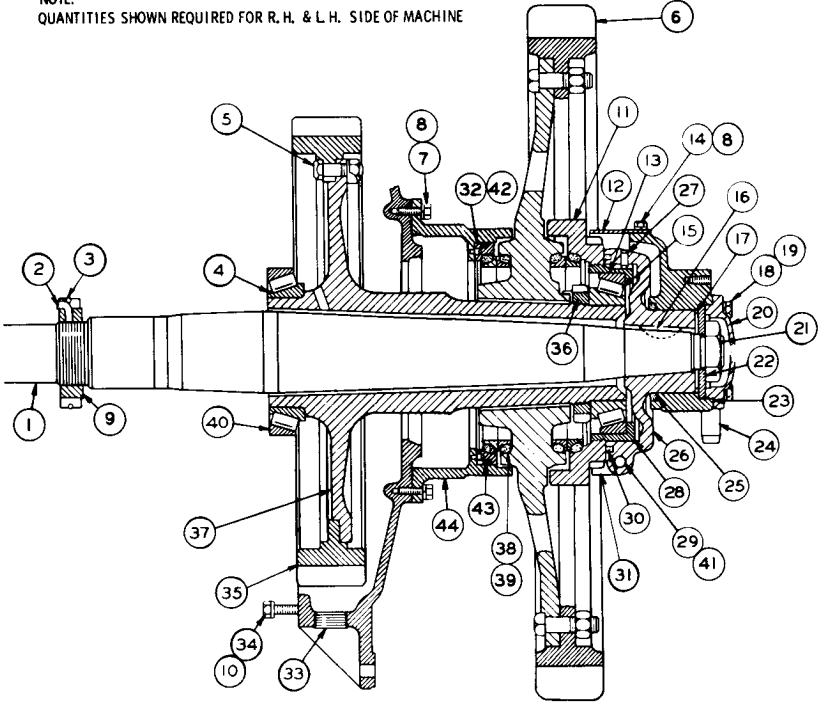
13	5P5067	RACE-----	2
14	2P3422	GEAR----- (38 teeth)	2
15	1S4974	SEAL-----	2
16	6B5067	RACE AND ROLLER ASSEM.-----	2
17	9S8669	RACE-----	2
18	5M7383	CAGE-----	2
19	S1585	BOLT-----	12
19	3H7654	WASHER-----	12
20	5P7143	SEAL GROUP-----	2
21	5P7144	SEAL----- (rubber)	2
22	S1589	BOLT-----	24
22	3B4510	LOCKWASHER-----	24
23	7H2069	BOLT-----	4
24	3P6317	LOCK-----	2
25	2J5815	NUT-----	2
26	3B4512	LOCKWASHER-----	4
27	2P3421	RETAINER-----	2
28	2P3423	PINION----- (10 teeth)	2

C INDICATES CHANGE

213283

6P7855 FINAL DRIVE GROUP—Upper Half  
Part of 9P5233 Wide Gauge Track Loader Arrangement listed on Page 143  
AN ATTACHMENT

NOTE:  
QUANTITIES SHOWN REQUIRED FOR R. H. & L. H. SIDE OF MACHINE



REF NO.	PART NUMBER	DESCRIPTION	QTY
1	6P7870	SHAFT-----	2
2	2B7906	PIN-----	2
3	2B8091	RING-----	3
4	9M2744	CONE-----	2
	3B4990	BOLT-----	36
5	2K4821	NUT-----	36
	2S8415	WASHER-----	36
6	8P8171	SPROCKET GROUP----- (Separate Illustration)	2
7	51588	BOLT-----	20
8	3B4506	LOCKWASHER-----	28
9	8H3325	NUT-----	2
10	2M849	WASHER-----	64
11	8P621	NUT-----	2
12	3S771	GUARD-----	2
13	6B4370	CUP-----	2
14	5509	BOLT-----	8
15	1L7518	CONE-----	2
16	1B8742	KEY-----	2
17	6B4823	SHIM-----	6
18	7B3235	BOLT-----	8
19	3B4508	LOCKWASHER-----	8
20	4S8958	CAP-----	2
	4S9065	GASKET-----	2
21	1A7486	NUT-----	2
	6B4809	LOCK-----	2
	6B4936	WASHER ASSEM.----- (Each Includes)	2
22	2H1190	DOWEL-----	1

23	3S777	BEARING-----	2
24	2M122	DOWEL-----	4
25	2P3394	RING-----	2
	9P3436	HOLDER ASSEM.----- (Each Includes)	2
26	4F2954	PIN-----	2
27	L2061	DOWEL-----	1
28	3S775	CAGE-----	2
29	6F7024	BOLT-----	2
	1B4206	NUT-----	2
30	6P7639	GASKET-----	2
31	3P3623	LOCK-----	2
32	7S8183	RETAINER-----	2
33	5S4017	PLUG-----	2
34	51585	BOLT-----3.81 cm(1.50 in.) long	56
	1B2886	BOLT-----9.52 cm(3.75 in.) long	8
35	1P1897	GEAR----- (51 teeth)	2
	9S9649	NUT-----	2
	9S9648	LOCK-----	2
37	6P6483	HUB ASSEM.-----	2
38	8P1252	SEAL GROUP----- (Each Includes)	4
39	1M9011	SEAL----- (rubber)	2
40	1M6573	CUP-----	2
41	3B4510	LOCKWASHER-----	2
42	7M5060	PIN-----	3
43	8F8861	SEAL-----	2
44	6P6484	SPACER ASSEM.-----	2

C INDICATES CHANGE

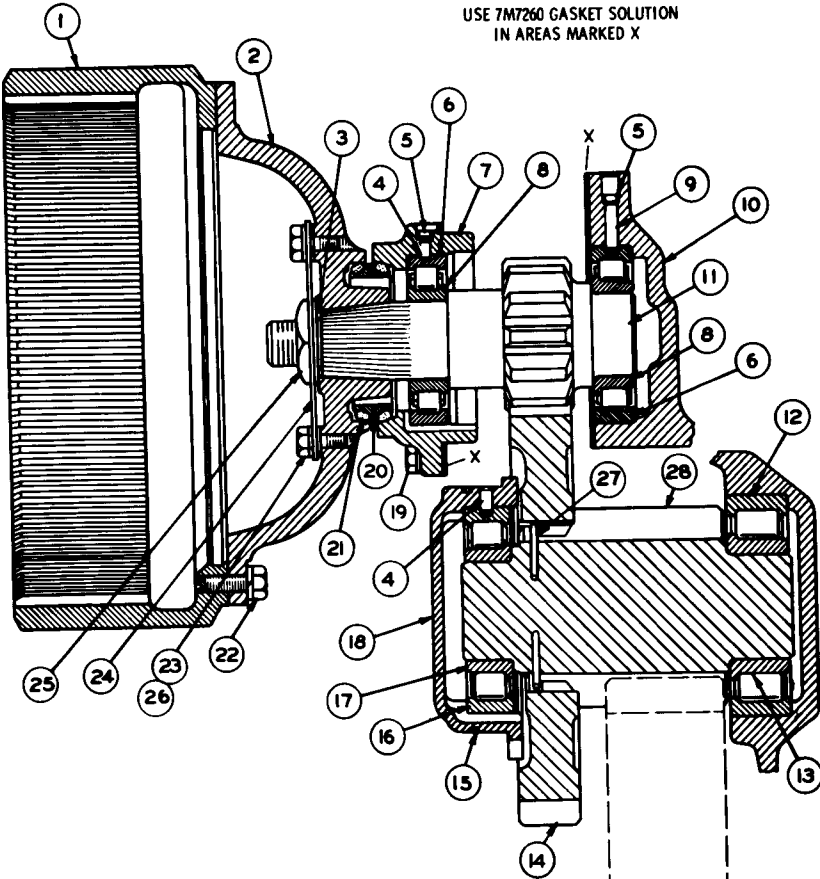
213284

6P7855 FINAL DRIVE GROUP—Lower Half  
Part of 9P5233 Wide Gauge Track Loader Arrangement listed on Page 143  
8P8171 Sprocket parts are shown on Page 114  
AN ATTACHMENT



CATERPILLAR 977L TRACK LOADER

USE 7M7260 GASKET SOLUTION  
IN AREAS MARKED X



NOTE: QUANTITIES SHOWN REQUIRED FOR R. H. & L. H. SIDE OF MACHINE

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	2S7603	DRUM	2
2	3P6318	FLANGE	2
3	3P7236	GASKET	2
4	3F1953	DOWEL	6
5	L1026	PLUG	6
C 6	5P9176	RACE AND ROLLER ASSEM.	4
7	9P418	CAGE	2
C 8	5P9177	RACE	4
9	3H4174	DOWEL	2
	3S2485	CASE (Right Hand)	1
	3S2486	CASE (Left Hand)	1
10	2B7557	CORK	6
	1A5919	DOWEL	6
C 11	7G5323	PINION (12 Teeth)	2
12	5P5066	BEARING	2

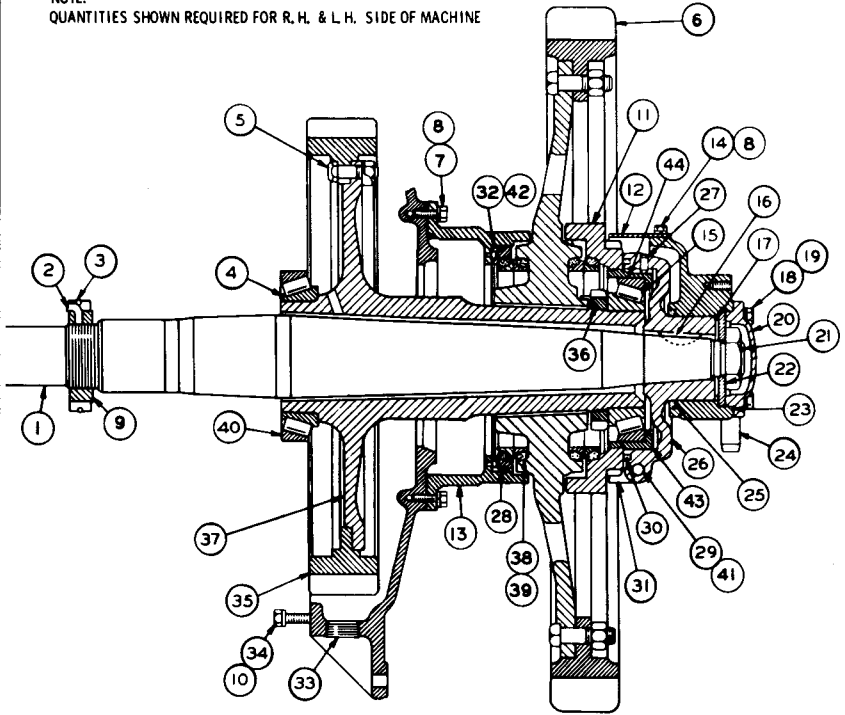
13	5P5067	RACE	2
14	2P3422	GEAR (38 teeth)	2
15	1S4974	SEAL	2
16	6B5067	RACE AND ROLLER ASSEM.	2
17	9S8669	RACE	2
18	5M7383	CAGE	2
19	S1585	BOLT	12
	3H7654	WASHER	12
20	5P7143	SEAL GROUP	2
21	5P7144	SEAL (rubber)	2
22	S1589	BOLT	24
	3B4510	LOCKWASHER	24
C 23	S1583	BOLT	4
C 24	7G6986	LOCK	2
C 25	6V530	NUT	2
C 26	5P8248	WASHER	8
27	2P3421	RETAINER	2
28	2P3423	PINION (10 teeth)	2

C INDICATES CHANGE

172779

6P7855 FINAL DRIVE GROUP—Upper Half—Type 2  
Part of 9P5233 Wide Gauge Track Loader Arrangement listed on Page 143  
AN ATTACHMENT

NOTE:  
QUANTITIES SHOWN REQUIRED FOR R. H. & L. H. SIDE OF MACHINE



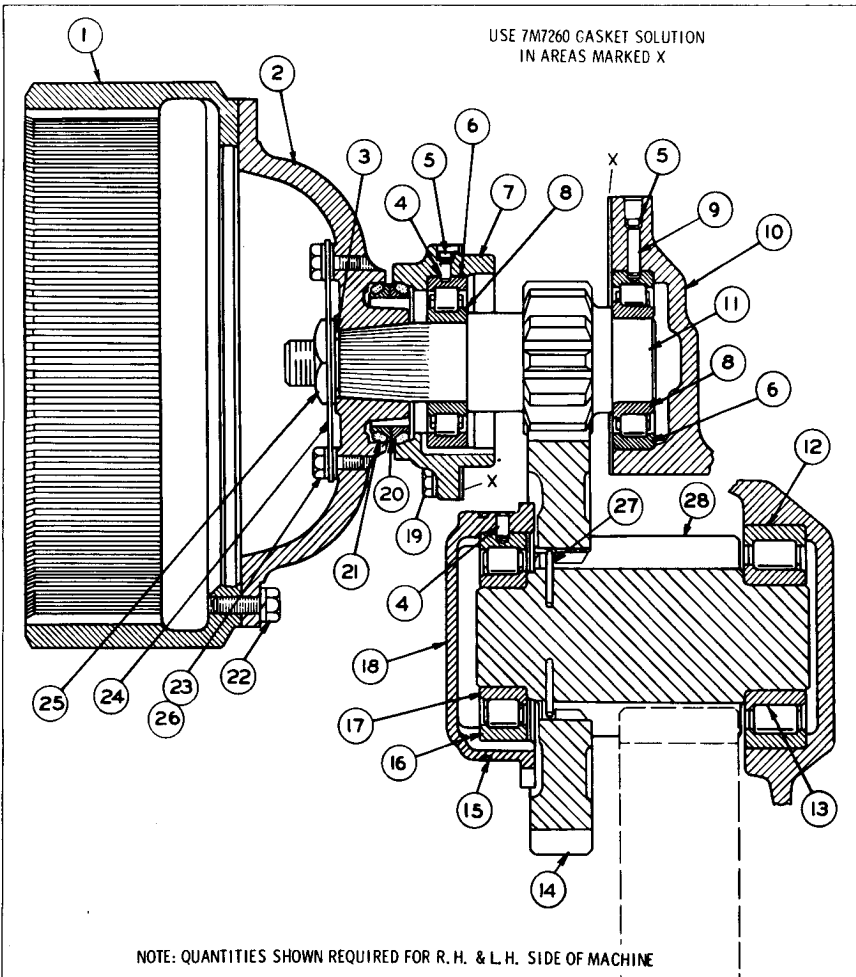
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	6P7870	SHAFT-----	2
2	2B7906	PIN-----	2
3	2B8091	RING-----	3
4	9M2744	CONE-----	2
5	3B4990	BOLT-----	36
5	2K4821	NUT-----	36
5	2S8415	WASHER-----	36
6	8P8171	SPROCKET GROUP----- (Separate Illustration)	2
7	S1588	BOLT-----	20
8	3B4506	LOCKWASHER-----	28
9	8H3325	NUT-----	2
10	2M849	WASHER-----	64
11	8P621	NUT-----	2
12	3S771	GUARD-----	2
13	6P6484	SPACER ASSEM-----	2
14	S509	BOLT-----	2
15	1L7518	CONE-----	2
16	1B8742	KEY-----	2
17	6B4823	SHIM-----	6
18	7B3235	BOLT-----	8
19	3B4508	LOCKWASHER-----	8
20	4S8958	CAP-----	2
20	4S9065	GASKET-----	2
21	1A7486	NUT-----	2
21	6B4809	LOCK-----	2
21	6B4936	WASHER ASSEM----- (Each Includes)	2
22	2H1190	DOWEL-----	1

23	3S777	BEARING-----	2
24	2M122	DOWEL-----	2
C 25	6H1309	RING-----	4
25	9P3436	HOLDER ASSEM----- (Each Includes)	2
26	4F2954	PIN-----	2
C 27	8B1312	DOWEL-----	1
28	8F8861	SEAL-----	2
29	6F7024	BOLT-----	2
29	1B4206	NUT-----	2
30	6P7639	GASKET-----	2
31	3P3623	LOCK-----	2
32	7S8183	RETAINER-----	2
33	5S4017	PLUG-----	2
34	S1585	BOLT-----3.81 cm(1.50 in.) long	56
34	1B2886	BOLT-----9.52 cm(3.75 in.) long	8
35	1P1897	GEAR----- (51 teeth)	2
36	9S9649	NUT-----	2
36	9S9648	LOCK-----	2
37	6P6483	HUB ASSEM-----	2
38	8P1252	SEAL GROUP----- (Each Includes)	4
39	1M9011	SEAL----- (rubber)-----	2
40	1M6573	CUP-----	2
41	3B4510	LOCKWASHER-----	2
42	7M5060	PIN-----	3
C 43	7G6681	CAGE ASSEM----- (Each Includes)	2
44	6B4370	CUP-----	1

C INDICATES CHANGE

172780

6P7855 FINAL DRIVE GROUP—Lower Half—Type 2  
Part of 9P5233 Wide Gauge Track Loader Arrangement listed on Page 143  
8P8171 Sprocket parts are shown on Page 114. AN ATTACHMENT



NOTE: QUANTITIES SHOWN REQUIRED FOR R. H. & L. H. SIDE OF MACHINE

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	2S7603	DRUM	2
2	3P6318	FLANGE	2
3	3P7236	GASKET	2
4	3F1953	DOWEL	6
5	L1026	PLUG	6
6	5P9176	RACE AND ROLLER ASSEM.	4
7	9P418	CAGE	2
8	5P9177	RACE	4
9	3H4174	DOWEL	2
	3S2485	CASE (Right Hand)	1
	3S2486	CASE (Left Hand)	1
10	2B7557	CORK	6
	1A5919	DOWEL	6
11	7G5323	PINION (12 Teeth)	2
12	5P5066	BEARING	2

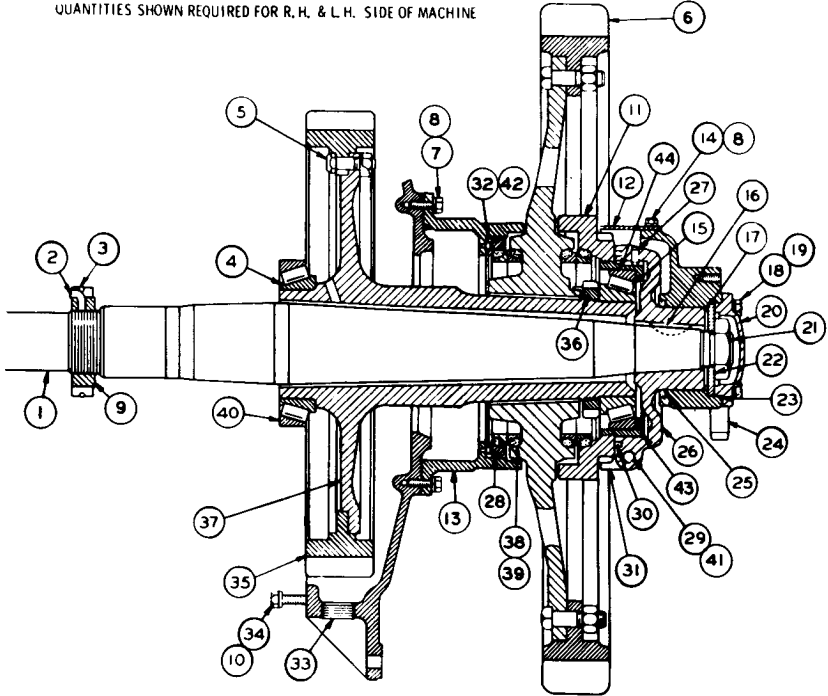
13	5P5067	RACE	2
14	2P3422	GEAR (38 teeth)	2
15	1S4974	SEAL	2
C 16	6V1013	BEARING	2
C 17	6V1014	RACE	2
18	5M7383	CAGE	2
	S1585	BOLT	12
19	3H7654	WASHER	12
20	5P7143	SEAL GROUP	2
21	5P7144	SEAL (rubber)	2
	S1589	BOLT	24
22	3B4510	LOCKWASHER	24
23	S1583	BOLT	4
24	7G6986	LOCK	2
25	6V530	NUT	2
26	5P8248	WASHER	4
27	2P3421	RETAINER	2
28	2P3423	PINION (10 teeth)	2

C INDICATES CHANGE

173141

6P7855 FINAL DRIVE GROUP—Upper Half—Type 3  
 Part of 9P5233 Wide Gauge Track Loader Arrangement listed on Page 143  
 AN ATTACHMENT

NOTE:  
QUANTITIES SHOWN REQUIRED FOR R. H. & L. H. SIDE OF MACHINE

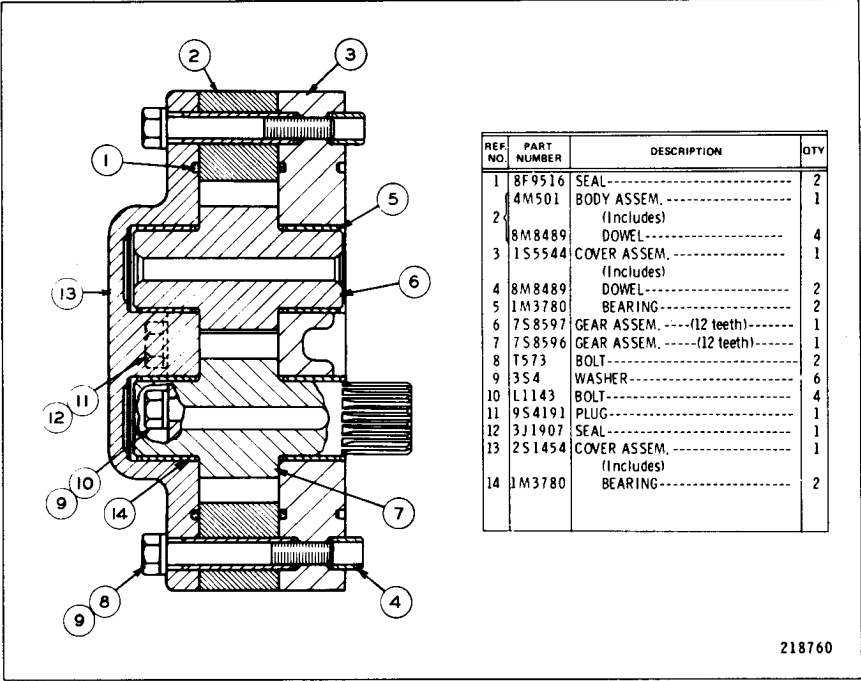


REF NO.	PART NUMBER	DESCRIPTION	QTY
1	6P7870	SHAFT-----	2
2	2B7906	PIN-----	2
3	2B8091	RING-----	3
4	9M2744	CONE-----	2
	3B4990	BOLT-----	36
5	2K4821	NUT-----	36
	2S8415	WASHER-----	36
6	8P8171	SPROCKET GROUP-----	2
		(Separate Illustration)	
7	S1588	BOLT-----	20
8	3B4506	LOCKWASHER-----	28
9	8H3325	NUT-----	2
10	2M849	WASHER-----	64
11	8P621	NUT-----	2
12	3S771	GUARD-----	2
13	6P6484	SPACER ASSEM.-----	2
14	S509	BOLT-----	8
15	1L7518	CONE-----	2
16	1B8742	KEY-----	2
17	6B4823	SHIM-----	6
18	7B3235	BOLT-----	8
19	3B4508	LOCKWASHER-----	8
	4S8958	CAP-----	2
20	4S9065	GASKET-----	2
	1A7486	NUT-----	2
21	6B4809	LOCK-----	2
	6B4936	WASHER ASSEM.-----	2
		(Each Includes)	
22	2H1190	DOWEL-----	1

23	3S777	BEARING-----	2
24	2M122	DOWEL-----	4
25	6H1309	RING-----	2
	9P3436	HOLDER ASSEM.-----	2
		(Each Includes)	
26	4F2954	PIN-----	2
27	8B1312	DOWEL-----	1
28	8F8861	SEAL-----	2
29	6F7024	BOLT-----	2
	1B4206	NUT-----	2
30	6P7639	GASKET-----	2
31	3P3623	LOCK-----	2
32	7S8183	RETAINER-----	2
33	5S4017	PLUG-----	2
34	S1585	BOLT-----3.81 cm(1.50 in.) long	56
	1B2886	BOLT-----9.52 cm(3.75 in.) long	8
35	1P1897	GEAR----- (51 teeth)	2
36	9S9649	NUT-----	2
	9S9648	LOCK-----	2
37	6P6483	HUB ASSEM.-----	2
38	8P1252	SEAL GROUP-----	4
		(Each Includes)	
39	1M9011	SEAL----- (rubber)	2
40	1M6573	CUP-----	2
41	3B4510	LOCKWASHER-----	2
42	7M5060	PIN-----	3
43	7G6681	CAGE ASSEM.-----	2
		(Each Includes)	
44	6B4370	CUP-----	1

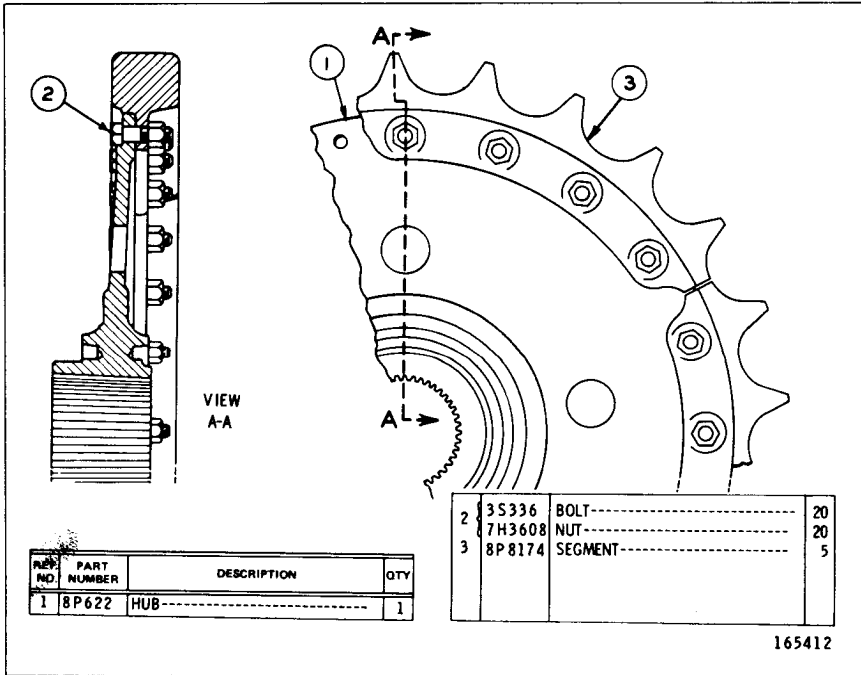
173142

6P7855 FINAL DRIVE GROUP—Lower Half—Type 3  
Part of 9P5233 Wide Gauge Track Loader Arrangement listed on Page 143  
8P8171 Sprocket parts are shown on Page 114. AN ATTACHMENT



218760

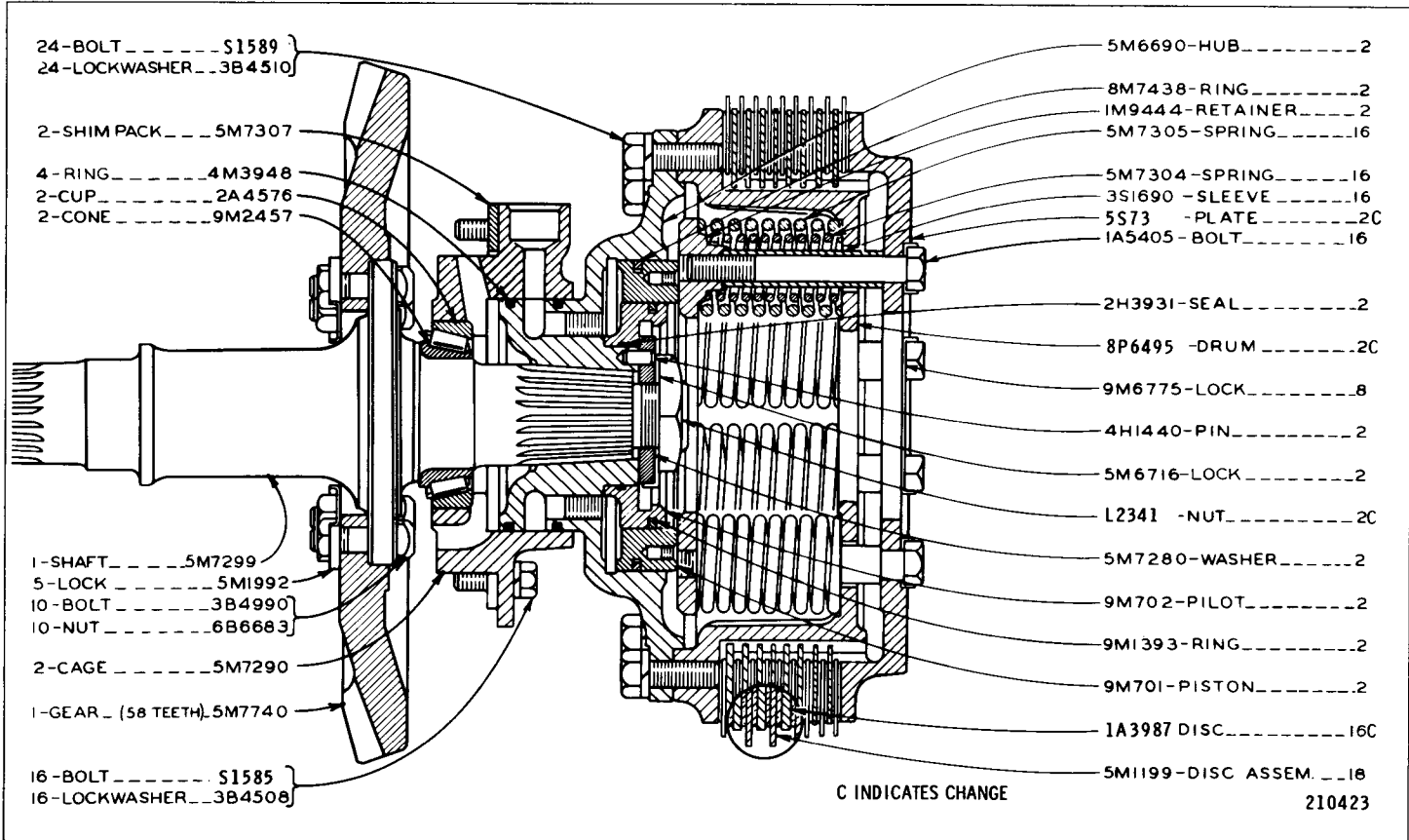
7G5301 GEAR PUMP GROUP—Basic—1 Section  
Part of 8P7765 Power Train Oil Lines Group shown on Page 106



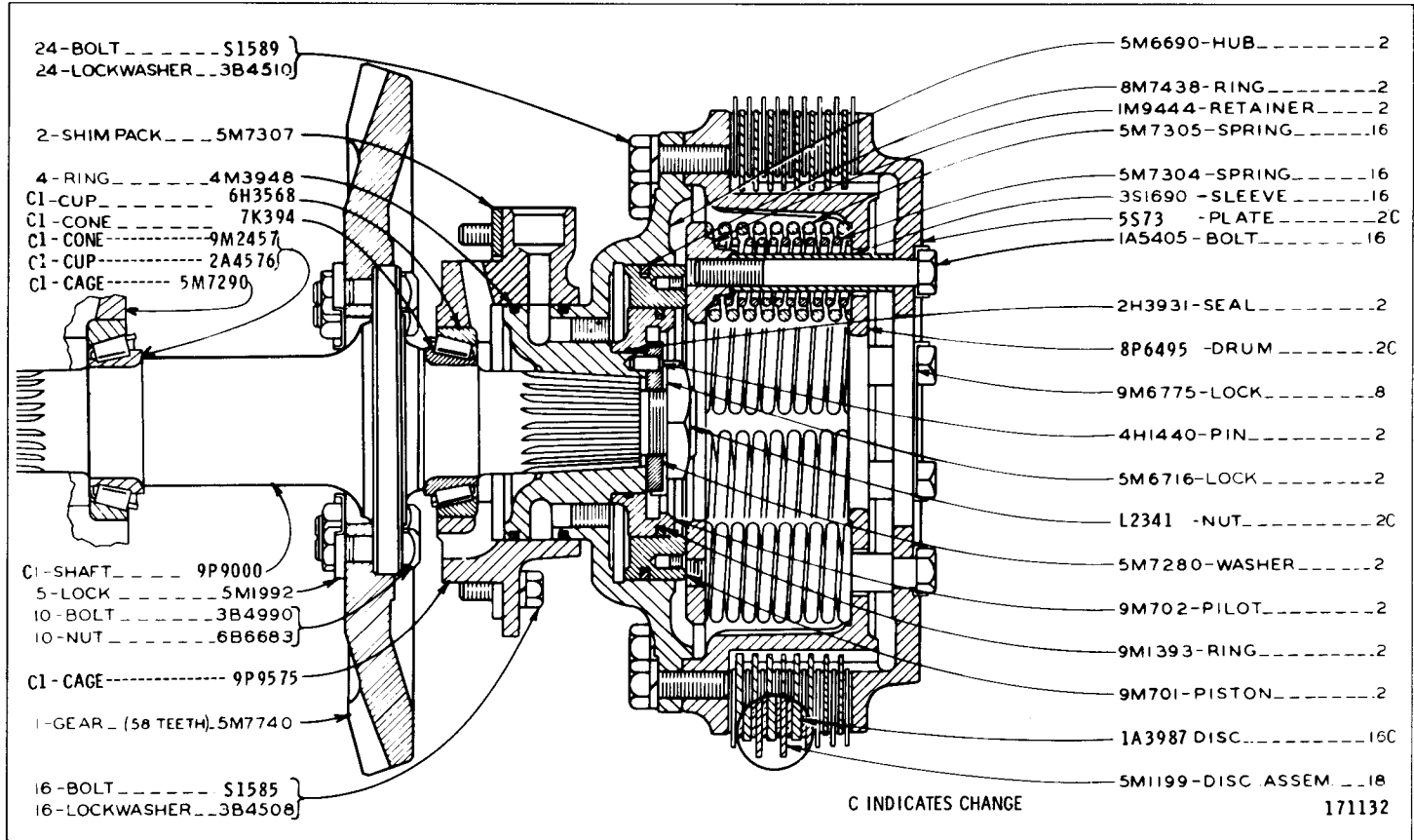
165412

8P8171 SEGMENTED SPROCKET GROUP  
Part of 3P1436 and 6P7855 Final Drive Groups shown on Pages 111 and 113

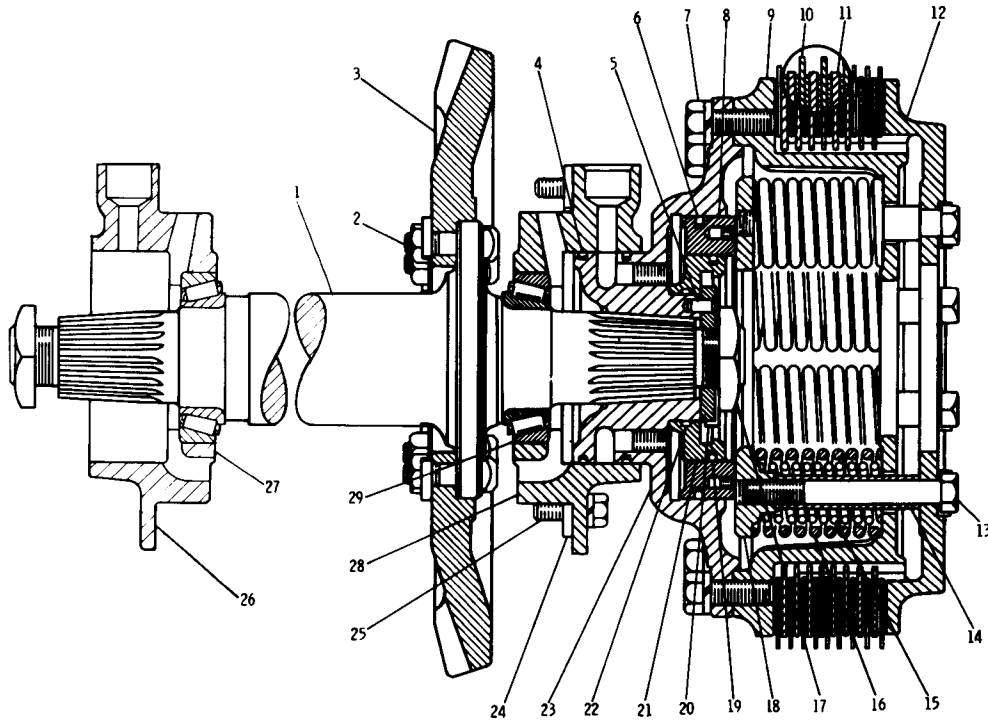
1S1713 STEERING CLUTCH GROUP  
 Serial No. 14X1 to 14X866 inclusive



1S1713 STEERING CLUTCH GROUP  
Serial No. 14X867—Up



STEERING CLUTCHES AND BRAKES



REF NO	PART NUMBER	DESCRIPTION	QTY
C 1	9P9000	SHAFT-----	1
	3B4990	BOLT-----	10
2	6B6683	NUT-----	10
	5M1992	LOCK-----	5
3	5M7740	GEAR-----(-58 teeth)	1
4	4M3948	RING-----	4
5	4H1440	PIN-----	2
6	8M7438	RING-----	2
	S1589	BOLT-----	24
7	3B4510	LOCKWASHER-----	24
8	9M701	PISTON-----	2
9	8P6495	DRUM-----	2
10	5S71	DISC ASSEM.-----	18
11	1A3987	DISC-----	16
12	5S73	PLATE-----	2
	1A5405	BOLT-----	16
13	9M6775	LOCK-----	8
14	3S1690	SLEEVE-----	16
15	5M7304	SPRING----- (inner)	16
16	5M7305	SPRING----- (outer)	16
17	L2341	NUT-----	2
18	1M9444	RETAINER-----	2
19	9M1393	RING-----	2
20	5M6716	LOCK-----	2
	5M7280	WASHER-----	2
21	9M702	PILOT-----	2
22	2H3931	SEAL-----	2
23	5M6690	HUB-----	2
24	5M7307	SHIM PACK-----	2
25	S1585	BOLT-----	16
	3B4508	LOCKWASHER-----	16
C 26	5M7290	CAGE-----	1
C 27	2A4576	CUP-----	1
C 28	9M2457	CONE-----	1
C 28	9P9575	CAGE-----	1
C 28	6H3568	CUP-----	1
C 29	7K394	CONE-----	1

C INDICATES CHANGE

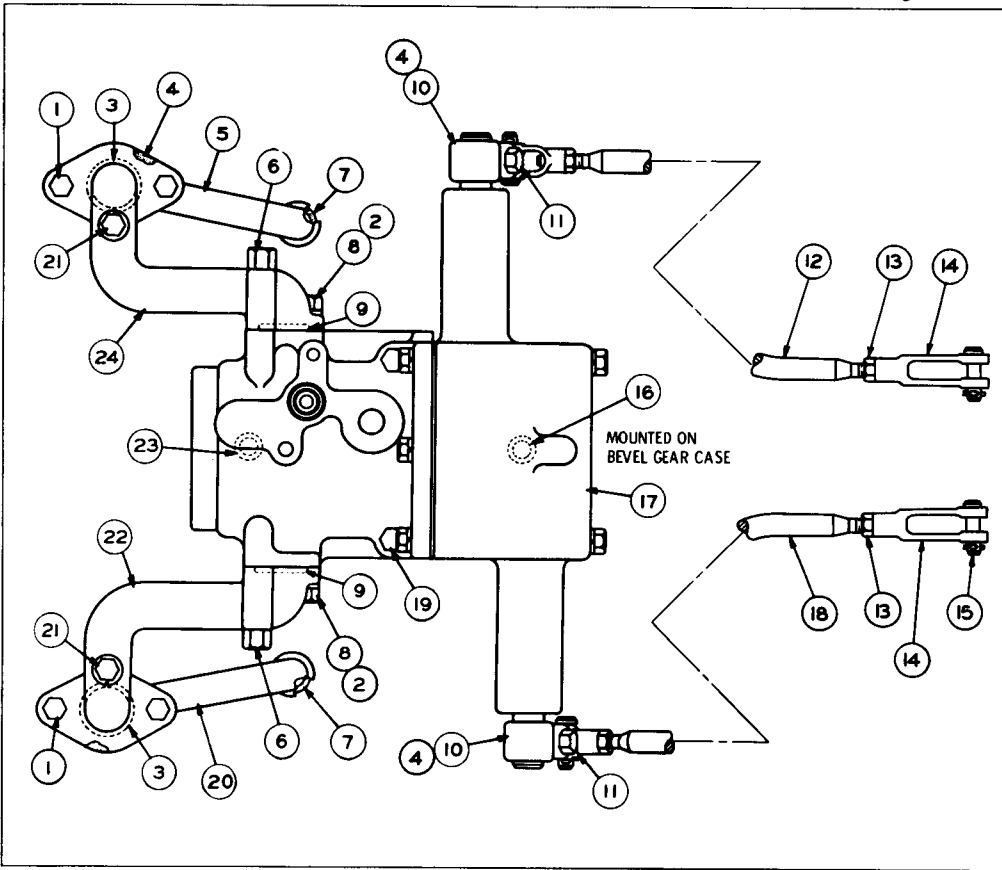
218300

## 6P7852 STEERING CLUTCH GROUP

Part of 9P5233 Wide Gauge Track Loader Arrangement listed on Page 143  
AN ATTACHMENT



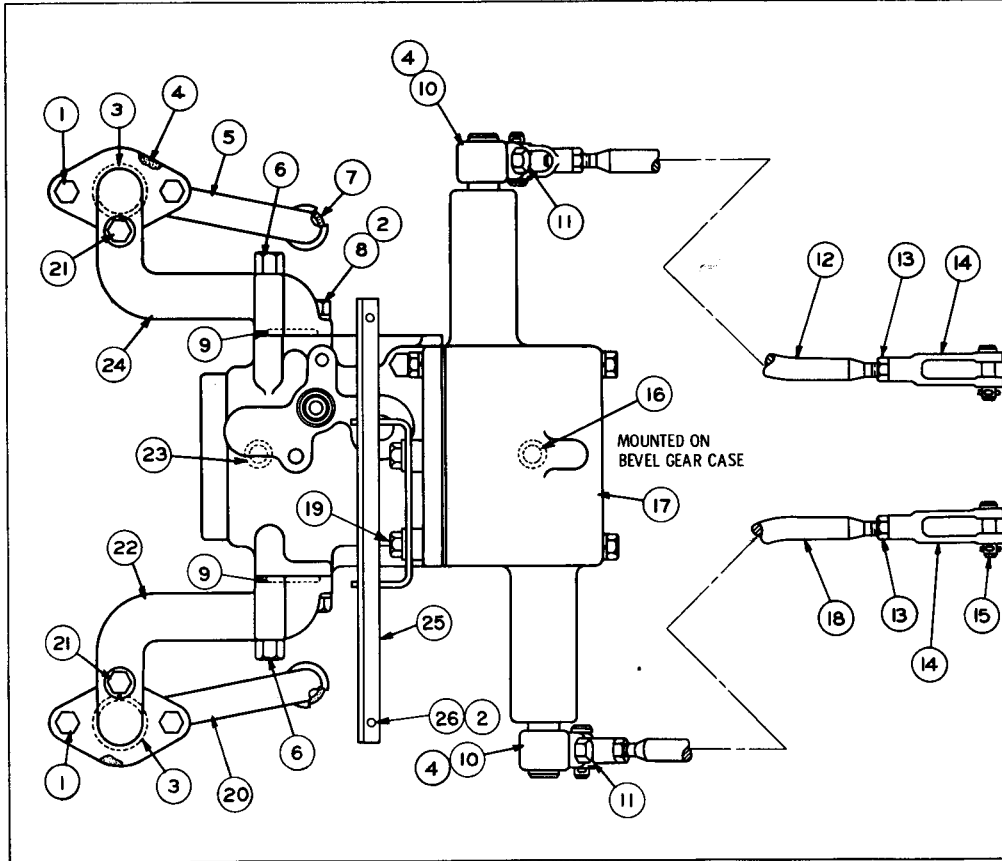
8P7763 STEERING CLUTCH CONTROL GROUP  
 Serial No. 14X1 to 14X1840 inclusive  
 2P4040 Control Valve parts are shown on Page 118



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	2A4639	BOLT-----	4
2	5M2894	WASHER-----	2
3	8M4987	SEAL-----	2
4	7M7260	GASKET SOLUTION-----	
5	2S4302	TUBE ASSEM.-----	1
6	S1590	BOLT-----	2
7	8M4446	SEAL-----	2
8	S1594	BOLT-----	2
9	8M4445	SEAL-----	2
10	3S1614	LEVER-----	2
11	1B8706	KEY-----	2
12	S1588	BOLT-----	2
13	8P8518	ROD ASSEM.-----	1
14		(Includes)	
15	1B4203	NUT-----	1
16	1M1341	END-----	1
17	1B4203	NUT-----	2
18	1A9252	END-----	2
19	1B676	PIN-----	4
20	3B4615	COTTER PIN-----	4
21	8M4990	SEAL-----	1
22	2P4040	VALVE GROUP-----	1
23		(Separate Illustration)	
24	8P8516	ROD ASSEM.-----	1
25		(Includes)	
26	1B4203	NUT-----	1
27	1M1341	END-----	1
28	L2070	BOLT-----	2
29	2S4301	TUBE ASSEM.-----	1
30	5M6214	PLUG-----	2
31	3P6187	ELBOW-----	1
32	1S4	SEAL-----	1
33	3P6188	ELBOW-----	1

218146

8P7763 STEERING CLUTCH CONTROL GROUP  
 Serial No. 14X1841—Up  
 2P4040 Control Valve parts are shown on Page 118



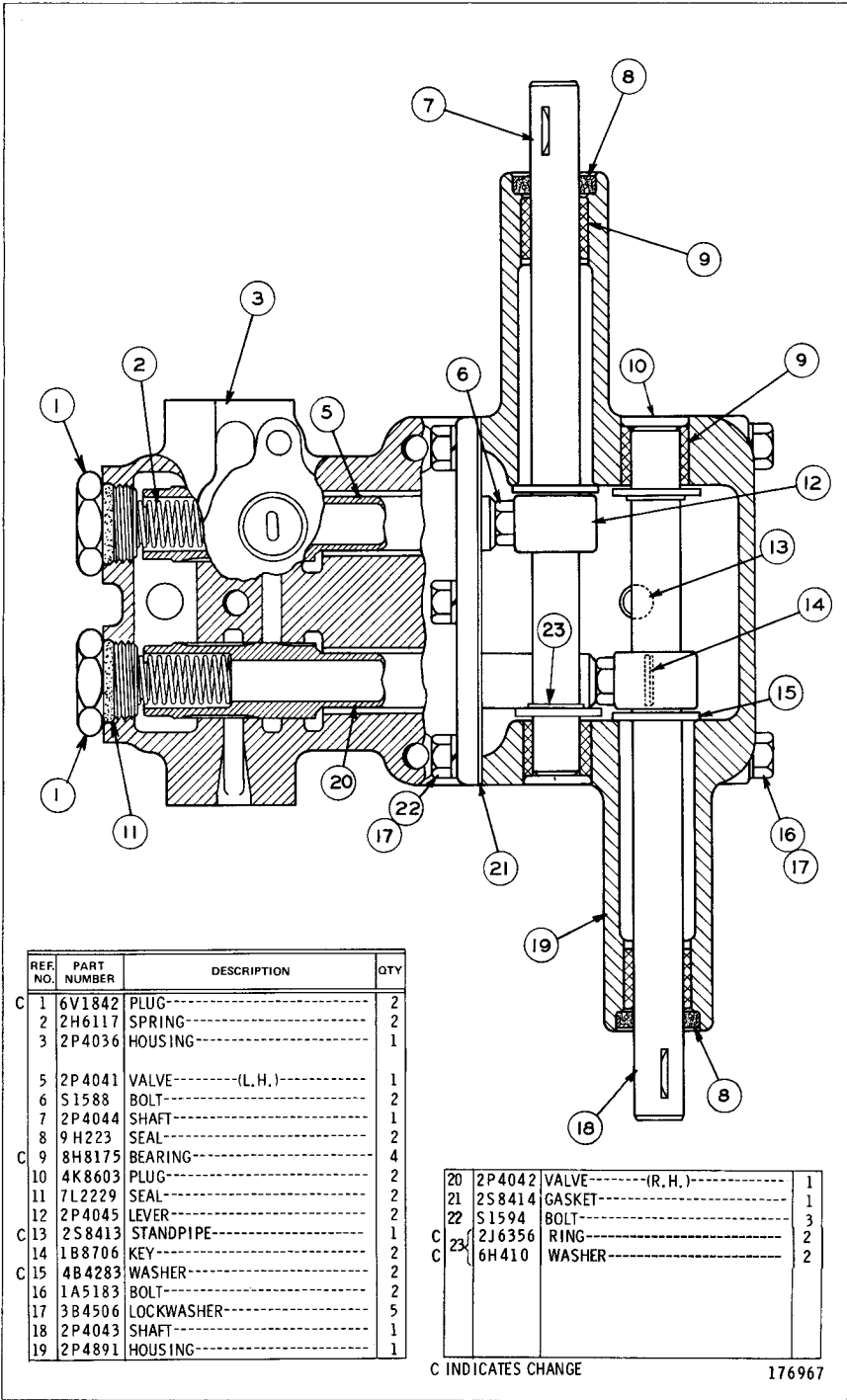
REF NO.	PART NUMBER	DESCRIPTION	QTY.
C 1	2A4639	BOLT-----	4
2	5M2894	WASHER-----	4
3	8M4987	SEAL-----	2
4	7M7260	GASKET SOLUTION-----	
5	2S4302	TUBE ASSEM.-----	1
6	S1590	BOLT-----	2
7	8M4446	SEAL-----	2
8	S1594	BOLT-----	2
9	8M4445	SEAL-----	2
10	3S1614	LEVER-----	2
	1B8706	KEY-----	2
11	S1588	BOLT-----	2
	8P2518	ROD ASSEM.-----	1
		(Includes)	
12	1B4203	NUT-----	1
	1M1341	END-----	1
13	1B4302	NUT-----	2
14	1A9252	END-----	2
15	1B676	PIN-----	4
	3B4615	COTTER PIN-----	4
16	8M4990	SEAL-----	1
17	2P4040	VALVE GROUP-----	1
		(Separate Illustration)	
	8P8516	ROD ASSEM.-----	1
		(Includes)	
18	1B4203	NUT-----	1
	1M1341	END-----	1
19	L2070	BOLT-----	2
20	2S4301	TUBE ASSEM.-----	1
21	5M6214	PLUG-----	2
22	3P6187	ELBOW-----	1
23	1S4	SEAL-----	1
24	3P6188	ELBOW-----	1
C 25	9G2743	PLATE ASSEM.-----	1
C 26	3B1915	BOLT-----	2

C INDICATES CHANGE

176615

STEERING CLUTCHES AND BRAKES

117B



REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	6V1842	PLUG-----	2
2	2H6117	SPRING-----	2
3	2P4036	HOUSING-----	1
5	2P4041	VALVE----- (L.H.)-----	1
6	S1588	BOLT-----	2
7	2P4044	SHAFT-----	1
8	9H223	SEAL-----	2
C 9	8H8175	BEARING-----	4
10	4K8603	PLUG-----	2
11	7L2229	SEAL-----	2
12	2P4045	LEVER-----	2
C 13	2S8413	STANDPIPE-----	1
14	1B8706	KEY-----	2
C 15	4B4283	WASHER-----	2
16	1A5183	BOLT-----	2
17	3B4506	LOCKWASHER-----	5
18	2P4043	SHAFT-----	1
19	2P4891	HOUSING-----	1

20	2P4042	VALVE----- (R.H.)-----	1
21	2S8414	GASKET-----	1
22	S1594	BOLT-----	3
C 23	2J6356	RING-----	2
C	6H410	WASHER-----	2

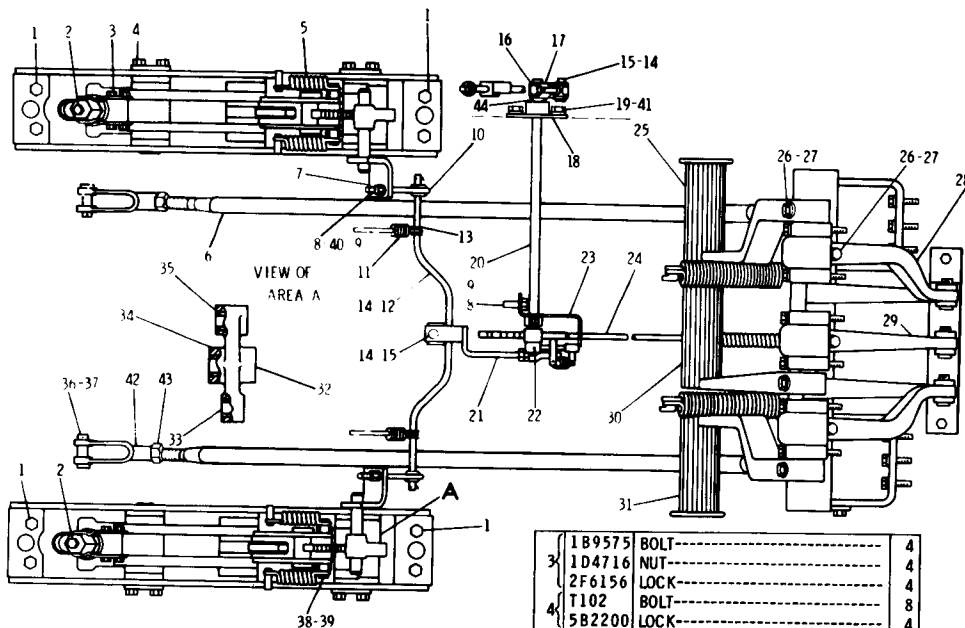
C INDICATES CHANGE

176967

2P4040 CONTROL VALVE GROUP

Part of 8P7763 Steering Clutch Control Group shown on Pages 117 and 117B

7G2182 STEERING BRAKE GROUP—Part 1 of 3  
Serial No. 14X1 to 14X1840 inclusive



REF NO	PART NUMBER	DESCRIPTION	QTY
1	4B4043	BOLT-----	8
2	1P4524	SOCKET-----	2

QUANTITIES SHOWN ARE THOSE REQUIRED FOR BOTH R. H. & L. H. SIDES

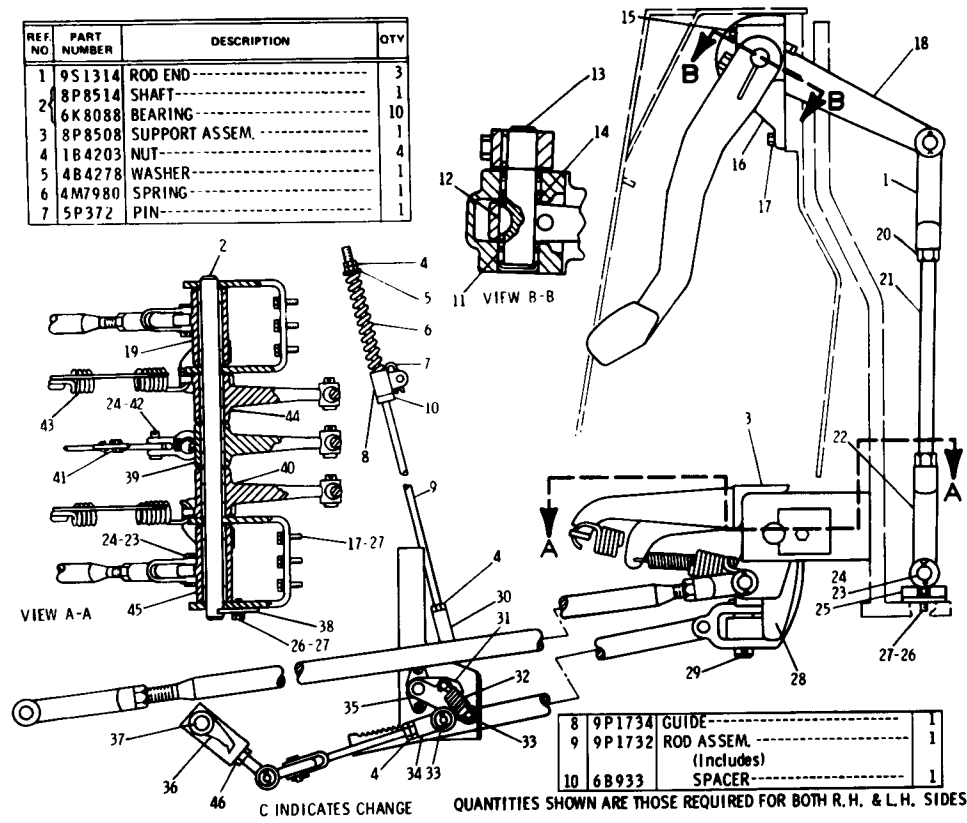
1	1B9575	BOLT-----	4
3	1D4716	NUT-----	4
3	2F6156	LOCK-----	4
4	T102	BOLT-----	8
4	5B2200	LOCK-----	4
5	1H2320	SPRING-----	4
5	7G2009	ROD ASSEM.-----	2
6		(Each Includes)	
6	1B4206	NUT-----	1
7	7G2304	LEVER ASSEM.-----	2
8	S1594	BOLT-----	2
9	5P1075	WASHER-----	4

C INDICATES CHANGE

C 10	4K4726	ROD END-----	2
C 11	3F6142	SPRING-----	2
12	7G2015	ROD ASSEM.-----	1
		(Includes)	
13	4B4278	WASHER-----	4
14	3B4615	COTTER PIN-----	4
15	1B676	PIN-----	2
16	1A2029	BOLT-----	1
17	9P1731	LEVER-----	1
17	1B8701	KEY-----	1
18	9P1919	BEARING-----	2
19	S1614	BOLT-----	4
20	9P2022	SHAFT-----	1
21	7G5135	YOKE ASSEM.-----	1
22	9F7882	PIN-----	1
23	9P1729	BRACKET ASSEM.-----	1
		(Includes)	
23	9F6445	NUT-----	2
24	8P8513	RATCHET-----	1
25	8P8267	PEDAL-----	1
26	1A1460	BOLT-----	6
27	5P8245	WASHER-----	6
28	8P7932	LEVER-----	1
29	8P7931	LEVER-----	1
30	8P8266	PEDAL-----	1
31	8P8265	PEDAL-----	1
32	7S6149	LEVER ASSEM.-----	2
		(Each Includes)	
33	7S6145	BEARING-----	1
34	7S6140	BEARING-----	2
35	7S6143	BEARING-----	2
36	9S1315	PIN-----	2
37	3B4617	COTTER PIN-----	2
38	1M424	PIN-----	2
39	3H6660	PIN-----	4
C 40	1B4203	NUT-----	2
C 41	5P537	WASHER-----	4
42	9S1314	ROD END-----	2
43	1B4206	NUT-----	2
C 44	9K4848	WASHER-----	1

222844

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	9S1314	ROD END	3
2	8P8514	SHAFT	1
24	6K8088	BEARING	10
3	8P8508	SUPPORT ASSEM.	1
4	1B4203	NUT	4
5	4B4278	WASHER	1
6	4M7980	SPRING	1
7	5P372	PIN	1



8	9P1734	GUIDE	1
9	9P1732	ROD ASSEM. (Includes)	1
10	6B933	SPACER	1

QUANTITIES SHOWN ARE THOSE REQUIRED FOR BOTH R. H. & L. H. SIDES

11	5P7149	BEARING	3
12	1B8714	KEY	6
13	8P8519	SHAFT	3
14	956465	BEARING	3
15	51619	BOLT	6
16	8P7936	COVER	3
17	S1588	BOLT	9
18	8P7933	LEVER	1
19	8P7935	BELLCRANK	1
20	1B4206	NUT	6
21	8P8506	ROD	3
22	4M7930	ROD END	3
23	9S1315	PIN	8
24	3B4617	COTTER PIN	9
	9P8100	STOP ASSEM.	1
25	(Includes)		
	5P5651	SEAL	179 m(7.05 in.)
26	L1351	BOLT	3
27	5P1075	WASHER	9
	8P8505	BAR	1
28	7S1891	SNUBBER	1
	3D8032	PIN	1
29	3B4628	COTTER PIN	1
30	1F5403	END	1
31	9P1920	PAWL ASSEM.	1
32	4B4899	SPRING	1
33	3B4615	COTTER PIN	3
34	4D4064	ROD END	1
35	9P1933	LEVER ASSEM.	1
36	3P5206	PAWL	2
37	1H1200	PIN	2
38	1K8779	PLATE	1
39	8P8065	BELLCRANK	1
40	8P7938	BELLCRANK	1
41	1K3536	SPRING	1
42	S175	PIN	1
43	7B5594	SPRING	2
44	8P7937	BELLCRANK	1
45	8P7934	BELLCRANK	1
46	5B9079	NUT	2

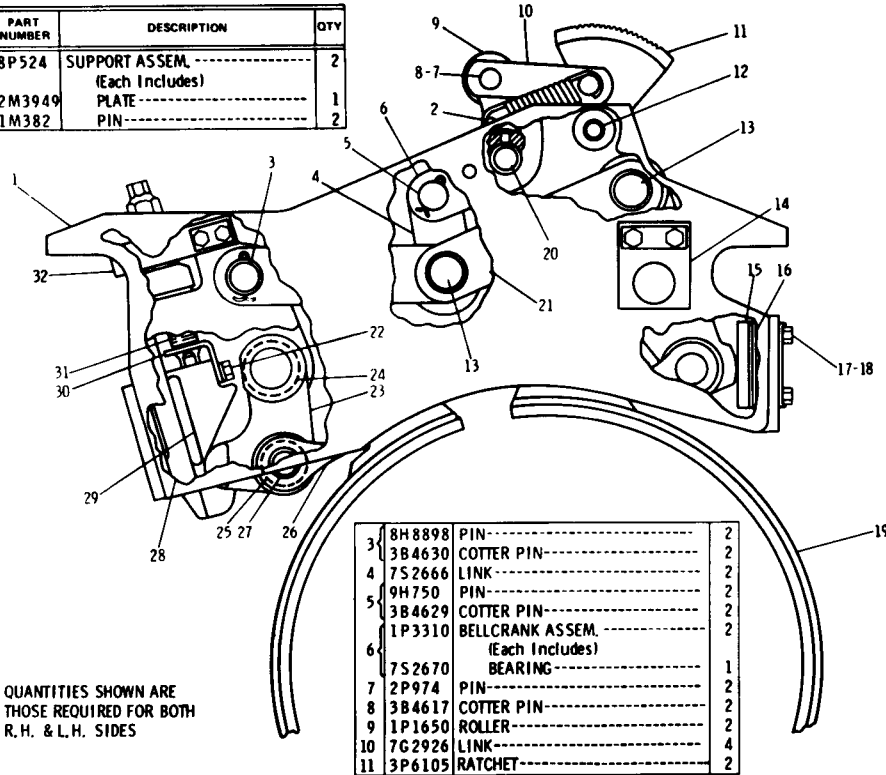
▲ ORDER BY THE METER

222530

7G2182 STEERING BRAKE GROUP—Part 2 of 3  
Serial No. 14X1 to 14X1840 inclusive

7G2182 STEERING BRAKE GROUP—Part 3 of 3  
 Serial No. 14X1 to 14X1840 inclusive  
 9M8068 Brake Band parts are shown on Page 124

REF. NO.	PART NUMBER	DESCRIPTION	QTY
	8P524	SUPPORT ASSEM. ....	2
1	(Each Includes)		
	2M3949	PLATE .....	1
2	1M382	PIN .....	2

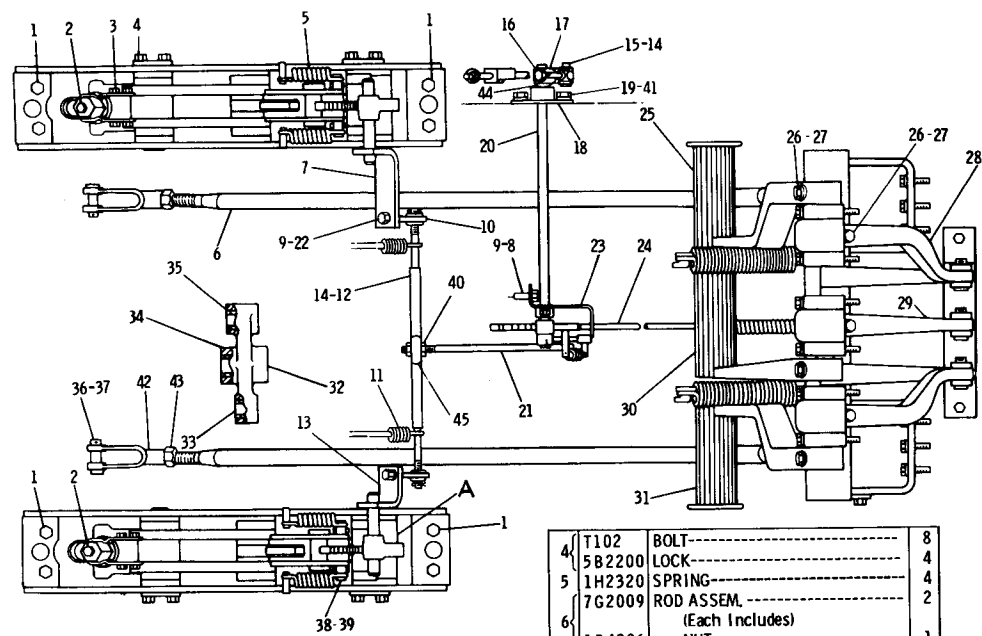


QUANTITIES SHOWN ARE  
 THOSE REQUIRED FOR BOTH  
 R. H. & L. H. SIDES

3	8H8898	PIN .....	2
	3B4630	COTTER PIN .....	2
4	7S2666	LINK .....	2
	9H750	PIN .....	2
5	3B4629	COTTER PIN .....	2
	1P3310	BELLCRANK ASSEM. ....	2
6	(Each Includes)		
	7S2670	BEARING .....	1
7	2P974	PIN .....	2
8	3B4617	COTTER PIN .....	2
9	1P1650	ROLLER .....	2
10	7G2926	LINK .....	4
11	3P6105	RATCHET .....	2

12	1H1200	PIN-----3.18 cm(1.25 in.) long--	2
	9H8918	PIN-----7.62 cm(3 in.) long--	2
13	8H376	PIN .....	4
	8H350	RING .....	8
14	8H352	SHAFT ASSEM. ....	4
15	8H372	PLATE .....	2
16	8H8871	SHIM .....	4
17	3B1915	BOLT .....	4
18	6H4208	LOCK .....	2
19	9M8068	BAND & LINING ASSEM. ....	2
	(Separate Illustration)		
20	7S2668	SHAFT .....	2
	4H6996	PIN .....	2
21	7G2041	LINK .....	8
	L1351	BOLT .....	2
22	5P1075	WASHER .....	2
23	7S6148	LEVER ASSEM. ....	2
	(Each Includes)		
24	7S6145	BEARING .....	1
25	7S6140	BEARING .....	1
26	1M3778	STRUT .....	4
	1M3788	PIN .....	4
27	1K9740	RING .....	8
	4S9104	LEVER ASSEM. ....	2
	(Each Includes)		
28	7S6144	BEARING----- (small)-----	1
	7S6140	BEARING .....	2
29	1M4025	WEDGE .....	2
30	5H6624	SUPPORT .....	2
31	2M7188	SCREW .....	2
32	9S8220	SPRING .....	2

222535



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	4B4043	BOLT-----	8
2	1P4524	SOCKET-----	2
3	1B9575	BOLT-----	4
	1D4716	NUT-----	4
	2F6156	LOCK-----	4

C INDICATES CHANGE

4	T102	BOLT-----	8
5	5B2200	LOCK-----	4
5	1H2320	SPRING-----	4
6	7G2009	ROD ASSEM.-----	2
6	(Each Includes)		
	1B4206	NUT-----	1
C 7	9G2742	LEVER ASSEM.-----	1
8	S1594	BOLT-----	2
9	5P1075	WASHER-----	4
C 10	4M495	ROD END-----	2
11	3F6142	SPRING-----	2
C 12	9G2737	ROD ASSEM.-----	1
C 13	9G2741	LEVER ASSEM.-----	1
C 14	3B4615	COTTER PIN-----	3

NOTE: QUANTITIES SHOWN ARE THOSE REQUIRED FOR BOTH R. H. & L. H. SIDES

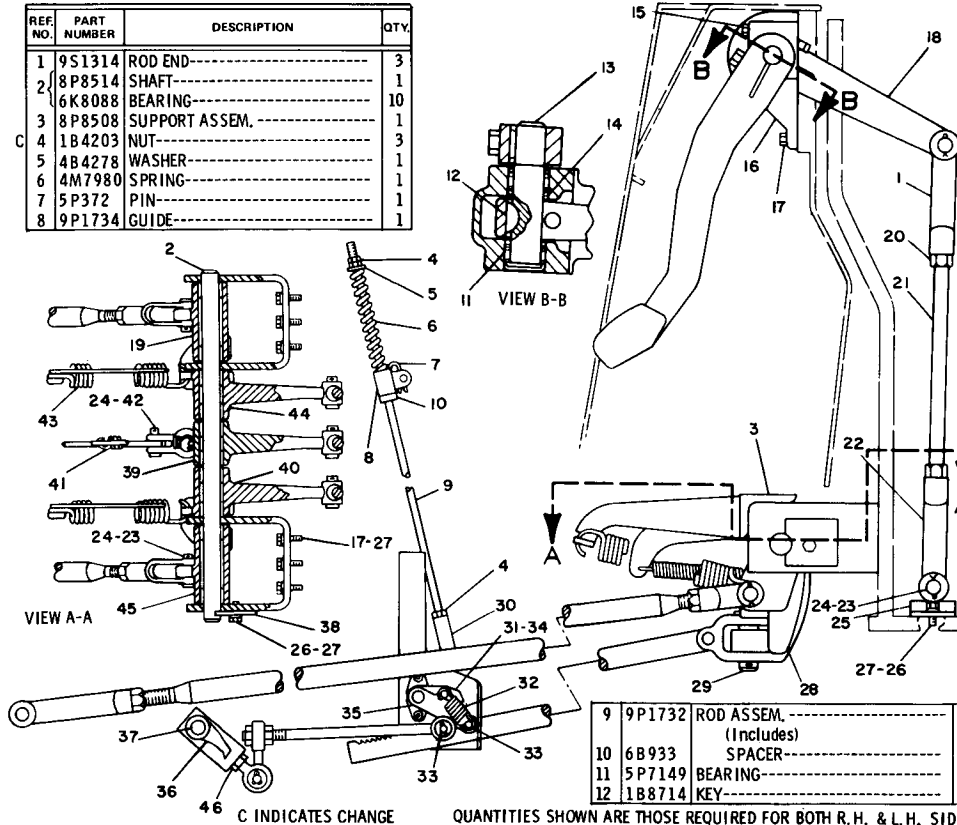
15	1B676	PIN-----	2
16	1A2029	BOLT-----	1
17	9P1731	LEVER-----	1
17	1B8701	KEY-----	1
18	9P1919	BEARING-----	2
19	S1614	BOLT-----	4
20	9P2022	SHAFT-----	1
21	9G2736	ROD-----	1
C 22	L1351	BOLT-----	2
C 22	9P1729	BRACKET ASSEM.-----	1
23	(Includes)		
	9F6445	NUT-----	2
24	8P8513	RATCHET-----	1
25	8P8267	PEDAL-----	1
26	1A1460	BOLT-----	6
27	5P8245	WASHER-----	6
28	8P7932	LEVER-----	1
29	8P7931	LEVER-----	1
30	8P8266	PEDAL-----	1
31	8P8265	PEDAL-----	1
32	7S6149	LEVER ASSEM.-----	2
33	(Each Includes)		
	7S6145	BEARING-----	1
	7S6140	BEARING-----	2
34	7S6140	BEARING-----	2
35	7S6143	BEARING-----	2
36	9S1315	PIN-----	2
37	3B4617	COTTER PIN-----	2
38	1M424	PIN-----	2
39	3H6660	PIN-----	4
C 40	1D4717	NUT-----	2
C 40	4B5271	WASHER-----	2
41	5P537	WASHER-----	4
42	9S1314	ROD END-----	2
43	1B4206	NUT-----	2
44	9K4848	WASHER-----	1
C 45	4H3539	GROMMET-----	1
C 45	1K6683	BUSHING-----	1

176655

7G2182 STEERING BRAKE GROUP—Part 1 of 3  
Serial No. 14X1841 to 14X1915 inclusive

7G2182 STEERING BRAKE GROUP—Part 2 of 3  
Serial No. 14X1841 to 14X1915 inclusive

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	9S1314	ROD END-----	3
2	8P8514	SHAFT-----	1
	6K8088	BEARING-----	10
3	8P8508	SUPPORT ASSEM.-----	1
C 4	1B4203	NUT-----	3
	4B4278	WASHER-----	1
	4M7980	SPRING-----	1
	5P372	PIN-----	1
	9P1734	GUIDE-----	1



9	9P1732	ROD ASSEM.-----	1
		(Includes)	
		SPACER-----	1
10	6B933	SPACER-----	1
11	5P7149	BEARING-----	3
12	1B8714	KEY-----	6

13	8P8519	SHAFT-----	3
14	9S6465	BEARING-----	3
15	S1619	BOLT-----	6
16	8P7936	COVER-----	3
17	S1588	BOLT-----	9
18	8P7933	LEVER-----	1
19	8P7935	BELLCRANK-----	1
20	1B4206	NUT-----	6
21	8P8506	ROD-----	3
22	4M7930	ROD END-----	3
23	9S1315	PIN-----	8
24	3B4617	COTTER PIN-----	9
	9P8100	STOP ASSEM.-----	1
		(Includes)	
25	5P5651	SEAL-----, 179m(7.05 in.)	1
26	L1351	BOLT-----	3
27	5P1075	WASHER-----	9
28	8P8505	BAR-----	1
	7S1891	SNUBBER-----	1
29	3D8032	PIN-----	1
	3B4628	COTTER PIN-----	1
C 30	1A9252	END-----	1
31	9P1920	PAWL ASSEM.-----	1
32	4B4899	SPRING-----	1
33	3B4615	COTTER PIN-----	3
34	9F7882	PIN----- (spring)	1
35	9P1933	LEVER ASSEM.-----	1
36	3P5206	PAWL-----	2
37	1H1200	PIN-----	2
38	1K8779	PLATE-----	1
39	8P8065	BELLCRANK-----	1
40	8P7938	BELLCRANK-----	1
41	1K3536	SPRING-----	1
42	S175	PIN-----	1
43	7B5594	SPRING-----	2
44	8P7937	BELLCRANK-----	1
45	8P7934	BELLCRANK-----	1
46	5B9079	NUT-----	2

C INDICATES CHANGE

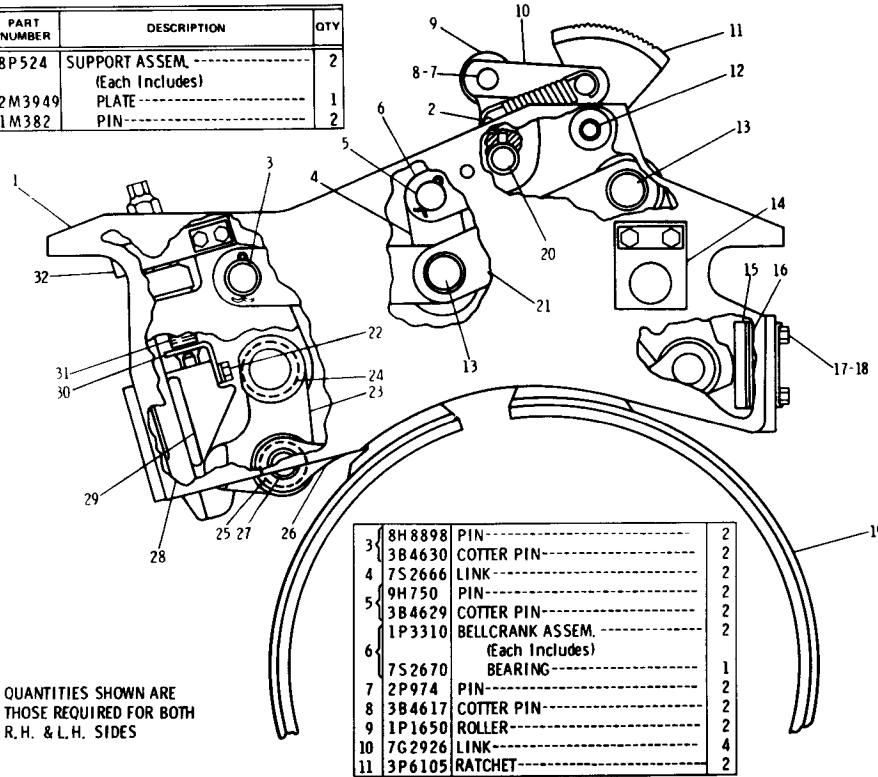
QUANTITIES SHOWN ARE THOSE REQUIRED FOR BOTH R. H. & L. H. SIDES

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176656



REF NO	PART NUMBER	DESCRIPTION	QTY
1	8P524	SUPPORT ASSEM. ----- (Each Includes)	2
2	2M3949	PLATE -----	1
2	1M382	PIN -----	2



QUANTITIES SHOWN ARE  
THOSE REQUIRED FOR BOTH  
R.H. & L.H. SIDES

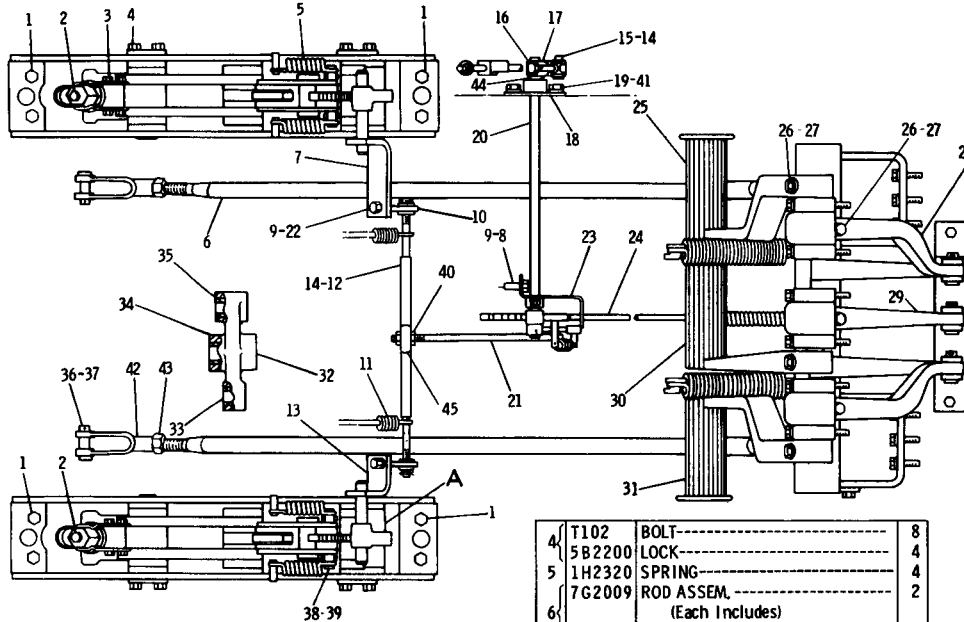
3	8H8898	PIN -----	2
3	3B4630	COTTER PIN -----	2
4	7S2666	LINK -----	2
5	9H750	PIN -----	2
5	3B4629	COTTER PIN -----	2
6	1P3310	BELLCRANK ASSEM. ----- (Each Includes)	2
6	7S2670	BEARING -----	1
7	2P974	PIN -----	2
8	3B4617	COTTER PIN -----	2
9	1P1650	ROLLER -----	2
10	7C2926	LINK -----	4
11	3P6105	RATCHET -----	2

12	1H1200	PIN -----3, 18 cm(1.25 in.) long---	2
12	9H8918	PIN -----7, 62 cm(3 in.) long---	2
13	8H376	PIN -----	4
13	8H350	RING -----	8
14	8H352	SHAFT ASSEM. -----	4
15	8H372	PLATE -----	2
16	8H8871	SHIM -----	4
17	3B1915	BOLT -----	4
18	6H4208	LOCK -----	2
19	9M8068	BAND & LINING ASSEM. ----- (Separate Illustration)	2
20	7S2668	SHAFT -----	2
20	4H6996	PIN -----	2
21	7G2041	LINK -----	8
22	L1351	BOLT -----	2
22	5P1075	WASHER -----	2
23	7S6148	LEVER ASSEM. ----- (Each Includes)	2
24	7S6145	BEARING -----	1
25	7S6140	BEARING -----	1
26	1M3778	STRUT -----	4
27	1M3788	PIN -----	4
27	1K9740	RING -----	8
27	4S9104	LEVER ASSEM. ----- (Each Includes)	2
28	7S6144	BEARING -----(small)-----	1
28	7S6140	BEARING -----	2
29	1M4025	WEDGE -----	2
30	5H6624	SUPPORT -----	2
31	2M7188	SCREW -----	2
32	9S8220	SPRING -----	2

222535

7G2182 STEERING BRAKE GROUP—Part 3 of 3  
Serial No. 14X1841 to 14X1915 inclusive  
9M8068 Brake Band parts are shown on Page 124

7G2182 STEERING BRAKE GROUP—Part 1 of 3  
Serial No. 14X1916—Up



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	4B4043	BOLT-----	8
2	1P4524	SOCKET-----	2
	1B9575	BOLT-----	4
3	1D4716	NUT-----	4
	2F6156	LOCK-----	4

C INDICATES CHANGE

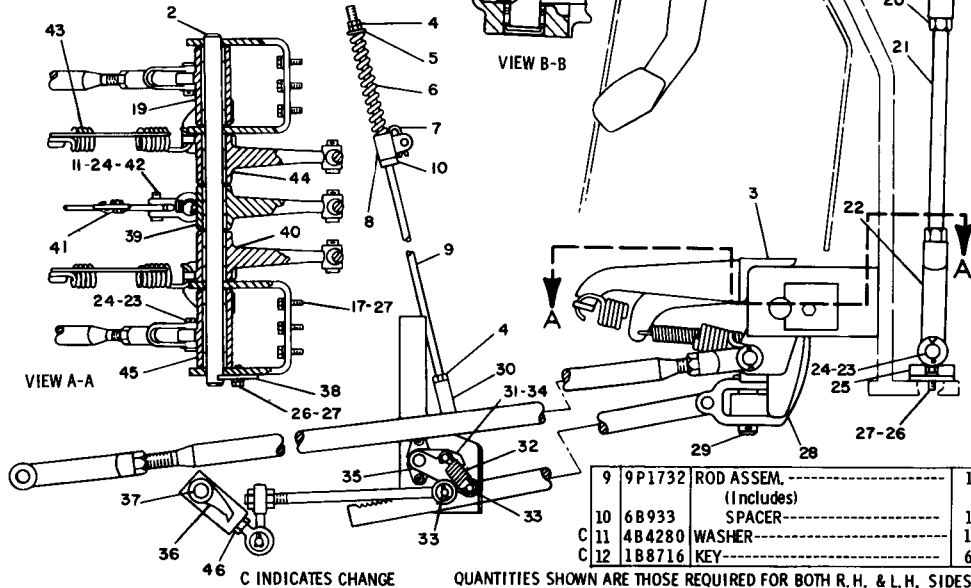
4	T102	BOLT-----	8
	5B2200	LOCK-----	4
5	1H2320	SPRING-----	4
	7G2009	ROD ASSEM.-----	2
6		(Each Includes)	
	1B4206	NUT-----	1
7	9G2742	LEVER ASSEM.-----	1
8	S1594	BOLT-----	2
9	5P1075	WASHER-----	4
10	4M495	ROD END-----	2
11	3F6142	SPRING-----	2
12	9G2737	ROD ASSEM.-----	1
13	9G2741	LEVER ASSEM.-----	1
14	3B4615	COTTER PIN-----	3

NOTE: QUANTITIES SHOWN ARE THOSE REQUIRED FOR BOTH R. H. & L. H. SIDES

15	1B676	PIN-----	2
16	1A2029	BOLT-----	1
	9P1731	LEVER-----	1
17	1B8701	KEY-----	1
18	9P1919	BEARING-----	2
19	S1614	BOLT-----	4
20	9P2022	SHAFT-----	1
21	9G2736	ROD-----	1
C 22	L1351	BOLT-----	2
	9P1729	BRACKET ASSEM.-----	1
23		(Includes)	
	9F6445	NUT-----	2
24	8P8513	RATCHET-----	1
C 25	9G5593	PEDAL-----	1
26	1A1460	BOLT-----	6
27	5P8245	WASHER-----	6
C 28	9G5598	LEVER-----	1
C 29	9G5597	LEVER-----	1
C 30	9G5592	PEDAL-----	1
C 31	9G5591	PEDAL-----	1
32	7S6149	LEVER ASSEM.-----	2
		(Each Includes)	
33	7S6145	BEARING-----	1
34	7S6140	BEARING-----	2
35	7S6143	BEARING-----	2
36	9S1315	PIN-----	2
37	3B4617	COTTER PIN-----	2
38	1M424	PIN-----	2
39	3H6660	PIN-----	4
	1D4717	NUT-----	2
C 40	3P4939	WASHER-----	2
41	5P537	WASHER-----	4
42	9S1314	ROD END-----	2
43	1B4206	NUT-----	2
44	9K4848	WASHER-----	1
	4H3539	GROMMET-----	1
45	1K6683	BUSHING-----	1

17721

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	9S1314	ROD END-----	3
2	8P8514	SHAFT-----	1
6	6K8088	BEARING-----	10
3	8P8508	SUPPORT ASSEM.-----	1
4	1B4203	NUT-----	3
5	4B4278	WASHER-----	1
6	4M7980	SPRING-----	1
7	5P372	PIN-----	1
8	9P1734	GUIDE-----	1



C INDICATES CHANGE

QUANTITIES SHOWN ARE THOSE REQUIRED FOR BOTH R. H. &amp; L. H. SIDES

C 13	9G5594	SHAFT-----	3
C 14	9G5595	BEARING-----	6
15	S1619	BOLT-----	6
16	9G5596	COVER-----	3
17	S1588	BOLT-----	9
C 18	9G5599	LEVER-----	1
19	8P7935	BELLCRANK-----	1
20	1B4206	NUT-----	6
21	8P8506	ROD-----	3
22	4M7930	ROD END-----	3
23	9S1315	PIN-----	8
24	3B4617	COTTER PIN-----	9
	9P8100	STOP ASSEM.-----	1
25		(Includes)	
	5P5651	SEAL-----, 1.79m(7.05 in.)	
26	L1351	BOLT-----	3
27	5P1075	WASHER-----	9
28	8P8505	BAR-----	1
	7S1891	SNUBBER-----	1
	3D8032	PIN-----	1
29	3B4628	COTTER PIN-----	1
30	1A9252	END-----	1
31	9P1920	PAWL ASSEM.-----	1
32	4B4899	SPRING-----	1
33	3B4615	COTTER PIN-----	3
34	9F7882	PIN----- (spring)	1
35	9P1933	LEVER ASSEM.-----	1
36	3P5206	PAWL-----	2
37	1H1200	PIN-----	2
38	1K8779	PLATE-----	1
39	8P8065	BELLCRANK-----	1
40	8P7938	BELLCRANK-----	1
41	1K3536	SPRING-----	1
C 42	8B1419	PIN-----	1
43	7B5594	SPRING-----	2
44	8P7937	BELLCRANK-----	1
45	8P7934	BELLCRANK-----	1
46	5B9079	NUT-----	2

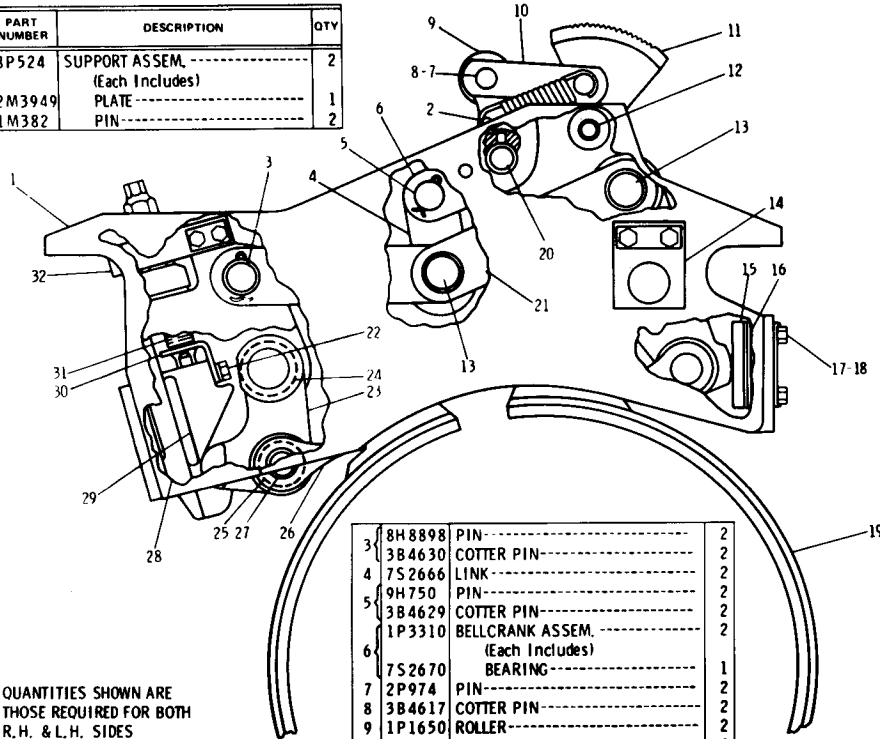
▲ ORDER BY THE METER

177272

7G2182 STEERING BRAKE GROUP—Part 2 of 3  
Serial No. 14X1916—Up

7G2182 STEERING BRAKE GROUP—Part 3 of 3  
 Serial No. 14X1916—Up  
 9M8068 Brake Band parts are shown on Page 124

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8P524	SUPPORT ASSEM.-----	2
	(Each Includes)		
2	2M3949	PLATE-----	1
2	1M382	PIN-----	2

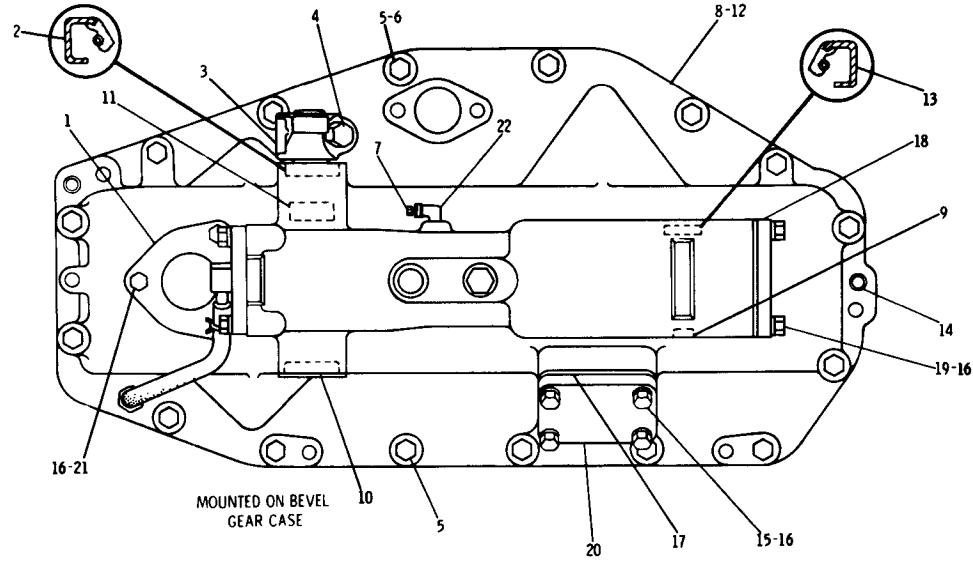


3	8H8898	PIN-----	2
	3B4630	COTTER PIN-----	2
4	7S2666	LINK-----	2
	9H750	PIN-----	2
5	3B4629	COTTER PIN-----	2
	1P3310	BELLCRANK ASSEM.-----	2
6	(Each Includes)		
	7S2670	BEARING-----	1
7	2P974	PIN-----	2
8	3B4617	COTTER PIN-----	2
9	1P1650	ROLLER-----	2
10	7G2926	LINK-----	4
11	3P6105	RATCHET-----	2

QUANTITIES SHOWN ARE  
 THOSE REQUIRED FOR BOTH  
 R. H. & L. H. SIDES

12	1H1200	PIN-----3.18 cm(1.25 in.) long---	2
	9H8918	PIN-----7.62 cm(3 in.) long---	2
13	8H376	PIN-----	4
	8H350	RING-----	8
14	8H352	SHAFT ASSEM.-----	4
15	8H372	PLATE-----	2
16	8H8871	SHIM-----	4
17	3B1915	BOLT-----	4
18	6H4208	LOCK-----	2
19	9M8068	BAND & LINING ASSEM.-----	2
(Separate Illustration)			
20	7S2668	SHAFT-----	2
	4H6996	PIN-----	2
21	7G2041	LINK-----	8
22	L1351	BOLT-----	2
	5P1075	WASHER-----	2
23	7S6148	LEVER ASSEM.-----	2
(Each Includes)			
24	7S6145	BEARING-----	1
25	7S6140	BEARING-----	1
26	1M3778	STRUT-----	4
27	1M3788	PIN-----	4
	1K9740	RING-----	8
	4S9104	LEVER ASSEM.-----	2
(Each Includes)			
28	7S6144	BEARING----- (small)-----	1
	7S6140	BEARING-----	2
29	1M4025	WEDGE-----	2
30	5H6624	SUPPORT-----	2
31	2M7188	SCREW-----	2
32	9S8220	SPRING-----	2

222535



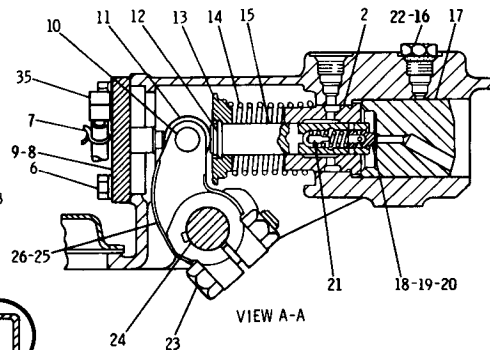
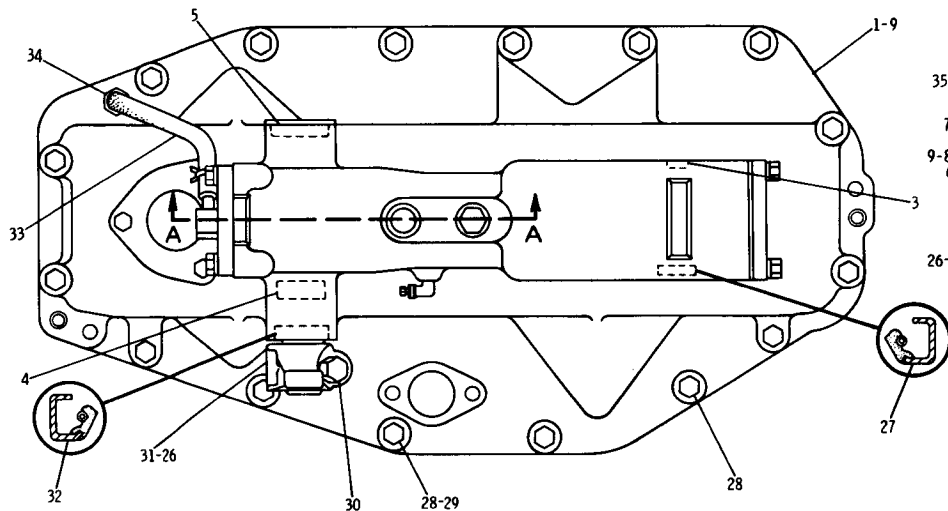
MOUNTED ON BEVEL  
GEAR CASE

REF NO.	PART NUMBER	DESCRIPTION	QTY
1	9H8889	COVER-----	2
1	9H8890	GASKET-----	2
2	2P6286	SEAL-----	1
3	8P8190	LEVER-----	1
3	1B8719	KEY-----	1
4	51589	BOLT-----	1
5	9S1366	BOLT-----	16
5	5P8245	WASHER-----	16
6	1K4649	SPACER-----	1
7	5M6214	PLUG-----	2
8	8P1191	HOUSING ASSEM.-----	1
8		(Includes)	
8	2S8359	SLEEVE-----	1
9	5B1866	PLUG-----	1
10	L1021	PLUG-----	1
11	1J3710	BEARING-----	2
12	7M7260	LIQUID GASKET-----	1
13	5H1190	SEAL-----	1
14	3B2225	DOWEL-----	4
15	1A2029	BOLT-----	4
16	5M2894	WASHER-----	18
17	8P2680	GASKET-----	1
18	7S2779	COVER-----	2
18	7S2780	GASKET-----	2
19	51594	BOLT-----	8
20	7G2036	COVER-----	1
21	L1351	BOLT-----	6
22	3B6552	ELBOW-----	2

218128

7G2035 BRAKE HYDRAULIC MECHANISM GROUP—Part 1

7G2035 BRAKE HYDRAULIC MECHANISM GROUP—Part 2



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8P1190	HOUSING ASSEM. (Includes)	1
2	2S8359	SLEEVE	1
3	5B1866	PLUG	1
4	1J3710	BEARING	1
5	L1021	PLUG	1
6	1A2029	BOLT	8
	5M2894	WASHER	8
7	3S5096	CLAMP	4
8	8P8255	COVER ASSEM.	2

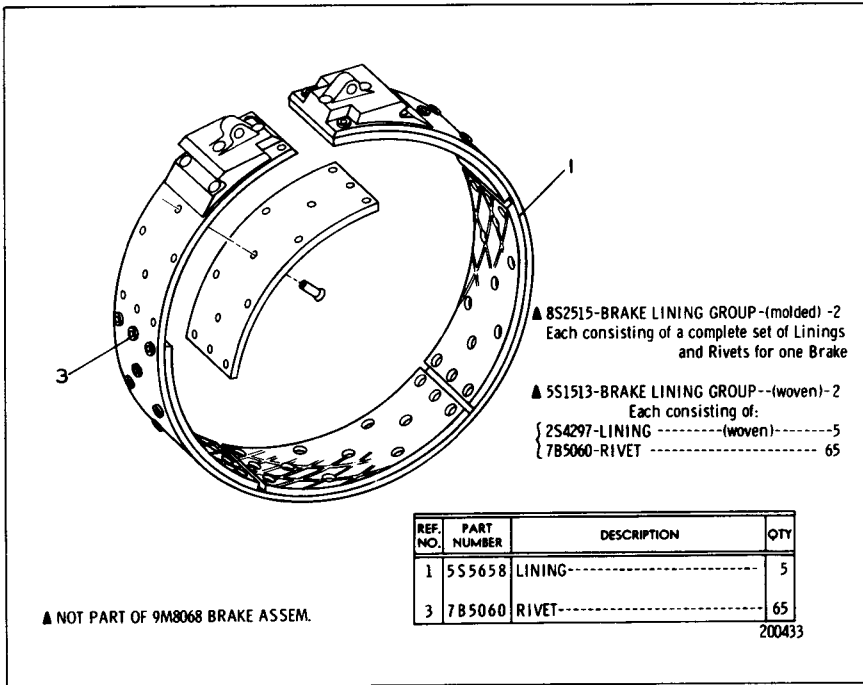
9	7M7260	LIQUID GASKET	2
10	3H1977	PIN	2
	3B4617	COTTER PIN	2
11	6B7687	ROLLER	2
12	4H8158	RING	2
C 13	7S2667	RETAINER	2
14	9H7553	SPRING	2
15	5S6880	PLUNGER	2
16	9S4185	PLUG	2
C 17	9G816	PISTON	2
18	2S8571	VALVE	2
19	5P6717	RING	2

▲ ORDER BY THE CENTIMETER

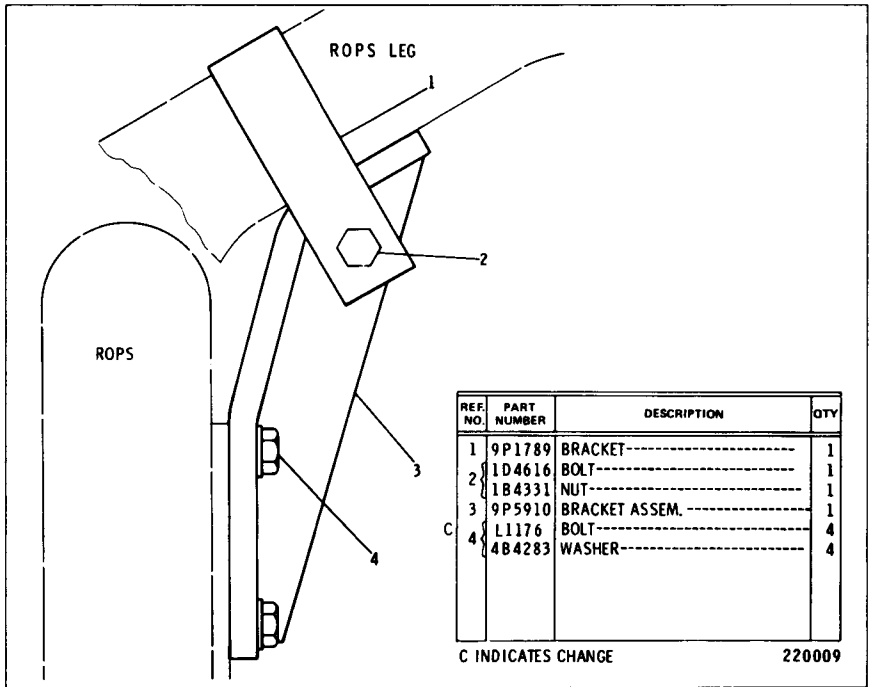
20	5M3389	SPRING	2
21	1S2121	PLUNGER	2
22	3K360	SEAL	2
23	8S9092	BOLT	2
	104720	NUT	2
24	7S3842	SHAFT	2
25	9H7657	LEVER	2
26	1B8719	KEY	3
27	5H1190	SEAL	1
	9S1366	BOLT	16
28	5P8245	WASHER	16
29	1K4649	SPACER	1
30	S1589	BOLT	1
31	8P8199	LEVER	1
32	2P6286	SEAL	1
▲ 33	5P1442	HOSE (51 cm(20.1 in.))	1
34	5P7175	NIPPLE	2
35	672935	FITTING	2

C INDICATES CHANGE

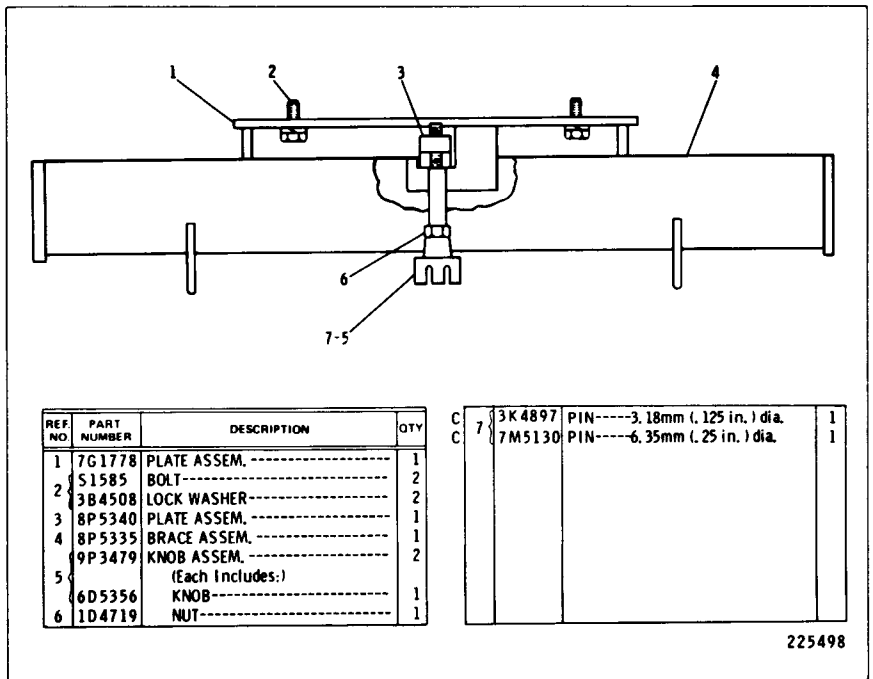
229526



9M8068 BRAKE BAND ASSEMBLY—2 Required  
Part of 7G2182 Steering, Brake Group shown on Page 121



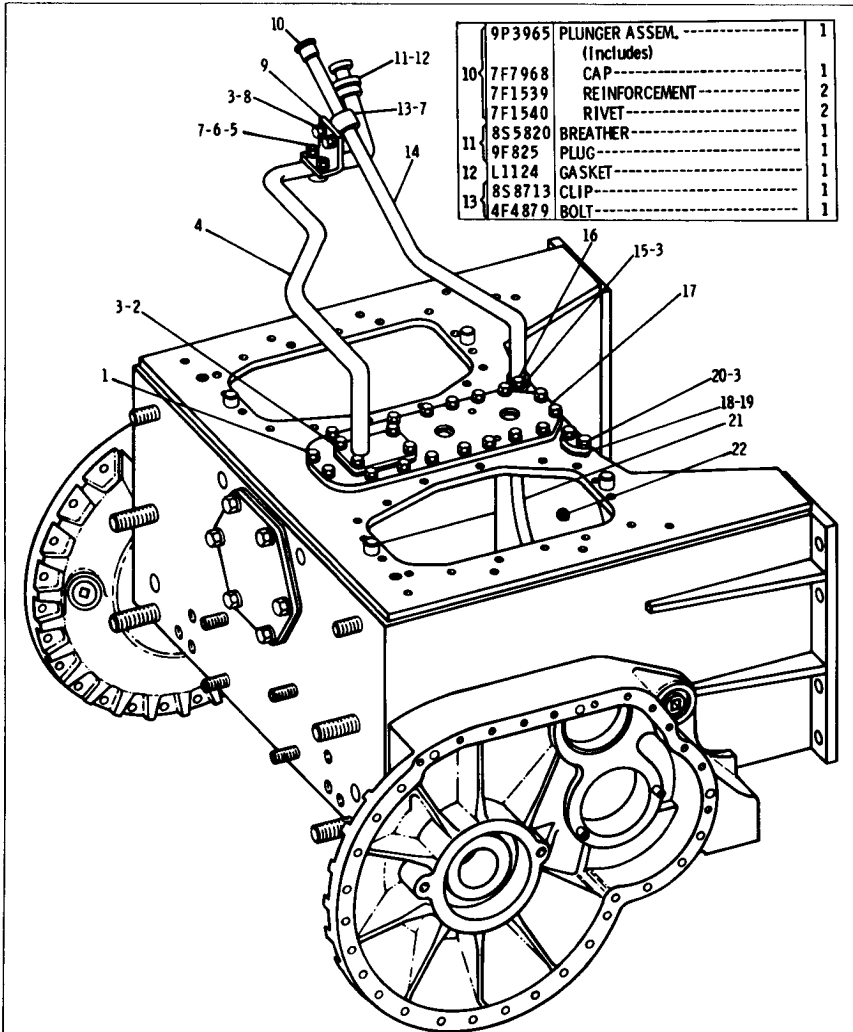
9P734 SAFETY BRACE GROUP



7G1781 LIFT CYLINDER BRACE GROUP



CATERPILLAR 977L TRACK LOADER



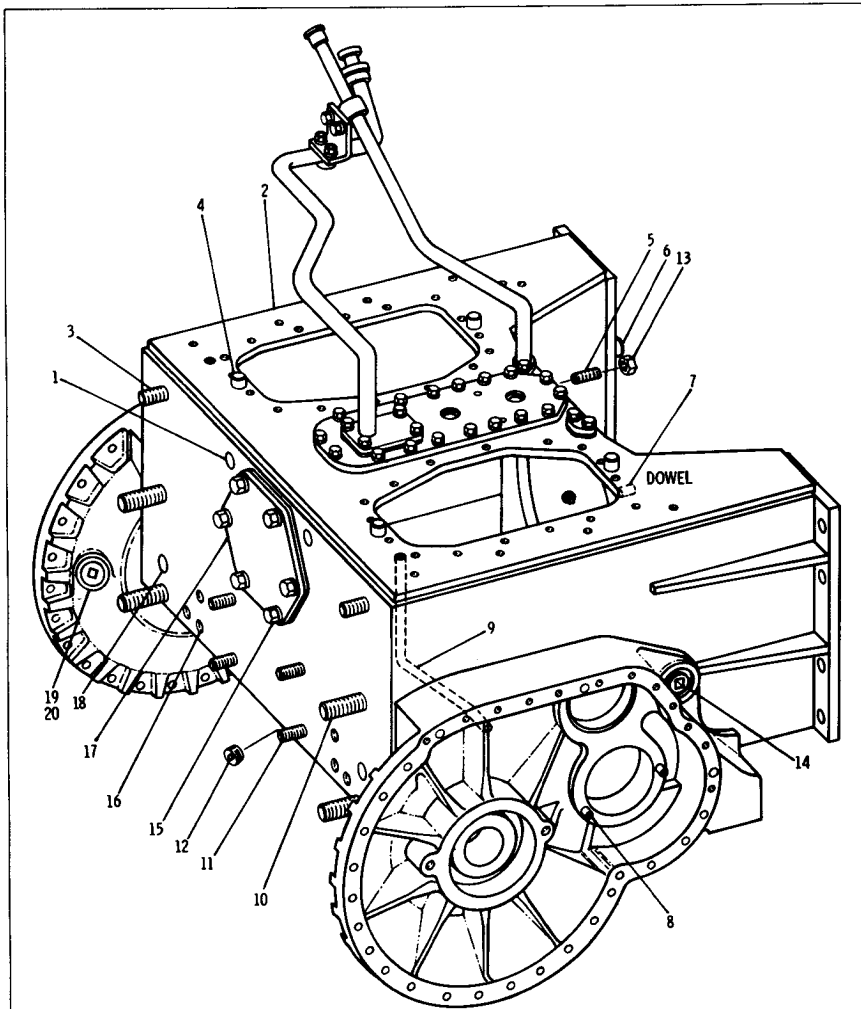
9P3965	PLUNGER ASSEM. -----	1
	(Includes)	
10 7F7968	CAP -----	1
7F1539	REINFORCEMENT -----	2
7F1540	RIVET -----	2
11 8S5820	BREATHER -----	1
9F825	PLUG -----	1
12 L1124	GASKET -----	1
8S8713	CLIP -----	1
13 4F4879	BOLT -----	1

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1C2251	BOLT -----	18
	5M2894	WASHER -----	18
2	L1351	BOLT -----	6
3	5P1075	WASHER -----	12
4	9P3707	SPOUT ASSEM. -----	1
	9M1939	GASKET -----	1
5	7K5707	'U' BOLT -----	1
6	1D4717	NUT -----	2
7	4B4278	WASHER -----	3
8	S509	BOLT -----	2
9	9P4865	PLATE -----	1

14	9P3705	TUBE ASSEM. -----	1
	(Includes)		
15	7M1587	FLANGE -----	1
16	S1591	BOLT -----	2
17	3S1740	PLATE -----	1
18	4B5166	COVER -----	1
19	7M1588	GASKET -----	1
20	S1594	BOLT -----	2
	9P4281	TUBE ASSEM. -----	1
	(Includes)		
	7M1587	FLANGE -----	1
22	2B7409	PLUG -----	3

218144

8P7762 STEERING CLUTCH CASE GROUP—Part 1  
Serial No. 14X1 to 14X1565 inclusive



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	2B7583	CORK-----	2
	9P3706	CASE ASSEM.-----	1
2		(Includes)	
	2L3650	PIN-----	1
3	9M3948	STUD-----	2
	8M2615	DOWEL-----	4
4	4L6943	RING-----	4
5	9H5999	STUD-----	8
6	5H7911	DOWEL-----	2
7	8M3405	DOWEL-----	1
8	L2061	DOWEL-----	4
9	3S1967	TUBE----- (R. H.)-----	4
	3S1968	TUBE----- (L. H.)-----	4
C 10	8H4260	STUD-----	4
11	2S3390	STUD-----	4

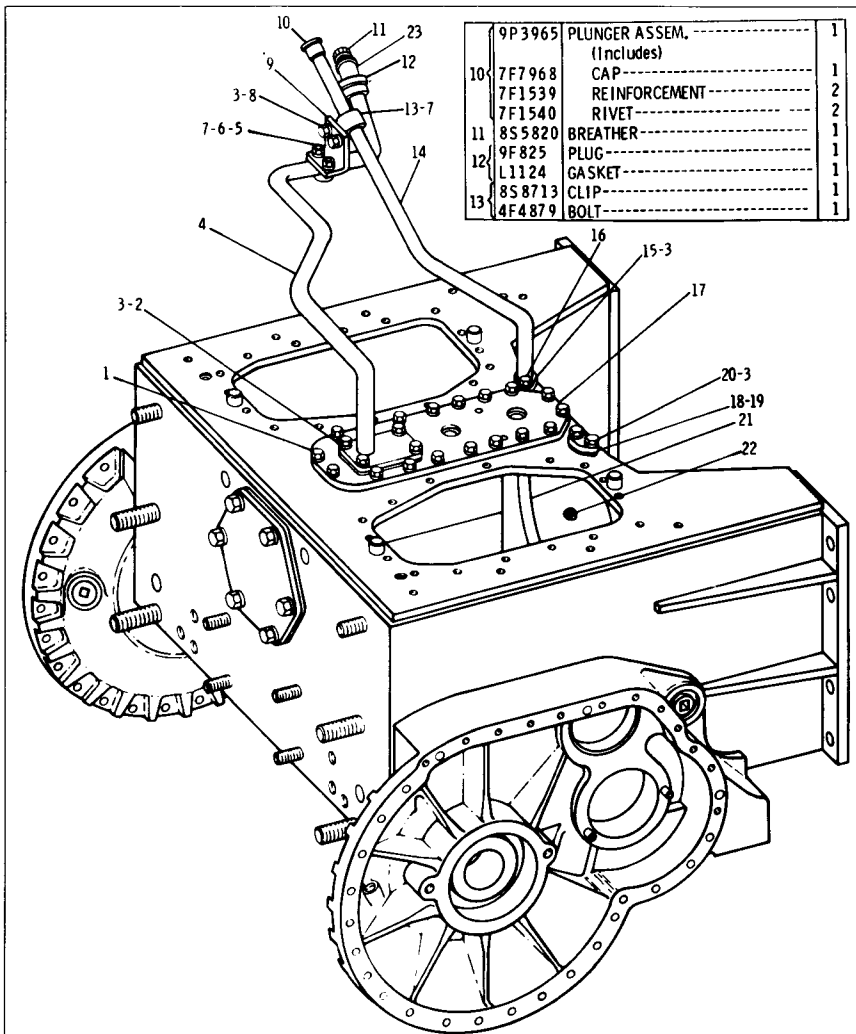
12	5S4017	PLUG-----	3
13	1B4206	NUT-----	8
14	7B9665	PLUG-----	2
	7H2069	BOLT-----	6
15	6H190	WASHER-----	6
	2B7561	CORK-----	6
16	3S3447	COVER-----	1
17	7B206	GASKET-----	1
18	7M4515	CORK-----	2
19	L827	PLUG-----	2
20	L1124	GASKET-----	2

C INDICATES CHANGE

170118

8P7762 STEERING CLUTCH CASE GROUP—Part 2  
Serial No. 14X1 to 14X1565 inclusive

# CATERPILLAR 977L TRACK LOADER



9P3965	PLUNGER ASSEM. -----	1
	(Includes)	
10	7F7968 CAP -----	1
	7F1539 REINFORCEMENT -----	2
	7F1540 RIVET -----	2
11	8S5820 BREATHER -----	1
12	9F825 PLUG -----	1
	L1124 GASKET -----	1
13	8S8713 CLIP -----	1
	4F4879 BOLT -----	1

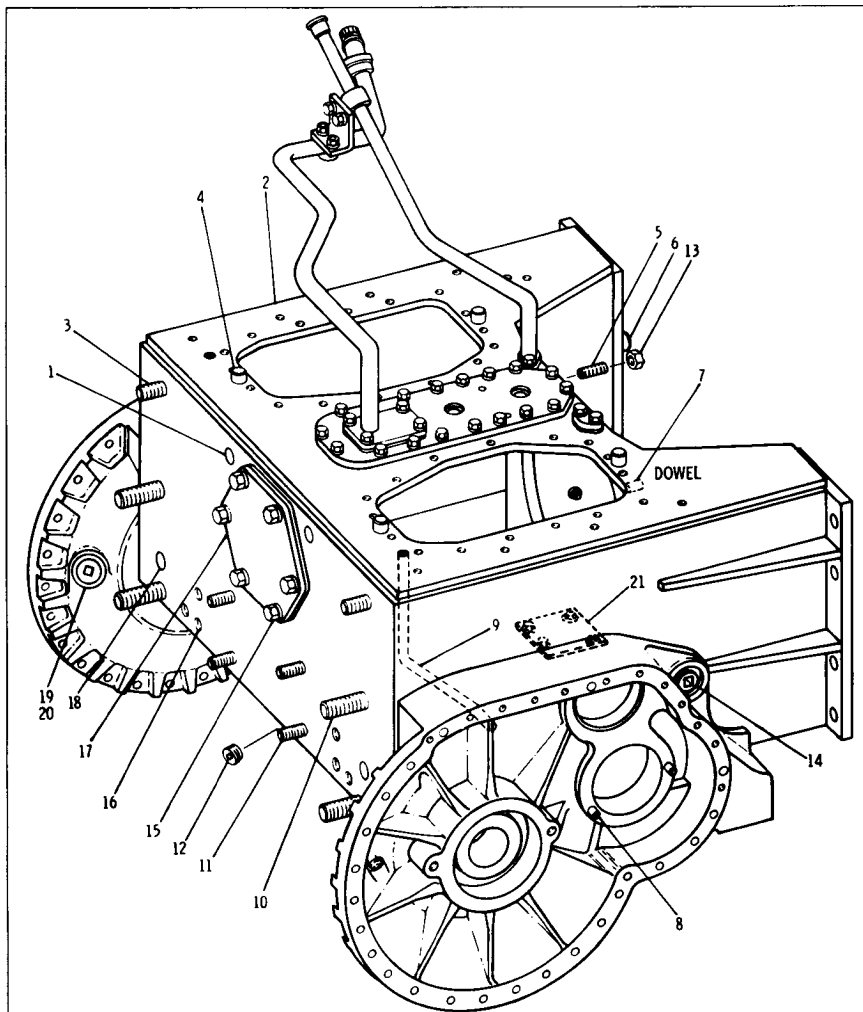
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1C2251	BOLT -----	18
	5M2894	WASHER -----	18
2	L1351	BOLT -----	6
3	5P1075	WASHER -----	12
4	9P3707	SPOUT ASSEM. -----	1
	9M1939	GASKET -----	1
5	7K5707	'U' BOLT -----	1
6	1D4717	NUT -----	2
7	4B4278	WASHER -----	3
8	S509	BOLT -----	2
9	9P4865	PLATE -----	1

14	9P3705	TUBE ASSEM. -----	1
		(Includes)	
15	7M1587	FLANGE -----	2
16	S1591	BOLT -----	1
17	3S1740	PLATE -----	1
18	4B5166	COVER -----	1
19	7M1588	GASKET -----	1
20	S1594	BOLT -----	2
	9P4281	TUBE ASSEM. -----	1
21		(Includes)	
	7M1587	FLANGE -----	1
22	2B7409	PLUG -----	3
C 23	3B7730	ELBOW -----	1

C INDICATES CHANGE

174747

8P7762 STEERING CLUTCH CASE GROUP—Part 1  
Serial No. 14X1566 to 14X1674 inclusive



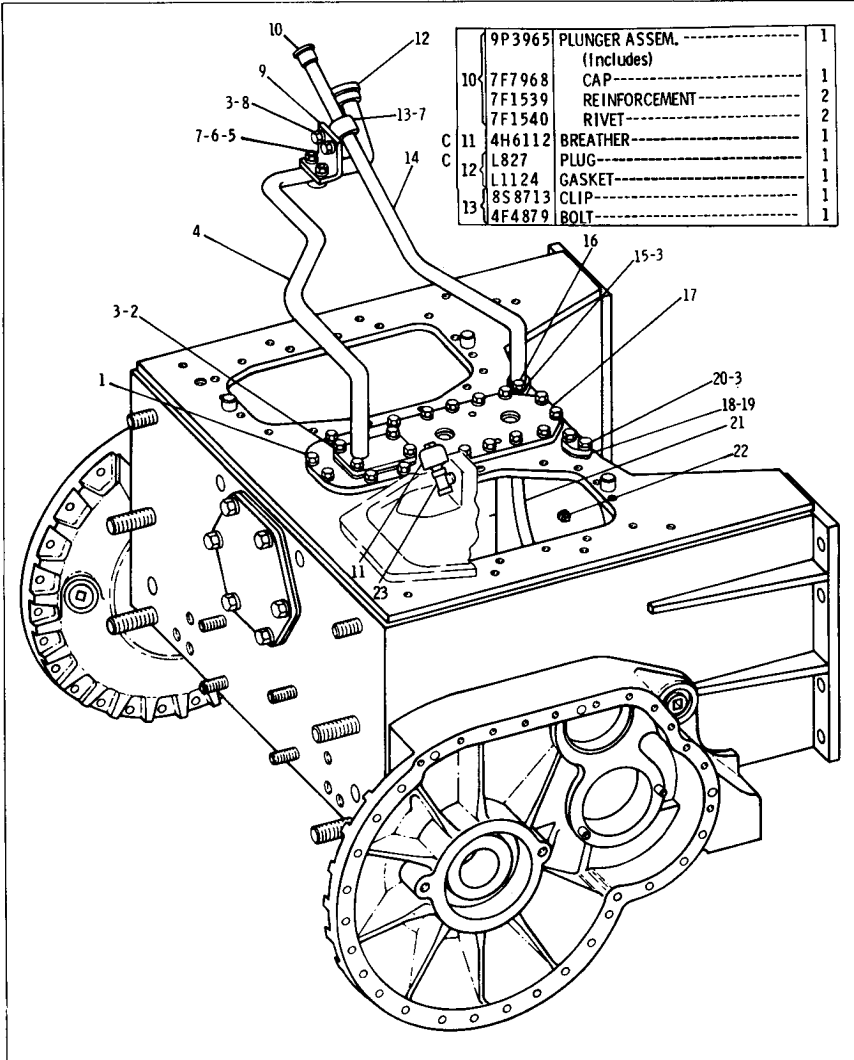
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	2B7583	CORK-----	2
2	9P3706	CASE ASSEM.----- (Includes)	1
3	2L3650	PIN-----	1
3	9M3948	STUD-----	2
4	8M2615	DOWEL-----	4
4	4L6943	RING-----	4
5	3D4639	STUD-----	8
6	5H7911	DOWEL-----	2
7	8M3405	DOWEL-----	1
8	L2061	DOWEL-----	4
9	3S1967	TUBE----- (R. H.)	4
9	3S1968	TUBE----- (L. H.)	4
10	8H4260	STUD-----	4
11	2S3390	STUD-----	4

12	5S4017	PLUG-----	3
13	1D4720	NUT-----	2
14	7B9665	PLUG-----	8
14	7B9665	PLUG-----	2
15	7H2069	BOLT-----	6
15	6H190	WASHER-----	6
16	2B7561	CORK-----	6
16	3S3447	COVER-----	1
17	7B206	GASKET-----	1
18	7M4515	CORK-----	2
19	L827	PLUG-----	2
20	L1124	GASKET-----	2
20	9G2477	PLATE-----	1
21	S509	BOLT-----	4
21	5P1075	WASHER-----	4

C INDICATES CHANGE

174748

8P7762 STEERING CLUTCH CASE GROUP—Part 2  
Serial No. 14X1566 to 14X1674 inclusive



	9P3965	PLUNGER ASSEM. -----	1
		(Includes)	
10	7F7968	CAP -----	1
	7F1539	REINFORCEMENT -----	2
	7F1540	RIVET -----	2
C 11	4H6112	BREATHER -----	1
C 12	L827	PLUG -----	1
	L1124	GASKET -----	1
	8S8713	CLIP -----	1
13	4F4879	BOLT -----	1

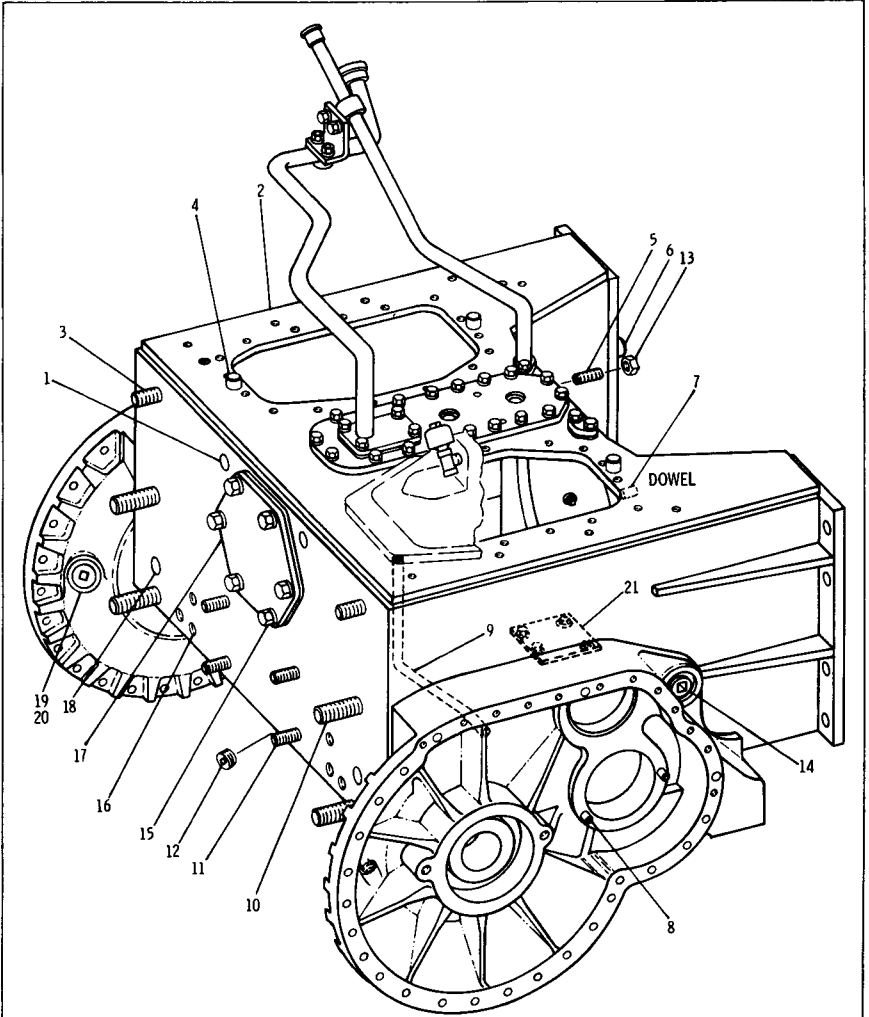
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1C2251	BOLT -----	18
	5M2894	WASHER -----	18
2	L1351	BOLT -----	6
3	5P1075	WASHER -----	12
4	9P3707	SPOUT ASSEM. -----	1
	9M1939	GASKET -----	1
5	7K5707	"U" BOLT -----	1
6	1D4717	NUT -----	2
7	4B4278	WASHER -----	3
8	S509	BOLT -----	2
9	9P4865	PLATE -----	1

	14	9P3705	TUBE ASSEM. -----	1
			(Includes)	
	15	7M1587	FLANGE -----	1
	16	S1591	BOLT -----	2
	17	3S1740	PLATE -----	1
	18	4B5166	COVER -----	1
	19	7M1588	GASKET -----	1
	20	S1594	BOLT -----	2
	21	9P4281	TUBE ASSEM. -----	1
			(Includes)	
		7M1587	FLANGE -----	1
C	22	2B7409	PLUG -----	1
C		60210	TEE -----	1
C	23	80728	NIPPLE -----	1

C INDICATES CHANGE

175949

8P7762 STEERING CLUTCH CASE GROUP—Part 1  
Serial No. 14X1675—Up

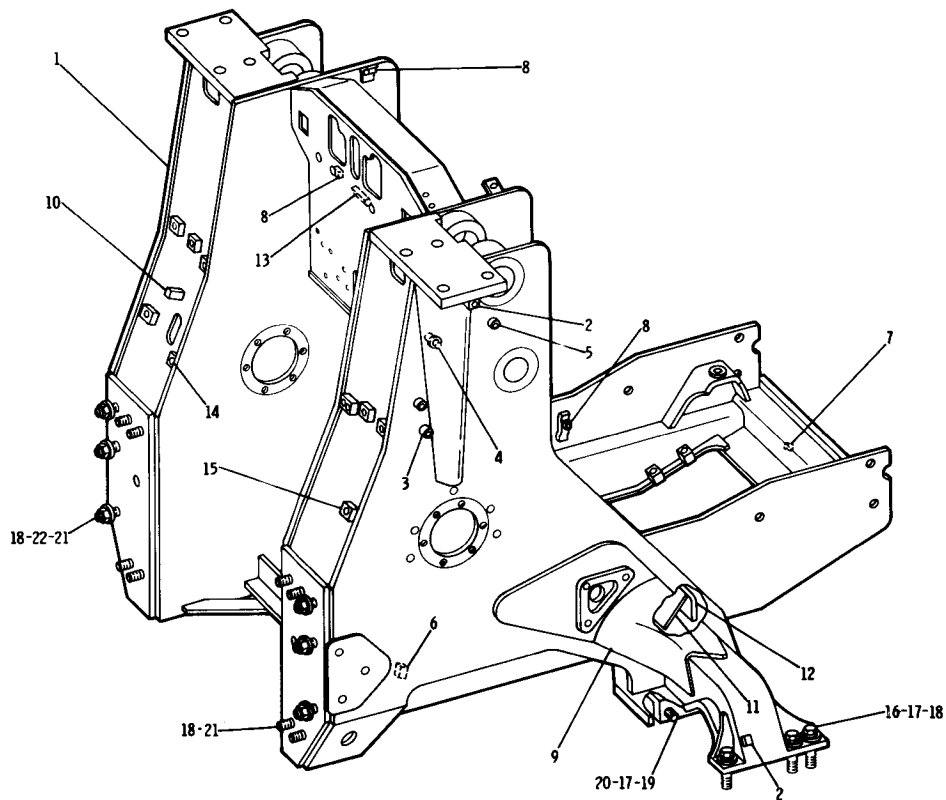


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	2B7583	CORK	2
	9P3706	CASE ASSEM.	1
2		(Includes)	
	2L3650	PIN	1
3	9M3948	STUD	2
	8M2615	DOWEL	4
4	4L6943	RING	4
5	3D4639	STUD	8
6	5H7911	DOWEL	2
7	8M3405	DOWEL	1
8	L2061	DOWEL	4
9	3S1967	TUBE (R. H.)	4
	3S1968	TUBE (L. H.)	4
10	8H4260	STUD	4
11	2S3390	STUD	4

12	5S4017	PLUG	3
13	1D4720	NUT	8
14	7B9665	PLUG	2
	7H2069	BOLT	6
15	6H190	WASHER	6
16	2B7561	CORK	6
17	3S3447	COVER	1
	7B206	GASKET	1
18	7M4515	CORK	2
19	L827	PLUG	2
20	L1124	GASKET	2
	9G2477	PLATE	1
21	S509	BOLT	4
	5P1075	WASHER	4

175950

8P7762 STEERING CLUTCH CASE GROUP—Part 2  
Serial No. 14X1675—Up

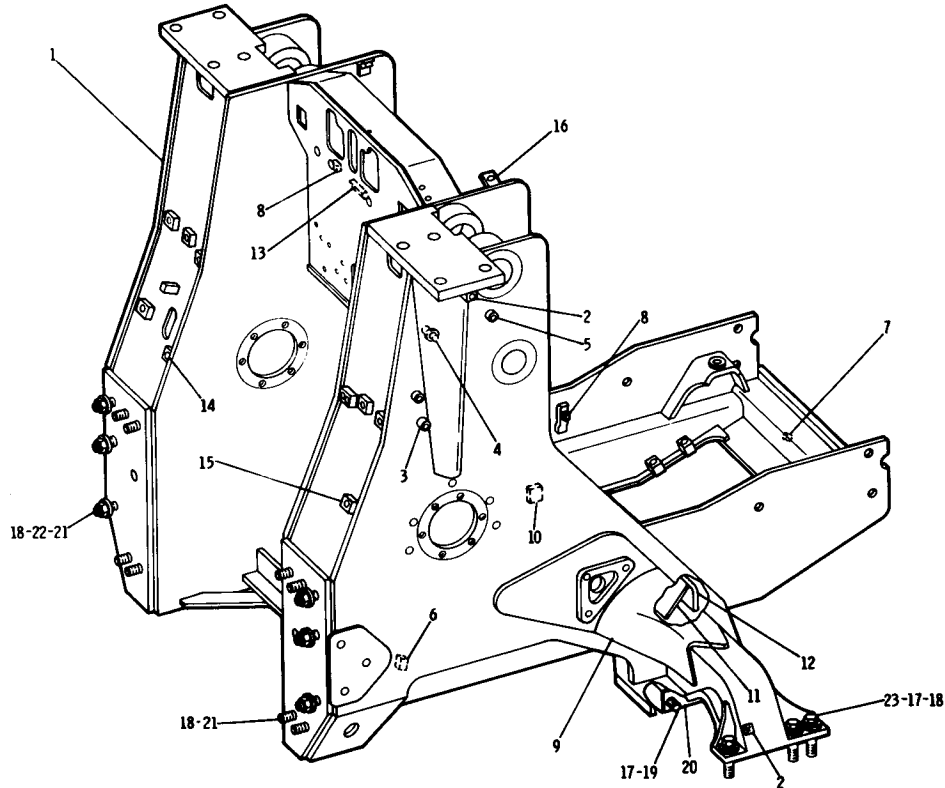


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8P8404	FRAME ASSEM. -----	1
		(Includes)	
2	3S5275	BLOCK-----	4
3	6J499	LUG-----	2
4	4K8479	STUD-----	16
5	5D931	BOSS-----	4
6	5H9409	LUG-----	2
7	4B6221	LUG-----	2
8	9F2978	NUT-----	10
9	7K3206	REINFORCEMENT-----	2
10	5D2222	BLOCK-----	1
11	7K4610	PLATE-----	2
12	7K4609	PLATE-----	2
13	2K3656	BAR-----	1
14	8S1783	PLATE-----	2
15	2J2411	BLOCK-----	6
16	1D4631	BOLT-----	12
17	9H1031	WASHER---5,95 mm(.234 in.) thick	18
18	3K5234	WASHER---6,35 mm(.250 in.) thick	32
19	1D4626	BOLT-----	6
20	1S2428	SHIM-----	6
21	1D4639	BOLT-----	14
22	2J3507	NUT-----	6

218139

8P7752 LOADER FRAME GROUP

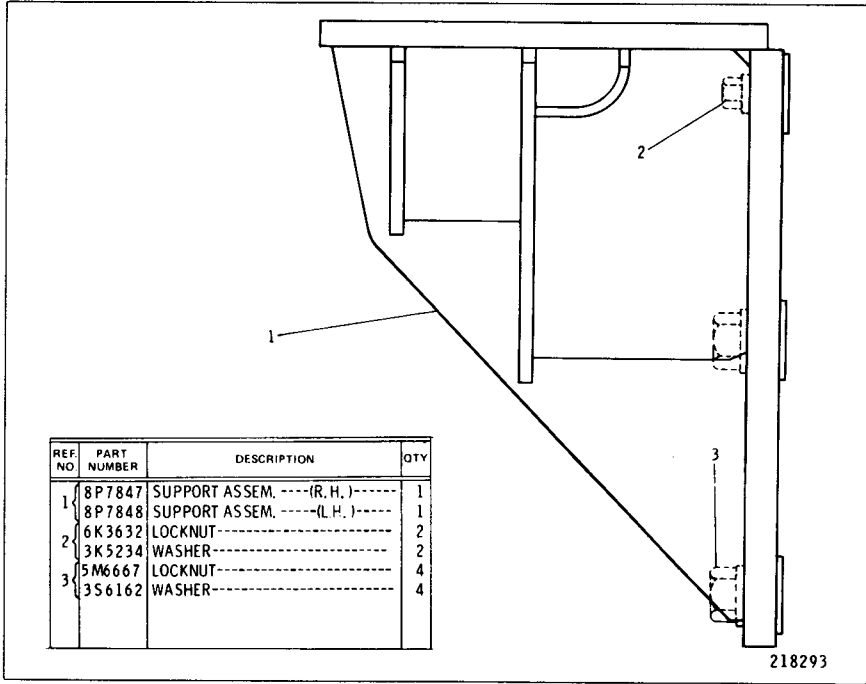
9P5235 LOADER FRAME GROUP  
 Part of 9P5233 Wide Gauge Track Loader Arrangement listed on Page 143  
 AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	9P5236	FRAME ASSEM.----- (Includes)	1
2	3S5275	BLOCK-----	4
3	6J499	LUG-----	2
4	4K8479	STUD-----	16
5	5D931	BOSS-----	4
6	5H9409	LUG-----	2
7	4B6221	LUG-----	2
8	9F2978	NUT-----	10
9	7K3206	REINFORCEMENT-----	2
10	5K6586	BLOCK-----	2
11	7K4610	PLATE-----	2
12	7K4609	PLATE-----	2
13	2K3656	BAR-----	1
14	8S1783	PLATE-----	2
15	2J2411	BLOCK-----	6
16	5K8973	CLIP ASSEM.----- (Each Includes)	2
	9F2978	NUT-----	1
17	9H1031	WASHER----5.95mm(.234 in. thick)	18
18	3K5234	WASHER----6.35mm(.25 in. thick)	32
19	1D4634	BOLT-----	6
20	1S2428	SHIM-----	6
21	1D4639	BOLT-----	14
22	2J3507	NUT-----	6
23	1D4631	BOLT-----	12

218192





9P124 ROLL-OVER PROTECTIVE STRUCTURE MOUNTING GROUP

## CONSISTS OF:

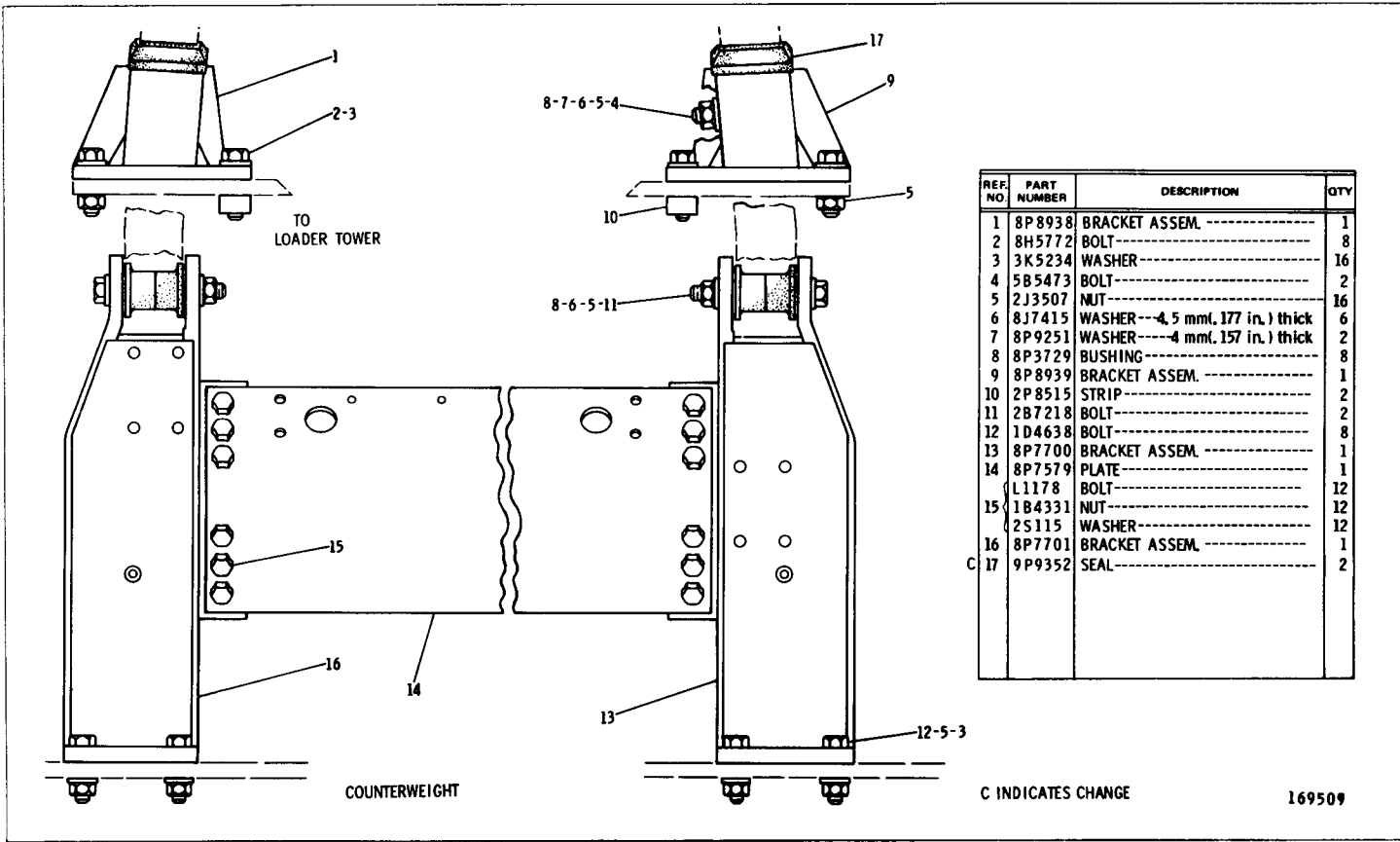
- 1 3S3928 GUARD--TO SUPPORT ASSEMBLY AND GUARD ASSEMBLY
- 6 6H1717 BOLT--GUARD TO SUPPORT ASSEMBLY AND GUARD ASSEMBLY
- 6 5P1076 WASHER--GUARD TO SUPPORT ASSEMBLY AND GUARD ASSEMBLY
- 1 5P8524 GROMMET--TO GUARD ASSEMBLY
- 1 7G1296 GUARD ASSEMBLY--TO SUPPORT ASSEMBLY

## CONSISTS OF:

- 1 9P9221 DOOR
- 1 8H2282 HINGE
- 2 1F748 NUT

9P5693 NON-ROPS CONVERSION ARRANGEMENT  
FOR EXPORTED MACHINES WITHOUT ROPS  
AN ATTACHMENT

7G933 ROLL-OVER PROTECTIVE STRUCTURE MOUNTING GROUP

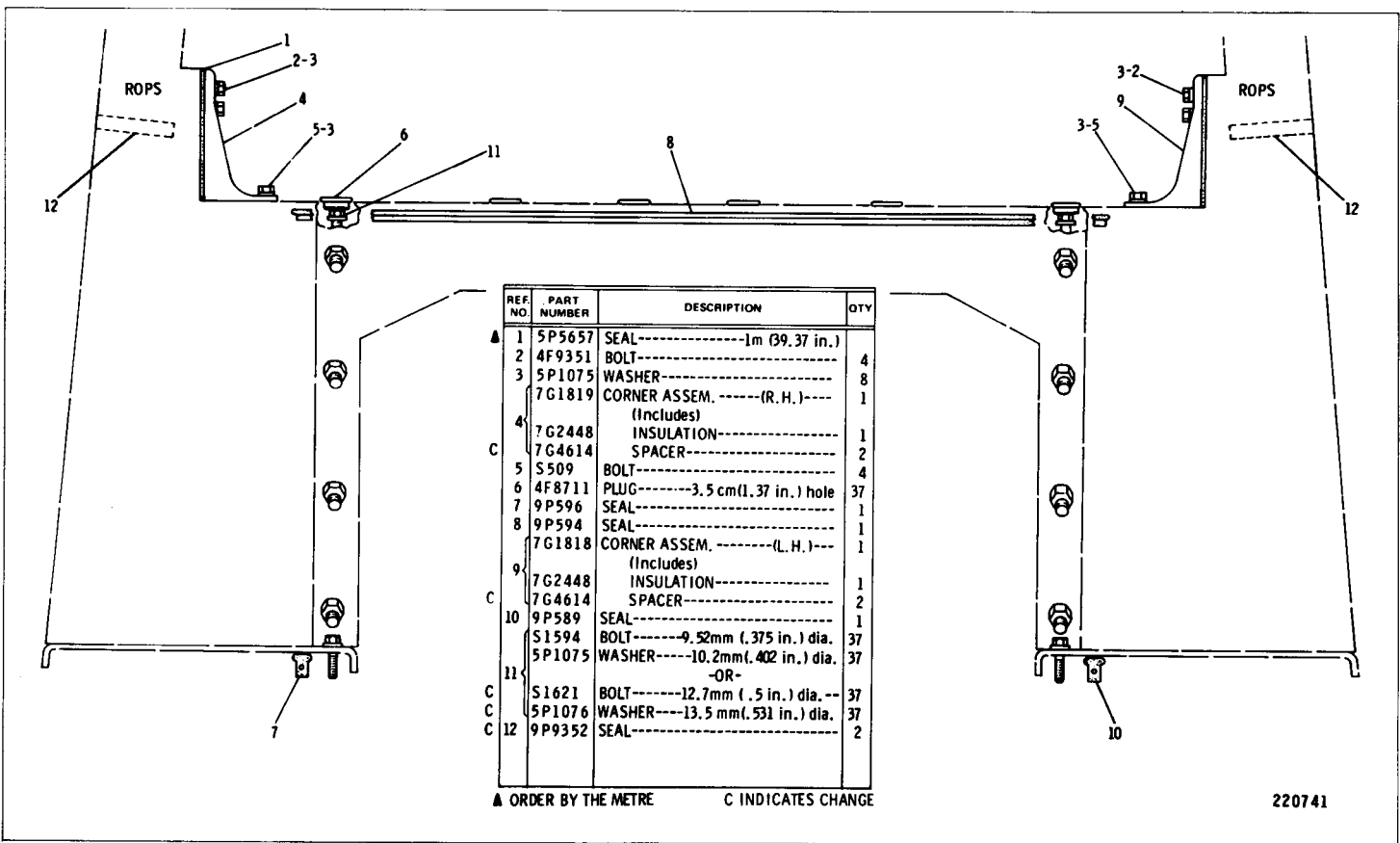


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8P 8938	BRACKET ASSEM. -----	1
2	8H5772	BOLT-----	8
3	3K5234	WASHER-----	16
4	5B5473	BOLT-----	2
5	2J3507	NUT-----	16
6	8J7415	WASHER---4.5 mm(.177 in.) thick	6
7	8P9251	WASHER---4 mm(.157 in.) thick	2
8	8P3729	BUSHING-----	8
9	8P8939	BRACKET ASSEM. -----	1
10	2P8515	STRIP-----	2
11	2B7218	BOLT-----	2
12	1D4638	BOLT-----	8
13	8P7700	BRACKET ASSEM. -----	1
14	8P7579	PLATE-----	1
15	L1178	BOLT-----	12
15	1B4331	NUT-----	12
16	2S115	WASHER-----	12
16	8P7701	BRACKET ASSEM. -----	1
C 17	9P9352	SEAL-----	2

C INDICATES CHANGE

169509

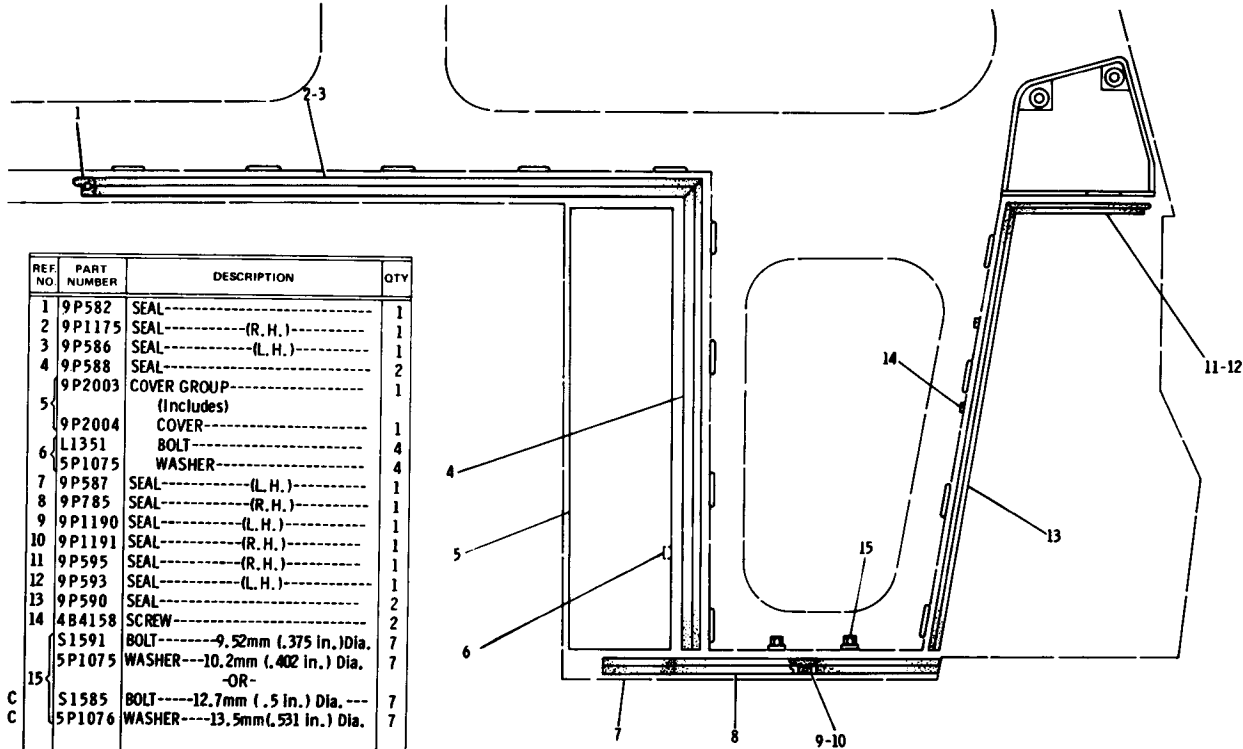
CHASSIS AND UNDERCARRIAGE



220741

9P698 CAB MOUNTING GROUP—Front View  
Serial No. 14X1 to 14X1579 inclusive

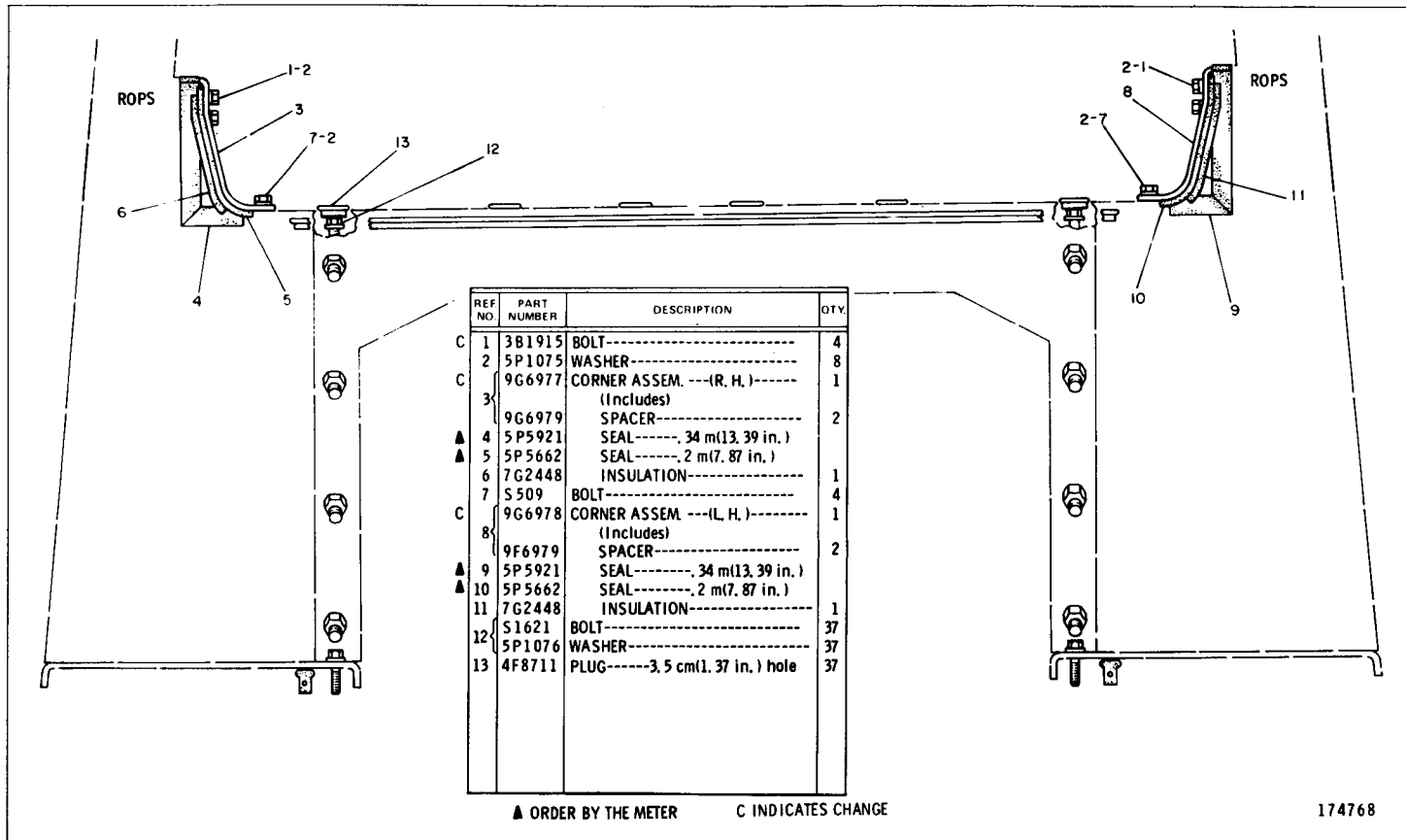
9P698 CAB MOUNTING GROUP—Side View  
Serial No. 14X1 to 14X1579 inclusive



REF NO.	PART NUMBER	DESCRIPTION	QTY
1	9P582	SEAL-----	1
2	9P1175	SEAL----- (R. H.)-----	1
3	9P586	SEAL----- (L. H.)-----	1
4	9P588	SEAL-----	2
	9P2003	COVER GROUP-----	1
5		(Includes)	
	9P2004	COVER-----	1
	L1351	BOLT-----	4
6	5P1075	WASHER-----	4
7	9P587	SEAL----- (L. H.)-----	1
8	9P785	SEAL----- (R. H.)-----	1
9	9P1190	SEAL----- (L. H.)-----	1
10	9P1191	SEAL----- (R. H.)-----	1
11	9P595	SEAL----- (R. H.)-----	1
12	9P593	SEAL----- (L. H.)-----	1
13	9P590	SEAL-----	2
14	4B4158	SCREW-----	2
	S1591	BOLT-----9.52mm (.375 in.) Dia.	7
	5P1075	WASHER---10.2mm (.402 in.) Dia.	7
		-OR-	
C	S1585	BOLT-----12.7mm (.5 in.) Dia.---	7
C	5P1076	WASHER---13.5mm (.531 in.) Dia.	7

C INDICATES CHANGE

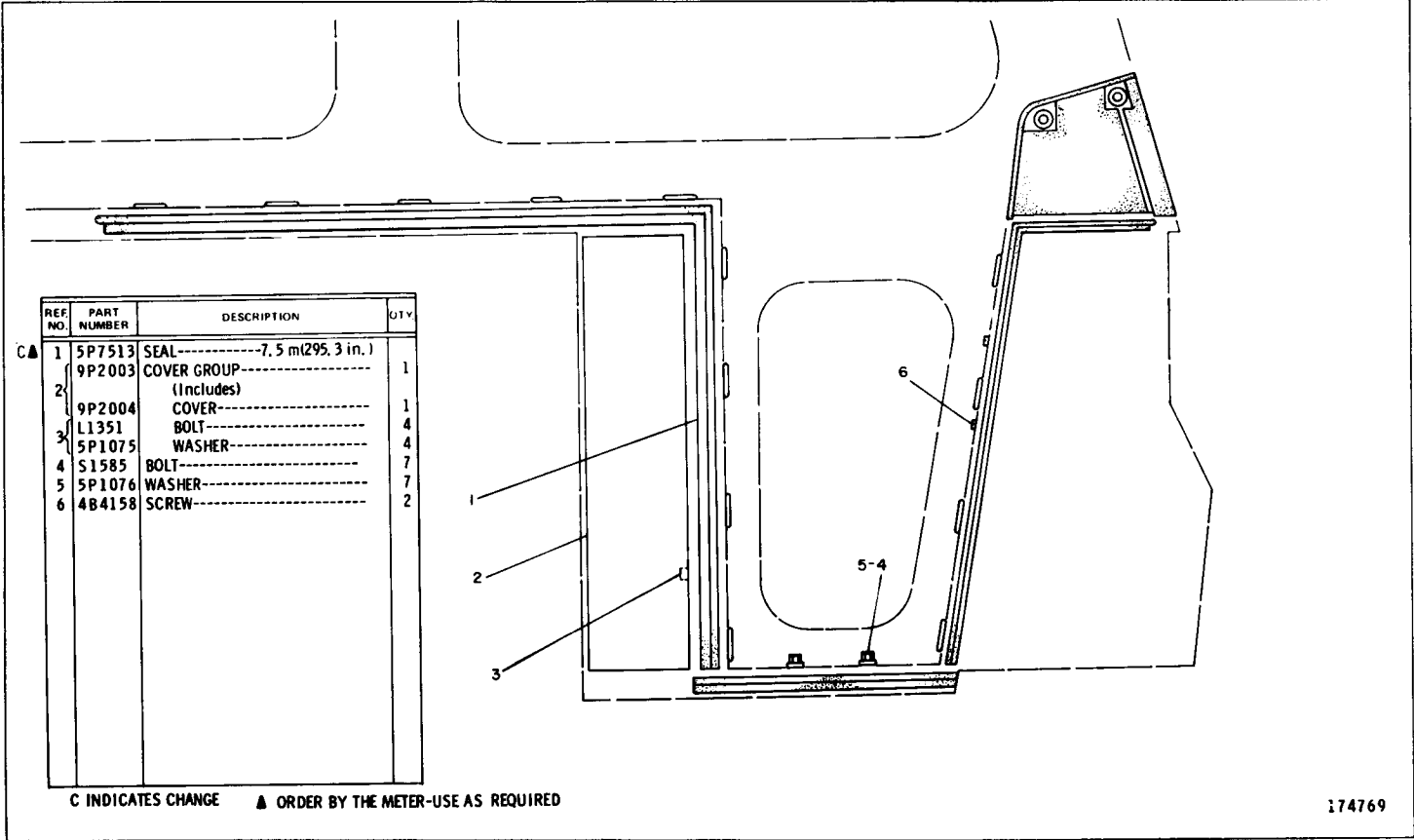
220742

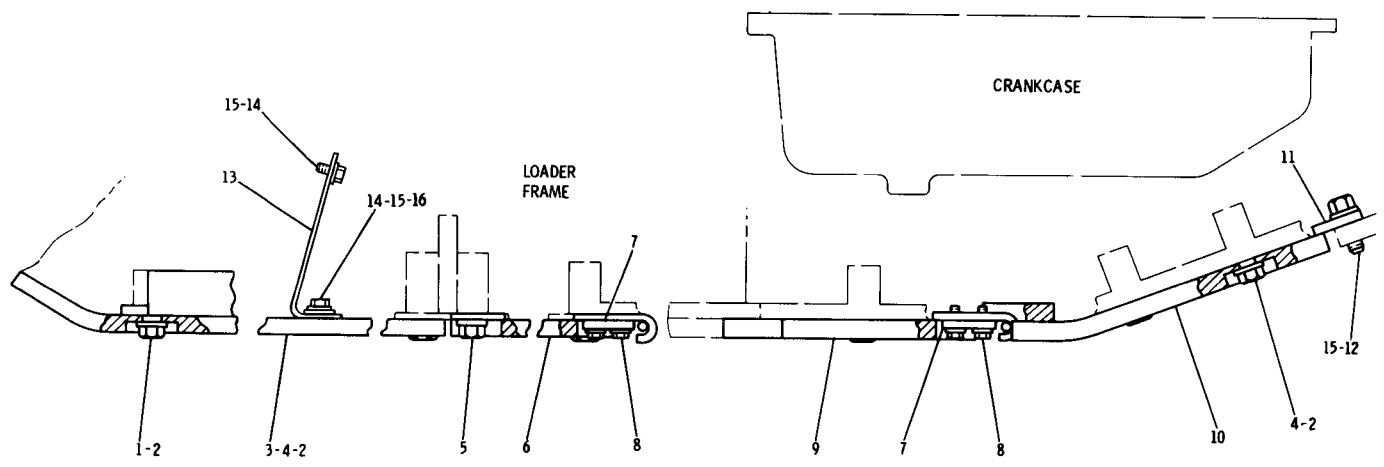


174768

9P698 CAB MOUNTING GROUP—Front View  
Serial No. 14X1580—Up

9P698 CAB MOUNTING GROUP—Side View  
Serial No. 14X1580—Up





REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1A1135	BOLT-----	4
2	5P8247	WASHER-----	19
3	7G780	GUARD ASSEM.-----	1
4	8S9092	BOLT-----	8
5	S1625	BOLT-----	7
6	7G778	GUARD ASSEM.-----	1
7	7K1705	BAR-----	4
8	4F7957	BOLT-----	8
8	5P4115	WASHER-----	8

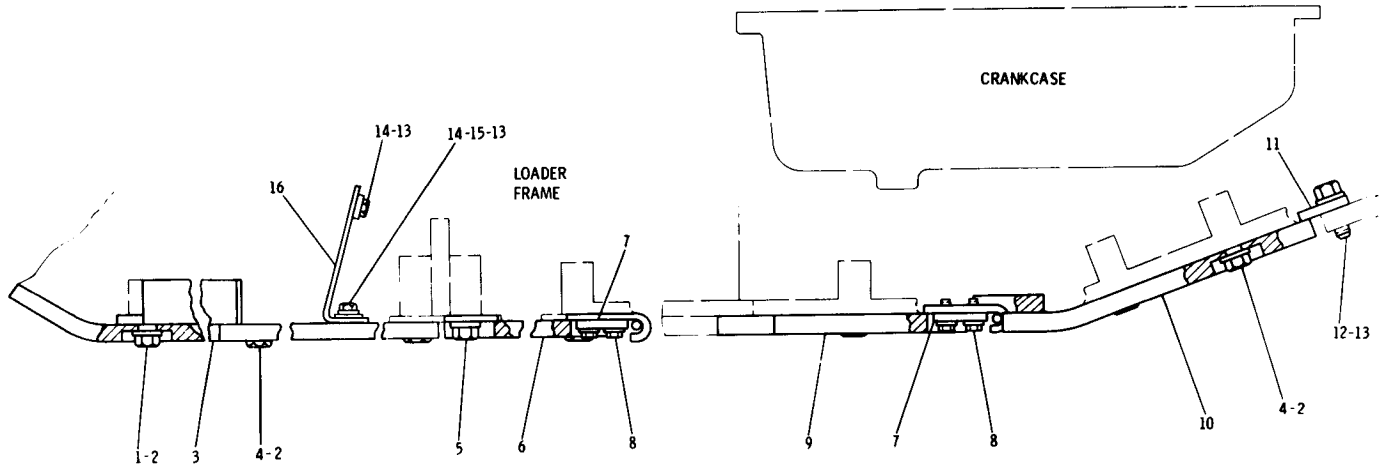
9	7G776	GUARD ASSEM.-----	1
10	7G773	GUARD ASSEM.-----	1
11	6K2451	BAR-----	1
12	7B3235	BOLT-----	2
	5P1076	WASHER-----	2
C 13	6K2487	PLATE----- (R.H.)-----	1
C 13	6K2488	PLATE----- (L.H.)-----	1
C 14	6H1717	BOLT-----	6
C 15	5P1076	WASHER----- (Conical)-----	8
C 16	1B3310	WASHER-----	4

C INDICATES CHANGE

170:22

7G785 CRANKCASE GUARD GROUP  
 Part of 9P3315 Steel Mill Arrangement listed on Page 142  
 AN ATTACHMENT

### 7G784 CRANKCASE GUARD GROUP



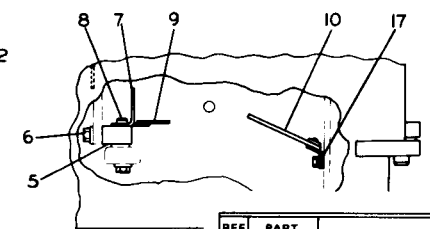
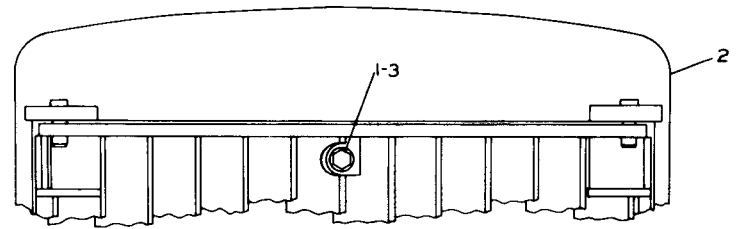
REF NO.	PART NUMBER	DESCRIPTION	QTY
1	1A1135	BOLT-----	4
2	5P8247	WASHER-----	19
3	7G769	GUARD ASSEM.-----	1
4	8S9092	BOLT-----	8
5	5I625	BOLT-----	7
6	7G767	GUARD ASSEM.-----	1
7	7K1705	BAR-----	4
8	4F7957	BOLT-----	8
	5P4115	WASHER-----	8

	9	7G765	GUARD ASSEM.-----	1
	10	7G762	GUARD ASSEM.-----	1
	11	6K2451	BAR-----	1
	12	7B3235	BOLT-----	2
C	13	5P1076	WASHER-----	8
C	14	6H1717	BOLT-----	6
C	15	1B3310	WASHER-----	4
C	16	6K2487	PLATE----- (R. H.)-----	1
C		6K2488	PLATE----- (L. H.)-----	1

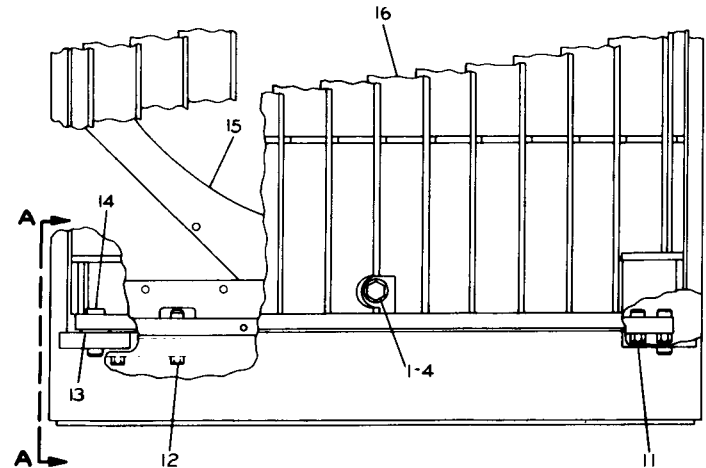
C INDICATES CHANGE

170121





VIEW A-A



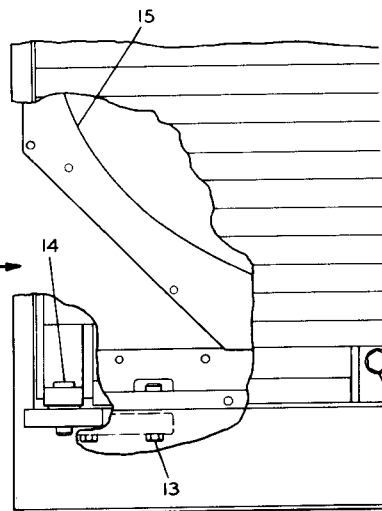
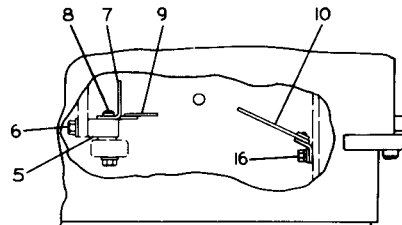
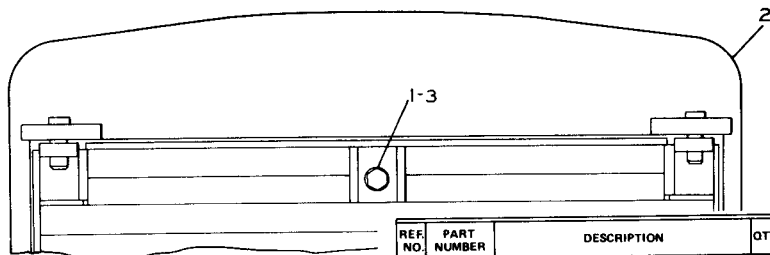
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	S1625	BOLT-----	2
	4D3704	WASHER-----	2
	3P935	GUARD ASSEM.-----	1
2	9H5464	GUSSET-----	2
	5F5839	PLATE-----	1
3	9S5638	LUG-----	1
4	9S5641	LUG-----	1
5	3P1284	BAR-----	1
	9S1366	BOLT-----	4
	2M849	WASHER-----	4
6	3P1278	SUPPORT ASSEM.-----	1
7	9F2978	NUT-----(-weld)	1
8	1F748	NUT-----(-weld)	4
9	3P1274	BAFFLE ASSEM.-----	1
	9F2978	NUT-----(-weld)	1
10	3P1285	BAFFLE ASSEM.-----	1
11	2A4639	BOLT-----	3
12	V375	BOLT-----	4
13	1A5665	WASHER-----	2
	4H4311	PIN-----	4
14	3B4629	COTTER PIN-----	4
15	3P1282	PLATE-----	2
16	9S5347	GRID ASSEM.-----	1
C	S509	BOLT-----	1
C	3B4506	LOCKWASHER-----	1
C	4B4278	WASHER-----	6

C INDICATES CHANGE

210509

3P1887 RADIATOR GUARD GROUP  
 Part of 9P3315 Steel Mill Arrangement listed on Page 142  
 AN ATTACHMENT

### 3P1886 RADIATOR GUARD GROUP AN ATTACHMENT



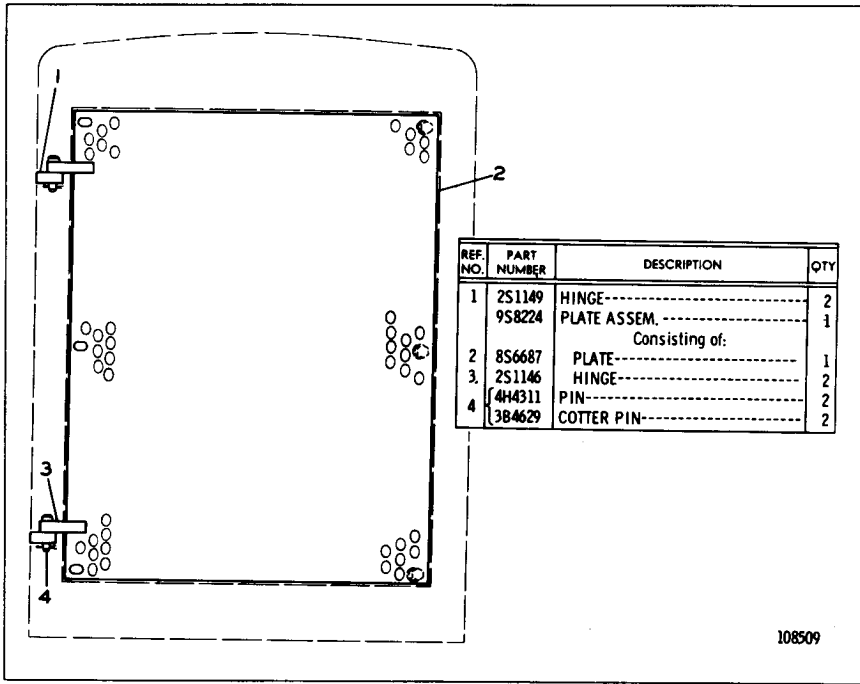
REF NO.	PART NUMBER	DESCRIPTION	QTY
1	1A1135	BOLT-----	2
	4D3704	WASHER-----	2
	3P935	GUARD ASSEM.	1
2	9H5464	GUSSET-----	2
	5F5839	PLATE-----	1
3	9S5638	LUG-----	1
4	9S5641	LUG-----	1

5	3P1284	BAR-----	1
6	9S1366	BOLT-----	4
	2M849	WASHER-----	4
7	3P1278	SUPPORT ASSEM.	1
		(Includes)	
8	9F2978	NUT-----	1
	1F748	NUT-----	4
9	3P1274	BAFFLE ASSEM.	1
		(Includes)	
10	9F2978	NUT-----	2
	3P1285	BAFFLE ASSEM.	1
11	9S9550	GRID ASSEM.	1
12	2A4639	BOLT-----	3
13	V375	BOLT-----	4
	4H4311	PIN-----	4
14	3B4629	COTTER PIN-----	4
	1A5665	WASHER-----	2
15	3P1282	PLATE-----	2
	S509	BOLT-----	1
16	3B4506	LOCKWASHER-----	1
	4B4278	WASHER-----	6

C INDICATES CHANGE

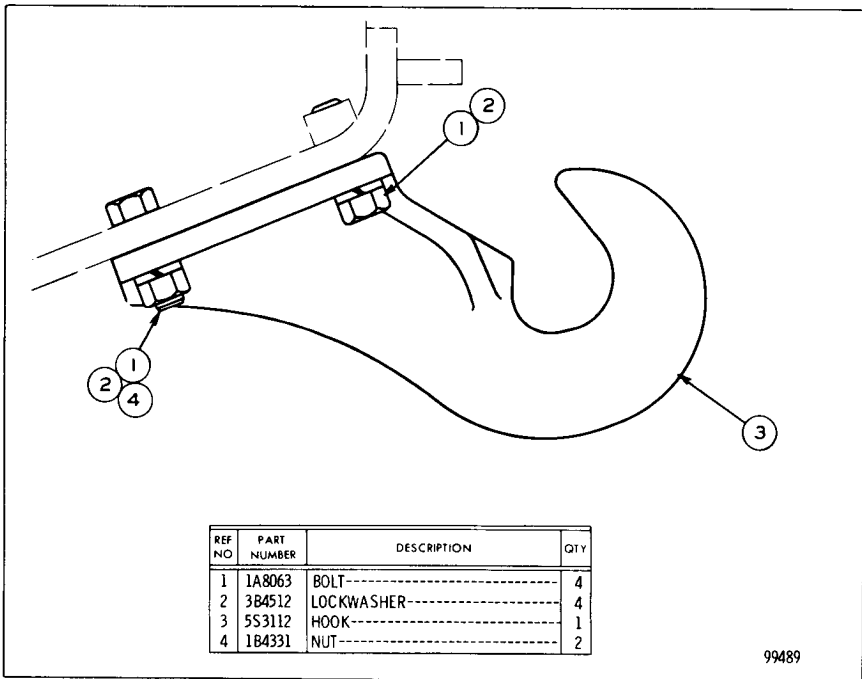
210966

CATERPILLAR 977L TRACK LOADER



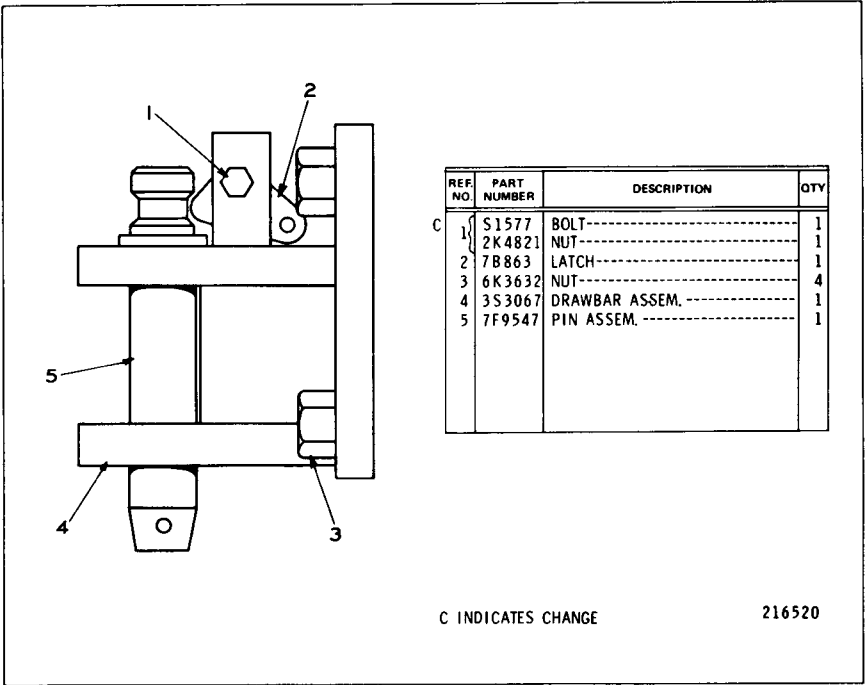
108509

9S8225 RADIATOR GRILL HINGED PLATE GROUP AN ATTACHMENT

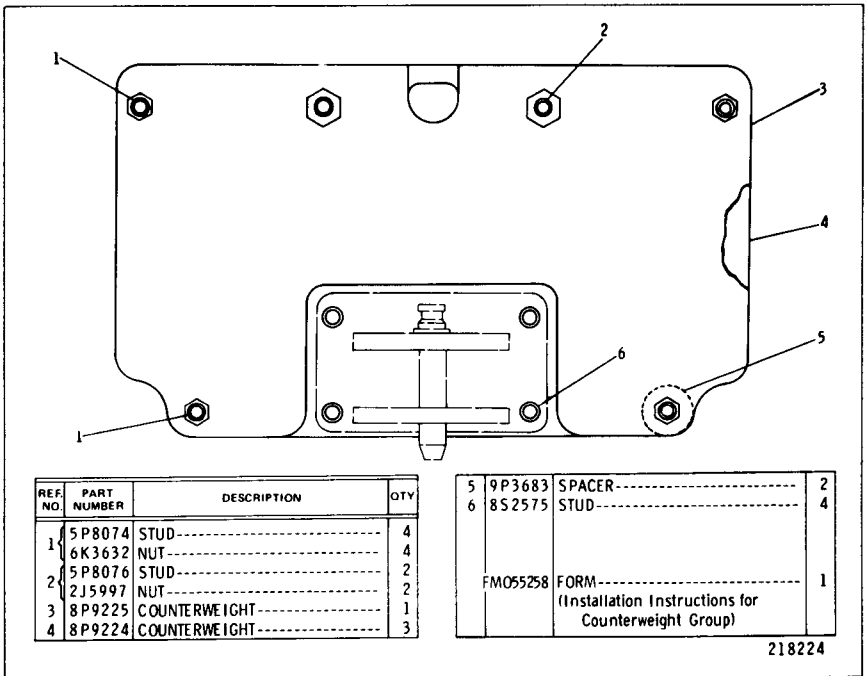


99489

4S8076 FRONT PULL HOOK GROUP AN ATTACHMENT



3S3397 DRAWBAR GROUP



9P4544 COUNTERWEIGHT GROUP—1297 kg (2860 Pounds)  
AN ATTACHMENT

CATERPILLAR 977L TRACK LOADER

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
C 1	6V1180	STUD-----	4
2	5P7494	STUD-----	2
	2J5997	STUD-----	2
3	8P9225	COUNTERWEIGHT-----	1
4	8P9224	COUNTERWEIGHT-----	1
5	9P3683	SPACER-----	2

C 6	8S2571	STUD-----	4
7	6K3632	NUT-----	2
FMO55258 FORM-----			1
(Installation Instructions for Counterweight Group)			

C INDICATES CHANGE 171431

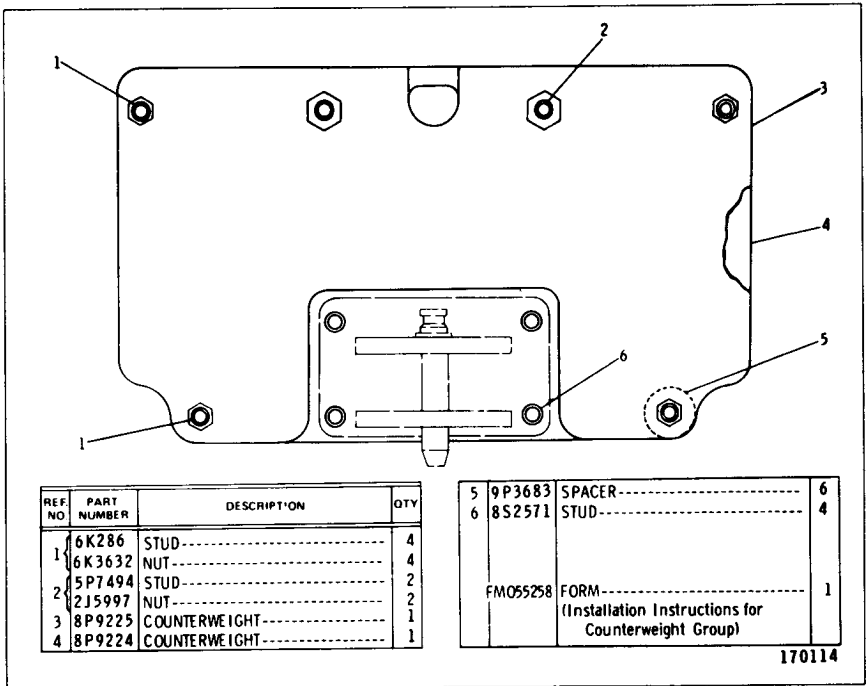
8P7691 COUNTERWEIGHT GROUP—626 kg (1380 Pounds)  
AN ATTACHMENT

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5P8075	STUD-----	4
2	6K3632	NUT-----	4
	1P3334	STUD-----	2
2	2J5997	NUT-----	2
	8P9225	COUNTERWEIGHT-----	1
4	8P9224	COUNTERWEIGHT-----	4

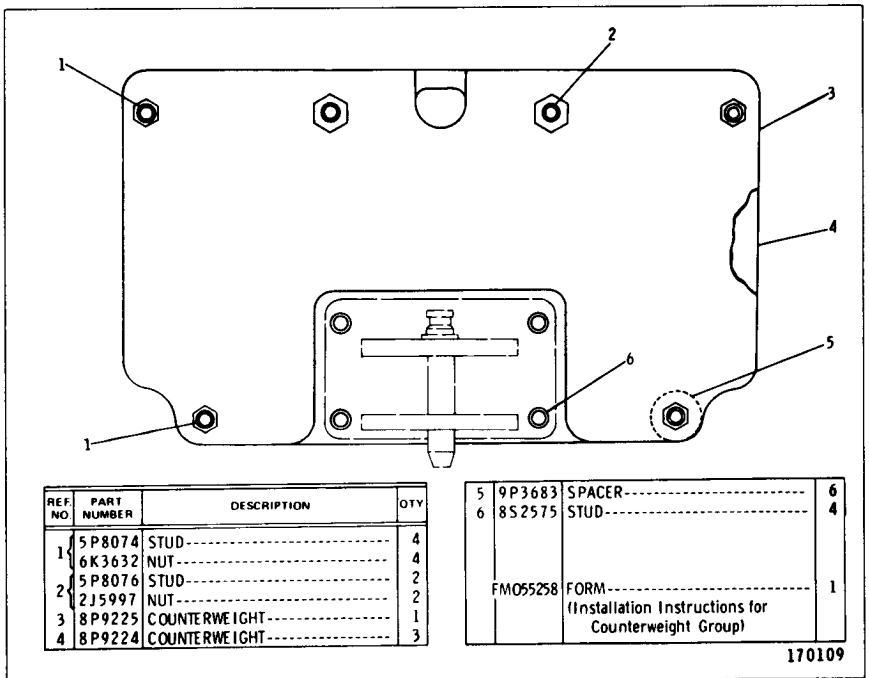
5	9P3683	SPACER-----	6
6	2P9747	STUD-----	4
FMO55258 FORM-----			1
(Installation Instructions for Counterweight Group)			

218736

7G3827 COUNTERWEIGHT GROUP—1636 kg (3600 Pounds)  
FOR USE WITHOUT ROPS MOUNTING. AN ATTACHMENT



7G6185 COUNTERWEIGHT GROUP—626 kg (1380 Pounds)  
FOR USE WITHOUT ROPS MOUNTING. AN ATTACHMENT



7G6184 COUNTERWEIGHT GROUP—1297 kg (2860 Pounds)  
FOR USE WITHOUT ROPS MOUNTING. AN ATTACHMENT

CONSISTS OF:		PAGE
1	9P3314 STEEL MILL ARRANGEMENT—COMPLETE UNIT ...	141
1	9P1402 HYDRAULIC ARRANGEMENT .....	170

9P1442 STEEL MILL ARRANGEMENT—With Fire Resistant Fluid  
AN ATTACHMENT

		CONSISTS OF:	PAGE
1	9P3315	STEEL MILL ARRANGEMENT--TRACTOR PARTS ..	142
1	2P8948	STEEL MILL ARRANGEMENT--ENGINE PARTS ... ENGINE SERIAL NO. 3N69600 TO 3N79762 INCLUSIVE	3
- OR -			
1	8N3189	STEEL MILL ARRANGEMENT--ENGINE PARTS ... ENGINE SERIAL NO. 3N79763 TO 3N90666 INCLUSIVE	3A

**9P3314 STEEL MILL ARRANGEMENT—Complete Unit—Type 1**  
 Also part of 9P1442 Steel Mill Arrangement listed on Page 140B  
 AN ATTACHMENT

		CONSISTS OF:	PAGE
1	9P3315	STEEL MILL ARRANGEMENT--TRACTOR PARTS ..	142
1	8N5688	TRUNNION GROUP ..... ENGINE SERIAL NO. 3N90667--UP	19B

**9P3314 STEEL MILL ARRANGEMENT—Complete Unit—Type 2**  
 Also part of 9P1442 Steel Mill Arrangement listed on Page 140B  
 AN ATTACHMENT



CONSISTS OF:

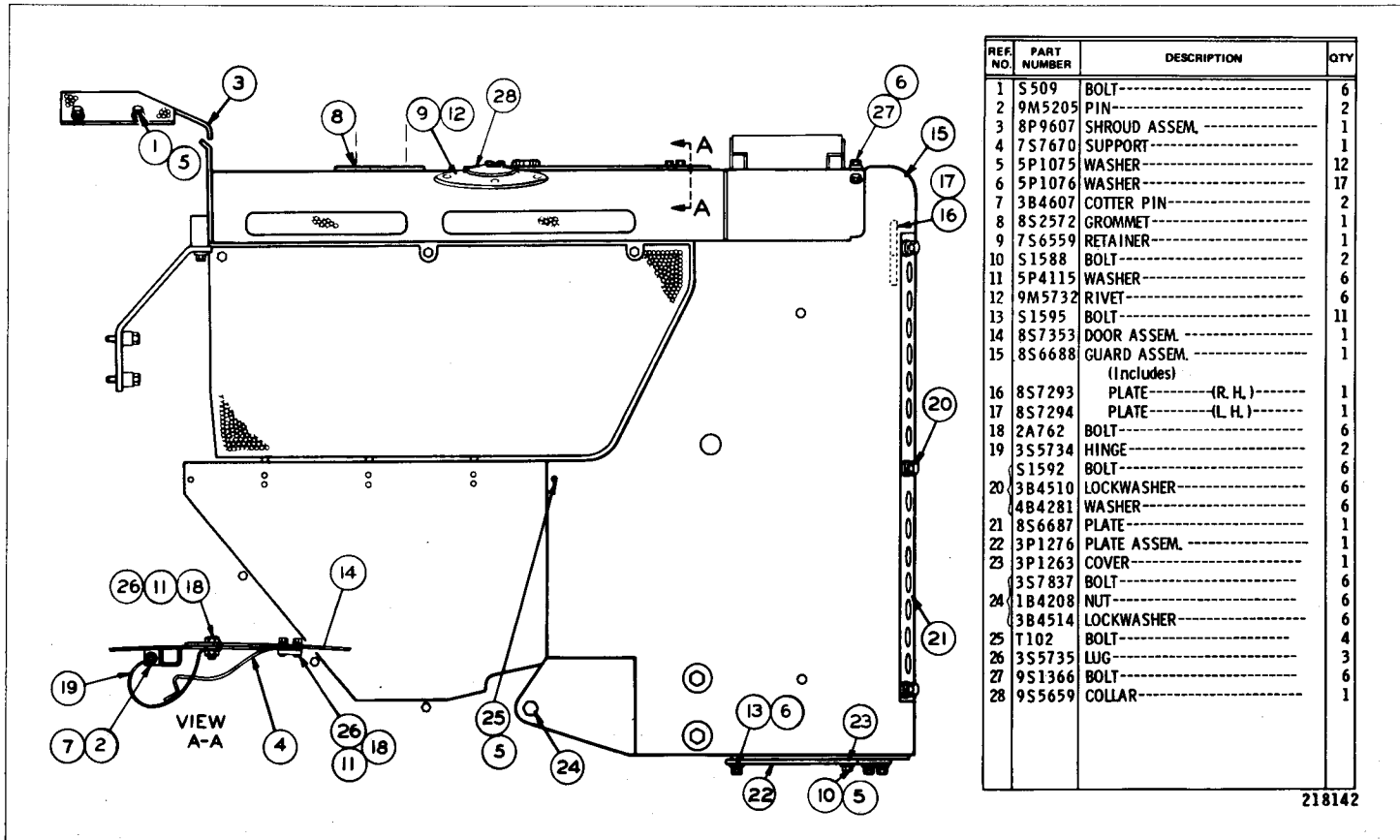
PAGE

1	3P1495	FRONT IDLER GROUP .....	152
1	8S6454	PRECLEANER ASSEMBLY .....	41
1	3P1887	RADIATOR GUARD GROUP .....	136
1	9P9201	ENGINE FUNCTION WARNING GROUP .....	85
1	1P8853	FINAL DRIVE GUARD GROUP .....	155
	- OR -		
1	9G392	FINAL DRIVE GUARD GROUP .....	155B
4	2P3514	TRACK CARRIER ROLLER GROUP .....	160
6	3P1520	TRACK ROLLER GROUP--SINGLE FLANGE .....	164
8	3P1521	TRACK ROLLER GROUP--DOUBLE FLANGE .....	164A
1	7G750	BUCKET CONTROL GROUP .....	222
1	9P7157	TRACK ROLLER FRAME GROUP .....	157
2	9P7425	GUARD AND SPROCKET GROUP .....	155
1	7G785	CRANKCASE GUARD GROUP .....	134
1	2H3924	SEAL	
1	7G8131	HOSE ASSEMBLY	
		CONSISTING OF:	
	▲	8S9355 HOSE--130 CM (51.20 IN.)	
	1	7S575 STEM ASSEMBLY--90°	
	4	3S7252 SLEEVE	
	1	5P4699 STEM ASSEMBLY--90°	
	1	5S3454 STEM ASSEMBLY--67.5°	
1	9P931	BAFFLE ASSEMBLY	
1	9P927	PLUNGER	
1	9P7153	GUARD ASSEMBLY (REAR L.H.)	
1	9P7155	GUARD ASSEMBLY (REAR R.H.)	
2	9S2962	BOLT--LOADER FRAME TO TRACK ROLLER FRAME	
6	9S2963	BOLT--LOADER FRAME TO TRACK ROLLER FRAME	
18	9S2964	WASHER--LOADER FRAME TO TRACK	
12	9S2965	WASHER--LOADER FRAME TO TRACK ROLLER FRAME	
1	2P7980	HOOD ASSEMBLY	
1	2P8908	CAP ASSEMBLY	
8	9S2961	WASHER--TRACK ROLLER FRAME TO BEVEL GEAR CASE	
8	9S2960	BOLT--TRACK ROLLER FRAME TO BEVEL GEAR CASE	
▲	5P1196	TUBE--COPPER--AIR CLEANER INDICATOR--210 CM (82.7")	

▲ ORDER BY THE CENTIMETRE

CONSISTS OF:			PAGE
1	9P2021	TRACK ROLLER FRAME GROUP .....	158
1	6P7852	STEERING CLUTCH GROUP .....	116
1	6P7855	FINAL DRIVE GROUP .....	112
1	9P5235	LOADER FRAME GROUP .....	129
1	2V5683	GENERAL PURPOSE BUCKET ASSEMBLY .....	230
2	8P6227	TRACK GROUP .....	168
1	7G4843	RECOIL MECHANISM GUARD GROUP .....	154A

9P5233 WIDE GAUGE TRACK LOADER ARRANGEMENT—2083 mm (82 in.)  
AN ATTACHMENT

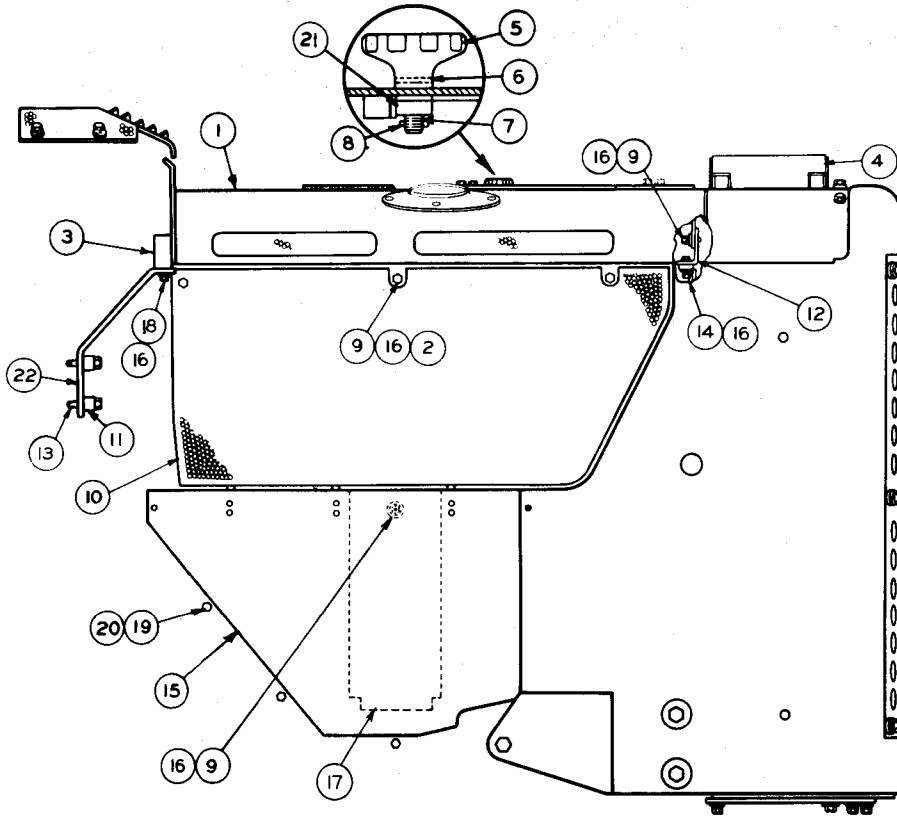


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	S 509	BOLT-----	6
2	9M5205	PIN-----	2
3	8P9607	SHROUD ASSEM.-----	1
4	7S7670	SUPPORT-----	1
5	5P1075	WASHER-----	12
6	5P1076	WASHER-----	17
7	3B4607	COTTER PIN-----	2
8	8S2572	GROGMET-----	1
9	7S6559	RETAINER-----	1
10	S 1588	BOLT-----	2
11	5P4115	WASHER-----	6
12	9M5732	RIVET-----	6
13	S 1595	BOLT-----	11
14	8S7353	DOOR ASSEM.-----	1
15	8S6688	GUARD ASSEM.-----	1
		(Includes)	
16	8S7293	PLATE----- (R. H.)-----	1
17	8S7294	PLATE----- (L. H.)-----	1
18	2A762	BOLT-----	6
19	3S5734	HINGE-----	2
	S 1592	BOLT-----	6
20	3B4510	LOCKWASHER-----	6
	4B4281	WASHER-----	6
21	8S6687	PLATE-----	1
22	3P1276	PLATE ASSEM.-----	1
23	3P1263	COVER-----	1
	3S7837	BOLT-----	6
24	1B4208	NUT-----	6
	3B4514	LOCKWASHER-----	6
25	T 102	BOLT-----	4
26	3S5735	LUG-----	3
27	9S1366	BOLT-----	6
28	9S5659	COLLAR-----	1

218142

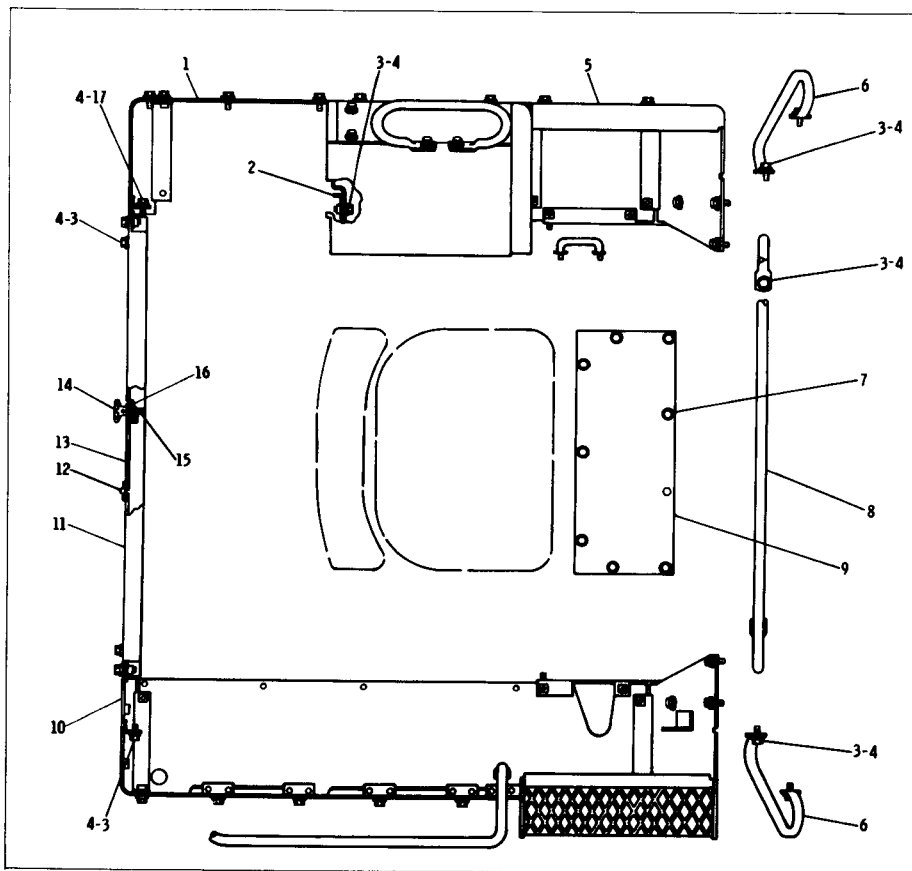
8P7754 HOOD AND GUARD GROUP—Part 1

8P7754 HOOD AND GUARD GROUP—Part 2



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1P6286	HOOD ASSEM. ----- (Includes)	1
2	1F748	NUT-----	4
3	8S7969	BLOCK-----	2
4	1P3764	COVER ASSEM.-----	1
	2M3881	LUG-----	1
	7S2043	KNOB ASSEM.-----	1
5		(Includes)	
	2D4295	KNOB-----	1
6	3H6660	PIN-----	1
7	7S2042	STUD-----	1
8	4H1641	PIN-----	1
9	S1621	BOLT-----	9
10	8S1097	GUARD ASSEM. -----(R. H.)	1
	8S1098	GUARD ASSEM. -----(L. H.)	1
11	7S3820	SPACER-----	6
12	2P3097	BRACKET-----	2
13	2B947	BOLT-----	6
14	S1587	BOLT-----	2
	104719	NUT-----	2
15	9S8209	PLATE ASSEM. -----(R. H.)	1
	7G2676	PLATE ASSEM. -----(L. H.)	1
16	5P1076	WASHER-----	17
17	7G2594	PLATE ASSEM.-----	1
18	1A1460	BOLT-----	4
19	S1591	BOLT-----	6
20	5P1075	WASHER-----	6
21	9S8230	PLATE ASSEM.-----	1
22	8P8520	BRACKET----- (R. H.)	1
	8P8521	BRACKET----- (L. H.)	1

218143

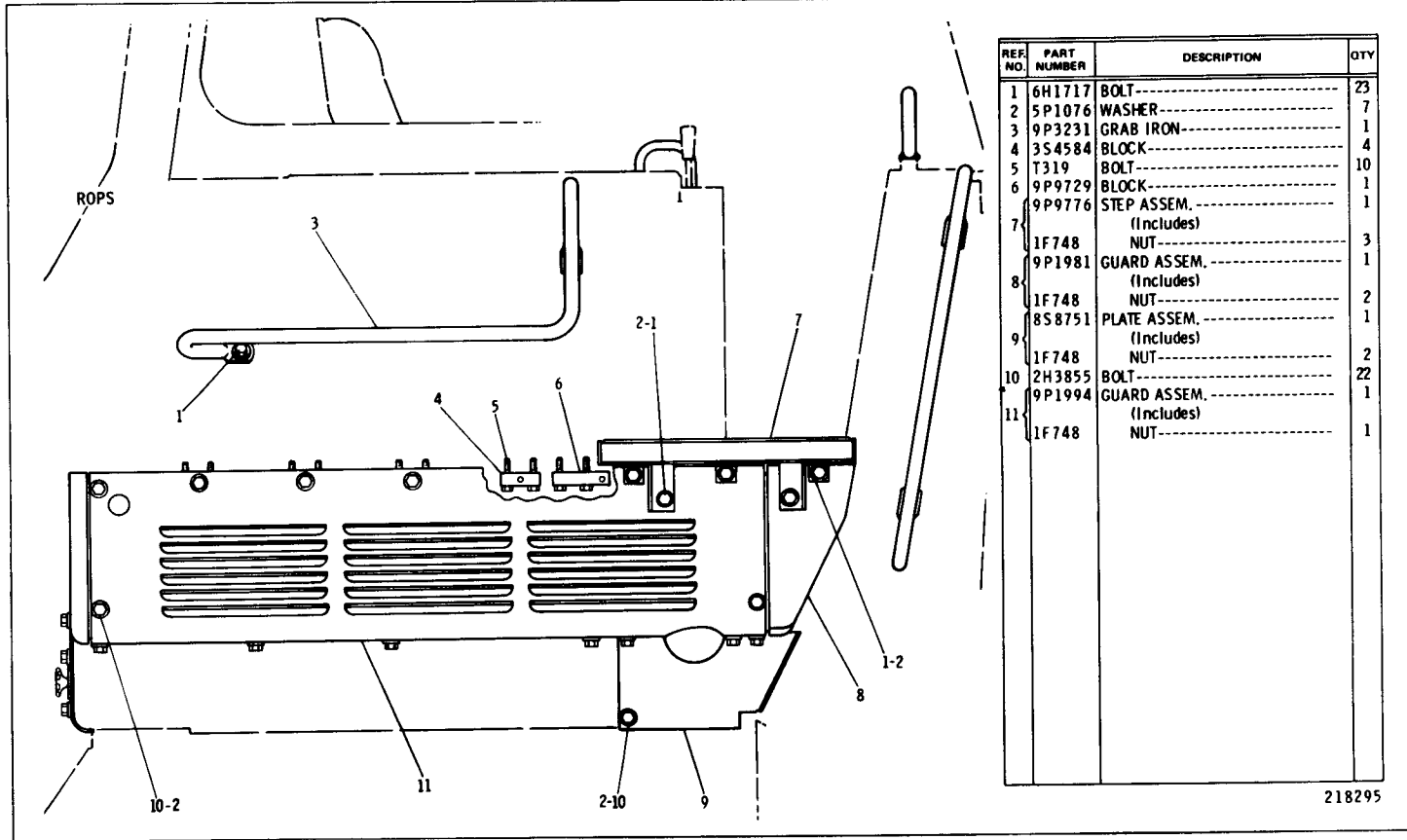


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	9P4872	GUARD ASSEM. -----	1
		(Includes)	
	1F748	NUT-----	5
2	9P2625	BRACKET ASSEM. -----	1
		(Includes)	
3	1F748	NUT-----	2
	6H1717	BOLT-----	17
4	5P1076	WASHER-----	18
	9P1710	FLOORPLATE ASSEM. -----	1
		(Includes)	
5	1F748	NUT-----	3
	9P3226	GRABIRON-----	2
6	L1351	BOLT-----	9
	3F1417	WASHER-----	9
	5P1075	WASHER-----	9
8	9P3227	GRABIRON-----	1
9	9P1801	FLOORPLATE-----	1
	9P4873	BRACKET ASSEM. -----	1
10		(Includes)	
	1F748	NUT-----	2
11	9P9219	GUARD ASSEM. -----	1
12		(Includes)	
	8H2282	HINGE-----	1
13	9P9221	DOOR-----	1
	7S2043	KNOB ASSEM. -----	1
14		(Includes)	
	2D4295	KNOB-----	1
15	7S2042	STUD-----	1
	3H6660	PIN-----	1
16	4H1641	PIN-----	1
	9S8230	PLATE ASSEM. -----	1
17	2H3855	BOLT-----	1

218216

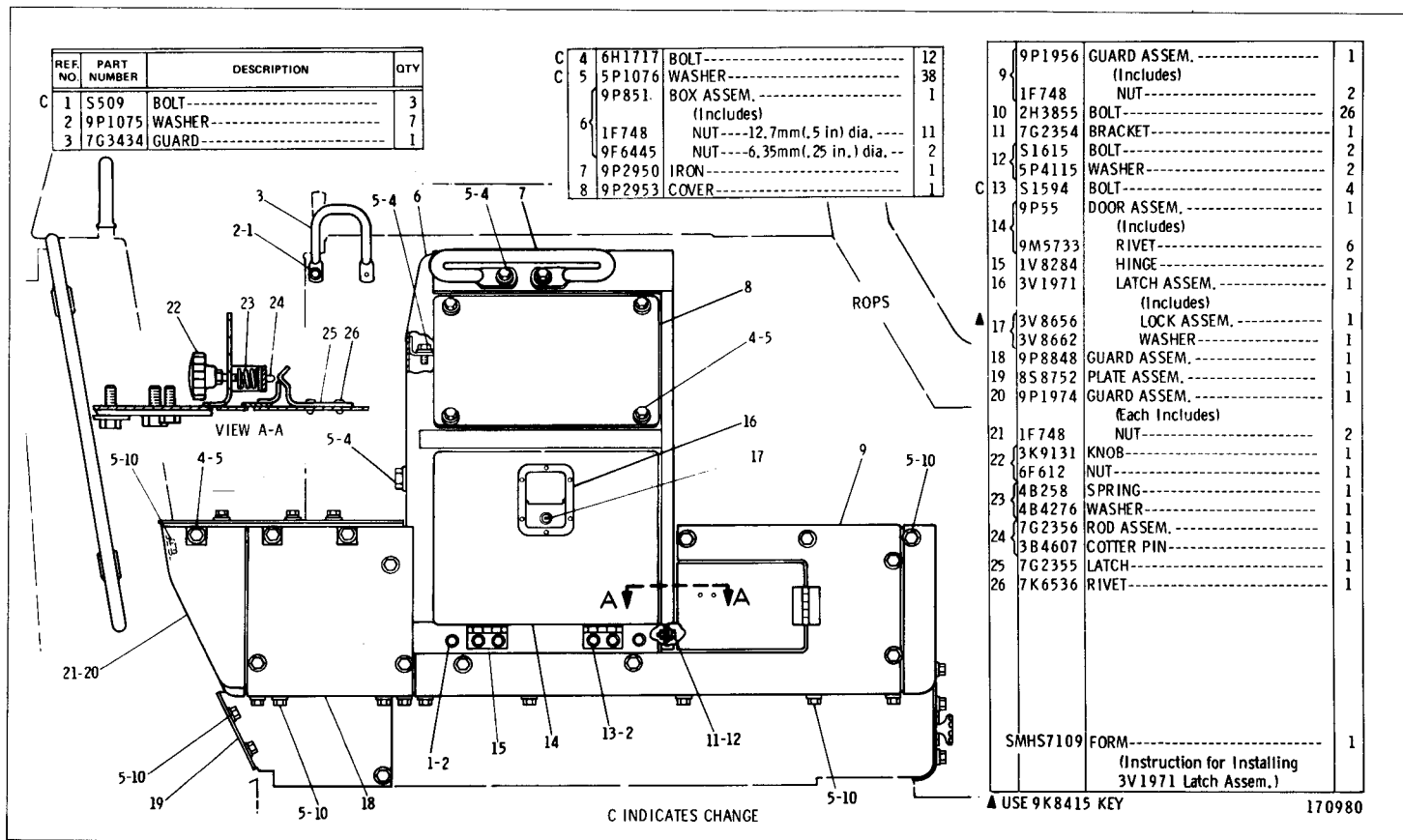
BP7747 OPERATOR PLATFORM GROUP—Top View—Part 1 of 3  
Serial No. 14X1 to 14X1750 inclusive

8P7747 OPERATOR PLATFORM GROUP—Side View—Part 2 of 3  
 Serial No. 14X1 to 14X1750 inclusive



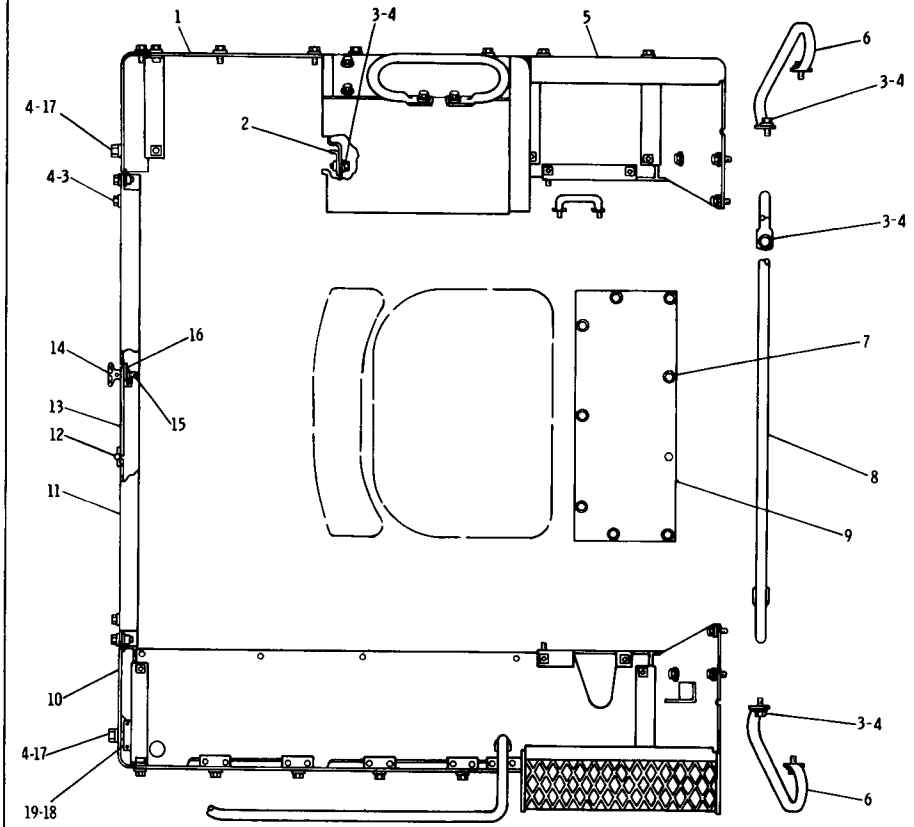
REF NO.	PART NUMBER	DESCRIPTION	QTY
1	6H1717	BOLT-----	23
2	5P1076	WASHER-----	7
3	9P3231	GRAB IRON-----	1
4	3S4584	BLOCK-----	4
5	T319	BOLT-----	10
6	9P9729	BLOCK-----	1
7	9P9776	STEP ASSEM.-----	1
		(Includes)	
	1F748	NUT-----	3
	9P1981	GUARD ASSEM.-----	1
		(Includes)	
	1F748	NUT-----	2
	8S8751	PLATE ASSEM.-----	1
		(Includes)	
	1F748	NUT-----	2
10	2H3855	BOLT-----	22
	9P1994	GUARD ASSEM.-----	1
		(Includes)	
11	1F748	NUT-----	1

218295



8P7747 OPERATOR PLATFORM GROUP—Side View—Part 3 of 3  
Serial No. 14X1 to 14X1750 inclusive

8P7747 OPERATOR PLATFORM GROUP—Top View—Part 1 of 3  
 Serial No. 14X1751 to 14X1810 inclusive



REF NO.	PART NUMBER	DESCRIPTION	QTY
1	9P4872	GUARD ASSEM.-----	1
		(Includes)	
	1F748	NUT-----	5
2	9P2625	BRACKET ASSEM.-----	1
		(Includes)	
	1F748	NUT-----	2
C 3	6H1717	BOLT-----	16
C 4	5P1076	WASHER-----	17
	9P1710	FLOORPLATE ASSEM.-----	1
		(Includes)	
	1F748	NUT-----	3
6	9P3226	GRAB IRON-----	2
	L1351	BOLT-----	9
7	3F1417	WASHER-----	9
	5P1075	WASHER-----	9
8	9P3227	GRAB IRON-----	1
9	9P1801	FLOORPLATE-----	1
C 10	9P4873	GUARD ASSEM.-----	1
		(Includes)	
	1F748	NUT-----	2
11	9P9219	GUARD ASSEM.-----	1
		(Includes)	
12	8H2282	HINGE-----	1
13	9P9221	DOOR-----	1
	7S2043	KNOB ASSEM.-----	1
		(Includes)	
14	2D4295	KNOB-----	1
	7S2042	STUD-----	1
	3H6660	PIN-----	1
15	4H1641	PIN-----	1
16	9S8230	PLATE ASSEM.-----	1
C 17	2H3855	BOLT-----	1
C 18	3S4584	BLOCK-----	1
C 19	T319	BOLT-----	2

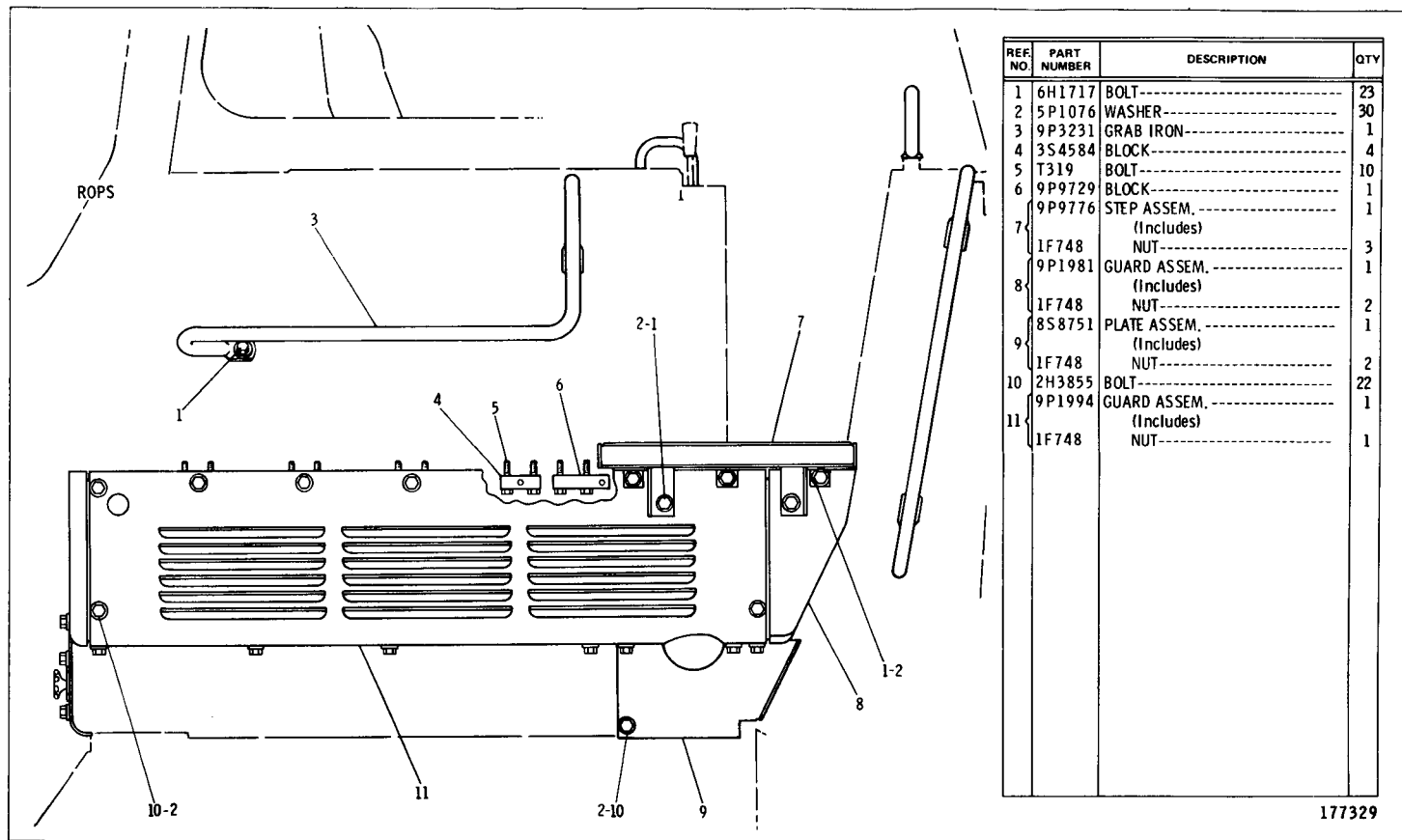
C INDICATES CHANGE

177318

CHASSIS AND UNDERCARRIAGE

148A

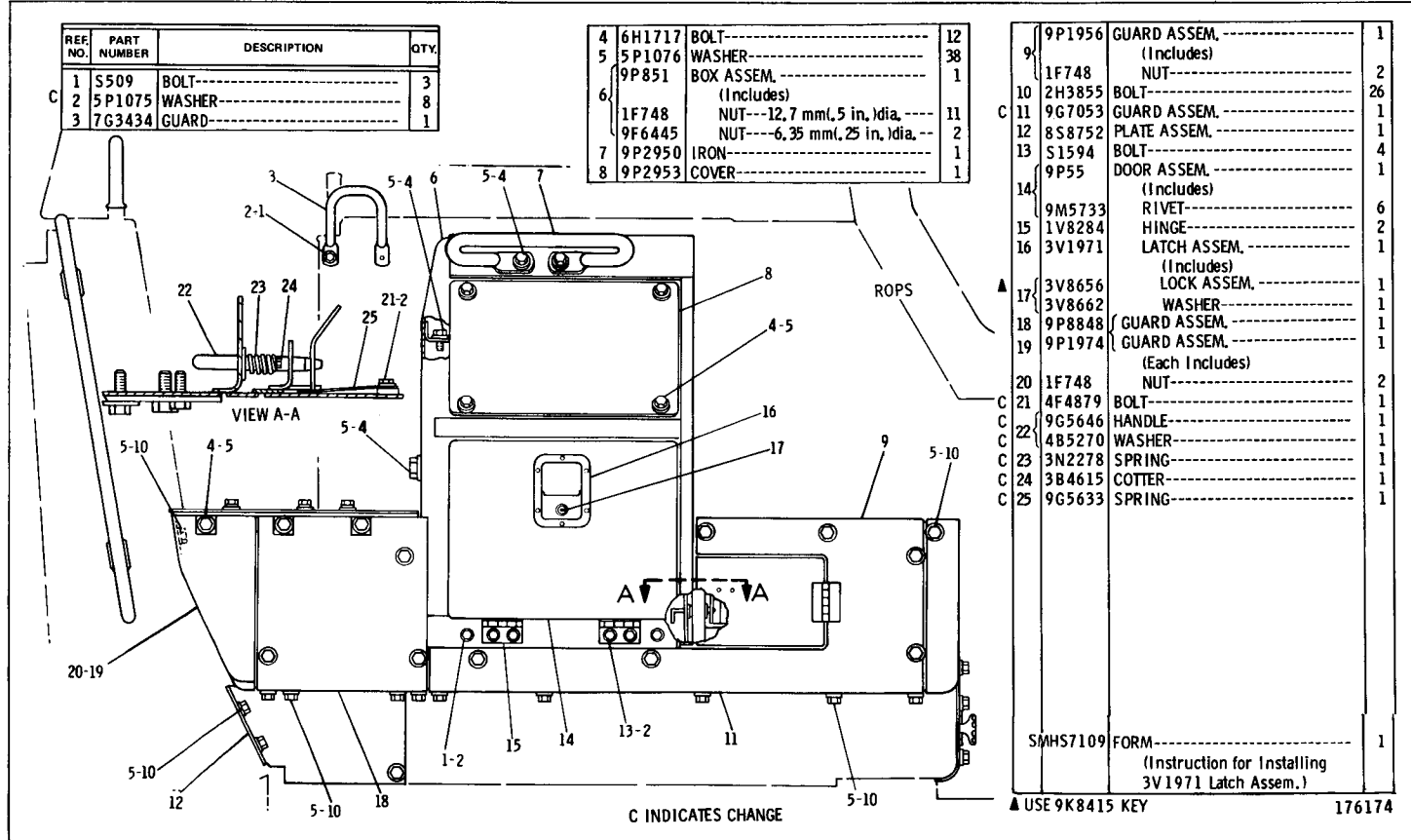




177329

8P7747 OPERATOR PLATFORM GROUP—Side View—Part 2 of 3  
Serial No. 14X1751 to 14X1810 inclusive

8P7747 OPERATOR PLATFORM GROUP—Side View—Part 3 of 3  
Serial No. 14X1751 to 14X1810 inclusive



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	S509	BOLT-----	3
2	5P1075	WASHER-----	8
3	7G3434	GUARD-----	1

4	6H1717	BOLT-----	12
5	5P1076	WASHER-----	38
	9P851	BOX ASSEM.-----	1
6.		(Includes)	
	1F748	NUT---12.7 mm(.5 in.)dia.---	11
	9F6445	NUT---6.35 mm(.25 in.)dia.--	2
7	9P2950	IRON-----	1
8	9P2953	COVER-----	1

	9P1956	GUARD ASSEM.-----	1
		(Includes)	
	1F748	NUT-----	2
10	2H3855	BOLT-----	26
11	9G7053	GUARD ASSEM.-----	1
12	8S8752	PLATE ASSEM.-----	1
13	S1594	BOLT-----	4
	9P55	DOOR ASSEM.-----	1
		(Includes)	
14	9M5733	RIVET-----	6
15	1V8284	HINGE-----	2
16	3V1971	LATCH ASSEM.-----	1
		(Includes)	
17	3V8656	LOCK ASSEM.-----	1
	3V8662	WASHER-----	1
18	9P8848	GUARD ASSEM.-----	1
19	9P1974	GUARD ASSEM.-----	1
		(Each Includes)	
20	1F748	NUT-----	2
21	4F4879	BOLT-----	1
22	9G5646	HANDLE-----	1
	4B5270	WASHER-----	1
23	3N2278	SPRING-----	1
24	3B4615	COTTER-----	1
25	9G5633	SPRING-----	1
	SMHS7109	FORM-----	1
		(Instruction for Installing 3V1971 Latch Assem.)	

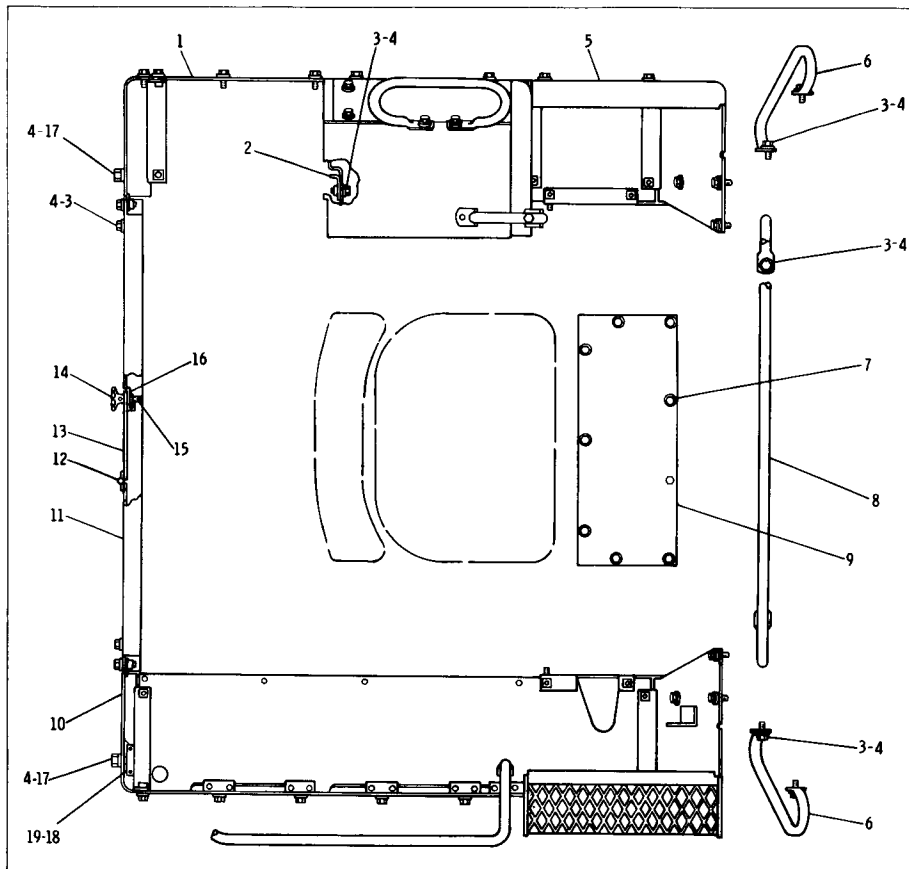
C INDICATES CHANGE

▲ USE 9K8415 KEY

176174

CHASSIS AND UNDERCARRIAGE

148C

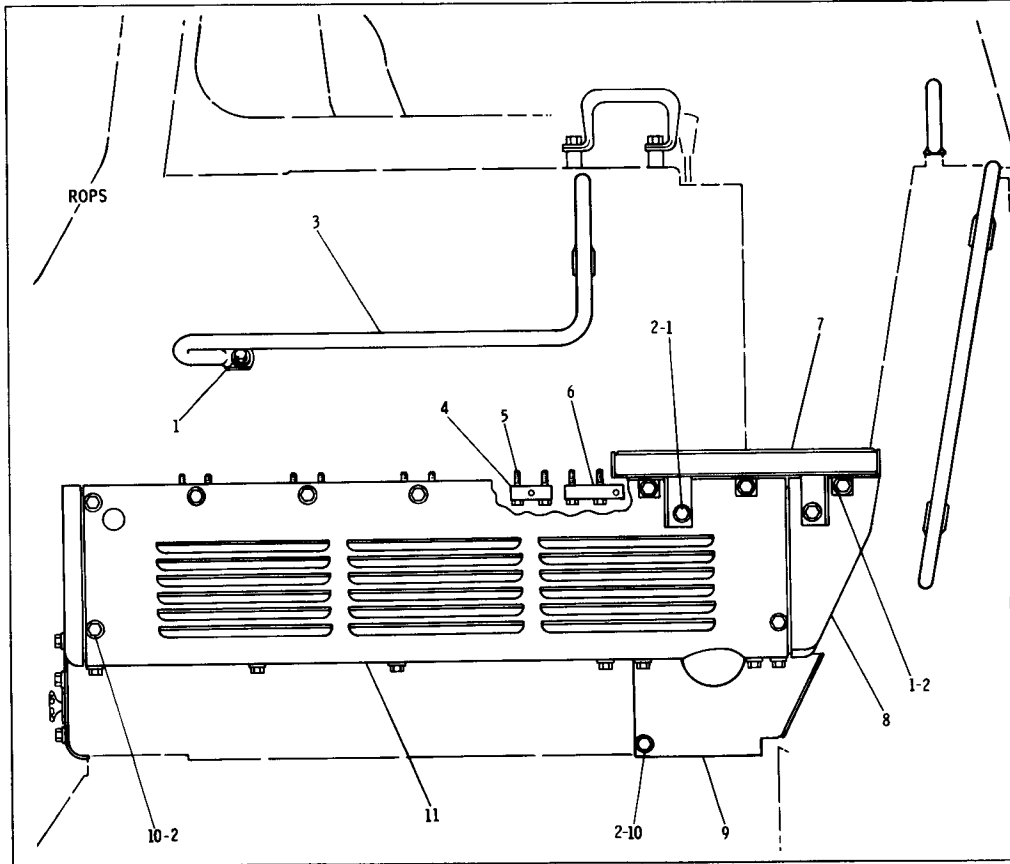


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	9P4872	GUARD ASSEM. -----	1
		(Includes)	
	1F748	NUT -----	5
	9P2625	BRACKET ASSEM. -----	1
		(Includes)	
	1F748	NUT -----	2
3	6H1717	BOLT -----	16
4	5P1076	WASHER -----	17
	9P1710	FLOORPLATE ASSEM. -----	1
		(Includes)	
	1F748	NUT -----	3
6	9P3226	GRABIRON -----	2
	L1351	BOLT -----	9
7	3F1417	WASHER -----	9
	5P1075	WASHER -----	9
8	9P3227	GRABIRON -----	1
9	9P1801	FLOORPLATE -----	1
	9P4873	GUARD ASSEM. -----	1
		(Includes)	
	1F748	NUT -----	2
11	9P9219	GUARD ASSEM. -----	1
		(Includes)	
12	8H2282	HINGE -----	1
13	9P9221	DOOR -----	1
	7S2043	KNOB ASSEM. -----	1
		(Includes)	
14	2D4295	KNOB -----	1
	7S2042	STUD -----	1
	3H6660	PIN -----	1
15	4H1641	PIN -----	1
16	9S8230	PLATE ASSEM. -----	1
17	2H3855	BOLT -----	1
18	3S4584	BLOCK -----	1
19	T319	BOLT -----	2

176105

8P7747 OPERATOR PLATFORM GROUP—Top View—Part 1 of 3  
Serial No. 14X1811—Up

8P7747 OPERATOR PLATFORM GROUP—Side View—Part 2 of 3  
 Serial No. 14X1811—Up

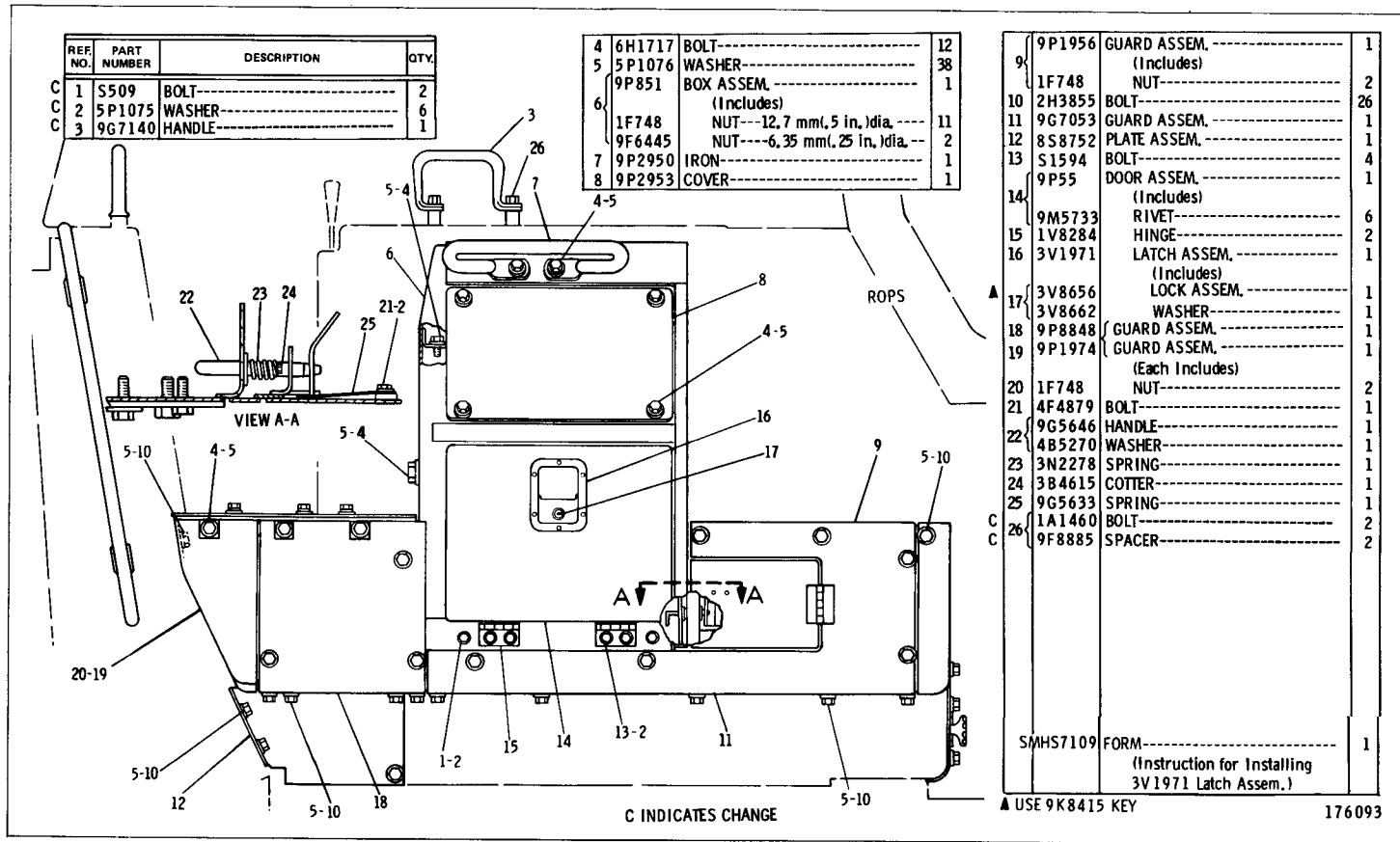


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	6H1717	BOLT-----	23
2	5P1076	WASHER-----	30
3	9P3231	GRAB IRON-----	1
4	3S4584	BLOCK-----	4
5	T319	BOLT-----	10
6	9P9729	BLOCK-----	1
	9P9776	STEP ASSEM.-----	1
7		(Includes)	
	1F748	NUT-----	3
8	9P1981	GUARD ASSEM.-----	1
		(Includes)	
	1F748	NUT-----	2
9	8S8751	PLATE ASSEM.-----	1
		(Includes)	
	1F748	NUT-----	2
10	2H3855	BOLT-----	22
	9P1994	GUARD ASSEM.-----	1
11		(Includes)	
	1F748	NUT-----	1

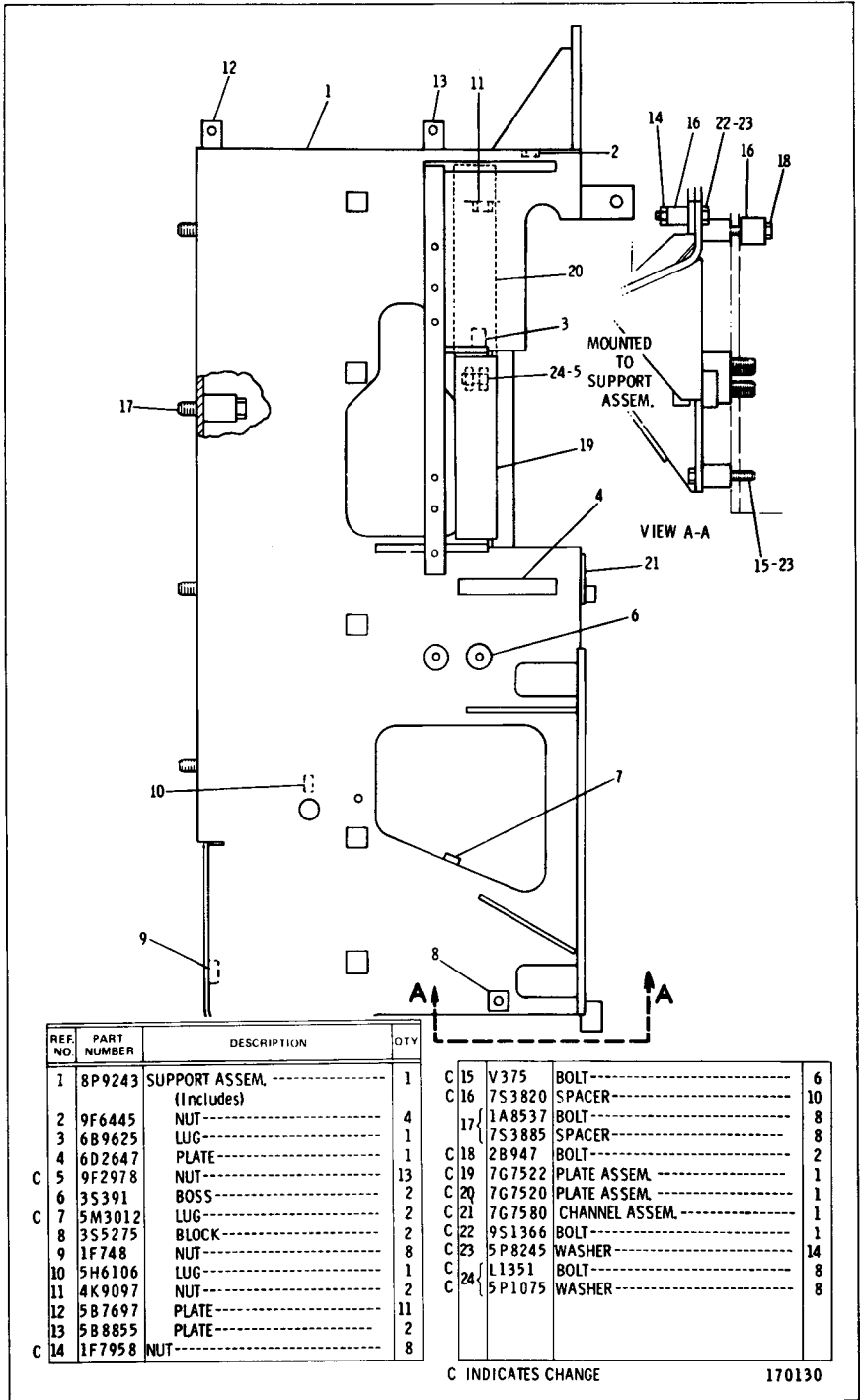
176106

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148E



8P7747 OPERATOR PLATFORM GROUP—Side View—Part 3 of 3  
Serial No. 14X1811—Up



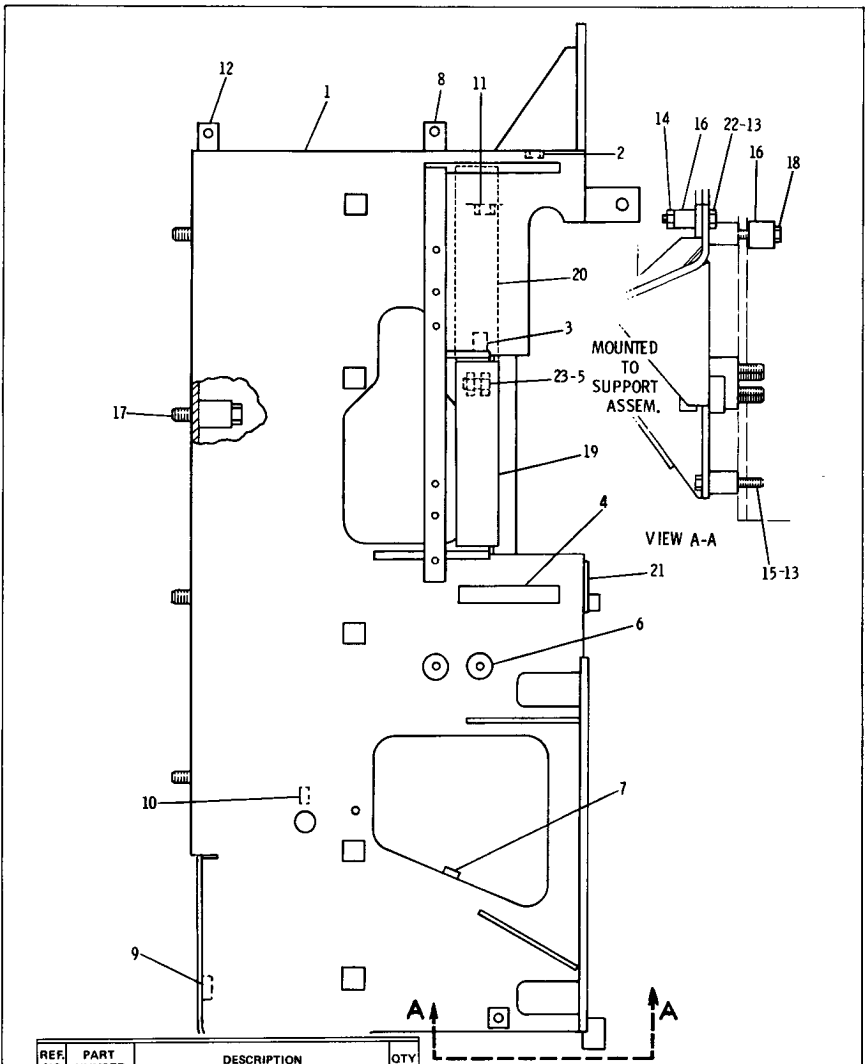
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8P9243	SUPPORT ASSEM. -----	1
		(Includes)	
2	9F6445	NUT -----	4
3	6B9625	LUG -----	1
4	6D2647	PLATE -----	1
5	9F2978	NUT -----	13
6	3S391	BOSS -----	2
7	5M3012	LUG -----	2
8	3S5275	BLOCK -----	2
9	1F748	NUT -----	8
10	5H6106	LUG -----	1
11	4K9097	NUT -----	2
12	5B7697	PLATE -----	11
13	5B8855	PLATE -----	2
C 14	1F7958	NUT -----	8

C 15	V375	BOLT -----	6
C 16	7S3820	SPACER -----	10
17	1A8537	BOLT -----	8
	7S3885	SPACER -----	8
C 18	2B947	BOLT -----	2
C 19	7G7522	PLATE ASSEM. -----	1
C 20	7G7520	PLATE ASSEM. -----	1
C 21	7G7580	CHANNEL ASSEM. -----	1
C 22	9S1366	BOLT -----	1
C 23	5P8245	WASHER -----	14
C 24	L1351	BOLT -----	8
	5P1075	WASHER -----	8

C INDICATES CHANGE

170130

8P7745 PLATFORM SUPPORT GROUP  
Serial No. 14X1 to 14X1840 inclusive



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8P9243	SUPPORT ASSEM. ----- (Includes)	1
2	9F6445	NUT -----	4
3	6B9625	LUG -----	1
4	6D2647	PLATE -----	1
5	9F2978	NUT -----	13
6	3S391	BOSS -----	2
7	5M3012	LUG -----	2
8	5B8855	PLATE -----	2
9	1F748	NUT -----	8
10	5H6106	LUG -----	1
11	4K9097	NUT -----	2
12	5B7697	PLATE -----	11
13	9G2746	WASHER -----	2
14	1F7958	NUT -----	8

15	V375	BOLT -----	6
16	7S3820	SPACER -----	10
17	1A8537	BOLT -----	8
	7S3885	SPACER -----	8
18	2B947	BOLT -----	2
19	7G7522	PLATE ASSEM. -----	1
20	9G2746	PLATE ASSEM. -----	1
21	7G7580	CHANNEL ASSEM. -----	1
22	9S1366	BOLT -----	1
23	L1351	BOLT -----	8
	5P1075	WASHER -----	8

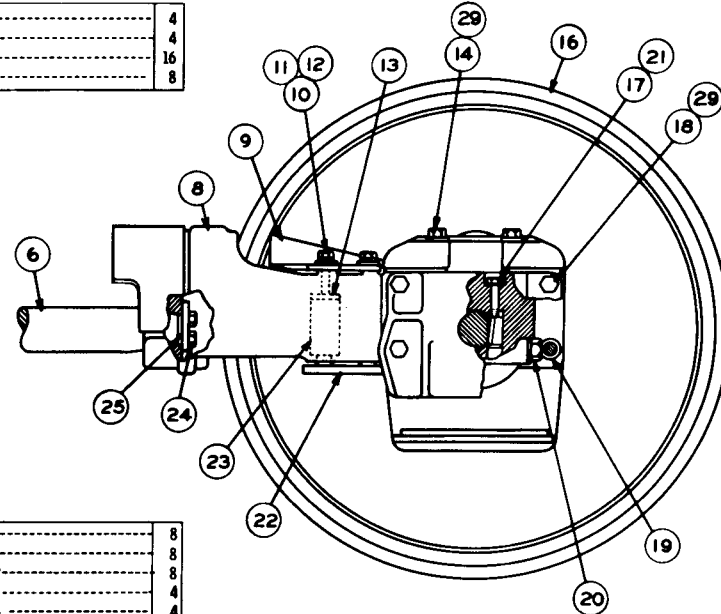
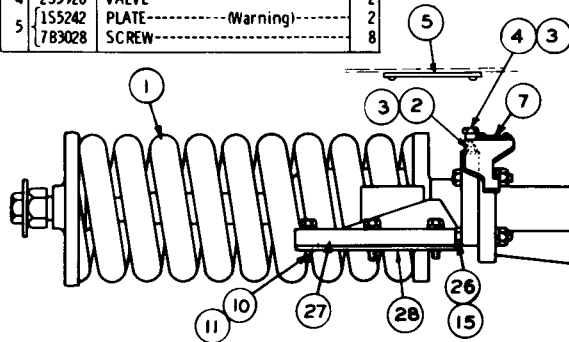
C INDICATES CHANGE

176614

8P7745 PLATFORM SUPPORT GROUP  
Serial No. 14X1841—Up

REF NO	PART NUMBER	DESCRIPTION	QTY
1	3P1885	SPRING-----	2
2	2S5925	VALVE-----	2
3	5M6708	WASHER-----	4
4	2S5926	VALVE-----	2
5	1S5242	PLATE----- (Warning)	2
	7B3028	SCREW-----	8

17	4F5192	BOLT-----	4
	3B4507	LOCKWASHER-----	4
	1D4590	BOLT-----	16
18	2M7116	STRIP-----	8



6	3P2250	ROD GROUP-----	2
		(Each Includes)	
	2S5927	PLATE----- (warning)	1
7	7B3028	SCREW-----	4
8	3P2305	YOKE ASSEM-----	2
	7M5337	GUARD-----	2
		(R. H. Outer-L. H. Inner)	
9	7M5338	GUARD-----	2
		(R. H. Inner-L. H. Outer)	
C 10	S1622	BOLT-----	20
11	3B4508	LOCKWASHER-----	20
12	7F502	WASHER-----	8
13	4B1398	PLATE-----	8
14	1B4367	BOLT-----	8
C 15	3B4510	LOCKWASHER-----	8
16	1S8186	IDLER ASSEM-----	2

19	7M6571	SPACER-----	8
	6F4991	BOLT-----	8
20	3B4514	LOCKWASHER-----	8
	5M5000	LOCK-----	4
22	3S3878	PLATE ASSEM-----	4
23	4F5003	SPRING ASSEM-----	8
24	7B3235	BOLT-----	4
25	8M9478	WASHER-----	2
	1A8537	BOLT-----	8
26	1D4720	NUT-----	8
	2S5967	STOP--(R. H. Outer-L. H. Inner)--	2
27	2S5968	STOP--(R. H. Inner-L. H. Outer)--	2
C 28	6P4417	BAR-----	4
29	4D3704	WASHER-----	24

C INDICATES CHANGE

NOTE: QUANTITIES SHOWN ARE THOSE REQUIRED FOR BOTH RIGHT AND LEFT HAND SIDES

210947

## 3P1496 FRONT IDLER GROUP—Part 1

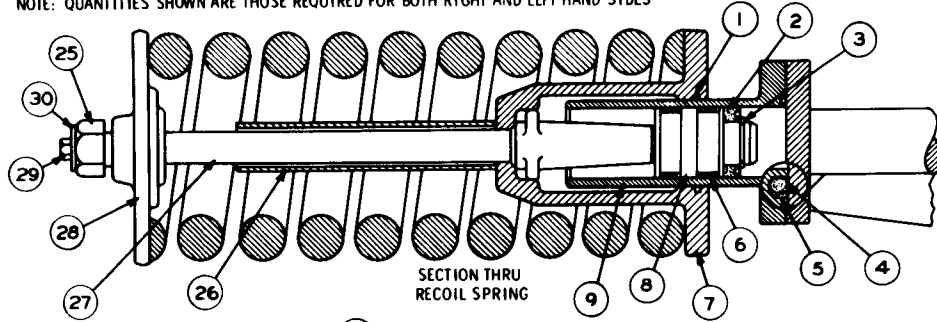
Serial No. 14X1 to 14X1099 inclusive

Note: 6P3527 Idler Group, with curved side plate, consists of 2—6P1000 Idler Assembly is available

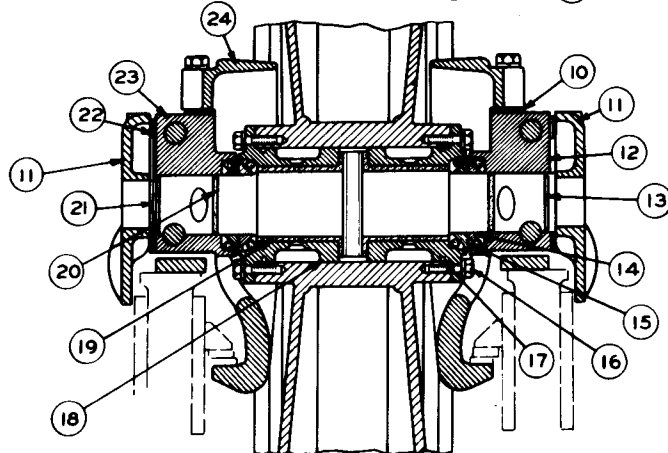


3P1496 FRONT IDLER GROUP—Part 2  
Serial No. 14X1 to 14X1099 inclusive

NOTE: QUANTITIES SHOWN ARE THOSE REQUIRED FOR BOTH RIGHT AND LEFT HAND SIDES



SECTION THRU  
RECOIL SPRING



SECTION THRU FRONT IDLER

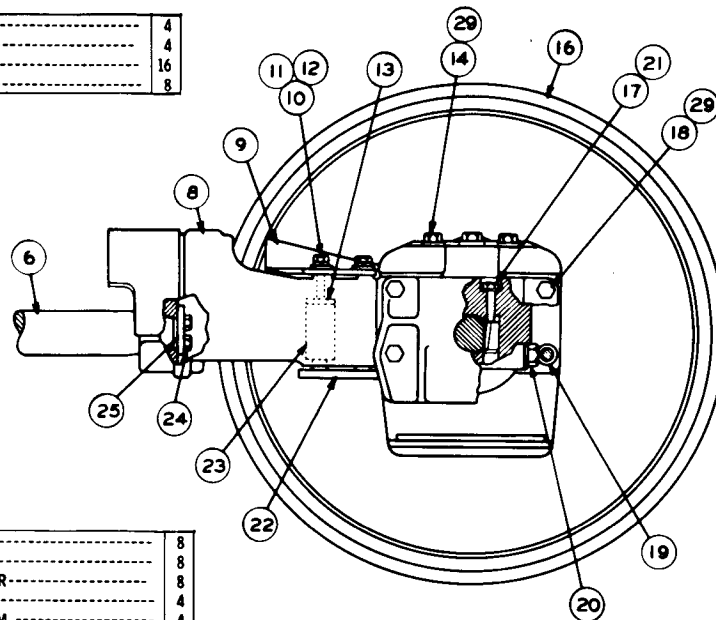
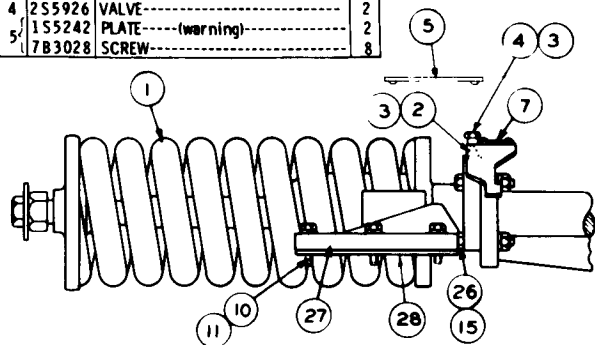
REF NO	PART NUMBER	DESCRIPTION	QTY
1	5F149	SEAL-----	2
2	4S9006	SEAL-----	2
3	1H8397	RING-----	2
4	5M2997	SEAL-----	2
5	5M2998	RING-----	2
6	6H6269	RING-----	4
7	1S816	PILOT ASSEM.	2
8	8H7980	PISTON-----	2
9	1S5331	CYLINDER-----	2
10	2M3514	SHIM-----	12
11	3P9989	PLATE-----	4
12	9M9760	BEARING-----	2
		(Right Hand Inner-Left Hand Outer)	
13	9M9758	SHAFT----- (Idler)	2
14	1M8747	SEAL GROUP-----	4
15	8H2262	RING-----	2
16	3B1915	BOLT-----	24
	3B4506	LOCKWASHER-----	24
17	9M9729	SEAL-----	4
	3P8432	BUSHING ASSEM.	4
18	9B2289	PIN-----	2
C 19	8P6651	BEARING ASSEM.	1
20	8M4390	SEAL-----	4
	2P347	PLUG-----	2
C 21	1S8947	SEAL-----	2
22	1P7659	SHIM-----	48
23	9M9759	BEARING-----	2
		(Right Hand Outer-Left Hand Inner)	
24	3P6060	COLLAR ASSEM.	4
25	9M3770	NUT-----	2
26	3P2196	SLEEVE-----	2
27	3P2198	BOLT-----	2
28	2M369	PILOT-----	2
29	51620	BOLT-----	2
30	2S1654	WASHER-----	2

C INDICATES CHANGE

210948

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	3P1885	SPRING-----	2
2	2S5925	VALVE-----	2
3	5M6708	WASHER-----	4
4	2S5926	VALVE-----	2
5	1S5242	PLATE----(warning)-----	2
	7B3028	SCREW-----	8

17	4F5192	BOLT-----	4
	3B4507	LOCKWASHER-----	4
18	1D4590	BOLT-----	16
	2M7116	STRIP-----	8



6	3P2250	ROD GROUP-----	2
		(Each Includes)	
7	2S5927	PLATE----(warning)-----	1
	7B3028	SCREW-----	4
8	3P2305	YOKE ASSEM-----	2
	7M5337	GUARD-----	2
		(R. H. Outer-L. H. Outer)	
9	7M5338	GUARD-----	2
		(R. H. Inner-L. H. Outer)	
10	S1622	BOLT-----	20
11	3B4508	LOCKWASHER-----	20
12	7F502	WASHER-----	8
13	4B1398	PLATE-----	8
14	1B4367	BOLT-----	12
15	3B4510	LOCKWASHER-----	8
16	1S8186	IDLER ASSEM-----	2

19	7M6571	SPACER-----	8
20	6F4991	BOLT-----	8
	3B4514	LOCKWASHER-----	8
21	5M5000	LOCK-----	4
22	3S3878	PLATE ASSEM-----	4
23	4F5003	SPRING ASSEM-----	8
24	7B3235	BOLT-----	4
25	8M9478	WASHER-----	2
26	1A8537	BOLT-----	8
	1D4720	NUT-----	8
27	2S5967	STOP----(R. H. Outer-L. H. Inner)---	2
	2S5968	STOP----(R. H. Inner-L. H. Outer)---	2
28	6P4417	BAR-----	4
C29	4D3704	WASHER-----	28

C INDICATES CHANGE

NOTE: QUANTITIES SHOWN ARE THOSE REQUIRED FOR BOTH RIGHT AND LEFT HAND SIDES

225495

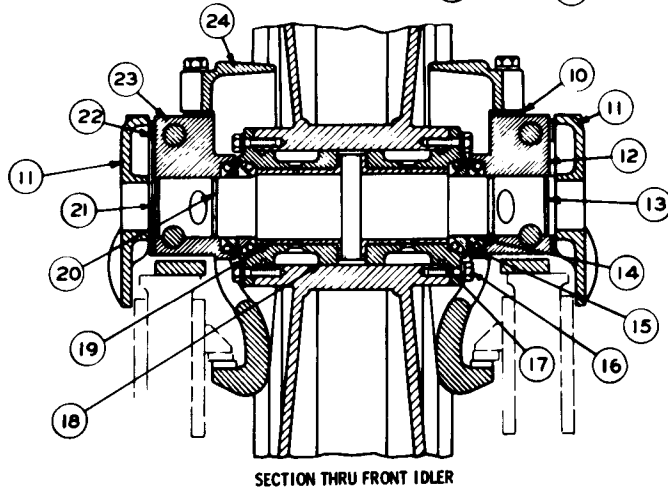
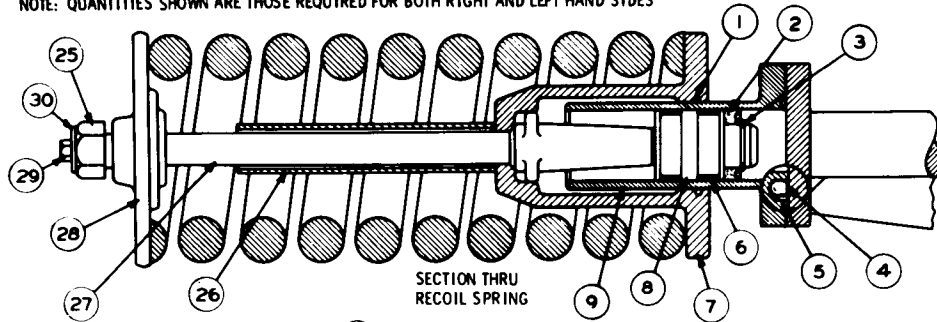
3P1496 FRONT IDLER GROUP—Part 1

Serial No. 14X1100—Up

Note: 6P5327 Idler Group, with curved side plate, consists of 2—6P1000 Idler Assembly is available

3P1496 FRONT IDLER GROUP—Part 2  
Serial No. 14X1100—Up

NOTE: QUANTITIES SHOWN ARE THOSE REQUIRED FOR BOTH RIGHT AND LEFT HAND SIDES



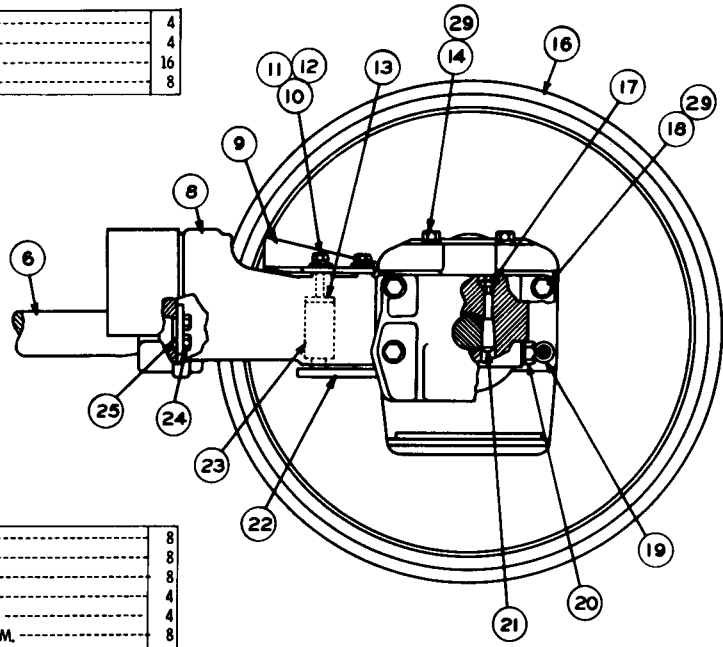
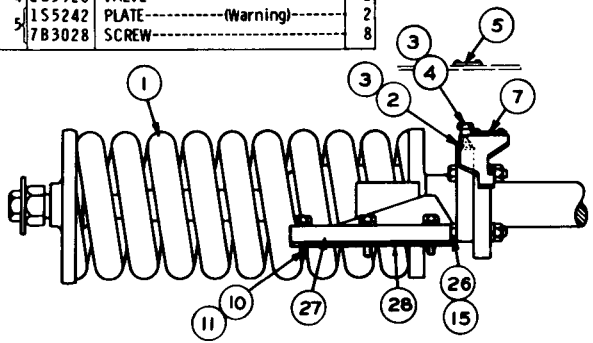
REF NO	PART NUMBER	DESCRIPTION	QTY.
1	5F149	SEAL-----	2
2	4S9006	SEAL-----	2
3	1H8397	RING-----	2
4	5M2997	SEAL-----	2
5	5M2998	RING-----	2
6	6H6269	RING-----	4
7	1S816	PILOT ASSEM-----	2
8	8H7980	PISTON-----	2
9	1S5331	CYLINDER-----	2
C 10	7G1899	SHIM-----	12
11	3P9989	PLATE-----	4
C 12	7G1902	BEARING-(R. H. Inner-L. H. Outer)-	2
13	9M9758	SHAFT----- (-idler)	2
14	1M8747	SEAL GROUP----- (Each Includes)	4
15	8H2262	RING-----	2
16	3B1915	BOLT-----	24
	3B4506	LOCKWASHER-----	24
17	9M9729	SEAL-----	4
	3P8432	BUSHING ASSEM----- (Each Includes)	4
18	9B2289	PIN-----	2
19	8P6651	BEARING ASSEM-----	1
20	8M4390	SEAL-----	4
21	2P347	PLUG-----	2
	1S8947	SEAL-----	2
C 22	7G1900	SHIM-----	48
C 23	7G1901	BEARING-(R. H. Outer-L. H. Inner)-	2
C	7G1904	COLLAR ASSEM----- (Each Includes)	4
24	3P6059	STRIP-----	1
25	9M3770	NUT-----	2
26	3P2196	SLEEVE-----	2
27	3P2198	BOLT-----	2
28	2M369	PILOT-----	2
29	5I620	BOLT-----	2
30	2S1654	WASHER-----	2

C INDICATES CHANGE

225496

REF NO	PART NUMBER	DESCRIPTION	QTY
1	3P1885	SPRING-----	2
2	2S5925	VALVE-----	2
3	5M6708	WASHER-----	4
4	2S5926	VALVE-----	2
5	1S5242	PLATE----- (Warning)	2
	7B3028	SCREW-----	8

17	4F5192	BOLT-----	4
	3B4507	LOCKWASHER-----	4
	1D4590	BOLT-----	16
18	2M7116	STRIP-----	8



6	3P2250	ROD GROUP-----	2
		(Each Includes)	
	2S5927	PLATE----- (warning)	1
7	7B3028	SCREW-----	4
8	3P2305	YOKE ASSEM.-----	2
	7M5337	GUARD-----	2
		(R. H. Outer-L. H. Inner)	
9	7M5338	GUARD-----	2
		(R. H. Inner-L. H. Outer)	
C 10	51622	BOLT-----	20
11	3B4508	LOCKWASHER-----	20
12	7F502	WASHER-----	8
13	4B1398	PLATE-----	8
14	1B4367	BOLT-----	8
C 15	3B4510	LOCKWASHER-----	8
16	1S8186	IDLER ASSEM.-----	2

19	7M6571	SPACER-----	8
20	6F4991	BOLT-----	8
	3B4514	LOCKWASHER-----	8
21	5M5000	LOCK-----	4
22	3S3878	PLATE ASSEM.-----	4
23	4F5003	SPRING ASSEM.-----	8
24	7B3235	BOLT-----	4
25	8M9478	WASHER-----	2
	1A8537	BOLT-----	8
26	1D4720	NUT-----	8
27	2S5967	STOP--(R. H. Outer-L. H. Inner)--	2
	2S5968	STOP--(R. H. Inner-L. H. Outer)--	2
C 28	6P4417	BAR-----	4
C 29	4D3704	WASHER-----	24

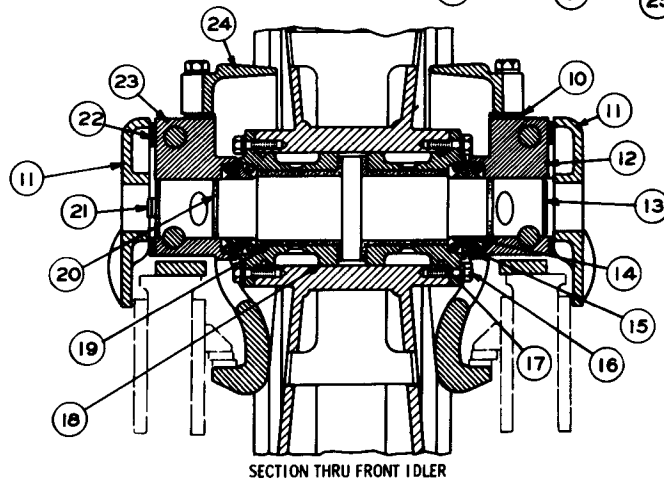
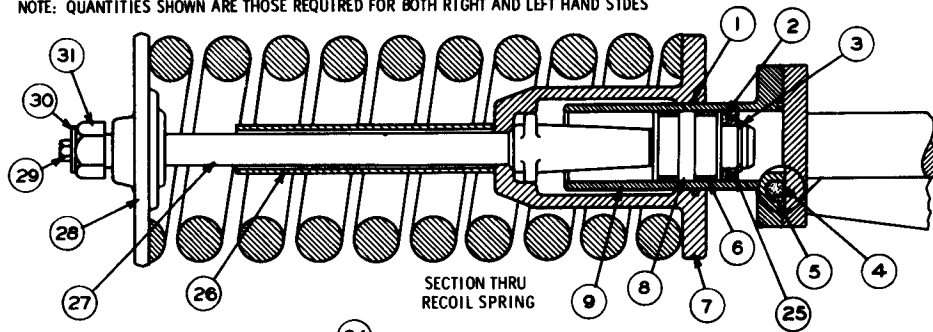
C INDICATES CHANGE  
NOTE: QUANTITIES SHOWN ARE THOSE REQUIRED FOR BOTH RIGHT AND LEFT HAND SIDES

157621

3P1495 FRONT IDLER GROUP—Part 1  
Part of 9P3315 Steel Mill Arrangement listed on Page 142  
AN ATTACHMENT

3P1495 FRONT IDLER GROUP—Part 2  
 Part of 9P3315 Steel Mill Arrangement listed on Page 142  
 AN ATTACHMENT

NOTE: QUANTITIES SHOWN ARE THOSE REQUIRED FOR BOTH RIGHT AND LEFT HAND SIDES

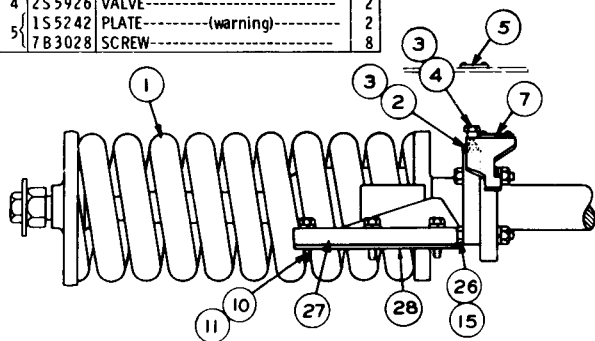


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	5F149	SEAL	2
2	5P4836	WASHER	2
3	1H8397	RING	2
4	5M2997	SEAL	2
5	5M2998	RING	2
6	6H6269	RING	4
7	1S816	PILOT ASSEM.	2
8	8H7980	PISTON	2
9	1S5331	CYLINDER	2
10	2M3514	SHIM	12
11	3P9989	PLATE	4
12	9M9760	BEARING	2
		(Right Hand Inner-Left Hand Outer)	
13	9M9758	SHAFT (idler)	2
14	4S8984	SEAL GROUP	4
15	9M9730	RING	4
16	3B1915	BOLT	24
	3B4506	LOCKWASHER	24
17	9M9729	SEAL	4
18	3P8432	BUSHING ASSEM.	4
	9B2289	PIN	2
19	8S2539	BEARING	1
20	8M4390	SEAL	4
21	2P347	PLUG	2
22	2P2975	SEAL	2
	1P7659	SHIM	48
23	9M9759	BEARING	2
		(R. H. Outer-L. H. Inner)	
24	3P6060	COLLAR ASSEM.	4
	3P6059	STRIP	1
25	4S9061	PACKING	2
26	3P2196	SLEEVE	2
27	3P2198	BOLT	2
28	2M369	PILOT	2
29	S1620	BOLT	2
30	2S1654	WASHER	2
31	9M3770	NUT	2

157622

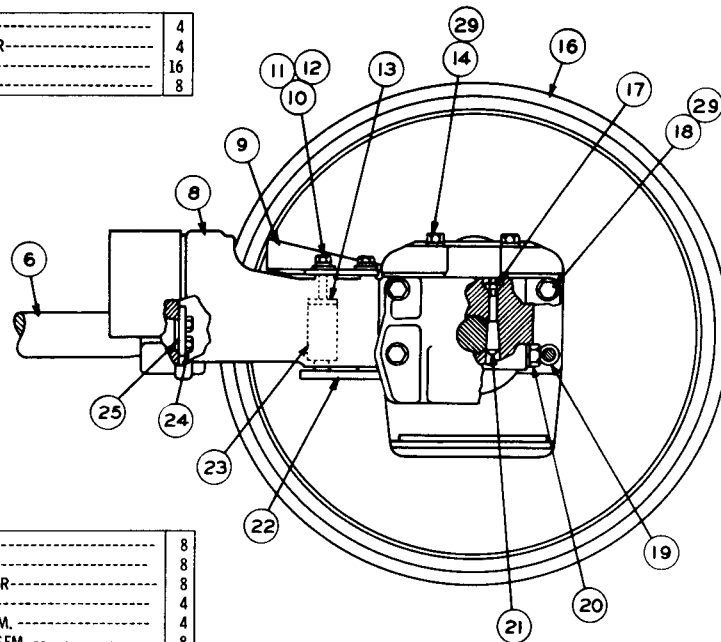
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	3P1885	SPRING-----	2
2	2S5925	VALVE-----	2
3	5M6708	WASHER-----	4
4	2S5926	VALVE-----	2
5	1S5242	PLATE----- (warning)	2
	7B3028	SCREW-----	8

17	4F5192	BOLT-----	4
	3B4507	LOCKWASHER-----	4
	1A5405	BOLT-----	16
18	2M7116	STRIP-----	8



6	3P2250	ROD GROUP-----	2
		(Each Includes)	
7	2S5927	PLATE----- (warning)	1
	7B3028	SCREW-----	4
8	3P2305	YOKE ASSEM.-----	2
	7M5337	GUARD-----	2
		(R. H. -Outer-L. H. Inner)	
9	7M5338	GUARD-----	2
		(R. H. Inner-L. H. Outer)	
10	S1622	BOLT-----	20
11	3B4508	LOCKWASHER-----	20
12	7F502	WASHER-----	8
13	4B1398	PLATE-----	8
14	1B4367	BOLT-----	12
15	3B4510	LOCKWASHER-----	8
16	1S8186	IDLER ASSEM.-----	2

19	7M6571	SPACER-----	8
20	6F4991	BOLT-----	8
	3B4514	LOCKWASHER-----	8
21	5M5000	LOCK-----	4
22	3S3878	PLATE ASSEM.-----	4
23	4F5003	SPRING ASSEM.-----	8
24	7B3235	BOLT-----	4
25	8M9478	WASHER-----	2
26	1A8537	BOLT-----	8
	1D4720	NUT-----	8
27	2S5967	STOP--(R. H. Outer-L. H. Inner)--	2
	2S5968	STOP--(R. H. Inner-L. H. Outer)--	2
28	6P4417	BAR-----	4
C 29	4D3704	WASHER-----	28



C INDICATES CHANGE

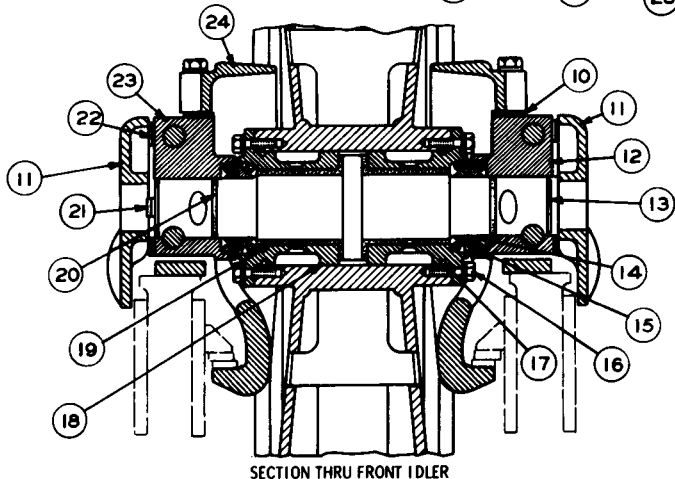
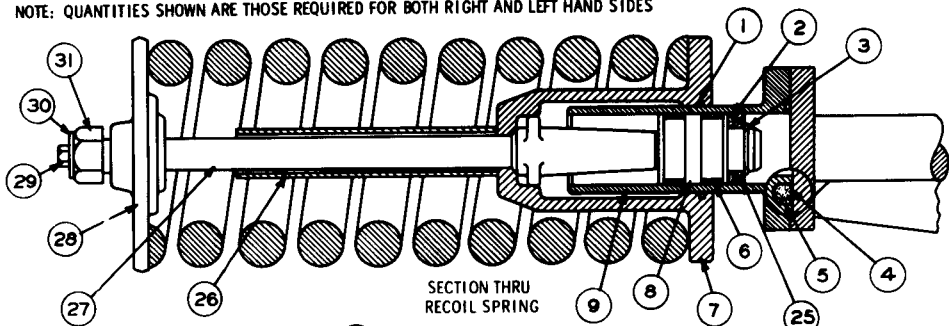
NOTE: QUANTITIES SHOWN ARE THOSE REQUIRED FOR BOTH RIGHT AND LEFT HAND SIDES

223057

3P1495 FRONT IDLER GROUP—Part 1—Type 2  
Part of 9P3315 Steel Mill Arrangement listed on Page 142  
AN ATTACHMENT

3P1495 FRONT IDLER GROUP—Part 2—Type 2  
 Part of 9P3315 Steel Mill Arrangement listed on Page 142  
 AN ATTACHMENT

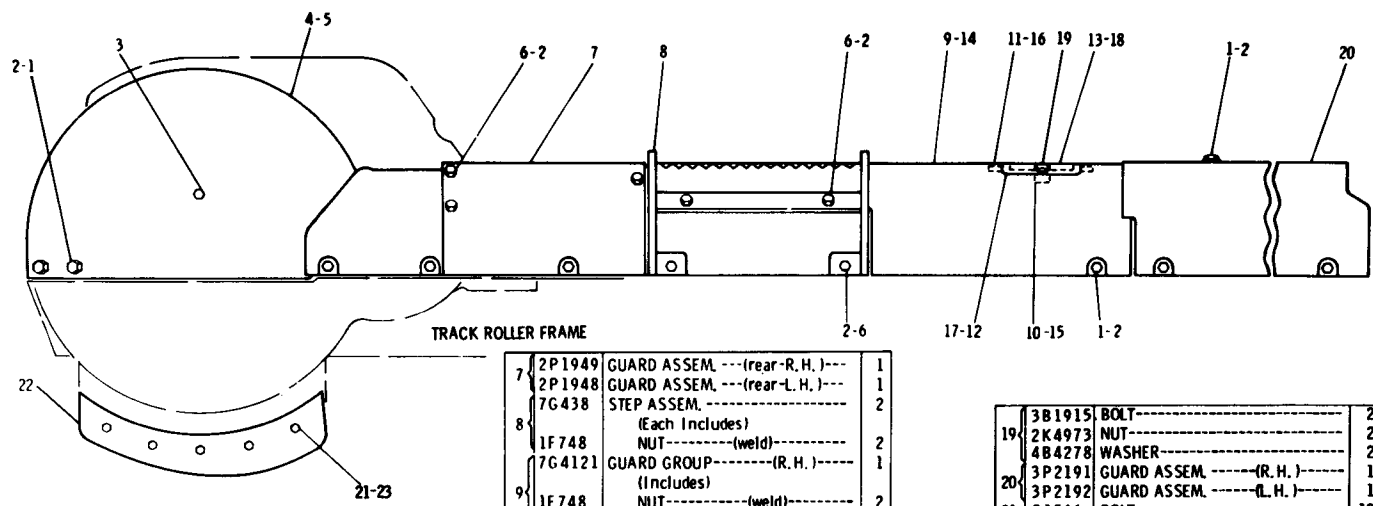
NOTE: QUANTITIES SHOWN ARE THOSE REQUIRED FOR BOTH RIGHT AND LEFT HAND SIDES



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5F149	SEAL-----	2
2	5P4836	WASHER-----	2
3	1H8397	RING-----	2
4	5M2997	SEAL-----	2
5	5M2998	RING-----	2
6	6H6269	RING-----	4
7	1S816	PILOT ASSEM.-----	2
8	8H7980	PISTON-----	2
9	1S5331	CYLINDER-----	2
C 10	7G1899	SHIM-----	12
11	3P9989	PLATE-----	4
C 12	7G1902	BEARING-----	2
		(Right Hand Inner-Left Hand Outer)	
13	9M9758	SHAFT----- (idler)	2
14	4S8984	SEAL GROUP-----	4
15	9M9730	RING-----	4
16	3B1915	BOLT-----	24
16	3B4506	LOCKWASHER-----	24
17	9M9729	SEAL-----	4
18	3P8432	BUSHING ASSEM.-----	4
18	9B2289	PIN-----	2
C 19	8P6651	BUSHING ASSEM.-----	1
20	8M4390	SEAL-----	4
21	2P347	PLUG-----	2
21	2P2975	SEAL-----	2
C 22	7G1900	SHIM-----	48
C 23	7G1901	BEARING-----	2
		(R. H. Outer-L. H. Inner)	
C 24	7G1904	COLLAR ASSEM.-----	4
	3P6059	STRIP-----	1
25	4S9061	PACKING-----	2
26	3P2196	SLEEVE-----	2
27	3P2198	BOLT-----	2
28	2M369	PILOT-----	2
29	S1620	BOLT-----	2
30	2S1654	WASHER-----	2
31	9M3770	NUT-----	2

C INDICATES CHANGE

223058



TRACK ROLLER FRAME

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	S1621	BOLT-----	30
2	5P1076	WASHER-----	44
3	1A1460	BOLT-----	2
4	3S5343	GUARD ASSEM. --- (R. H.)-----	1
		(Includes)	
	1F748	NUT----- (weld)-----	2
	1B2355	BUSHING-----	1
5	3S5344	GUARD ASSEM. --- (L. H.)-----	1
		(Includes)	
	1F748	NUT----- (weld)-----	2
	1B2355	BUSHING-----	1
6	S1595	BOLT-----	12

7	2P1949	GUARD ASSEM. --- (rear-R. H.)---	1
	2P1948	GUARD ASSEM. --- (rear-L. H.)---	1
	7G438	STEP ASSEM. -----	2
8		(Each Includes)	
	1F748	NUT----- (weld)-----	2
	7G4121	GUARD GROUP --- (R. H.)-----	1
9		(Includes)	
	1F748	NUT----- (weld)-----	2
	1K4706	WASHER-----	1
10	9F2978	NUT----- (weld)-----	1
11	5H8991	SHAFT-----	1
12	2S8611	COVER ASSEM. -----	1
	1S5242	PLATE----- (warning)-----	1
13	7B3028	SCREW-----	4
	7G4120	GUARD GROUP --- (L. H.)-----	1
14		(Includes)	
	1F748	NUT----- (weld)-----	2
	1K4706	WASHER-----	1
15	9F2978	NUT----- (weld)-----	1
16	5H8991	SHAFT-----	1
17	2S8611	COVER ASSEM. -----	1
18	1S5242	PLATE----- (warning)-----	1
	7B3028	SCREW-----	4

19	3B1915	BOLT-----	2
	2K4973	NUT-----	2
	4B4278	WASHER-----	2
20	3P2191	GUARD ASSEM. --- (R. H.)-----	1
	3P2192	GUARD ASSEM. --- (L. H.)-----	1
21	S1566	BOLT-----	10
22	5M1516	GUARD-----	2
C 23	4D3704	WASHER-----	10

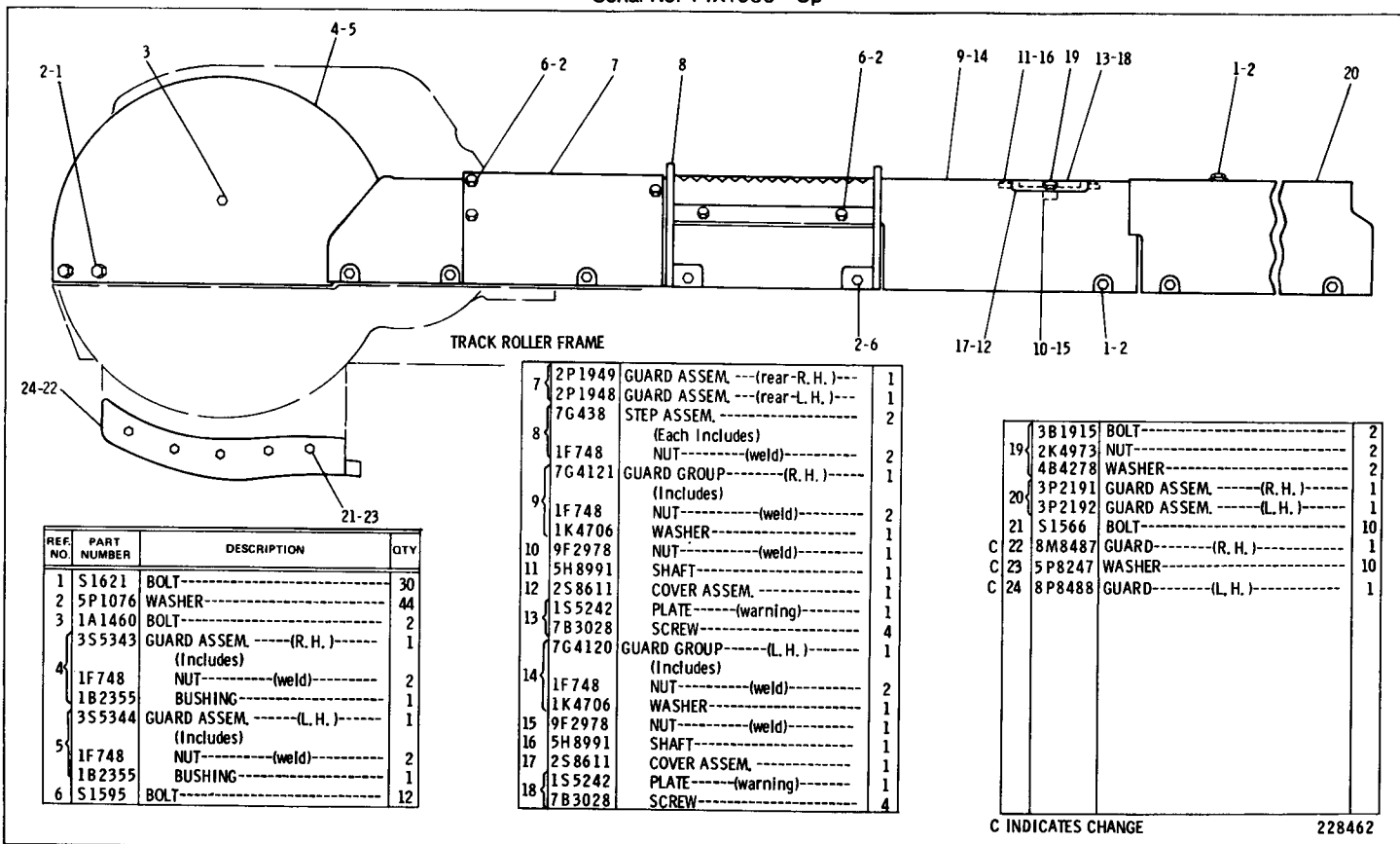
C INDICATES CHANGE

172876

7G786 RECOIL MECHANISM GUARD GROUP  
Serial No. 14X1 to 14X1949 inclusive



7G786 RECOIL MECHANISM GUARD GROUP  
Serial No. 14X1950—Up



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	S 1621	BOLT-----	30
2	5P1076	WASHER-----	44
3	1A1460	BOLT-----	2
4	3S5343	GUARD ASSEM. ---(R. H.)---	1
		(Includes)	
5	1F748	NUT----- (weld)-----	2
	1B2355	BUSHING-----	1
	3S5344	GUARD ASSEM. --- (L. H.) ---	1
6		(Includes)	
	1F748	NUT----- (weld)-----	2
	1B2355	BUSHING-----	1
	S 1595	BOLT-----	12

7	2P1949	GUARD ASSEM. --- (rear-R. H.) ---	1
	2P1948	GUARD ASSEM. --- (rear-L. H.) ---	1
	7G438	STEP ASSEM.-----	2
8		(Each Includes)	
	1F748	NUT----- (weld)-----	2
	7G4121	GUARD GROUP----- (R. H.) ---	1
9		(Includes)	
	1F748	NUT----- (weld)-----	2
10	1K4706	WASHER-----	1
	9F2978	NUT----- (weld)-----	1
	5H8991	SHAFT-----	1
12	2S8611	COVER ASSEM.-----	1
	1S5242	PLATE----- (warning)-----	1
	7B3028	SCREW-----	4
13	7G4120	GUARD GROUP----- (L. H.) ---	1
		(Includes)	
14	1F748	NUT----- (weld)-----	2
	1K4706	WASHER-----	1
	9F2978	NUT----- (weld)-----	1
16	5H8991	SHAFT-----	1
	2S8611	COVER ASSEM.-----	1
17	1S5242	PLATE----- (warning)-----	1
	7B3028	SCREW-----	4

19	3B1915	BOLT-----	2
	2K4973	NUT-----	2
	4B4278	WASHER-----	2
20	3P2191	GUARD ASSEM. --- (R. H.) ---	1
	3P2192	GUARD ASSEM. --- (L. H.) ---	1
21	S 1566	BOLT-----	10
C 22	8M8487	GUARD----- (R. H.) ---	1
C 23	5P8247	WASHER-----	10
C 24	8P8488	GUARD----- (L. H.) ---	1

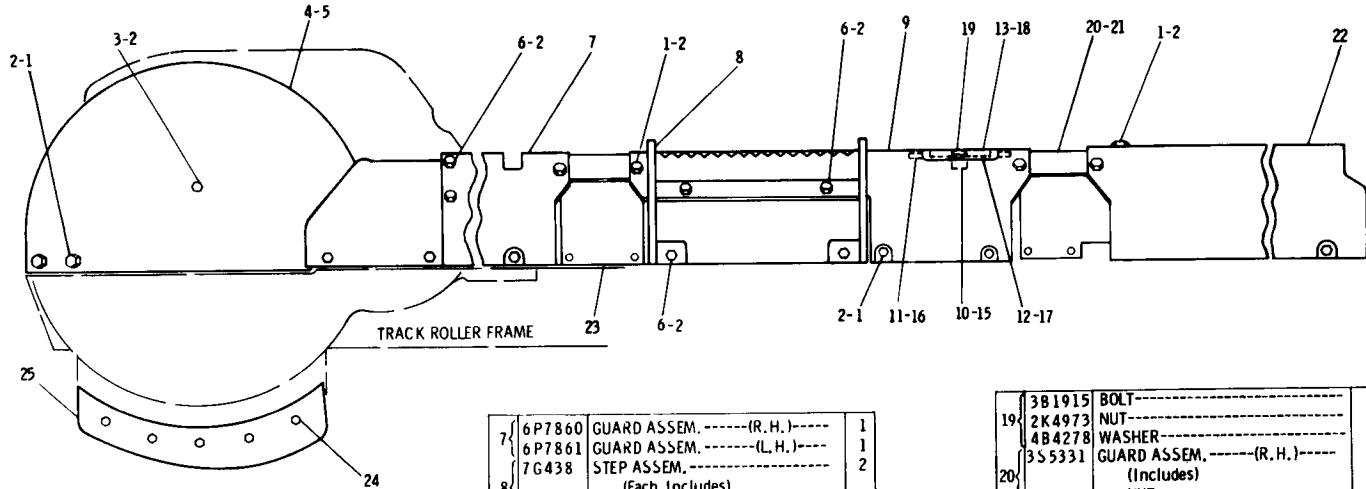
C INDICATES CHANGE

228462

CHASSIS AND UNDERCARRIAGE

154-1

7G4843 RECOIL MECHANISM GUARD GROUP  
 Part of 9P5233 Wide Gauge Track Loader Arrangement listed on Page 143

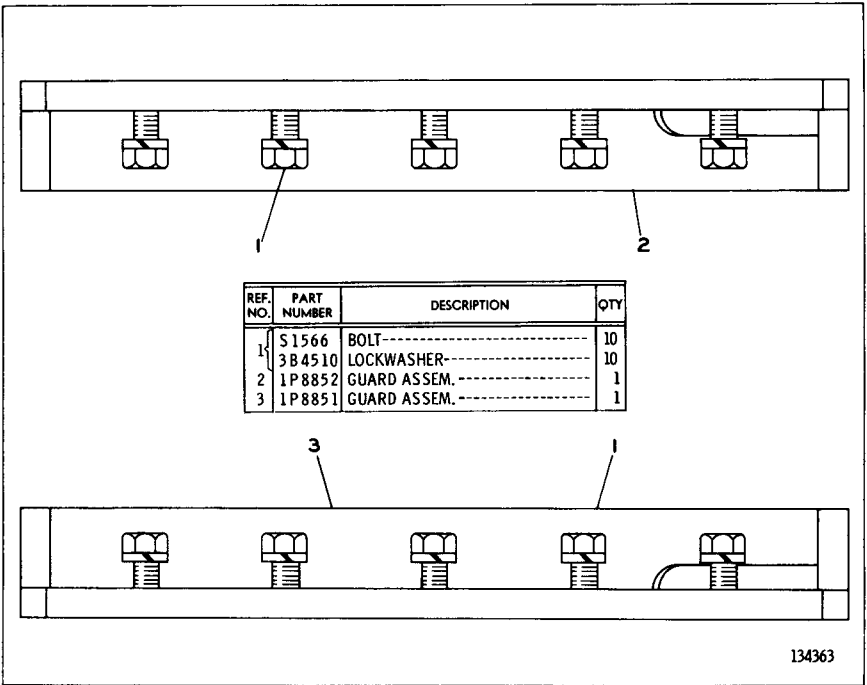


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	S1621	BOLT-----	40
2	5P1076	WASHER-----	54
3	1A1460	BOLT-----	2
4	3S5343	GUARD ASSEM.----(R. H.)----	1
		(Includes)	
	1F748	NUT----- <i>(weld)</i> -----	2
	1B2355	BUSHING-----	1
5	3S5344	GUARD ASSEM.----(L. H.)----	1
		(Includes)	
5	1F748	NUT----- <i>(weld)</i> -----	2
	1B2355	BUSHING-----	1
	S1595	BOLT-----	12

7	6P7860	GUARD ASSEM.----(R. H.)----	1
	6P7861	GUARD ASSEM.----(L. H.)----	1
	7G438	STEP ASSEM.-----	2
8		(Each Includes)	
	1F748	NUT----- <i>(weld)</i> -----	2
9	7G4581	GUARD GROUP----(R. H.)----	1
10		(Includes)	
	9F2978	NUT----- <i>(weld)</i> -----	1
11	5H8991	SHAFT-----	1
12	2S8611	COVER ASSEM.-----	1
13	1S5242	PLATE-----	1
	783028	SCREW-----	4
	7G4582	GUARD GROUP----(L. H.)----	1
14		(Includes)	
	9F2978	NUT----- <i>(weld)</i> -----	1
16	5H8991	SHAFT-----	1
17	2S8611	COVER ASSEM.-----	1
18	1S5242	PLATE----- <i>(warning)</i> -----	1
	783028	SCREW-----	4

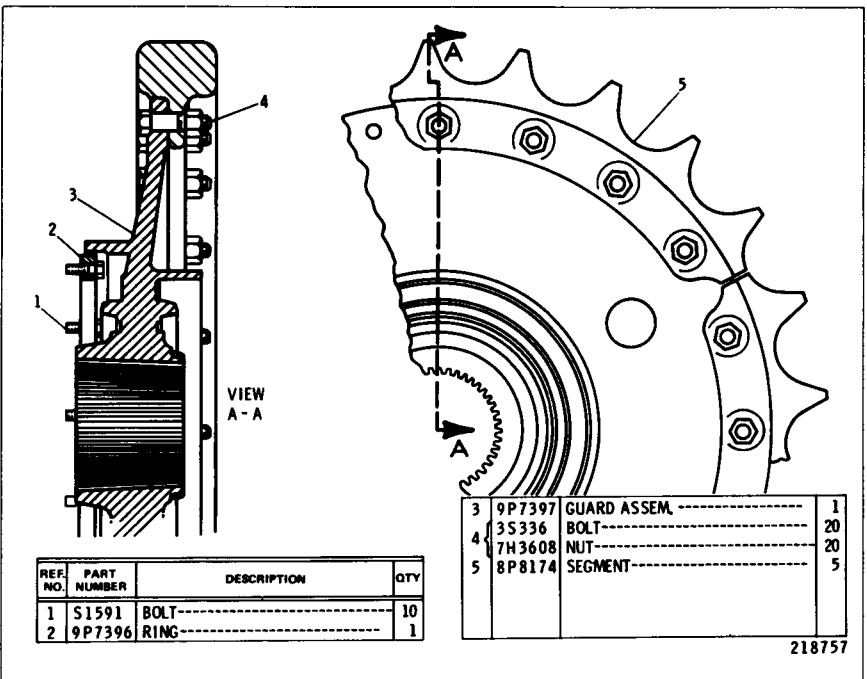
19	3B1915	BOLT-----	2
	2K4973	NUT-----	2
20	4B4278	WASHER-----	2
	3S5331	GUARD ASSEM.----(R. H.)----	1
20		(Includes)	
	1F748	NUT-----	3
21	3S5332	GUARD ASSEM.----(L. H.)----	1
		(Includes)	
21	1F748	NUT-----	3
	6P7866	GUARD ASSEM.----(R. H.)----	1
22	6P7868	GUARD ASSEM.----(L. H.)----	1
	4S9506	GUARD ASSEM.-----	2
23		(Each Includes)	
	1F748	NUT-----	2
24	S1566	BOLT-----	10
	4D3704	WASHER-----	10
25	5M1516	GUARD-----	2

171432



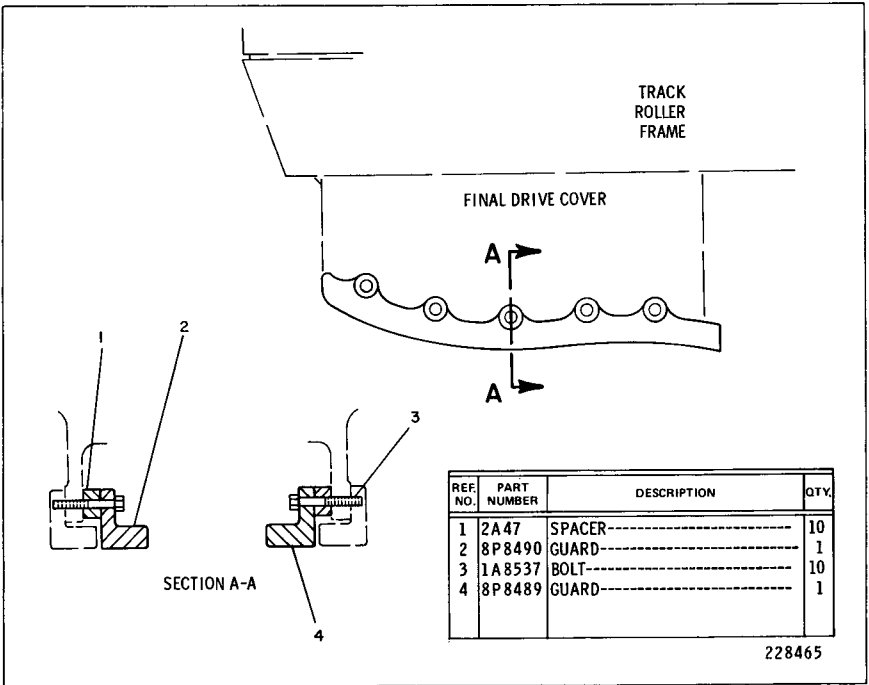
134363

**1P8853 FINAL DRIVE GUARD GROUP**  
 Serial No. 14X1 to 14X1949 inclusive  
 Also part of 9P3315 Steel Mill Arrangement listed on Page 142  
 AN ATTACHMENT



218757

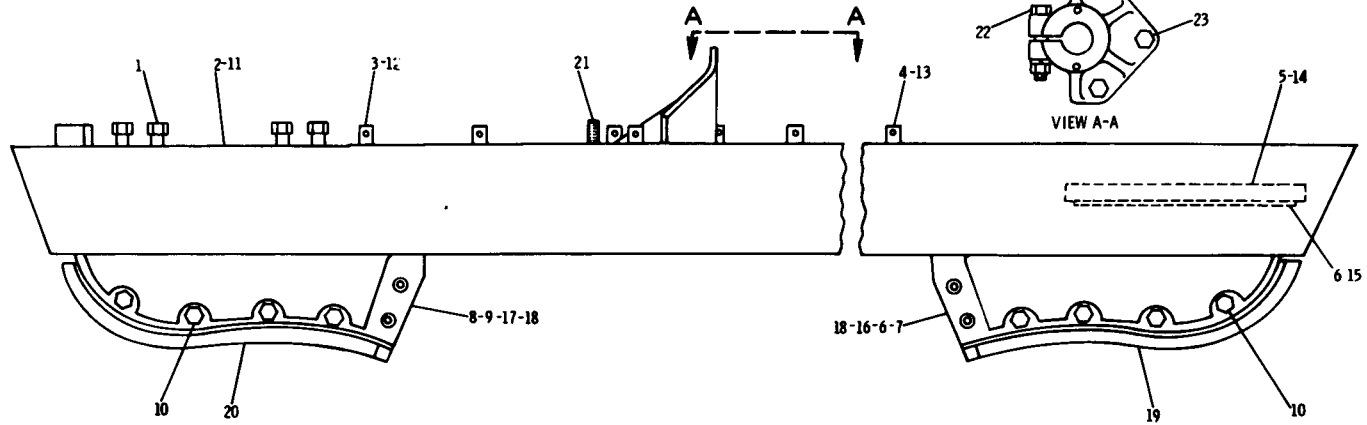
**9P7425 GUARD AND SPROCKET GROUP**  
 Part of 9P3315 Steel Mill Arrangement listed on Page 142  
 AN ATTACHMENT



9G392 FINAL DRIVE GUARD GROUP

Serial No. 14X1950—Up

Also part of 9P3315 Steel Mill Arrangement listed on Page 142  
AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1D4609	BOLT-----	8
2	7G1396	FRAME ASSEM. ----(R. H.)----	1
		(Includes)	
3	6B7697	PLATE-----	10
4	2M473	LUG-----	1
5	3P2177	GUIDE ASSEM. -----	1
		(Includes)	
6	3P2176	GUIDE-----	1
7	9S1043	GUARD ASSEM. --(front outer)	
8	9S1044	GUARD ASSEM. -----	
		(Rear outer-front inner)	
		(Each Includes)	
9	2M2933	NUT-----	2

10	S1592	BOLT-----	24
	4D3704	WASHER-----	24
11	7G1395	FRAME ASSEM. ----(L. H.)----	1
		(Includes)	
12	6B7697	PLATE-----	10
13	2M473	LUG-----	1
14	3P2177	GUIDE ASSEM. -----	1
		(Includes)	
15	3P2176	GUIDE-----	1
16	9S1044	GUARD ASSEM. --(front outer)	1
17	9S1043	GUARD ASSEM. -----	2
		(Rear outer-front inner)	
		(Each Includes)	
18	2M2933	NUT-----	2

19	9S1045	STRIP-----	3
20	9S1046	STRIP-----	3
21	6J1551	BOLT-----	8
	7S2831	WASHER-----	8
	1D4612	BOLT-----	8
22	1B4331	NUT-----	8
23	9F9522	BOLT-----	12
24	2P62	BRACKET-----	4

C INDICATES CHANGE

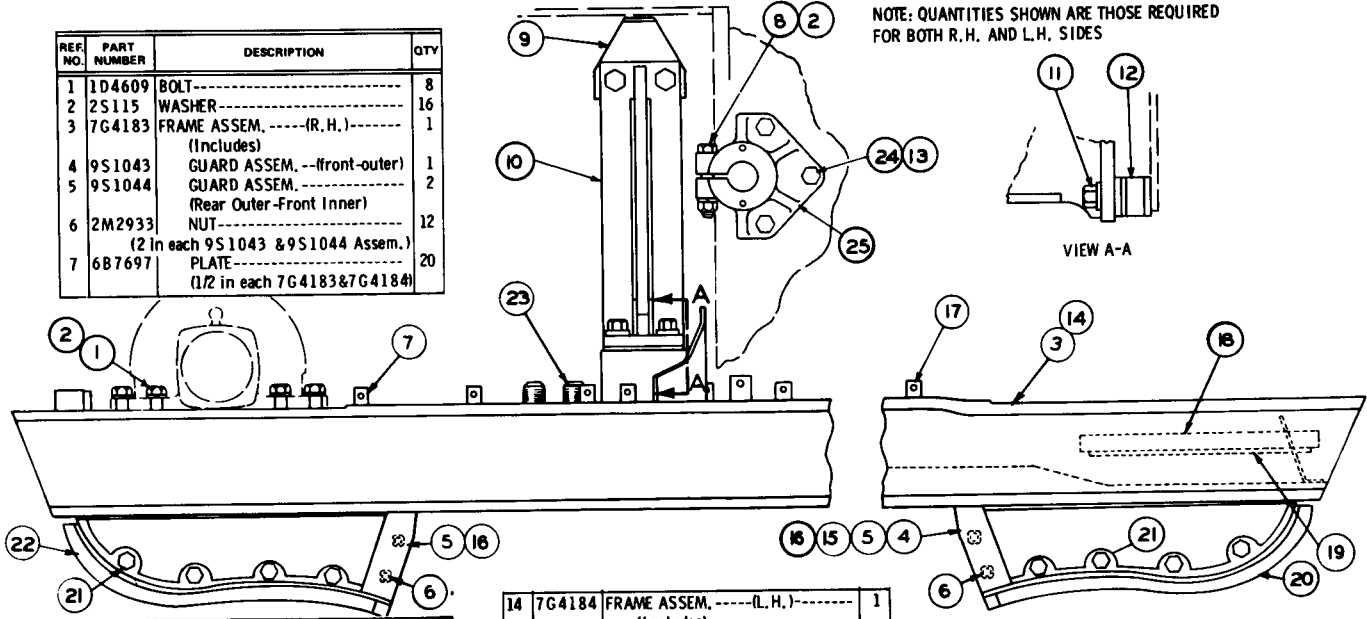
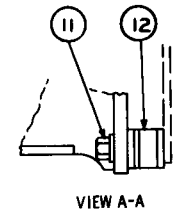
170105

7G1394 TRACK ROLLER FRAME GROUP

**9P7157 TRACK ROLLER FRAME GROUP**  
 Part of 9P3315 Steel Mill Arrangement listed on Page 142  
**AN ATTACHMENT**

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1D4609	BOLT-----	8
2	2S115	WASHER-----	16
3	7G4183	FRAME ASSEM. ----(R.H.)-----	1
(Includes)			
4	9S1043	GUARD ASSEM. --(front-outer)	1
5	9S1044	GUARD ASSEM. ----(Rear Outer-Front Inner)	2
6	2M2933	NUT-----	12
(2 in each 9S1043 & 9S1044 Assem.)			
7	6B7697	PLATE-----	20
(1/2 in each 7G4183&7G4184)			

NOTE: QUANTITIES SHOWN ARE THOSE REQUIRED FOR BOTH R.H. AND L.H. SIDES



8	S1756	BOLT-----	8
	1B4331	NUT-----	8
9	9P7150	BLOCK-----	2
10	9P6417	PLATE ASSEM.-----	2
	9S1363	BOLT-----	16
11	9M2828	WASHER-----	16
	6P6482	SHIM-----	22
12	6P6494	BLOCK-----	2
13	9H1031	WASHER-----	12

14	7G4184	FRAME ASSEM. ----(L.H.)-----	1
(Includes)			
15	9S1044	GUARD ASSEM. --(front-outer)	1
16	9S1043	GUARD ASSEM. ----(Rear Outer-Front Inner)	2
17	2M473	LUG-----	2
18	2P2177	GUIDE ASSEM.-----	4
(1/2 each in 7G4184 & 7G4183 Assem.)			
19	3P2178	STRIP-----	4
(1 in each 3P2177 Assem.)			

20	9S1045	STRIP-----	3
	S1566	BOLT-----	24
21	4D3704	WASHER-----	24
22	9S1046	STRIP-----	3
	6J1551	BOLT-----	8
	7S2831	WASHER-----	8
24	1D4625	BOLT-----	12
25	2P62	BRACKET-----	4

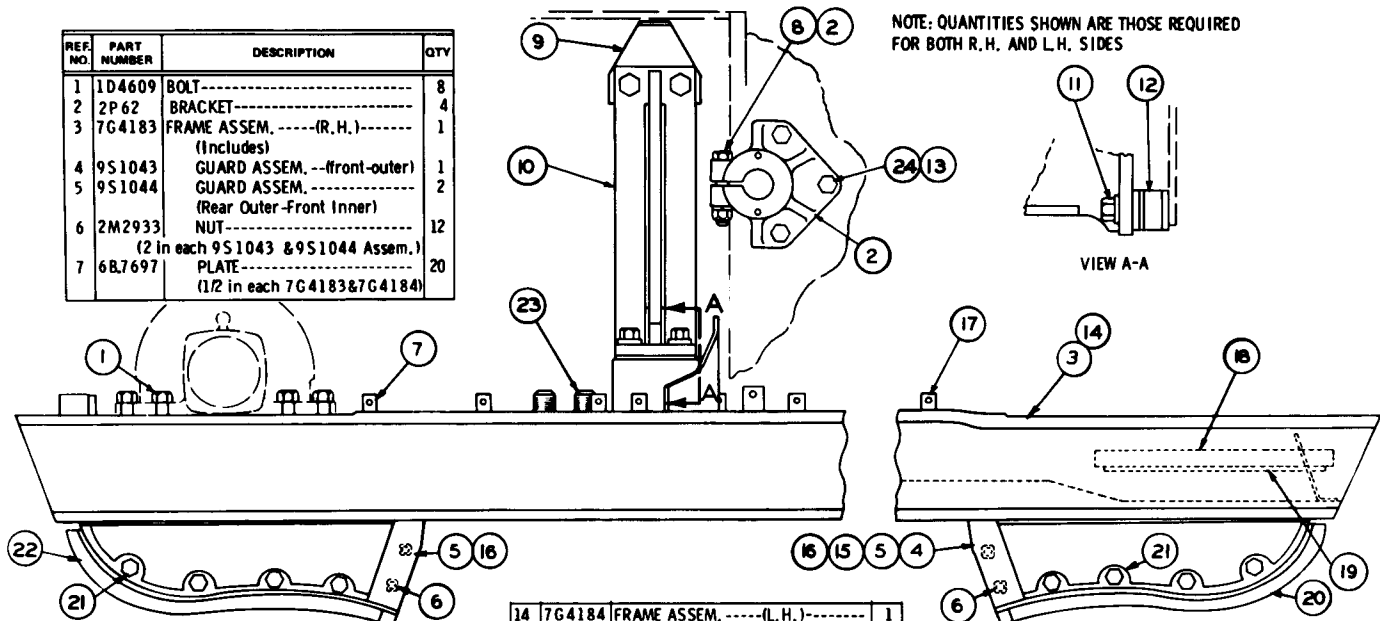
218305

CHASSIS AND UNDERCARRIAGE

**9P7157 TRACK ROLLER FRAME GROUP—Type 2**  
 Part of 9P3315 Steel Mill Arrangement listed on Page 142  
**AN ATTACHMENT**

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1D4609	BOLT-----	8
2	2P62	BRACKET-----	4
3	7G4183	FRAME ASSEM.----(R. H.)----- (Includes) GUARD ASSEM.--(front-outer) 1 GUARD ASSEM.----- (Rear Outer-Front Inner) 2	1
4	9S1043	GUARD ASSEM.--(front-outer)	1
5	9S1044	GUARD ASSEM.----- (Rear Outer-Front Inner)	2
6	2M2933	NUT----- (2 in each 9S 1043 & 9S 1044 Assem.)	12
7	6B.7697	PLATE----- (1/2 in each 7G 4183&7G4184)	20

NOTE: QUANTITIES SHOWN ARE THOSE REQUIRED FOR BOTH R. H. AND L. H. SIDES



C	8	1D4612	BOLT-----	8
		1B4331	NUT-----	8
		9P7150	BLOCK-----	2
		9P6417	PLATE ASSEM.-----	2
		9S1363	BOLT-----	16
		9M2828	WASHER-----	16
		6P6482	SHIM-----	22
		6P6494	BLOCK-----	2
		9H1031	WASHER-----	12

14	7G4184	FRAME ASSEM.----(L. H.)----- (Includes)	1
15	9S1044	GUARD ASSEM.--(front-outer)	1
16	9S1043	GUARD ASSEM.----- (Rear Outer-Front Inner)	2
17	2M473	{LUG-----	2
18	2P2177	{GUIDE ASSEM.----- (1/2 each in 7G4184 & 7G4183 Assem.)	4
19	3P2178	STRIP----- (1 in each 3P2177 Assem.)	4

20	9S1045	STRIP-----	3
	S1566	BOLT-----	24
21	4D3704	WASHER-----	24
22	9S1046	STRIP-----	3
	6J1551	BOLT-----	8
23	7S2831	WASHER-----	8
24	1D4625	BOLT-----	12

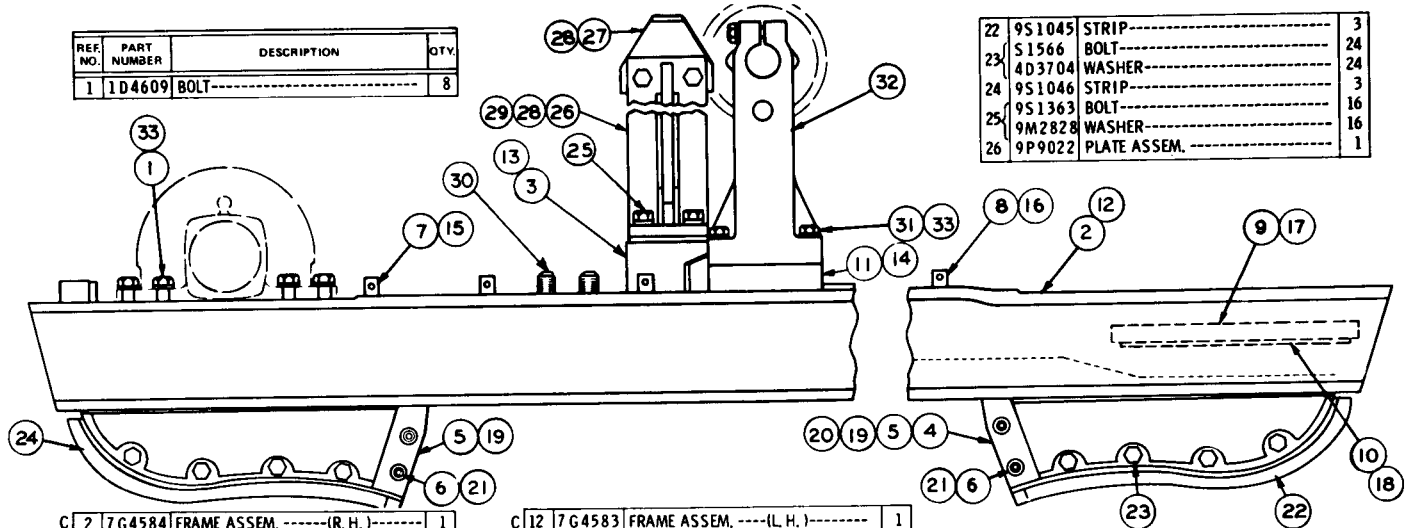
C INDICATES CHANGE

173982

**9P9021 TRACK ROLLER FRAME GROUP—Type 2**  
 Part of 9P5233 Wide Gauge Track Loader Arrangement listed on Page 143  
 AN ATTACHMENT

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1D4609	BOLT-----	8

22	9S1045	STRIP-----	3
23	51566	BOLT-----	24
23	4D3704	WASHER-----	24
24	9S1046	STRIP-----	3
25	9S1363	BOLT-----	16
25	9M2828	WASHER-----	16
26	9P9022	PLATE ASSEM.-----	1



C 2	7G4584	FRAME ASSEM. -----(R. H.)-----	1
		(Includes)	
3	6P6491	BLOCK-----	2
4	9S1043	GUARD ASSEM. --(front outer)	1
5	9S1044	GUARD ASSEM. -----(front inner & rear)	2
		(Each Includes)	
6	2M2933	NUT-----	2
7	6B7697	PLATE-----	9
8	2M473	LUG-----	2
9	3P2177	GUIDE ASSEM. -----	2
		(Each Includes)	
10	3P2178	STRIP-----	1
11	4S9208	PLATE-----	2

C 12	7G4583	FRAME ASSEM. -----(L. H.)-----	1
		(Includes)	
13	6P6491	BLOCK-----	2
14	4S9208	PLATE-----	2
15	6B7697	PLATE-----	9
16	2M473	LUG-----	2
17	3P2177	GUIDE ASSEM. -----	2
		(Each Includes)	
18	3P2178	STRIP-----	1
19	9S1043	GUARD ASSEM. -----	2
20	9S1044	GUARD ASSEM. --(front outer)	1
		(Each Includes)	
21	2M2933	NUT-----	2

27	9P7150	BLOCK-----	2
28	6P6482	SHIM-----	22
29	6P6494	BLOCK-----	2
30	6J1551	BOLT-----	8
30	7S2831	WASHER-----	8
31	1D4610	BOLT-----	24
32	7S9029	BRACKET-----	4
33	2S115	WASHER-----	32

NOTE: QUANTITIES SHOWN ARE THOSE REQUIRED FOR BOTH R. H. AND L. H. SIDES

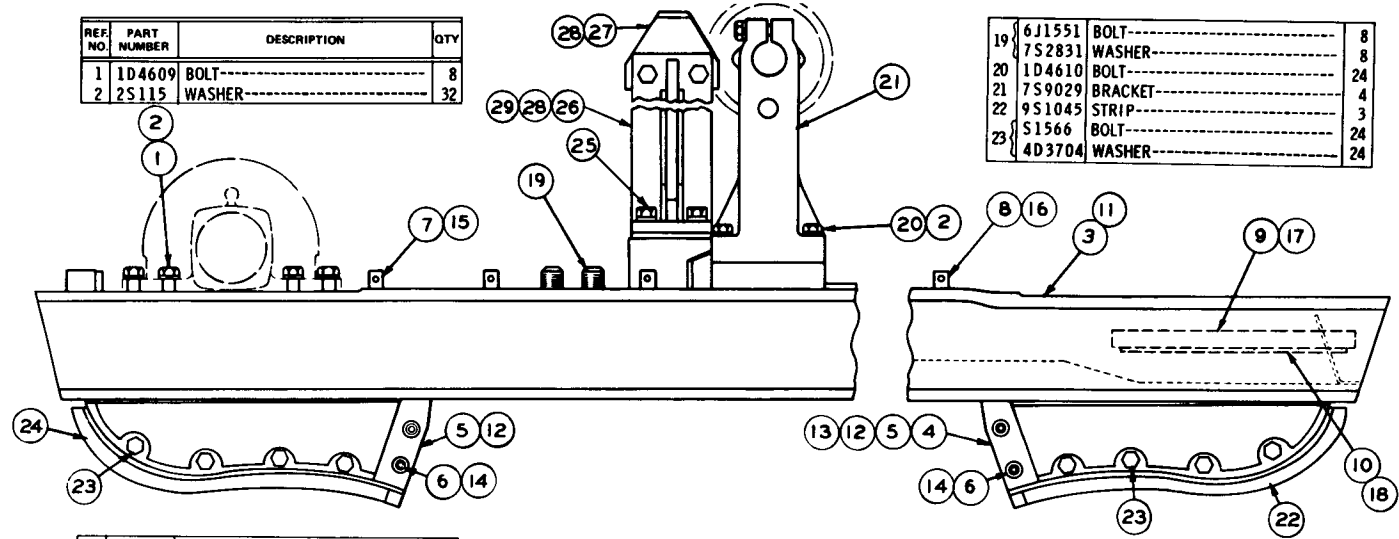
C INDICATES CHANGE

171819



REF NO.	PART NUMBER	DESCRIPTION	QTY
1	1D4609	BOLT-----	8
2	2S115	WASHER-----	32

19	6J1551	BOLT-----	8
	7S2831	WASHER-----	8
20	1D4610	BOLT-----	24
21	7S9029	BRACKET-----	4
22	9S1045	STRIP-----	3
23	S1566	BOLT-----	24
	4D3704	WASHER-----	24



3	6P7858	FRAME ASSEM. -----(R. H.)----	1
		(Includes)	
4	9S1043	(GUARD ASSEM. ---(front outer)	1
5	9S1044	(GUARD ASSEM. ---(front inner & rear)	2
		(Each Includes)	
6	2M2933	NUT-----	2
7	6B7697	PLATE-----	10
8	2M473	LUG-----	2
9	3P2177	GUIDE ASSEM. -----	2
		(Each Includes)	
10	3P2178	STRIP-----	1

11	6P7851	FRAME ASSEM. -----(L. H.)----	1
		(Includes)	
12	9S1043	(GUARD ASSEM. ---(front inner & rear)	2
13	9S1044	(GUARD ASSEM. ---(front outer)	1
		(Each Includes)	
14	2M2933	NUT-----	2
15	6B7697	PLATE-----	10
16	2M473	LUG-----	2
17	3P2177	GUIDE ASSEM. -----	2
		(Each Includes)	
18	3P2178	STRIP-----	1

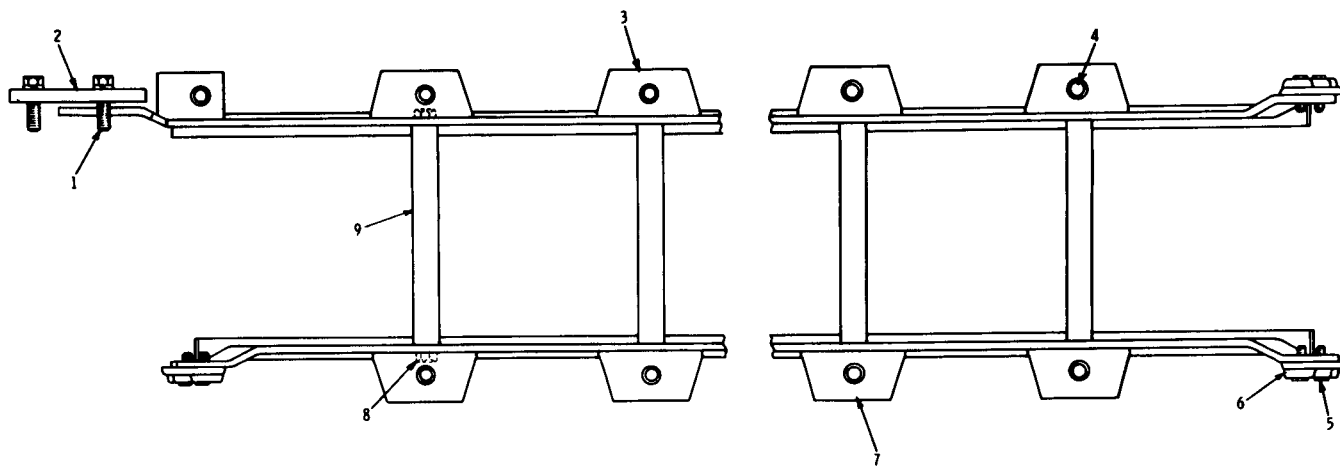
24	9S1046	STRIP-----	3
25	9S1363	BOLT-----	16
	9M2828	WASHER-----	16
26	9P9022	PLATE ASSEM. -----	1
27	9P7150	BLOCK-----	2
28	6P6482	SHIM-----	22
29	6P6494	BLOCK-----	2

NOTE: QUANTITIES SHOWN ARE THOSE REQUIRED FOR BOTH R. H. AND L. H. SIDES

218281

9P9021 TRACK ROLLER FRAME GROUP  
 Part of 9P5233 Wide Gauge Track Loader Arrangement listed on Page 143  
 AN ATTACHMENT

7G2222 TRACK ROLLER GUARD GROUP  
AN ATTACHMENT

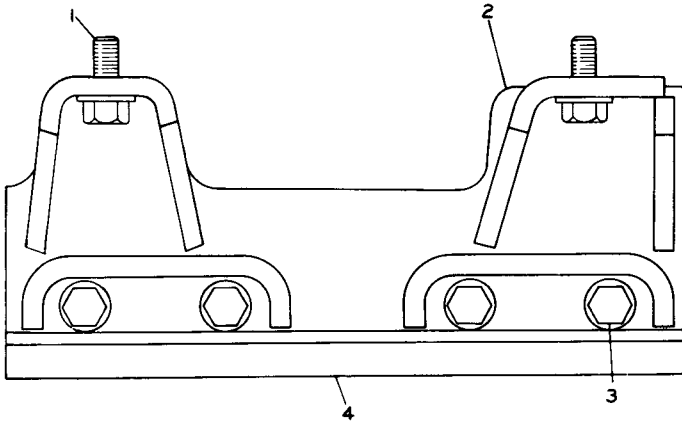


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	S1625	BOLT-----	4
2	8P1891	PLATE-----	2
3	7G1401	GUARD ASSEM. ---(R. H. -inner)--	1
	7G1397	GUARD ASSEM. ---(L. H. -inner)---	1

4	1D4626	BOLT-----	26
	3P9111	SPACER-----	26
5	S1585	BOLT-----	12
6	2M4668	RETAINER-----	6
7	7G1405	GUARD ASSEM. --- (R. H. -outer)-	1
	7G1403	GUARD ASSEM. --- (L. H. -outer)--	1

	8H1383	ROD-----	12
8	1B4208	NUT-----	24
	5P8249	WASHER-----	24
9	2F25	TUBE-----	12

218130

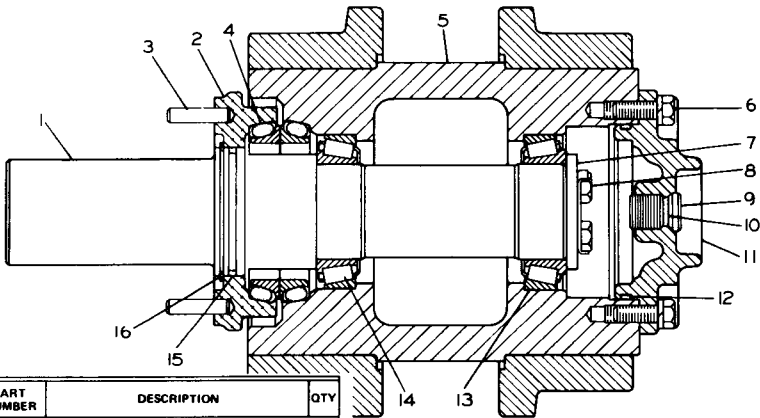


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	9F9522	BOLT-----	8
1	5P8249	WASHER-----	8
2	7G1409	GUARD ASSEM.-----	2

3	S1592	BOLT-----	16
3	5P8247	WASHER-----	16
4	1P1006	STRIP-----	4

218126

7G1408 TRACK GUIDING GUARD GROUP  
AN ATTACHMENT



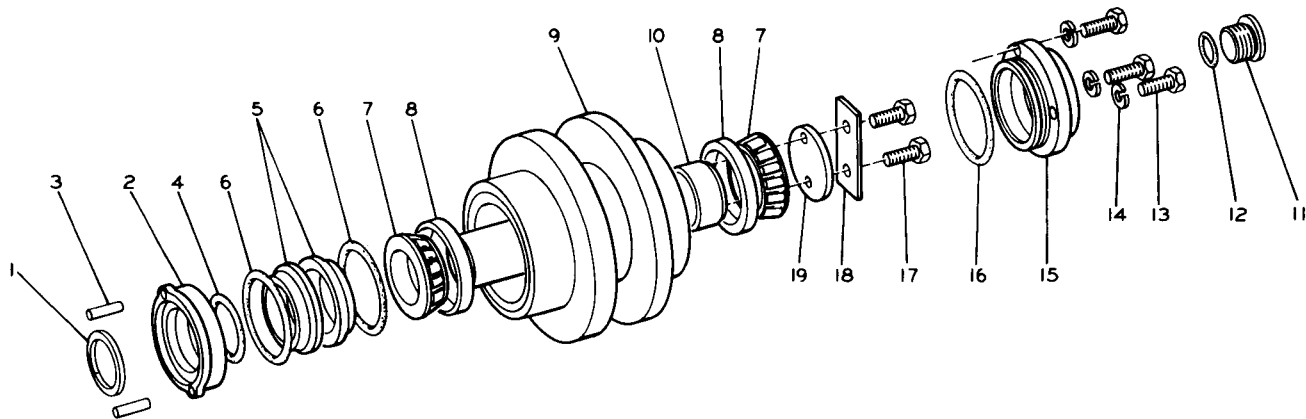
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1P8715	SHAFT-----	1
2	7H4571	COLLAR ASSEM.-----	1
3	1M4291	DOWEL-----	2
4	4S8984	SEAL GROUP-----	1
4	9M9730	RING-----	2
4	1M8747	SEAL-----	2
5	1P8716	ROLLER ASSEM.-----	1
6	S1594	BOLT-----	3
6	3B4506	LOCKWASHER-----	3
7	9S3568	PLATE-----	1

8	T703	BOLT-----	2
8	T329	LOCK-----	1
9	2P347	PLUG-----	1
10	2P2975	SEAL-----	1
11	5M2043	COVER-----	1
12	2P3538	SEAL-----	1
13	9S3581	CUP-----	2
14	9S3582	CONE-----	2
15	1S2174	SEAL-----	1
16	7H4574	RING-----	1

140220

2P3514 TRACK CARRIER ROLLER GROUP—4 required  
Part of 9P3315 Steel Mill Arrangement listed on Page 142  
AN ATTACHMENT

1P8717 TRACK CARRIER ROLLER GROUP—4 required



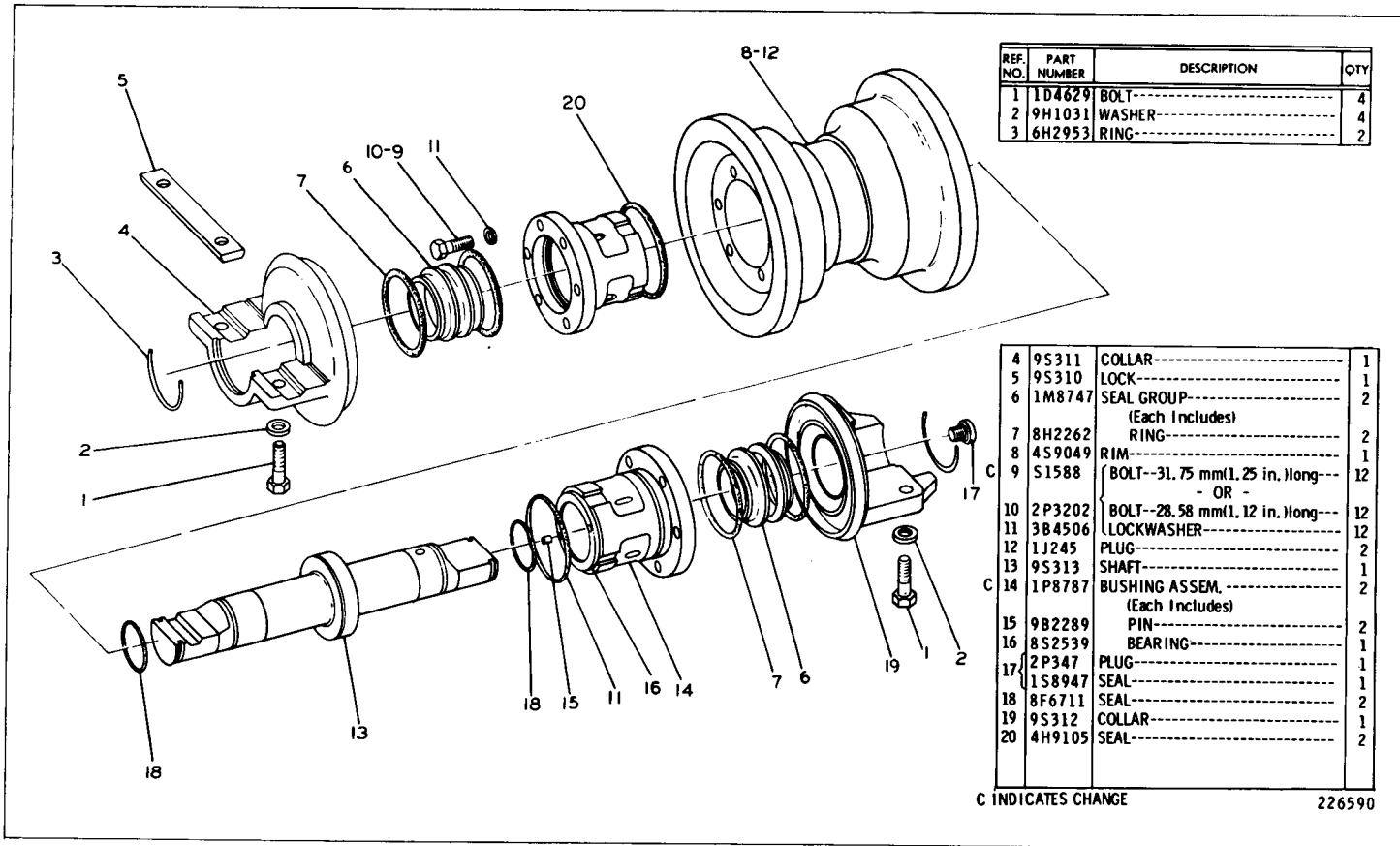
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	7H4574	RING-----	1
2	7H4571	COLLAR ASSEM.-----	1
3	1M4291	DOWEL-----	2
4	1H8720	SEAL-----	1

5	1M8747	SEAL GROUP-----	1
6	8H2262	RING----- (Rubber)-----	2
7	9S3582	CONE-----	2
8	9S3581	CUP-----	2
9	1P8716	ROLLER ASSEM.-----	1
10	1P8715	SHAFT-----	1
11	2P347	PLUG-----	1
12	1S8947	SEAL-----	1

13	S1594	BOLT-----	3
14	3B4506	LOCKWASHER-----	3
15	5M2043	COVER-----	1
16	2H6338	SEAL-----	1
17	T703	BOLT-----	2
18	T329	LOCK-----	1
C19	8P6188	PLATE-----	1

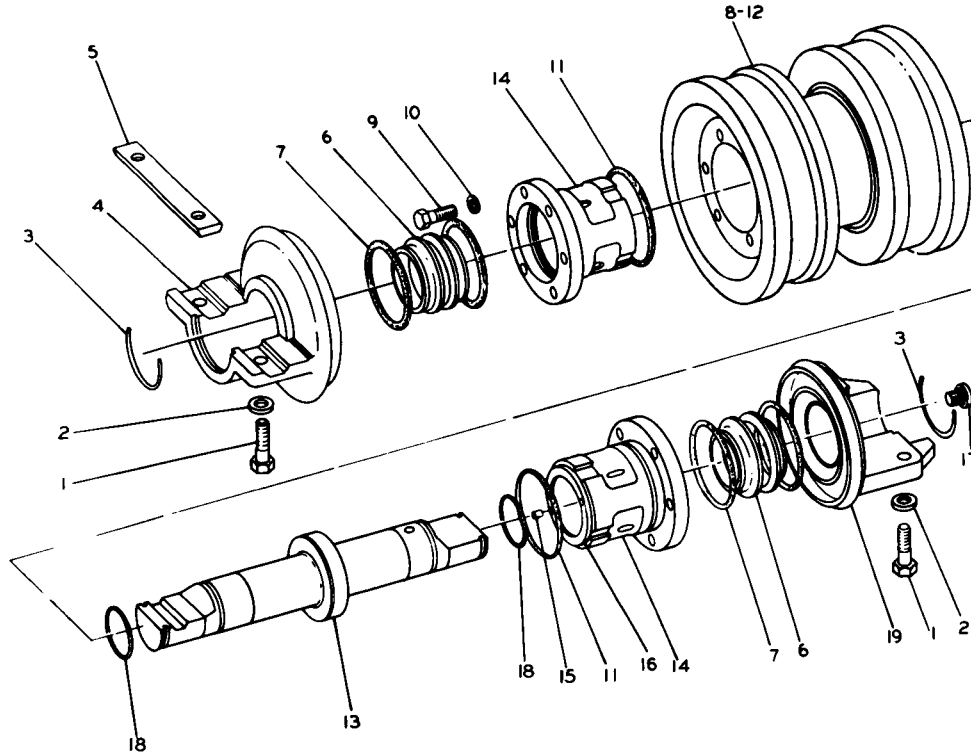
C INDICATES CHANGE

218551



4S9051 TRACK ROLLER GROUP—Single Flange—6 required

8S2933 TRACK ROLLER GROUP—Double Flange—8 Required  
 Serial No. 14X1 to 14X1745 and 14X1939—Up



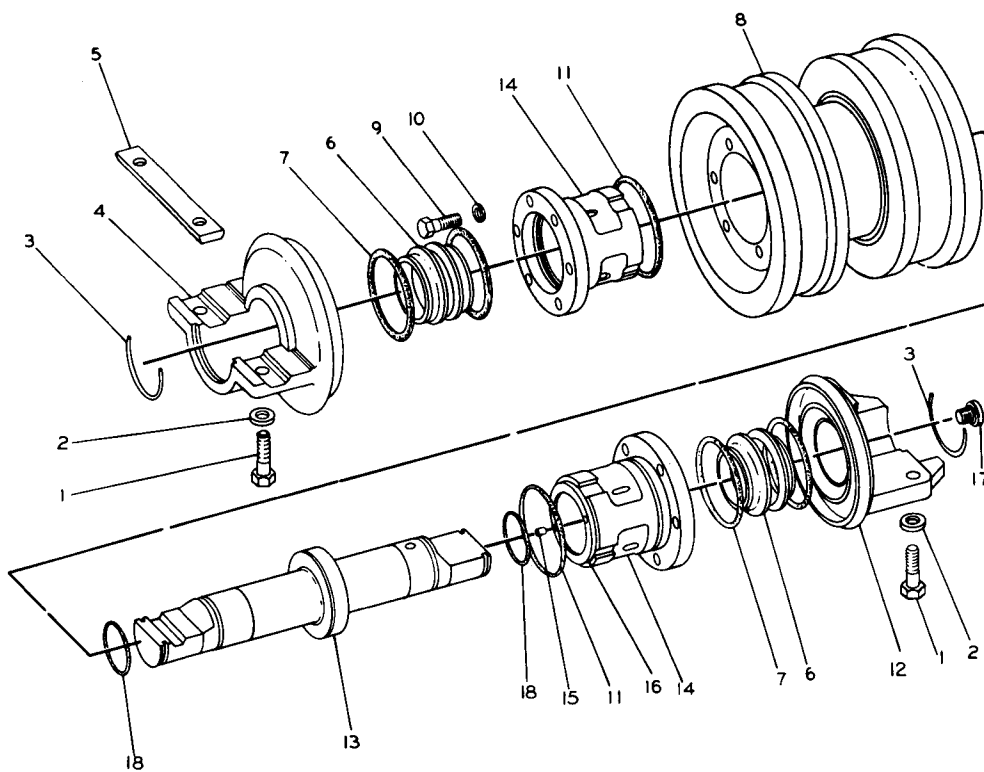
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	D4629	BOLT-----	4
2	9H1031	WASHER-----	4
3	6H2953	RING-----	2

4	9S311	COLLAR-----	1
5	9S310	LOCK-----	1
6	1M8747	SEAL GROUP----- (Each Includes)	2
7	8H2262	RING-----	2
8	8S2931	RIM ASSEM.-----	1
9	S1588	BOLT-----	12
10	3B4506	LOCKWASHER-----	12
11	4H9105	SEAL-----	2
12	1J245	PLUG-----	2
13	9S313	SHAFT-----	1
14	1P8787	BUSHING ASSEM.----- (Each Includes)	2
15	9B2289	PIN-----	2
16	8S2539	BEARING-----	1
17	2P347	PLUG-----	1
17	1S8947	SEAL-----	1
18	8F6711	SEAL-----	2
19	9S312	COLLAR-----	1

C INDICATES CHANGE

205313

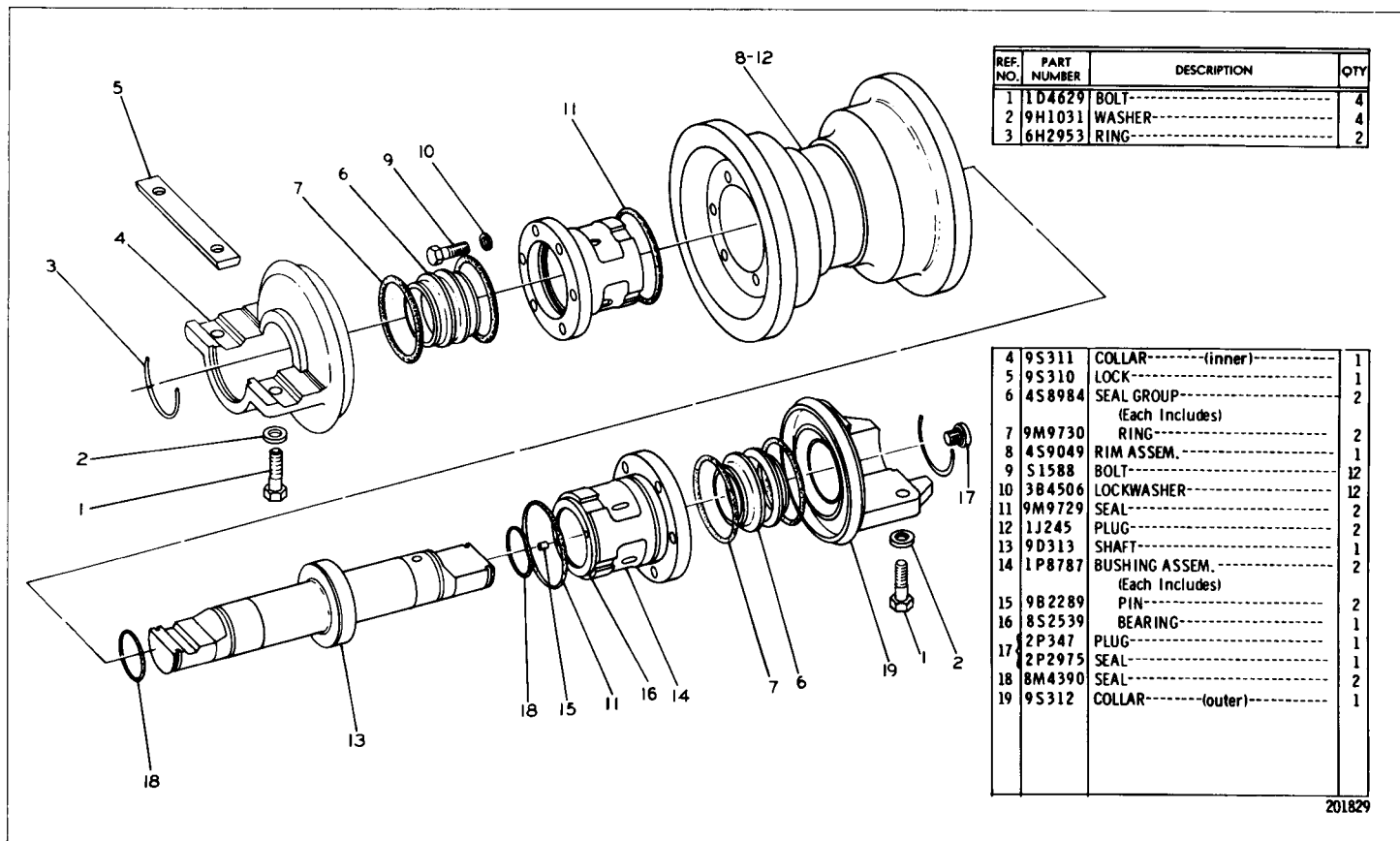
6P9885 TRACK ROLLER GROUP—Double Flange—8 Required  
 Serial No. 14X1746 to 14X1938 inclusive



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1D4629	BOLT-----	4
2	9H1031	WASHER-----	4
3	6H2953	RING-----	2

4	9S311	COLLAR-----	1
5	9S310	LOCK-----	1
6	1M8747	SEAL GROUP-----	2
		(Each Includes)	
7	8H2262	RING-----	2
8	2P5945	ROLLER-----	1
9	S1588	BOLT-----	12
10	3B4506	LOCKWASHER-----	12
11	4H9105	SEAL-----	2
12	9S312	COLLAR-----	2
13	9S313	SHAFT-----	1
14	1P8787	BUSHING ASSEM.-----	2
		(Each Includes)	
15	9B2289	PIN-----	2
16	8P6651	BEARING ASSEM.-----	1
17	2P347	PLUG-----	1
18	1S8947	SEAL-----	1
	8F6711	SEAL-----	2

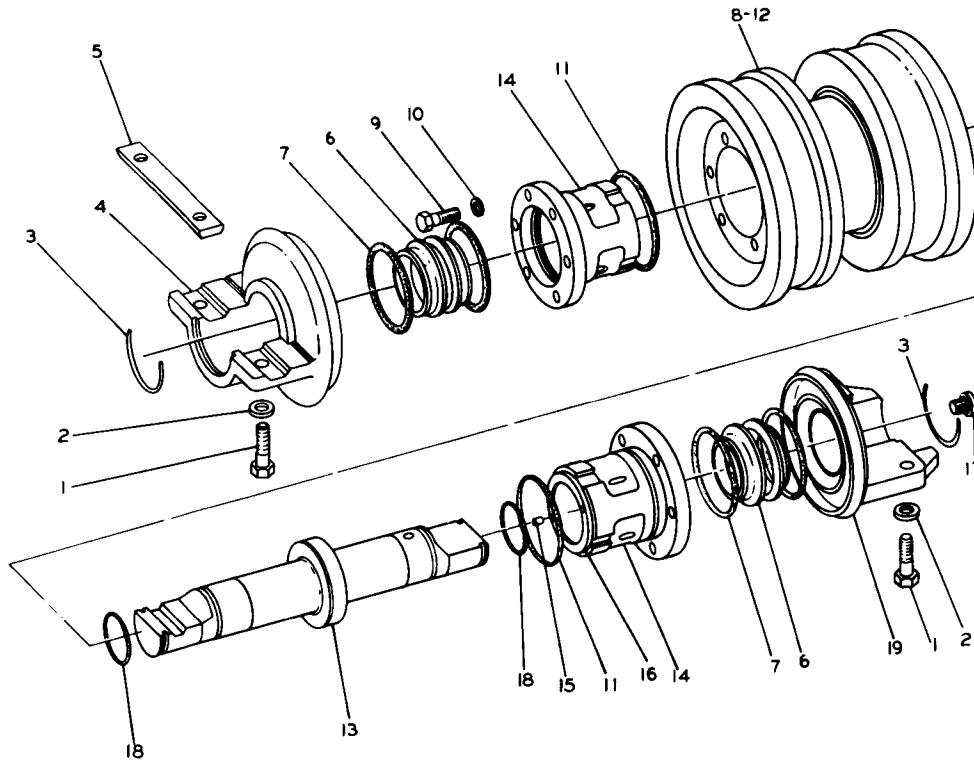
228461



3P1520 TRACK ROLLER GROUP—Single Flange—6 Required  
 Part of 9P3315 Steel Mill Arrangement listed on Page 142  
 AN ATTACHMENT



3P1521 TRACK ROLLER GROUP—Double Flange—8 Required  
 Part of 9P3315 Steel Mill Arrangement listed on Page 142  
 AN ATTACHMENT

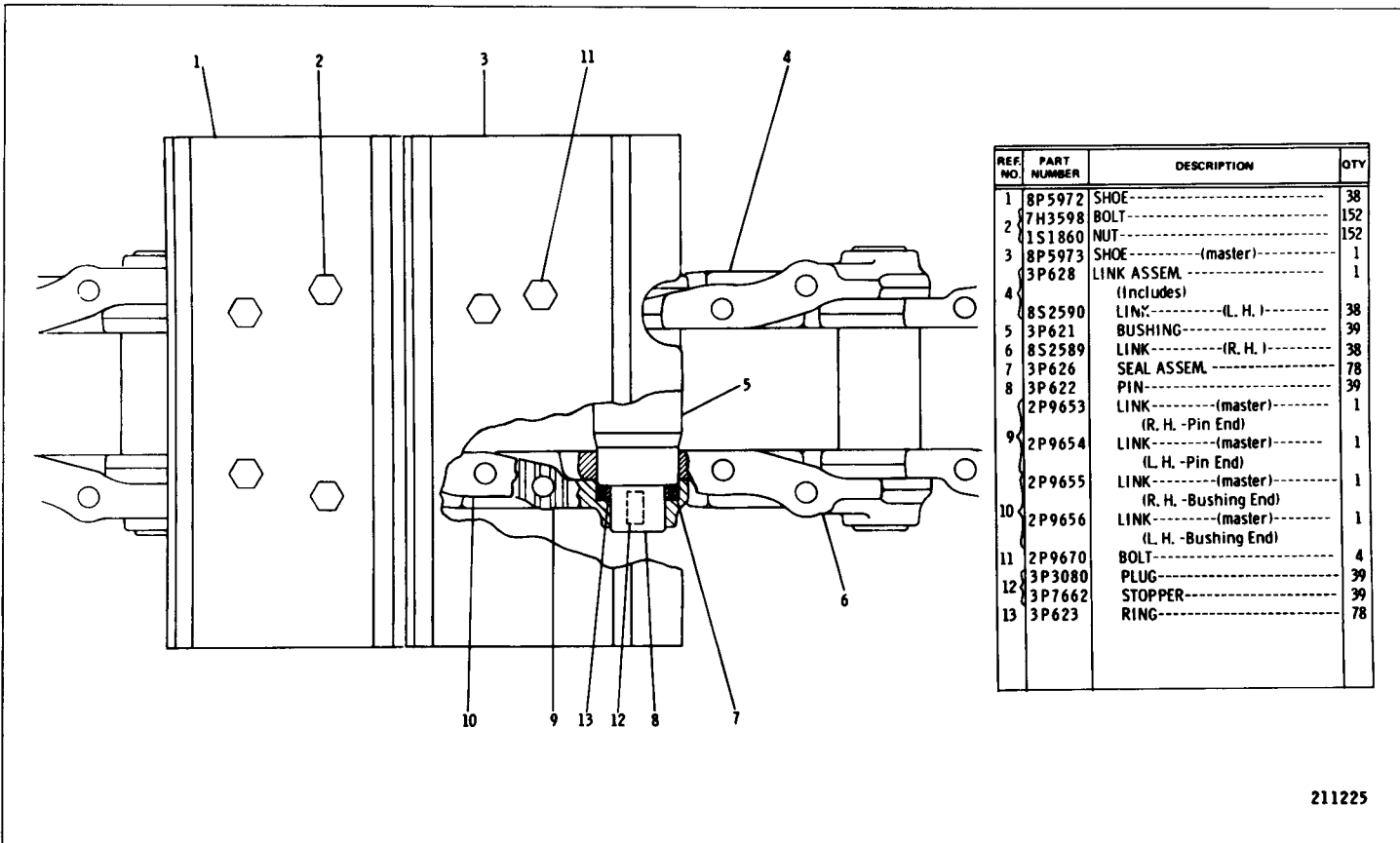


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1D4629	BOLT-----	4
2	9H1031	WASHER-----	4
3	6H2953	RING-----	2

4	9S311	COLLAR----- (inner)	1
5	9S310	LOCK-----	1
6	4S8984	SEAL GROUP----- (Each Includes)	2
7	9M9730	RING-----	2
8	8S2931	RIM ASSEM.-----	1
9	51588	BOLT-----	12
10	3B4506	LOCKWASHER-----	12
11	9M9729	SEAL-----	2
12	1J245	PLUG-----	2
13	9S313	SHAFT-----	1
14	1P8787	BUSHING ASSEM.----- (Each Includes)	2
15	9B2289	PIN-----	2
16	8S2539	BEARING-----	1
17	2P347	PLUG-----	1
18	2P2975	SEAL-----	1
18	8M4390	SEAL-----	2
19	9S312	COLLAR----- (outer)	1

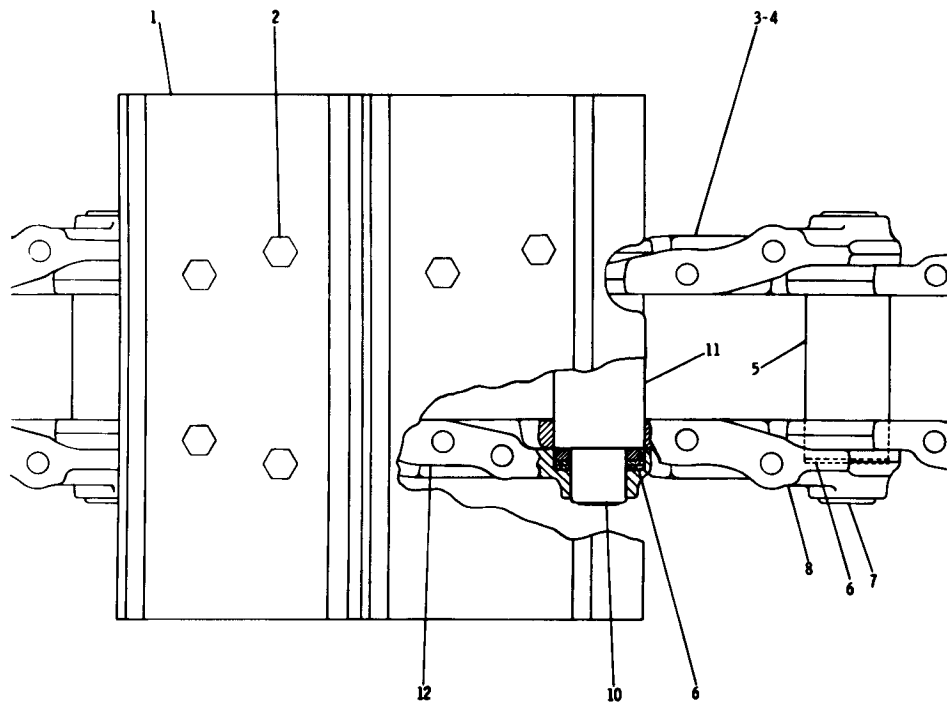
201830

8P5974 TRACK GROUP—457 mm (18 in.) Double Grouser Shoe—Sealed and Lubricated—2 Required



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8P5972	SHOE-----	38
2	7H3598	BOLT-----	152
	1S1860	NUT-----	152
3	8P5973	SHOE----- (master)	1
	3P628	LINK ASSEM.	1
4		(Includes)	
	8S2590	LINK----- (L. H.)	38
5	3P621	BUSHING-----	39
6	8S2589	LINK----- (R. H.)	38
7	3P626	SEAL ASSEM.-----	78
8	3P622	PIN-----	39
	2P9653	LINK----- (master)	1
		(R. H. -Pin End)	
9	2P9654	LINK----- (master)	1
		(L. H. -Pin End)	
	2P9655	LINK----- (master)	1
		(R. H. -Bushing End)	
10	2P9656	LINK----- (master)	1
		(L. H. -Bushing End)	
11	2P9670	BOLT-----	4
12	3P3080	PLUG-----	39
	3P7662	STOPPER-----	39
13	3P623	RING-----	78

211225

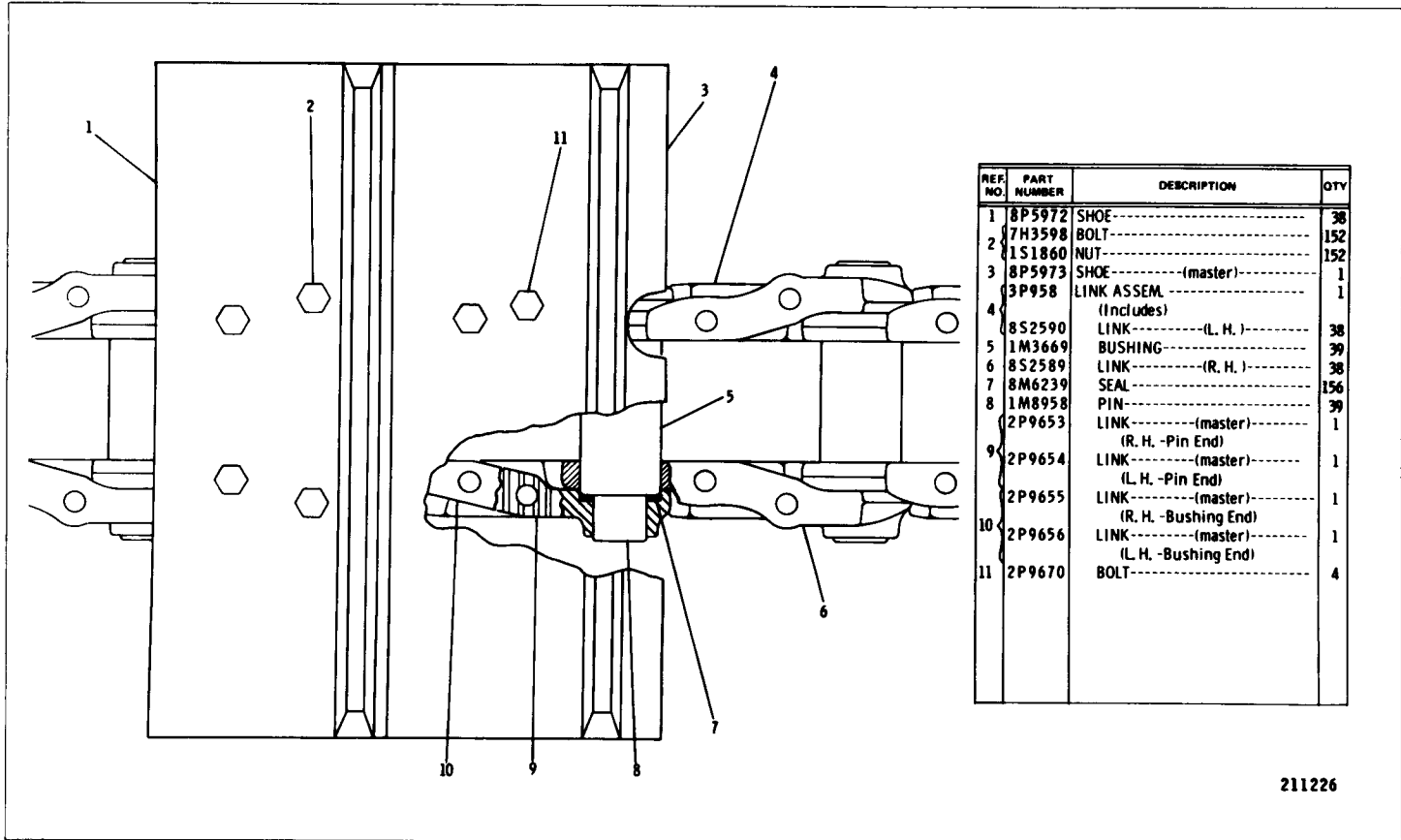


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8P5972	SHOE-----	39
2	7H3598	BOLT-----	156
	1S1860	NUT-----	156
3	8S2606	LINK ASSEM.-----	1
		(Includes)	
4	8S2590	LINK----- (L. H.)-----	38
5	1M3669	BUSHING-----	38
6	8M6239	SEAL-----	156
7	1M8958	PIN-----	38
8	8S2589	LINK----- (R. H.)-----	38
9	8M6238	SPACER-----	2
10	1M8957	PIN-----	1
11	1M3670	BUSHING-----	1
12	9S2953	LINK----- (master-R. H.)-----	1
	9S2954	LINK----- (master-L. H.)-----	1

218762

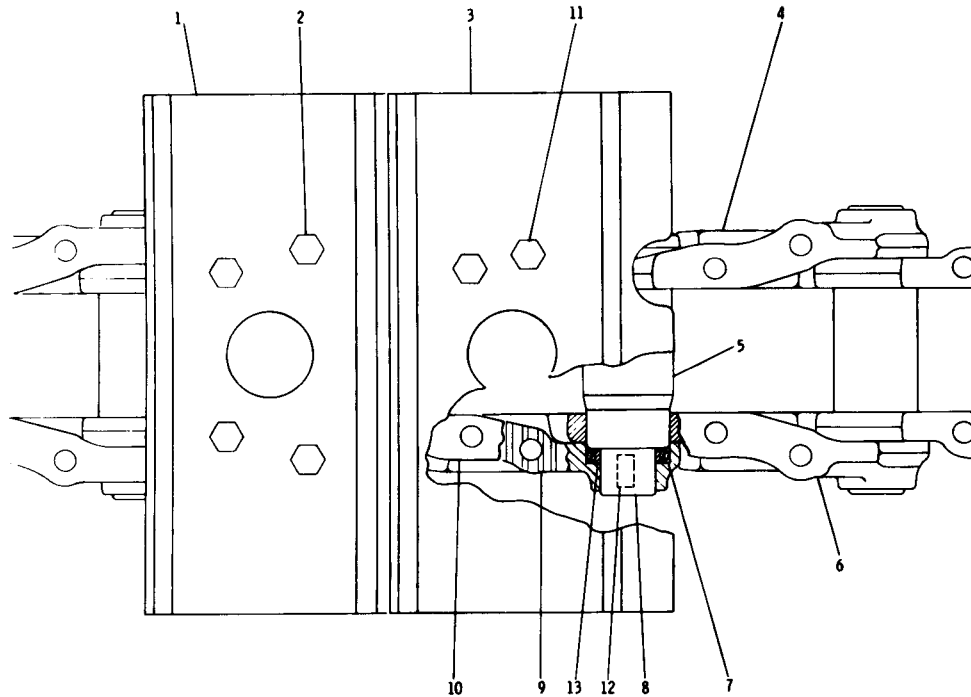
9P7955 TRACK GROUP—457 mm (18 in.) Double Grouser Shoe—2 Required  
 Provides one Piece Master Links for use in Steel Mill applications  
 AN ATTACHMENTS

8P5975 TRACK GROUP—457 mm (18 in.) Double Grouser Shoe—2 Required  
 WITHOUT 76.5 mm (3 in.) Diameter Center Punch. AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8P5972	SHOE-----	38
2	7H3598	BOLT-----	152
3	1S1860	NUT-----	152
3	8P5973	SHOE----- (master)	1
3	3P958	LINK ASSEM.-----	1
4		(Includes)	
4	8S2590	LINK----- (L. H.)-----	38
5	1M3669	BUSHING-----	39
6	8S2589	LINK----- (R. H.)-----	38
7	8M6239	SEAL-----	156
8	1M8958	PIN-----	39
8	2P9653	LINK----- (master)	1
9		(R. H. - Pin End)	
9	2P9654	LINK----- (master)	1
9		(L. H. - Pin End)	
9	2P9655	LINK----- (master)	1
9		(R. H. - Bushing End)	
10	2P9656	LINK----- (master)	1
10		(L. H. - Bushing End)	
11	2P9670	BOLT-----	4

211226



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	6P7093	SHOE-----	38
2	7H3598	BOLT-----	152
	1S1860	NUT-----	152
3	6P7094	SHOE----- (master)	1
	3P628	LINK ASSEM.	1
4		(Includes)	
	8S2590	LINK----- (L. H.)	38
5	3P621	BUSHING-----	39
6	8S2589	LINK----- (R. H.)	38
7	3P626	SEAL ASSEM.-----	78
8	3P622	PIN-----	39
	2P9653	LINK----- (master)	1
		(R. H. - Pin End)	
9	2P9654	LINK----- (master)	1
		(L. H. - Pin End)	
	2P9655	LINK----- (master)	1
		(R. H. - Bushing End)	
10	2P9656	LINK----- (master)	1
		(L. H. - Bushing End)	
11	2P9670	BOLT-----	4
	3P3080	PLUG-----	39
12	3P7662	STOPPER-----	39
13	3P623	RING-----	78

159564

8P6227 TRACK GROUP—559 mm (22 in.) Double Grouser Shoe—Sealed and Lubricated—2 Required  
 Part of 9P5233 Wide Gauge Track Loader Arrangement listed on Page 143  
 AN ATTACHMENT

9P5109 HYDRAULIC ARRANGEMENT--4 VALVE  
FOR USE WITH REAR ATTACHMENTS

CONSISTS OF:			PAGE
1	8J5814	TANK AND VALVE GROUP .....	171
1	9P5105	HAND CONTROL GROUP (REAR) .....	218
1	2P7607	REAR HYDRAULIC LINES GROUP .....	200
1	.....	FORM SMHS7207	

9P1403 HYDRAULIC ARRANGEMENT--4 VALVE  
FOR USE WITH FRONT AND REAR ATTACHMENTS

CONSISTS OF:			PAGE
1	8J5814	TANK AND VALVE GROUP .....	171
1	9P5111	HAND CONTROL GROUP (FRONT AND REAR) ....	216
1	9P5114	FRONT HYDRAULIC LINES GROUP .....	198
1	2P7607	REAR HYDRAULIC LINES GROUP .....	200
1	.....	FORM SMHS7207	

9P1404 HYDRAULIC ARRANGEMENT--4 VALVE  
FOR USE WITH FRONT ATTACHMENTS

CONSISTS OF:			PAGE
1	8J5814	TANK AND VALVE GROUP .....	171
1	9P5106	HAND CONTROL GROUP (FRONT) .....	217
1	9P5114	FRONT HYDRAULIC LINES GROUP .....	198
1	.....	FORM SMHS7207	

9G6746 ARRANGEMENT--4 VALVE  
FOR USE WITH REAR ATTACHMENTS AND ROPS

CONSISTS OF:			PAGE
1	9G6509	REAR HYDRAULIC LINES GROUP .....	200B
1	8J5814	TANK AND VALVE GROUP .....	171
1	9P5105	HAND CONTROL GROUP (REAR) .....	218
1	.....	FORM SMHS7207	

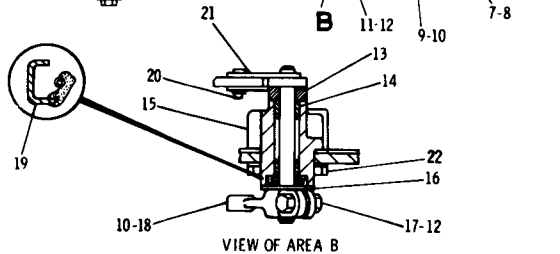
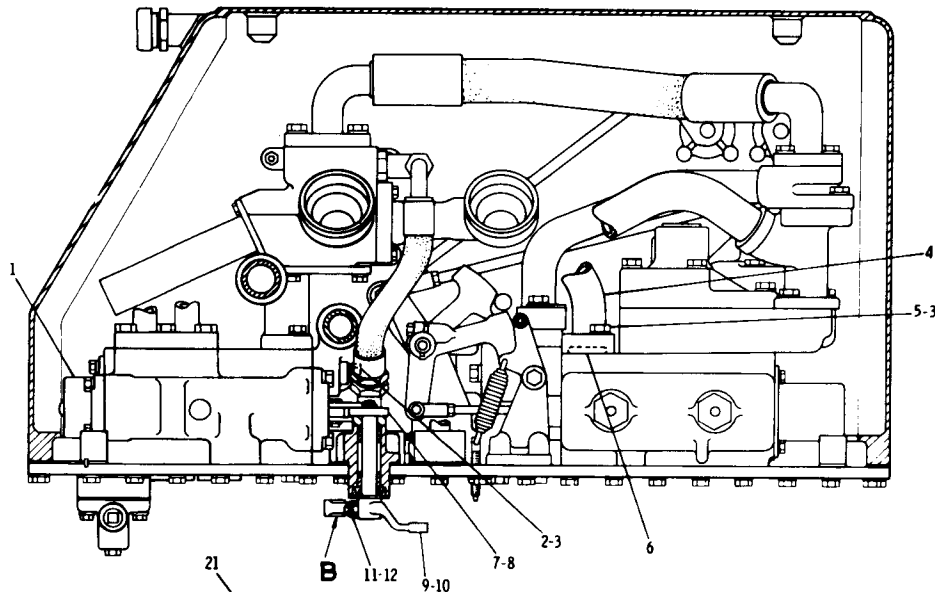
9G6747 ARRANGEMENT--4 VALVE  
FOR USE WITH FRONT AND REAR ATTACHMENTS AND ROPS

CONSISTS OF:			PAGE
1	9G6509	REAR HYDRAULIC LINES GROUP .....	200B
1	8J5814	TANK AND VALVE GROUP .....	171
1	9P5111	HAND CONTROL GROUP (FRONT AND REAR) ....	216
1	9P5114	FRONT HYDRAULIC LINES GROUP .....	198
1	.....	FORM SMHS7207	

## CONSISTS OF:

		PAGE
1	7K9391 CYLINDER GROUP--LIFT-R.H. ....	205
1	7K9396 CYLINDER GROUP--LIFT-L.H. ....	206
1	3P6139 CYLINDER GROUP--TILT .....	209
1	3P6140 CYLINDER GROUP--TILT .....	210
1	8J5815 TANK AND VALVE GROUP .....	180
1	9P7851 PUMP LINES GROUP .....	190
1	9J8767 GEAR PUMP GROUP .....	191
1	7G2575 OPERATOR WARNING GROUP .....	86

8J5814 HYDRAULIC TANK AND VALVE GROUP—Part 1 of 5  
 Part of 9P1403, 9P1404 and 9P5109 Hydraulic Arrangements listed on Page 169  
 5J7963 Control Valve parts are shown on Page 186. AN ATTACHMENT



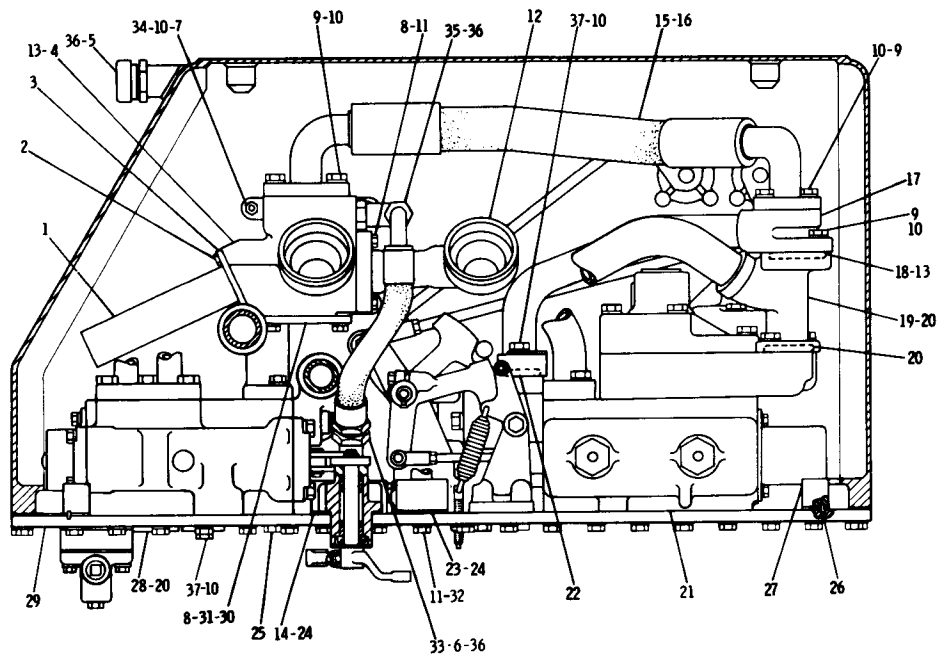
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	5J7963	VALVE GROUP----- (Separate Illustration)	1
2	9S1366	BOLT-----	2
3	5P8245	WASHER-----	4
4	5J5151	TUBE ASSEM.-----	1
4	4J522	SEAL-----	1
5	5K7143	BOLT-----	2
6	4J523	SEAL-----	1
7	8J6133	LEVER ASSEM.-----	1
8	7H3912	BUSHING-----	1
9	6J2449	LEVER-----	1
10	1B8706	KEY-----	2
C 11	51591	BOLT-----	1
12	1D4717	NUT-----	2
13	2H5746	ADAPTER-----	2
14	9H8751	BEARING-----	4
15	8J7240	HOUSING-----	2
16	4J8425	GASKET-----	2
16	8B4037	WASHER-----	2
17	S1590	BOLT-----	1
18	3J532	LEVER-----	1
19	3J4407	SEAL-----	2
20	5F9199	PIN-----	4
20	8S7803	RETAINER-----	4
21	4J7942	LINK-----	4
C 22	343557	BOLT-----	8

C INDICATES CHANGE

170133

HYDRAULIC SYSTEM





REF. NO.	PART NUMBER	DESCRIPTION	QTY
	3G3824	TUBE ASSEM. ....	1
1	3G3820	SPRING .....	1
	3G3821	VALVE .....	1
2	5K9107	BOLT .....	2

3	3G3823	FLANGE .....	1
4	3G2303	BASE .....	1
5	3G4783	VALVE .....	1
6	307944	ELBOW .....	1
7	2K4973	NUT .....	3
8	5M2894	WASHER .....	4

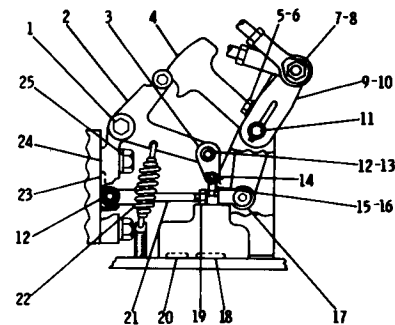
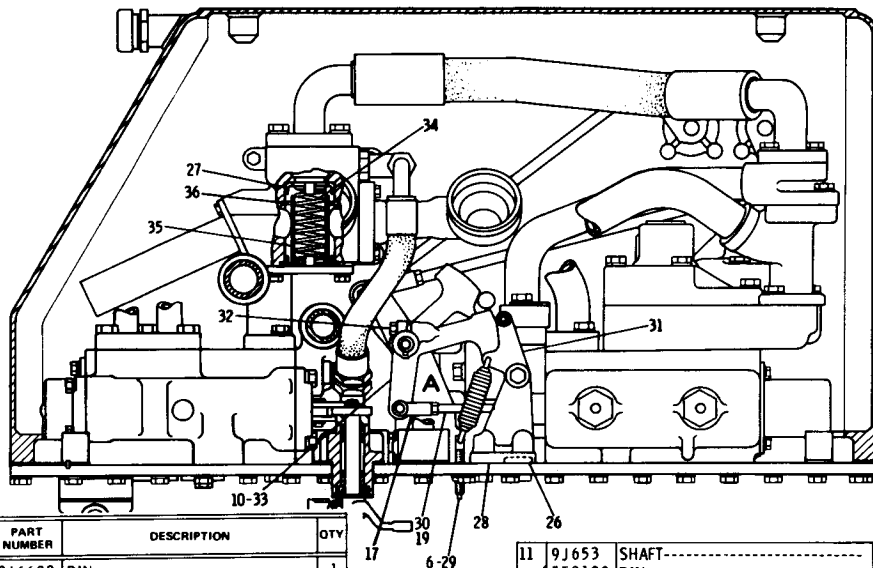
C 9	5K7143	BOLT .....	10
10	5P8245	WASHER .....	23
11	343557	BOLT .....	5
12	3G2346	ADAPTER .....	1
13	4J522	SEAL .....	2
14	3G3849	BLOCK .....	1
15	3G3862	HOSE ASSEM. ....	1
16	4J524	SEAL .....	2
17	3G3749	TUBE ASSEM. ....	1
18	9D8799	RING .....	1
19	3G3728	TUBE ASSEM. ....	1
20	4J523	SEAL .....	6
21	8J5813	VALVE GROUP .....	1
		(Separate Illustration)	
22	1P3705	SEAL .....	1
23	7J772	TUBE ASSEM. ....	1
24	5J5166	GASKET .....	2
25	308538	BOLT .....	6
26	3F4479	PIN .....	2
27	8J2381	BLOCK .....	2
	8J2352	GASKET .....	2
28	3K2759	COVER .....	4
29	3G5823	PLATE .....	1
	5J5234	GASKET .....	1
30	4N794	COVER .....	1
	8F6711	SEAL .....	1
C 31	5D353	BOLT .....	10
32	4B5167	WASHER .....	3
33	3G3864	HOSE ASSEM. --32.40 cm(12.75 in.)	1
34	3V3308	WASHER--20.5 mm(.807 in.) Thick	3
35	342136	ELBOW .....	1
36	3D2824	SEAL .....	3
C 37	5P4143	BOLT .....	10

C INDICATES CHANGE

170134

8J5814 HYDRAULIC TANK AND VALVE GROUP—Part 2 of 5  
 Part of 9P1403, 9P1404 and 9P5109 Hydraulic Arrangements listed on Page 169  
 8J5813 Control Valve parts are shown on Pages 184 and 185. AN ATTACHMENT

8J5814 HYDRAULIC TANK AND VALVE GROUP—Part 3 of 5  
 Part of 9P1403, 9P1404 and 9P5109 Hydraulic Arrangements listed on Page 169  
 AN ATTACHMENT



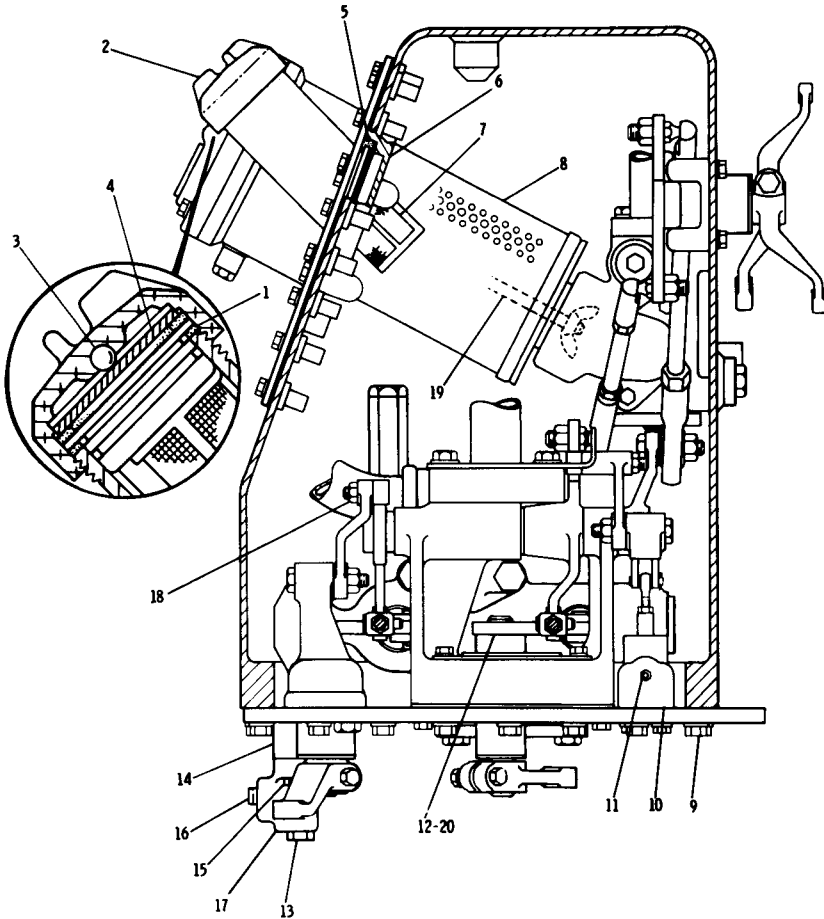
REAR VIEW OF AREA A

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	2J6602	PIN-----	1
1	4D6432	NUT-----	1
2	5J5071	LEVER-----	1
3	5J7518	LINK-----	2
4	5J5111	LEVER-----	1
5	308537	BOLT-----	1
6	5M2894	WASHER-----	3
7	S1587	BOLT-----	1
8	1K6872	NUT-----	1
9	3G5840	LEVER-----	1
10	1B8706	KEY-----	2

11	9J653	SHAFT-----	1
12	5F9199	PIN-----	3
13	8S7803	RETAINER-----	3
13	7H3912	BUSHING-----	1
14	2S975	PIN-----	1
14	3B4607	COTTER PIN-----	1
15	5J7546	ROD-----	1
16	1B4201	NUT-----	1
17	1J8489	END-----	2
18	5F7054	SEAL-----	1
19	1B4203	NUT-----	2
20	6F4855	SEAL-----	1

21	5J5933	ROD-----	1
22	6H962	SPRING-----	2
23	4J519	SEAL-----	1
24	5J5109	BRACKET-----	1
25	5K7143	BOLT-----	2
26	8F3469	SEAL-----	4
27	3G3853	VALVE-----	2
28	7J6226	BRACKET-----	1
28	7J6227	EYESCREW-----	2
29	1D4717	NUT-----	2
29	8J6775	SEAL-----	2
30	5J5932	ROD-----	1
31	5J5108	LEVER-----	1
32	1A2209	BOLT-----	1
33	5J5110	LEVER-----	1
34	3G3827	SPRING-----	1
35	3G3945	TUBE-----	1
36	3G8500	RING-----	1

218746



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	3G361	GASKET-----	1
2	7H1447	CAP-----	1
3	7B6368	BALL-----	1
4	6H5139	PLATE-----	1
	9H6454	GASKET-----	1
	6J1080	GROMMET-----	1
5	6J1081	GLASS-----	1
	3G6455	PLATE-----	1
6	9J8243	RETAINER-----	1
7	9J3047	STRAINER-----	1
	9J5461	ELEMENT ASSEM.-----	2
8		-OR-	
▲	3G3448	ELEMENT----(fire resistant fluid)--	2
9	3I2523	BOLT-----	52
	5P8244	WASHER-----	52

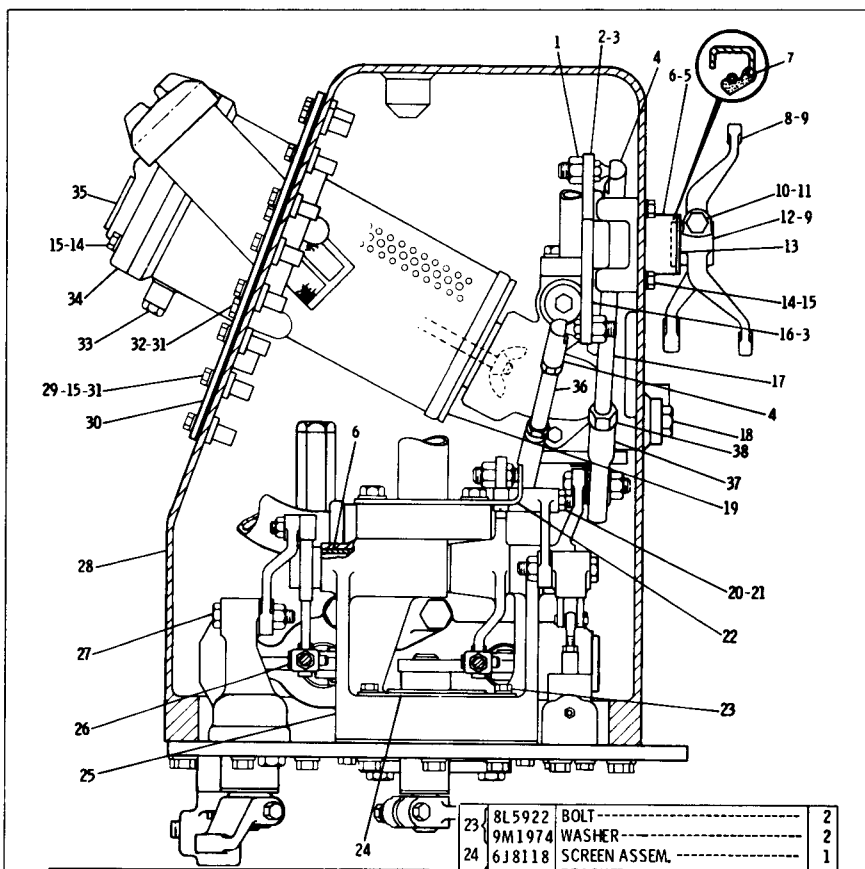
10	5J7958	VALVE GROUP-----	1
		(Includes)	
11	3D4603	PLUG-----	1
12	8J6132	LEVER ASSEM.-----	1
13	4B7739	PLUG-----	1
14	8J2288	SPACER-----	1
	8H9818	GASKET-----	2
	3I0220	BOLT-----	2
15	4B5167	WASHER-----	2
16	8J135	PLUG-----	1
17	8H9819	ADAPTER-----	1
18	2J8262	ROLLER-----	1
	2L6267	NUT-----	1
19	5P1843	STUD-----	2
	2B9498	NUT-----	2
20	7H3912	BUSHING-----	1

▲ NOT PART OF 8J5814 HYDRAULIC TANK AND VALVE GROUP

218747

8J5814 HYDRAULIC TANK AND VALVE GROUP—Part 4 of 5

Part of 9P1403, 9P1404 and 9P5109 Hydraulic Arrangements listed on Page 169  
AN ATTACHMENT



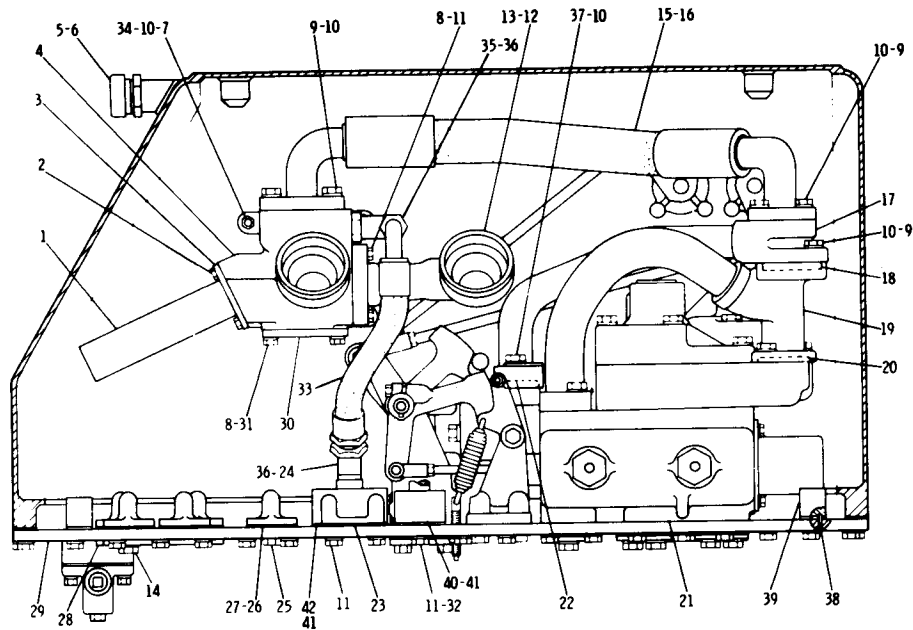
REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	2K 564	LOCKNUT-----	3
2	9J652	LEVER ASSEM.-----	1
3	2H5746	ADAPTER-----	2
4	8J6171	ROD END ASSEM.-----	3
5	5J8102	HOUSING-----	2
	4J8425	GASKET-----	2
6	9H8751	BEARING-----	8
7	3J4407	SEAL-----	2
8	8P8301	BELLCRANK-----	1
9	1B8706	KEY-----	2
C 10	S1591	BOLT-----	2
11	1D4717	NUT-----	2
12	8P 8414	LEVER-----	1
13	8B4037	WASHER-----	2
14	343557	BOLT-----	16
15	5M2894	WASHER-----	64
16	3G3856	LEVER ASSEM.-----	1
17	5J7702	ROD-----	1
18	3J5389	P LUG-----	1
19	9J1979	RETAINER ASSEM.-----	2
	7D1195	SEAL-----	2
20	4J3441	ROLLER-----	1
21	2L6267	NUT-----	1
22	3G3894	STOP-----	1

23	8L5922	BOLT-----	2
	9M1974	WASHER-----	2
24	6J8118	SCREEN ASSEM.-----	1
25	7J779	BRACKET-----	1
	5J5247	GASKET-----	1
26	5F9199	PIN-----	2
	8S7803	RETAINER-----	2
27	2J6602	PIN-----	1
	4D6432	NUT-----	1
	3G3826	TANK ASSEM.-----	1
28		(Includes)	
	8J6910	STUD-----	3
29	6J2237	BOSS-----	48
30	3G2348	COVER ASSEM.-----	1
	3G3855	GASKET-----	1
31	5D353	BOLT-----	52
32	5H6005	SEAL-----	4
	9S4191	P LUG-----	2
33	3J1907	SEAL-----	2
	9J1778	COVER-----	2
34	5H6733	SEAL-----	2
	9J1991	HANDLE-----	2
	308535	BOLT-----	4
35	9S 8010	PLUG-----	2
	2S4078	SEAL-----	1
36	8J6101	ROD-----	2
37	4D4065	ROD END-----	1
38	1B4430	NUT-----	4

C INDICATES CHANGE

170135

8J5814 HYDRAULIC TANK AND VALVE GROUP—Part 5 of 5  
 Part of 9P1403, 9P1404 and 9P5109 Hydraulic Arrangements listed on Page 169  
 AN ATTACHMENT



REF NO	PART NUMBER	DESCRIPTION	QTY
1	3G3824	TUBE ASSEM. ....	1
	3G3820	SPRING .....	1
	3G3821	VALVE .....	1
2	5K9107	BOLT .....	2

C INDICATES CHANGE

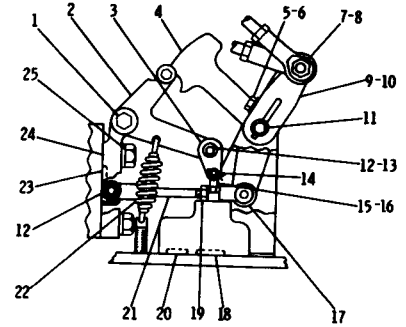
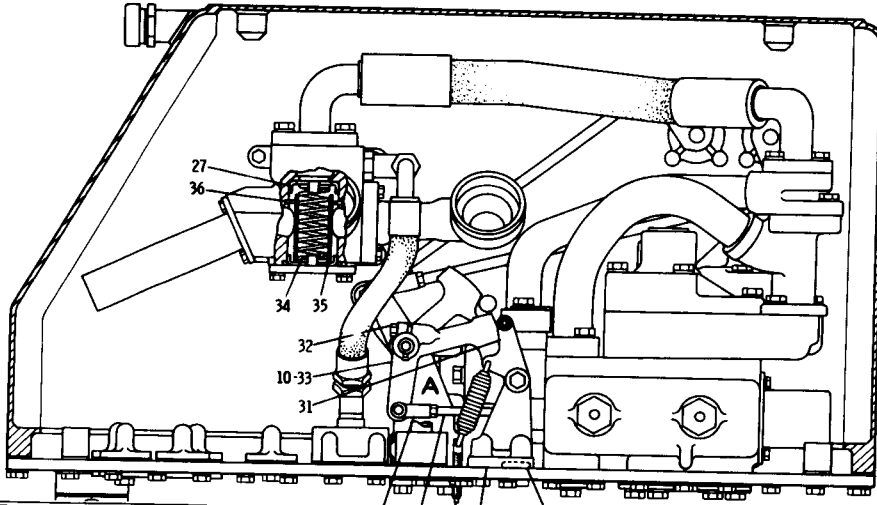
3	3G3823	FLANGE .....	1
4	3G2303	BASE .....	1
5	3G4783	VALVE .....	1
6	3D2824	SEAL .....	2
7	2K4973	NUT .....	3
8	5M2894	WASHER .....	7

9	5K7143	BOLT .....	10
10	5P8245	WASHER .....	12
11	343557	BOLT .....	21
12	3G2346	ADAPTER .....	1
13	4J522	SEAL .....	2
14	310223	BOLT .....	8
15	3G3862	HOSE ASSEM. ....	1
16	4J524	SEAL .....	2
17	3G3749	TUBE ASSEM. ....	1
18	9D8799	RING .....	1
19	3G2285	TUBE ASSEM. ....	1
20	4J523	SEAL .....	2
21	8J5813	VALVE GROUP .....	1
(Separate Illustration)			
22	1P3705	SEAL .....	1
23	7J2852	COVER .....	2
24	4J8425	GASKET .....	2
25	307944	ELBOW .....	1
26	308538	BOLT .....	2
27	8J6129	COVER .....	5
28	2J1799	GASKET .....	9
29	1J8476	COVER .....	4
30	3G5823	PLATE .....	1
31	5J5234	GASKET .....	1
32	4N794	COVER .....	1
33	8F6711	SEAL .....	1
34	5D353	BOLT .....	2
35	4B5167	WASHER .....	3
36	3G3864	HOSE ASSEM. --32.40cm(12.75 in.)	1
37	3V3308	WASHER--20.5 mmf. 807 in. 1 Thick	3
38	342136	ELBOW .....	1
39	3D2824	SEAL .....	2
40	5P4143	BOLT .....	2
41	3F4479	PIN .....	2
42	8J2381	BLOCK .....	2
	8J2352	GASKET .....	2
	7J772	TUBE ASSEM. ....	1
	5J5166	GASKET .....	1
	3G3849	BLOCK .....	1

170136

8J5812 HYDRAULIC TANK AND VALVE GROUP—Part 1 of 4  
 8J5813 Control Valve parts are shown on Page 184 and 185

8J5812 HYDRAULIC TANK AND VALVE GROUP—Part 2 of 4



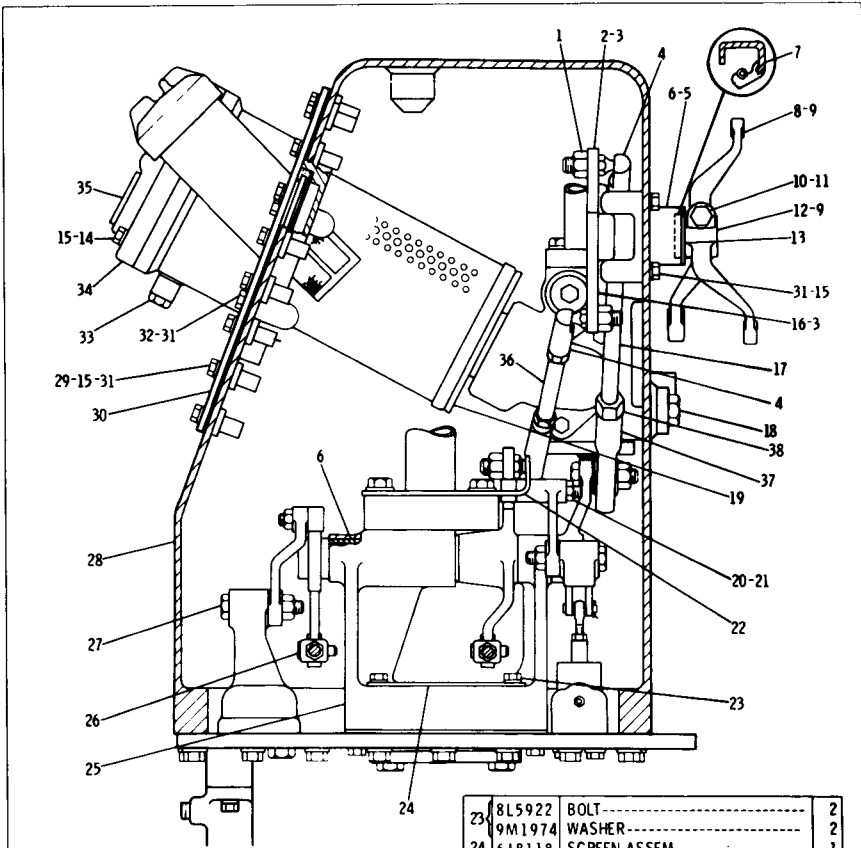
REAR VIEW OF AREA A

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	2J6602	PIN-----	1
2	4D6432	NUT-----	1
3	5J5071	LEVER-----	1
3	5J7518	LINK-----	2
4	5J5111	LEVER-----	1
5	308537	BOLT-----	1
6	5M2894	WASHER-----	3
7	S1587	BOLT-----	1
8	1K6872	NUT-----	1
9	3G5840	LEVER-----	1
10	1B8706	KEY-----	2
11	9J653	SHAFT-----	1

12	5F9199	PIN-----	3
	8S7803	RETAINER-----	3
13	7H3912	BUSHING-----	1
	2S975	PIN-----	1
14	3B4607	COTTER PIN-----	1
15	5J7546	ROD-----	1
	1B4201	NUT-----	1
17	1J8489	END-----	2
18	5F7054	SEAL-----	1
19	1B4203	NUT-----	2
20	6F4855	SEAL-----	1
21	5J5933	ROD-----	1

22	6H962	SPRING-----	2
23	4J519	SEAL-----	1
24	5J5109	BRACKET-----	1
25	5K7143	BOLT-----	2
	5P8245	WASHER-----	2
26	8F3469	SEAL-----	2
27	3G3853	VALVE-----	2
28	7J6226	BRACKET-----	1
	7J6227	EYESCREW-----	2
29	1D4717	NUT-----	2
	8J6775	SEAL-----	2
30	5J5932	ROD-----	1
31	5J5108	LEVER-----	1
32	1A2209	BOLT-----	1
33	5J5110	LEVER-----	1
34	3G3827	SPRING-----	1
35	3G3945	TUBE-----	1
36	3G8500	RING-----	1

218629

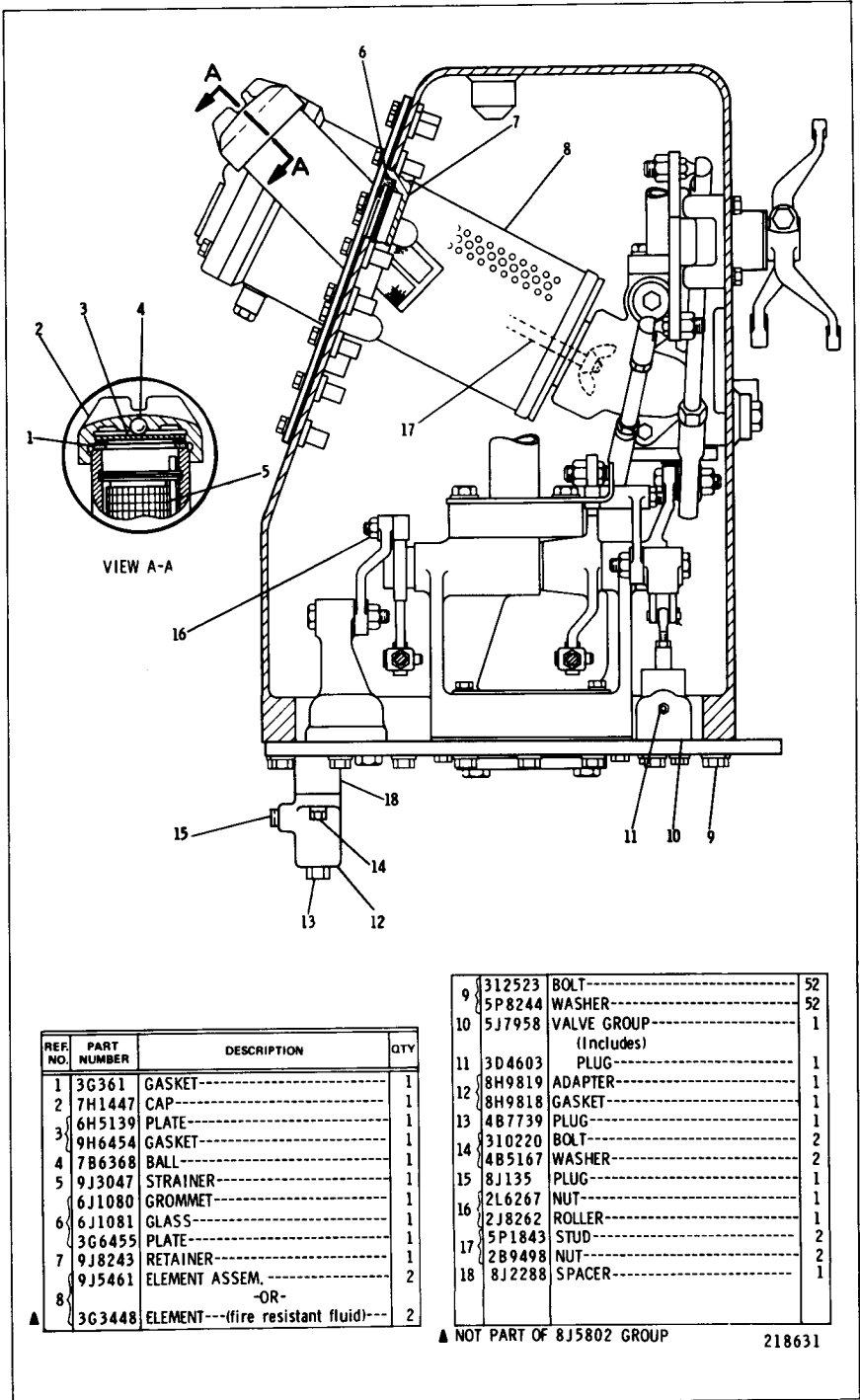


REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	2K564	LOCKNUT-----	3
2	9J652	LEVER ASSEM.-----	1
3	2H5746	ADAPTER-----	2
4	8J6171	ROD END ASSEM.-----	3
5	5J8102	HOUSING-----	2
6	4J8425	GASKET-----	2
6	9H8751	BEARING-----	8
7	3J4407	SEAL-----	2
8	8P8301	BELLCRANK-----	1
9	1B8706	KEY-----	2
C 10	S1591	BOLT-----	2
11	1D4717	NUT-----	1
12	8P8414	LEVER-----	1
13	8B4037	WASHER-----	2
14	343557	BOLT-----	8
15	5M2894	WASHER-----	64
16	3G3856	LEVER ASSEM.-----	1
17	5J7702	ROD-----	1
18	3J5389	PLUG-----	1
19	9J1979	RETAINER-----	2
	7D1195	SEAL-----	2
20	4J3441	ROLLER-----	1
21	2L6267	NUT-----	1
22	3G3894	STOP-----	1

23	8L5922	BOLT-----	2
	9M1974	WASHER-----	2
24	6J8118	SCREEN ASSEM.-----	1
25	7J7779	BRACKET-----	1
	5J5247	GASKET-----	1
26	5F9199	PIN-----	2
	857803	RETAINER-----	2
27	2J6602	PIN-----	1
	4D6432	NUT-----	1
	3G3826	TANK ASSEM.-----	1
28		(Includes)	
	8J6910	STUD-----	3
29	6J2237	BOSS-----	48
30	3G2348	COVER ASSEM.-----	1
	3G3855	GASKET-----	1
31	5D353	BOLT-----	60
32	5H6005	SEAL-----	4
33	9S4191	PLUG-----	2
	3J1907	SEAL-----	2
	9J1778	COVER-----	2
34	5H6733	SEAL-----	2
	9J1991	HANDLE-----	2
	308535	BOLT-----	4
35	9S8010	PLUG-----	2
	2S4078	SEAL-----	2
36	8J6101	ROD-----	1
37	4D4065	ROD END-----	1
38	1B4430	NUT-----	4

C INDICATES CHANGE

170138



REF NO.	PART NUMBER	DESCRIPTION	QTY
1	3G361	GASKET-----	1
2	7H1447	CAP-----	1
3	6H5139	PLATE-----	1
3	9H6454	GASKET-----	1
4	7B6368	BALL-----	1
5	9J3047	STRAINER-----	1
6	6J1080	GROMMET-----	1
6	6J1081	GLASS-----	1
6	3G6455	PLATE-----	1
7	9J8243	RETAINER-----	1
8	9J5461	ELEMENT ASSEM.-----	2
▲	3G3448	ELEMENT---(fire resistant fluid)---	2

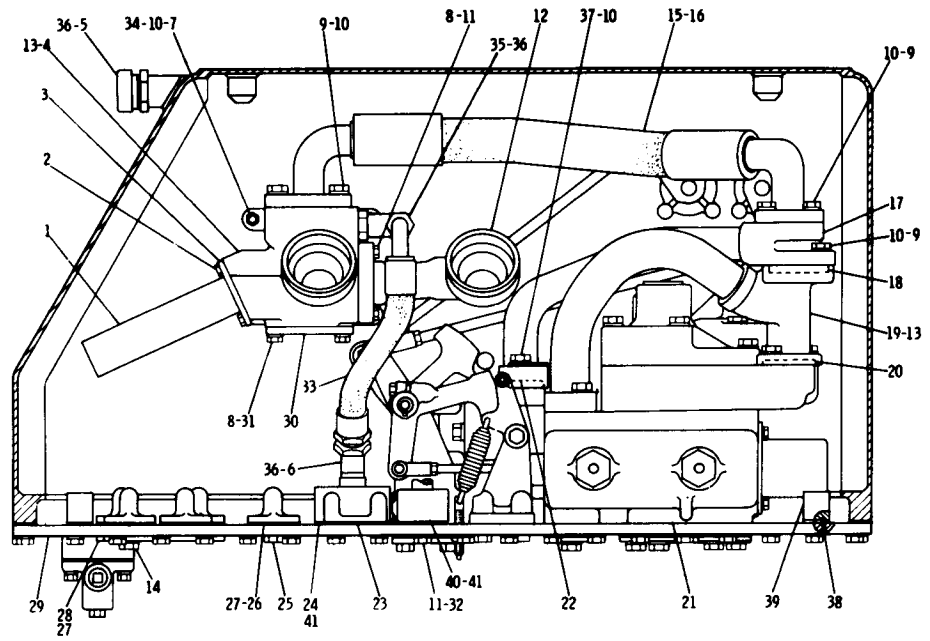
9	312523	BOLT-----	52
9	5P8244	WASHER-----	52
10	5J7958	VALVE GROUP-----	1
		(Includes)	
11	3D4603	PLUG-----	1
12	8H9819	ADAPTER-----	1
12	8H9818	GASKET-----	1
13	4B7739	PLUG-----	1
14	310220	BOLT-----	2
14	4B5167	WASHER-----	2
15	8J135	PLUG-----	1
15	2L6267	NUT-----	1
16	2J8262	ROLLER-----	1
16	5P1843	STUD-----	2
17	2B9498	NUT-----	2
18	8J2288	SPACER-----	1

▲ NOT PART OF 8J5802 GROUP

218631

8J5812 HYDRAULIC TANK AND VALVE GROUP—Part 4 of 4





REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	3G3824	TUBE ASSEM. ....	1
	3G3820	SPRING .....	1
	3G3821	VALVE .....	1
2	5K9107	BOLT .....	2

3	3G3823	FLANGE .....	1
4	3G2303	BASE .....	1
5	3G4783	VALVE .....	1
6	307944	ELBOW .....	1
7	2K4973	NUT .....	3
8	5M2894	WASHER .....	4

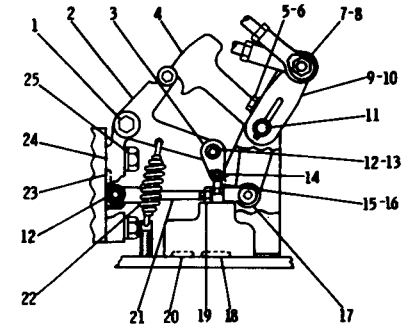
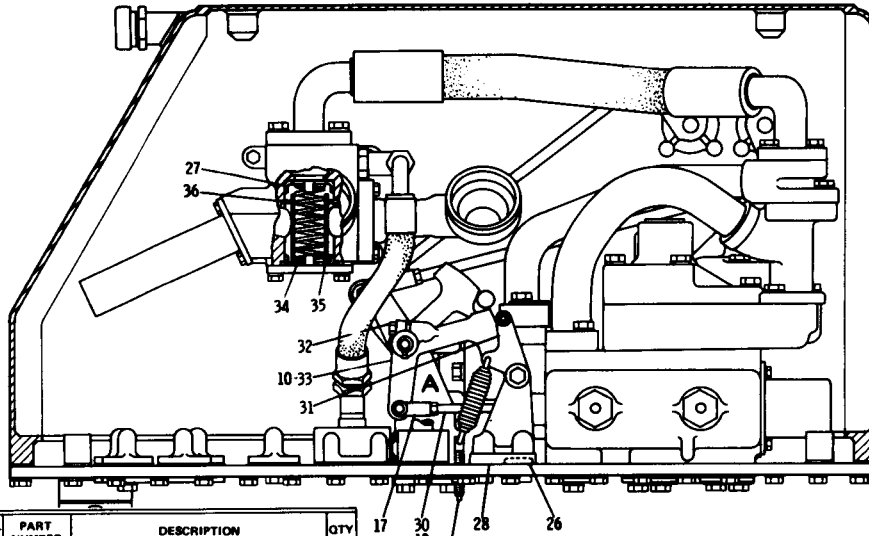
9	5K7143	BOLT .....	10
10	5P8245	WASHER .....	12
11	343557	BOLT .....	21
12	3G2346	ADAPTER .....	1
13	4J522	SEAL .....	2
14	310223	BOLT .....	8
15	3G3862	HOSE ASSEM. ....	1
16	4J524	SEAL .....	2
17	3G3749	TUBE ASSEM. ....	1
18	9D8799	RING .....	1
19	3G2285	TUBE ASSEM. ....	1
20	4J523	SEAL .....	2
21	8J5813	VALVE GROUP .....	1
(Separate Illustration)			
22	1P3705	SEAL .....	1
23	7J2852	COVER .....	2
	4J8425	GASKET .....	2
24	3G3849	BLOCK .....	1
25	308538	BOLT .....	6
26	8J6129	COVER .....	5
27	2J1799	GASKET .....	9
28	1J8476	COVER .....	4
29	3G5823	PLATE .....	1
	5J5234	GASKET .....	1
30	4N794	COVER .....	1
	8F6711	SEAL .....	1
C 31	5D353	BOLT .....	2
32	4B5167	WASHER .....	3
33	3G3864	HOSE ASSEM. --32.40cm(12.75 in.)	1
34	3V3308	WASHER--20.5 mm(.807 in.) Thick	3
35	342136	ELBOW .....	1
36	3D2824	SEAL .....	3
37	5P4143	BOLT .....	2
38	3F4479	PIN .....	2
39	8J2381	BLOCK .....	2
	8J2352	GASKET .....	2
40	7J772	TUBE ASSEM. ....	1
41	5J5166	GASKET .....	2

C INDICATES CHANGE

170123

8J5815 HYDRAULIC TANK AND VALVE GROUP—Part 1 of 4  
 Part of 9P1402 Hydraulic Arrangement listed on Page 170  
 8J5813 Control Valve parts are shown on Page 184 and 185

8J5815 HYDRAULIC TANK AND VALVE GROUP—Part 2 of 4  
Part of 9P1402 Hydraulic Arrangement listed on Page 170



REAR VIEW OF AREA A

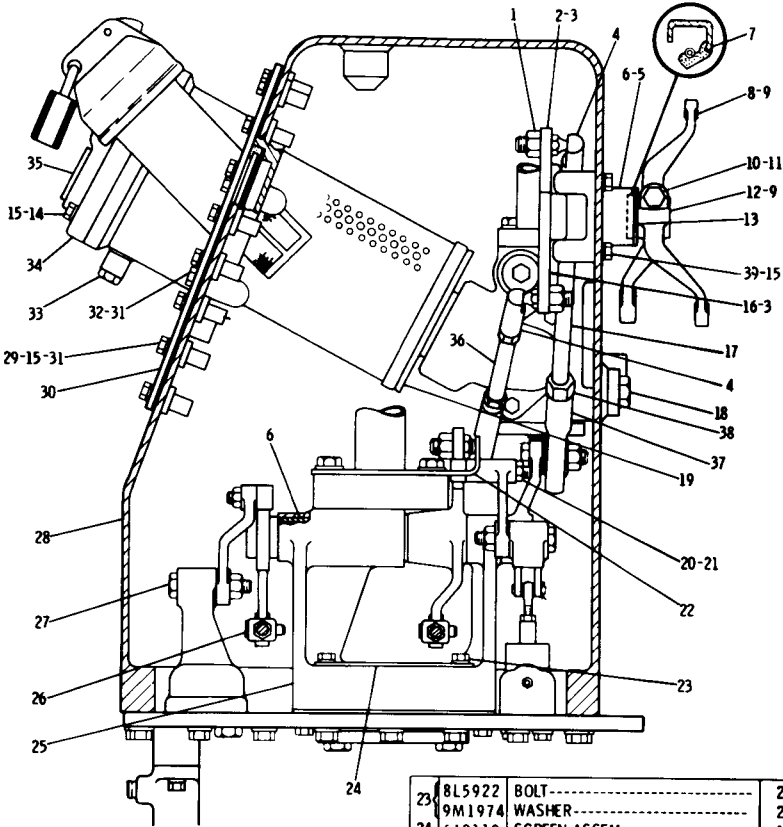
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	2J6602	PIN	1
	4D6432	NUT	1
2	5J5071	LEVER	1
3	5J7518	LINK	2
4	5J5111	LEVER	1
5	308537	BOLT	1
6	5M2894	WASHER	3
7	S1587	BOLT	1
8	1K6872	NUT	1
9	3G5840	LEVER	1
10	1B8706	KEY	2
11	9J653	SHAFT	1

12	5F9199	PIN	3
	8S7803	RETAINER	3
13	7H3912	BUSHING	3
14	2S975	PIN	1
	3B4607	COTTER PIN	1
15	5J7546	ROD	1
16	1B4201	NUT	1
17	1J8489	END	2
18	5F7054	SEAL	1
19	1B4203	NUT	2
20	6F4855	SEAL	1
21	5J5933	ROD	1

22	6H962	SPRING	2
23	4J519	SEAL	1
24	5J5109	BRACKET	1
25	5K7143	BOLT	2
	5P8245	WASHER	2
26	8F3469	SEAL	2
27	3G3853	VALVE	2
28	7J6226	BRACKET	1
	7J6227	EYESCREW	2
29	1D4717	NUT	2
	8J6775	SEAL	2
30	5J5932	ROD	1
31	5J5108	LEVER	1
32	1A2209	BOLT	1
33	5J5110	LEVER	1
34	3G3827	SPRING	1
35	3G3945	TUBE	1
36	3G8500	RING	1

218623

CATERPILLAR 977L TRACK LOADER



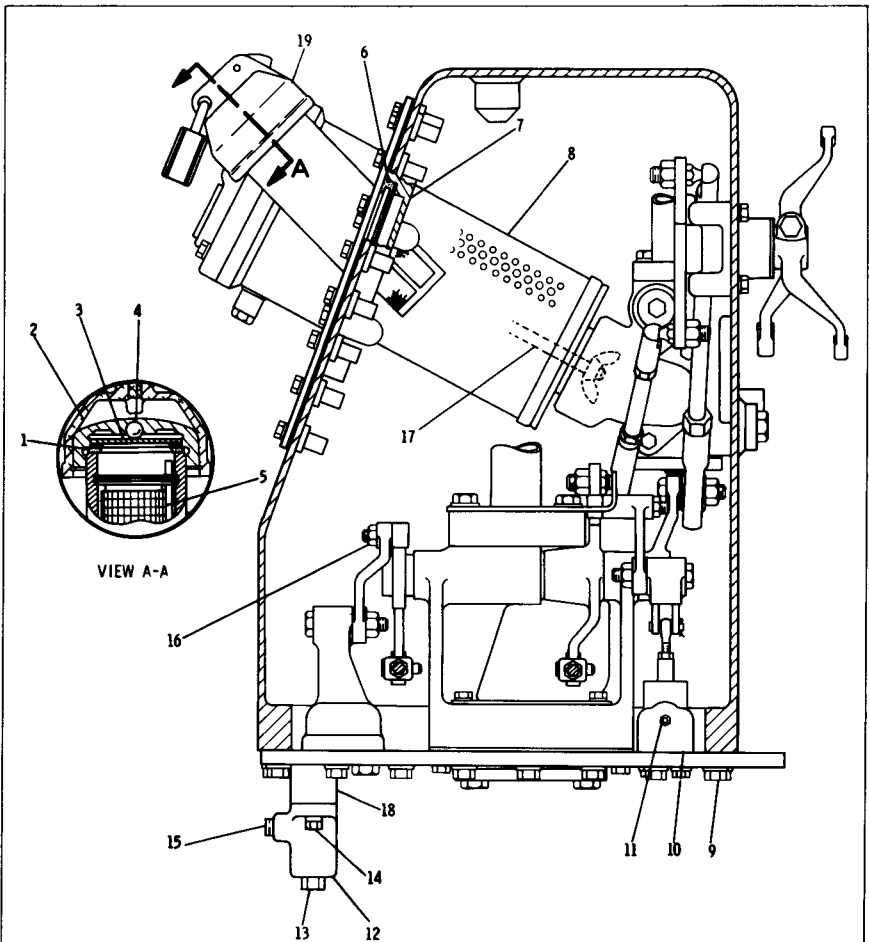
REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	2K564	LOCKNUT-----	3
2	9J652	LEVER ASSEM.-----	1
3	2H5746	ADAPTER-----	2
4	8J6171	ROD END ASSEM.-----	3
5	5J8102	HOUSING-----	2
6	4J8425	GASKET-----	2
7	9H8751	BEARING-----	8
8	3J4407	SEAL-----	2
9	8P8301	BELLCRANK-----	1
10	1B8706	KEY-----	2
C 10	5I591	BOLT-----	2
11	1D4717	NUT-----	2
12	8P8414	LEVER-----	1
13	8B4037	WASHER-----	2
C 14	343557	BOLT-----	8
15	5M2894	WASHER-----	64
16	3G3856	LEVER ASSEM.-----	1
17	5J7702	ROD-----	1
18	3J5389	PLUG-----	1
19	9J1979	RETAINER ASSEM.-----	2
20	7D1195	SEAL-----	2
21	4J3441	ROLLER-----	1
22	2L6267	NUT-----	1
22	3G3894	STOP-----	1

23	8L5922	BOLT-----	2
	9M1974	WASHER-----	2
24	6J8118	SCREEN ASSEM.-----	1
	7J779	BRACKET-----	1
25	5I5247	GASKET-----	1
26	5F9199	PIN-----	2
	8S7803	RETAINER-----	2
27	2J6602	PIN-----	1
	4D6432	NUT-----	1
	3G3826	TANK ASSEM.-----	1
28		(Includes)	
	8J6910	STUD-----	3
29	6J2237	BOSS-----	48
30	3G2348	COVER ASSEM.-----	1
	3G3855	GASKET-----	1
31	5D353	BOLT-----	52
32	5H6005	SEAL-----	4
33	9S4191	PLUG-----	2
	3J1907	SEAL-----	2
	9J1778	COVER-----	2
34	5H6733	SEAL-----	2
	9J1991	HANDLE-----	2
	308535	BOLT-----	4
35	9S8010	PLUG-----	2
	2S4078	SEAL-----	2
36	8J6101	ROD-----	1
37	4D4065	ROD END-----	1
38	1B4430	NUT-----	4
39	5D353	BOLT-----	8

C INDICATES CHANGE

170125

8J5815 HYDRAULIC TANK AND VALVE GROUP—Part 3 of 4  
Part of 9P1402 Hydraulic Arrangement listed on Page 170

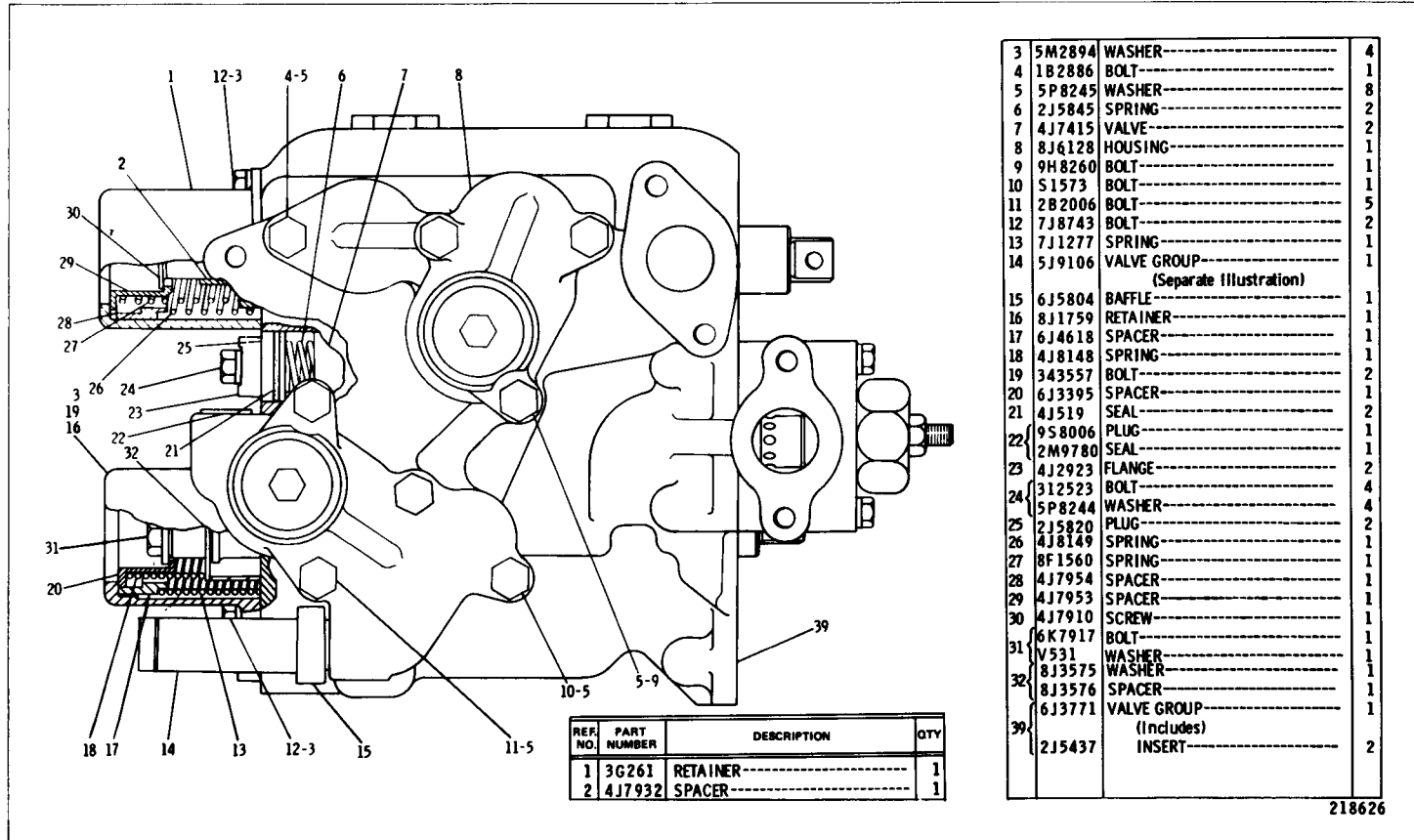


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	3G361	GASKET-----	1
2	7H1447	CAP-----	1
3	6H5139	PLATE-----	1
	9H6454	GASKET-----	1
4	7B6368	BALL-----	1
5	9J3047	STRAINER-----	1
	6J1080	GROMMET-----	1
6	6J1081	GLASS-----	1
	3G6455	PLATE-----	1
7	9J8243	RETAINER-----	1
8	3G3448	ELEMENT----(fire resistant fluid)--	2

9	312523	BOLT-----	52
	5P8244	WASHER-----	52
10	5J7958	VALVE GROUP-----	1
		(Includes)	
11	3D4603	PLUG-----	1
12	8H9819	ADAPTER-----	1
	8H9818	GASKET-----	2
13	4B7739	PLUG-----	1
14	310220	BOLT-----	2
	4B5167	WASHER-----	2
15	8J135	PLUG-----	1
	2L6267	NUT-----	1
16	2J8262	ROLLER-----	1
	5P1843	STUD-----	2
17	2B9498	NUT-----	2
18	8J2288	SPACER-----	1
19	5D1910	COVER GROUP-----	1
		(Separate Illustration)	

218625

8J5815 HYDRAULIC TANK AND VALVE GROUP—Part 4 of 4  
 Part of 9P1402 Hydraulic Arrangement listed on Page 170  
 5D1910 Cover parts are shown on Page 188



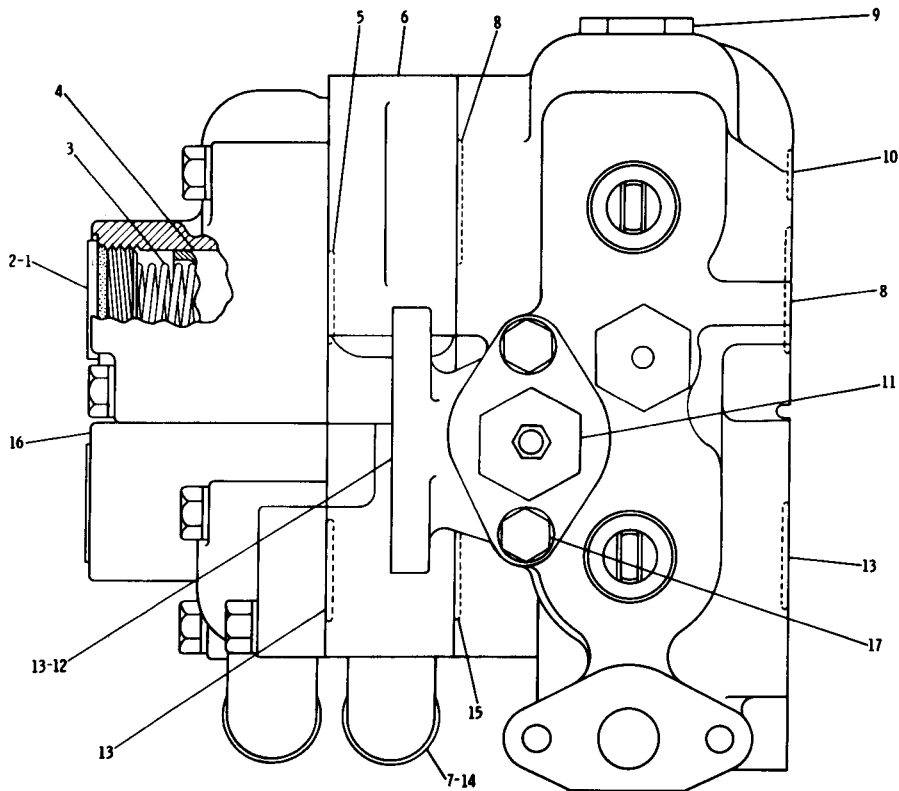
218626

## 8J5813 CONTROL VALVE GROUP—Part 1

Part of 8J5814, 8J5812 and 8J5815 Hydraulic Tank and Valve Groups shown on Pages 172, 176 and 180  
5J9106 Valve parts are shown on Page 187

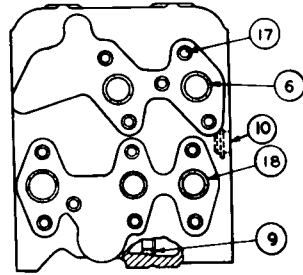
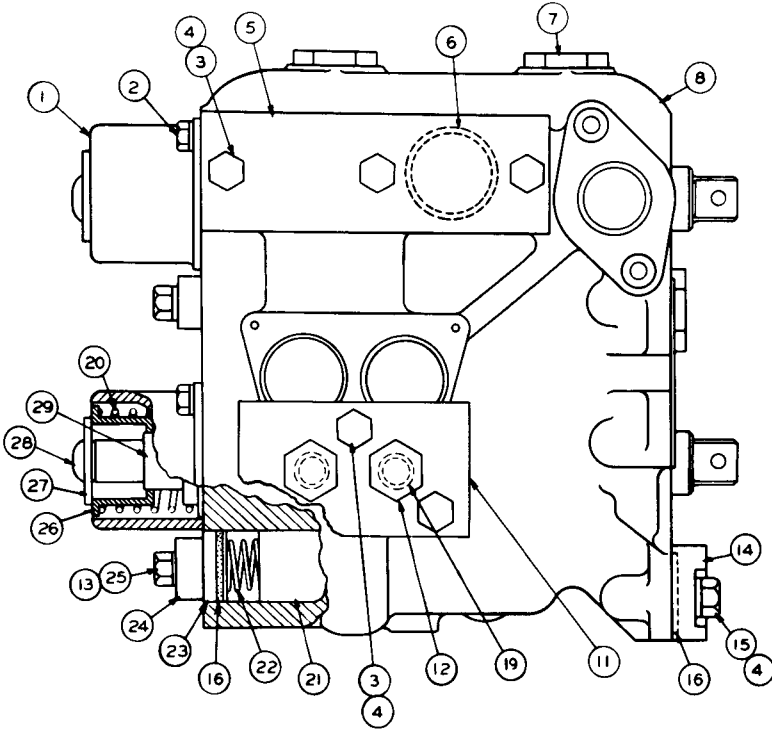
### 8J5813 CONTROL VALVE GROUP—Part 2

Part of 8J5813, 8J5812 and 8J5815 Hydraulic Tank and Valve Groups shown on Pages 172, 176 and 180  
 8J6089 and 8J5810 Valve parts are shown on Pages 187 and 188



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	9S8010	PLUG-----	2
2	2S4078	SEAL-----	2
3	4J7066	SPRING-----	2
4	4J7415	VALVE-----	2
5	6F711	SEAL-----	2
6	9J631	MANIFOLD-----	1
7	8J6089	VALVE GROUP----- (Separate Illustration)	1
8	4J523	SEAL-----	6
9	3J1553	PLUG-----	3
9	4J5267	SEAL-----	3
10	8F3469	SEAL-----	12
11	8J5810	VALVE GROUP----- (Separate Illustration)	1
12	3G2308	HOUSING-----	1
13	4J522	SEAL-----	5
14	6J5804	BAFFLE-----	1
15	4J521	SEAL-----	2
16	8J6126	HOUSING-----	1
17	1B2886	BOLT-----	2
17	5P8245	WASHER-----	2

218627



REAR VIEW

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8J2334	RETAINER-----	2
C	5K9107	BOLT-----	4
C	5M2894	WASHER-----	4
C	3I0219	BOLT-----	6
C	2M849	WASHER-----	8
5	4J4753	COVER-----	1
6	4J523	SEAL-----	5
7	3J1553	PLUG-----	3
8	4J5267	SEAL-----	3
8	5J7962	BODY GROUP-----	1
		(Includes)	
9	2J5437	INSERT-----	2
C	9S8005	PLUG-----	1
10	3K360	SEAL-----	1
11	8J2289	COVER-----	1
12	5J9106	VALVE GROUP-----	2
		(Separate Illustration)	
C	3K6113	WASHER-----	4
14	5J9006	COVER-----	1
15	5K7143	BOLT-----	2
C	4J519	SEAL-----	3
17	8F3469	SEAL-----	12
18	4J522	SEAL-----	2
19	4J521	SEAL-----	2
20	4J3789	SPRING-----	2
21	4J7415	VALVE-----	2

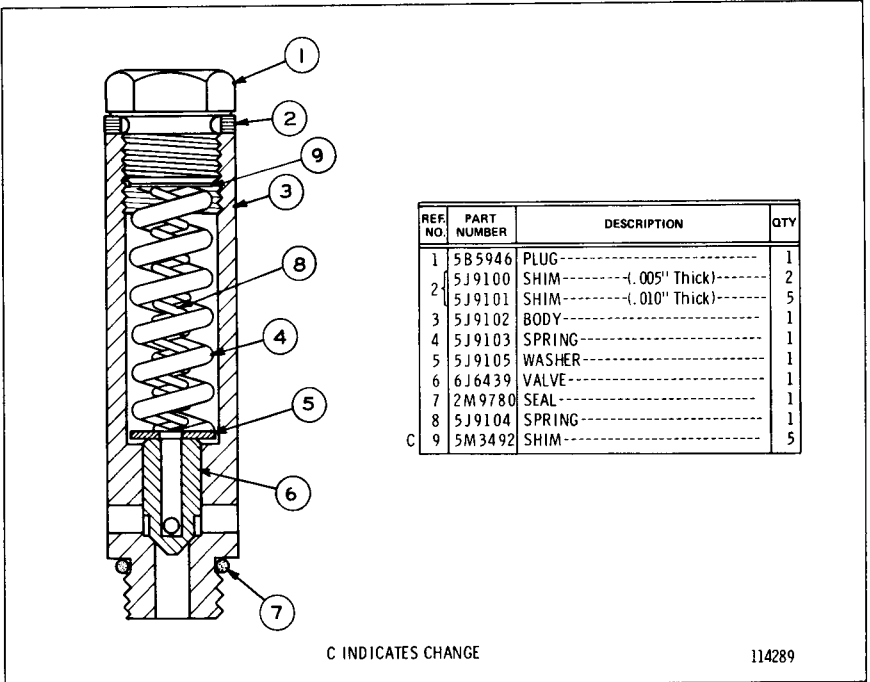
22	2J5845	SPRING-----	2	
23	2J5820	PLUG-----	2	
24	4J2923	FLANGE-----	2	
C	25	3I2523	BOLT-----	4
26	2J4860	SPACER-----	2	
C	27	1A2519	WASHER-----	2
C	28	6K7917	BOLT-----	2
29	3J3096	SPACER-----	2	

C INDICATES CHANGE

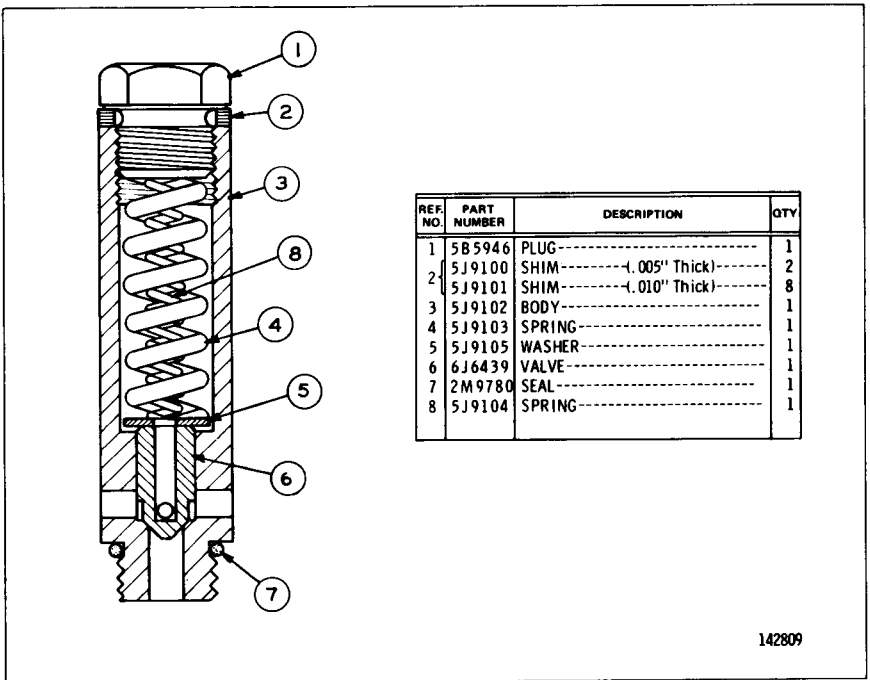
217035

5J7963 TILT RELIEF VALVE GROUP

Part of 8J5814 Hydraulic Tank and Valve Group shown on Page 171  
 5J9106 Valve parts are shown on Page 187. AN ATTACHMENT

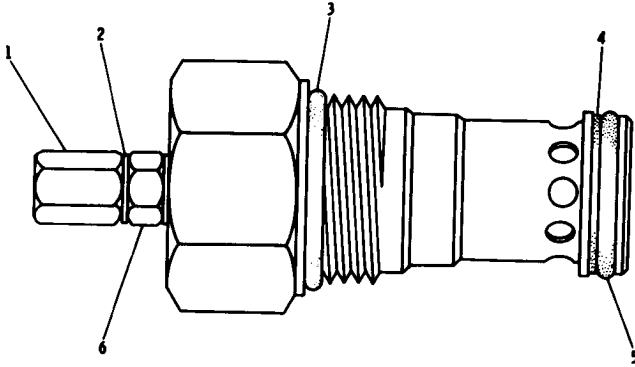


**5J9106 TILT RELIEF VALVE GROUP**  
 Part of 8J5813 Control Valve and 5J7963 Tilt Relief Valve Groups shown on Pages 184 and 186



**8J6089 RELIEF VALVE GROUP**  
 Part of 8J5813 Control Valve Group shown on Page 185



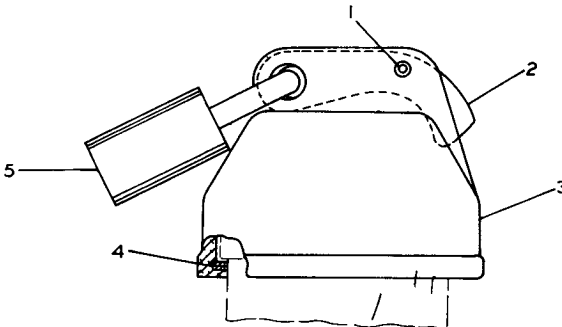


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	3G3854	CAP-----	1
2	3G3857	GASKET-----	2
3	4J520	SEAL-----	1

4	5P7529	RING-----	1
5	5P7530	SEAL-----	1
6	3G3726	NUT-----	1

218743

8J5810 RELIEF VALVE GROUP—Pilot Operated  
Part of 8J5813 Control Valve Group shown on Page 185



▲ Not Part of Protection  
Cover Group 5D1910

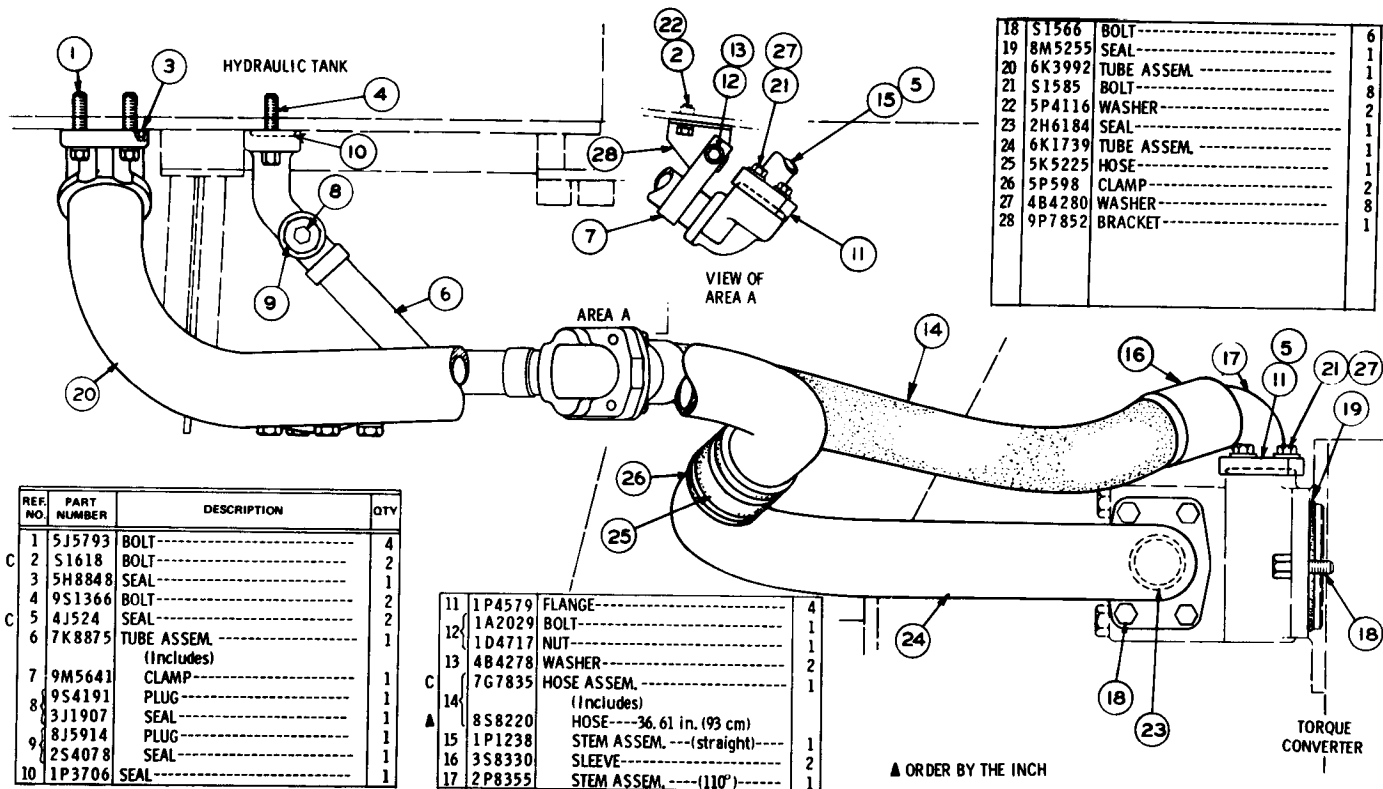
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1L5072	DOWEL-----	1
2	9M7394	LEVER-----	1
3	5D1911	COVER-----	1
4	2J7761	RING-----	1

5	Not Serv	PADLOCK-----	1
		(For Service of Padlock & Key Order 8S7949 Padlock Group)	
▲	8M439	KEY-----	2
		(NOT SHOWN)	

113719

5D1910 PROTECTION COVER GROUP—Hydraulic Tank Cap  
Part of 8J5815 Hydraulic Tank and Valve Group shown on Page 183  
AN ATTACHMENT

# 8P7766 HYDRAULIC PUMP LINES GROUP



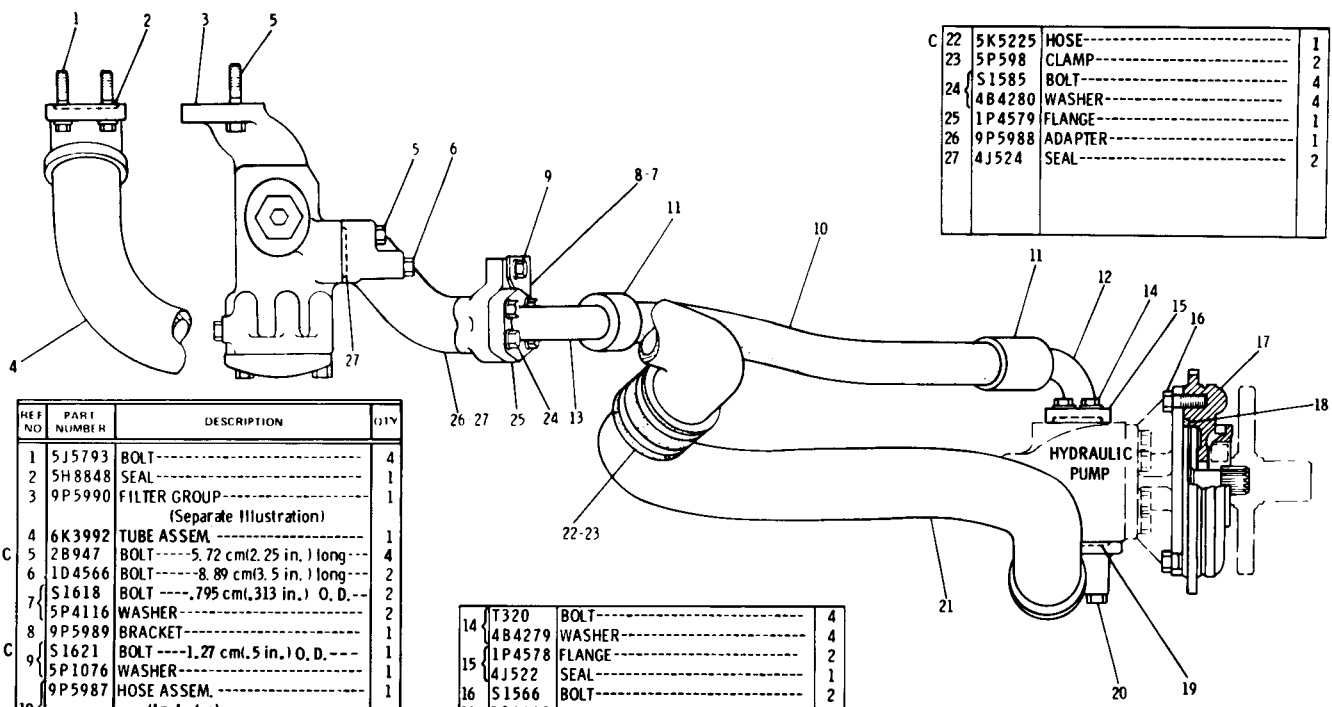
18	S1566	BOLT-----	6
19	8M5255	SEAL-----	1
20	6K3992	TUBE ASSEM.-----	1
21	S1585	BOLT-----	8
22	5P4116	WASHER-----	2
23	2H6184	SEAL-----	1
24	6K1739	TUBE ASSEM.-----	1
25	5K5225	HOSE-----	1
26	5P598	CLAMP-----	2
27	4B4280	WASHER-----	8
28	9P7852	BRACKET-----	1

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	5J5793	BOLT-----	4
C 2	S1618	BOLT-----	2
3	5H8848	SEAL-----	1
4	9S1366	BOLT-----	2
C 5	4J524	SEAL-----	2
6	7K8875	TUBE ASSEM. (Includes)	1
7	9M5641	CLAMP-----	1
8	9S4191	PLUG-----	1
9	3J1907	SEAL-----	1
9	8J5914	PLUG-----	1
9	2S4078	SEAL-----	1
10	1P3706	SEAL-----	1

11	1P4579	FLANGE-----	4
12	1A2029	BOLT-----	1
12	1D4717	NUT-----	1
13	4B4278	WASHER-----	2
C 13	7G7835	HOSE ASSEM. (Includes)	1
A 14	8S8220	HOSE---36.61 in. (93 cm)	1
15	1P1238	STEM ASSEM.---(straight)---	1
16	3S8330	SLEEVE-----	2
17	2P8355	STEM ASSEM.---(110°)---	1

HYDRAULIC SYSTEM

171062



C 22	5K5225	HOSE-----	1
23	5P598	CLAMP-----	2
24	S1585	BOLT-----	4
	4B4280	WASHER-----	4
25	1P4579	FLANGE-----	1
26	9P5988	ADAPTER-----	1
27	4J524	SEAL-----	2

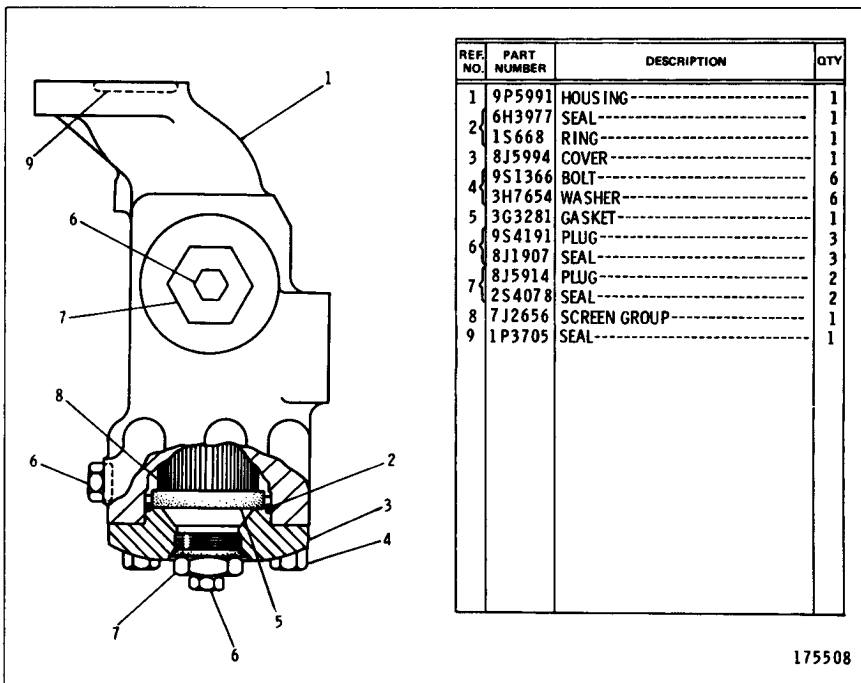
REF NO	PART NUMBER	DESCRIPTION	QTY
1	5J5793	BOLT-----	4
2	5H8848	SEAL-----	1
3	9P5990	FILTER GROUP (Separate Illustration)	1
4	6K3992	TUBE ASSEM-----	1
C 5	2B947	BOLT-----5.72 cm(2.25 in.) long--	4
6	1D4566	BOLT-----8.89 cm(3.5 in.) long--	2
7	S1618	BOLT-----.795 cm(.313 in.) O. D.--	2
8	5P4116	WASHER-----	2
9	9P5989	BRACKET-----	1
C 9	S1621	BOLT-----1.27 cm(.5 in.) O. D.--	1
	5P1076	WASHER-----	1
	9P5987	HOSE ASSEM.-----	1
10		(Includes)	
C 10	1P2256	HOSE-----37.8 in. (96 cm)	1
11	3S7116	SLEEVE-----	2
12	3S8573	STEM ASSEM.-----(90°)-----	1
13	5S3777	STEM ASSEM.-----(90°)-----	1

14	T320	BOLT-----	4
	4B4279	WASHER-----	4
15	1P4578	FLANGE-----	2
	4J522	SEAL-----	1
	BOLT-----	2	
16	S1566	BOLT-----	2
17	3S9905	ADAPTER-----	1
18	8M5255	SEAL-----	1
19	1H8720	SEAL-----	1
20	V375	BOLT-----	2
C 21	2P2611	TUBE ASSEM.-----	1

C INDICATES CHANGE  
▲ ORDER BY THE INCH

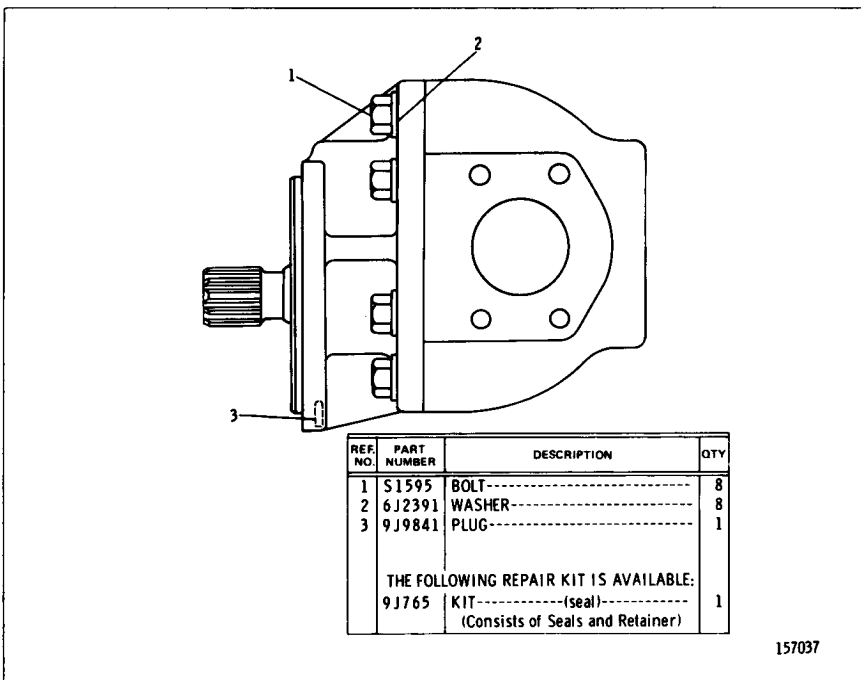
171818

9P7851 HYDRAULIC PUMP LINES GROUP  
Part of 9P1402 Hydraulic Arrangement listed on Page 170  
9P5990 Oil Filter parts are shown on Page 191. AN ATTACHMENT



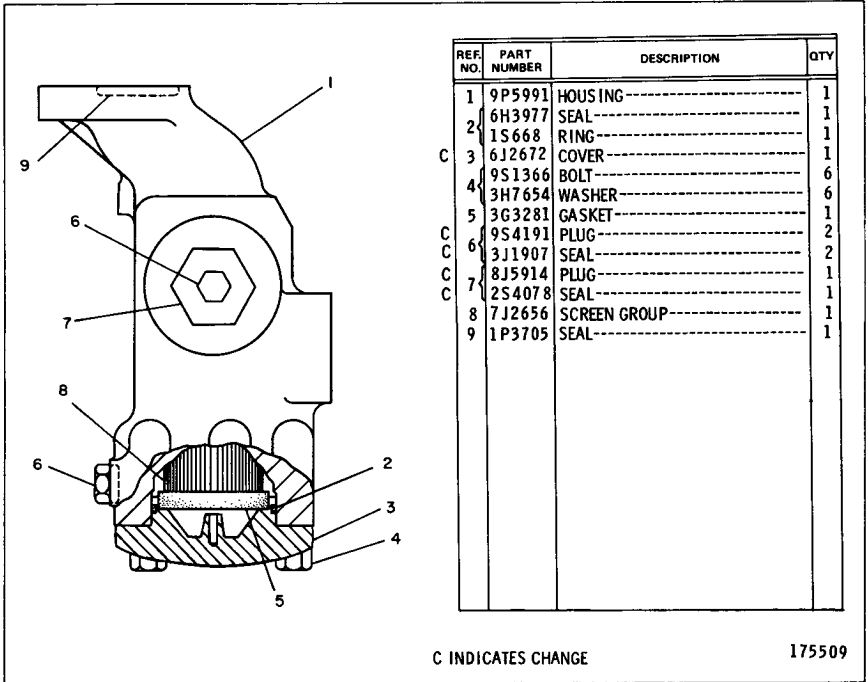
175508

9P5990 OIL FILTER GROUP—Type 1  
 Part of 9P7851 Hydraulic Pump Lines Group shown on Page 190  
 AN ATTACHMENT



157037

9J8767 GEAR PUMP GROUP  
 Part of 9P1402 Hydraulic Arrangement listed on Page 170  
 AN ATTACHMENT



**9P5990 OIL FILTER GROUP—Type 2**  
 Part of 9P7851 Hydraulic Pump Lines Group shown on Page 190  
 AN ATTACHMENT

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	1D4617	BOLT-----	4
2	4J1395	COVER-----	1
3	3J7719	RING-----	1
4	5P904	SEAL-----	1
5	9J5151	SEAL-----	1
6	9J5100	SHAFT-----	1

7	3G2632	PLUG-----	1
8	2J7763	WASHER-----	1
9	9J5120	BODY-----	1
10	3L1425	BEARING-----	1
11	1J6474	RING-----	1
12	3G2233	CARTRIDGE GROUP---(50 GPM)--- (Separate Illustration)	1

C INDICATES CHANGE

176658

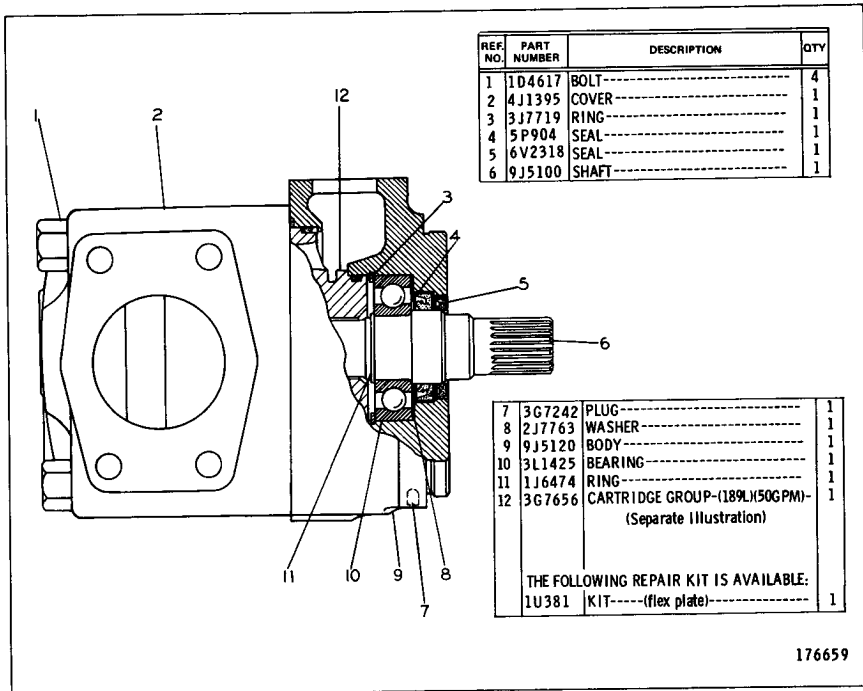
**9J5073 VANE PUMP GROUP**  
 Serial No. 14X1 to 14X973 inclusive  
 3G2233 Cartridge parts are shown on Page 192

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	3G2241	RETAINER-----	4
2	3G2240	SEAL-----	4
3	2H3935	SEAL-----	1

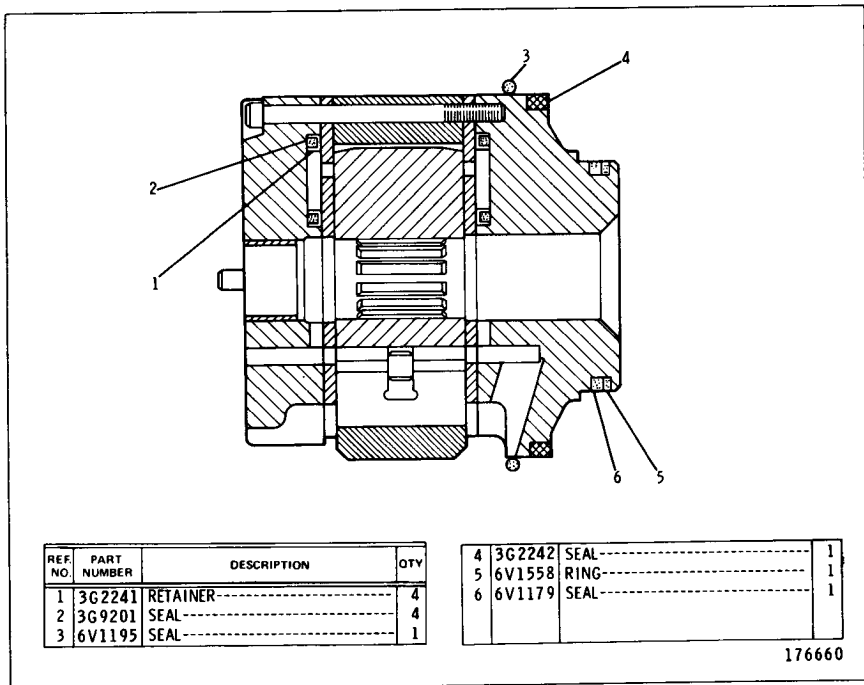
4	3G2242	SEAL-----	1
5	1S668	RING-----	1
6	6H3977	SEAL-----	1

165282

**3G2233 CARTRIDGE GROUP—189L/min. (50 GPM)**  
 Serial No. 14X1 to 14X973 inclusive  
 Part of 9J5073 Vane Pump Group shown on Page 192

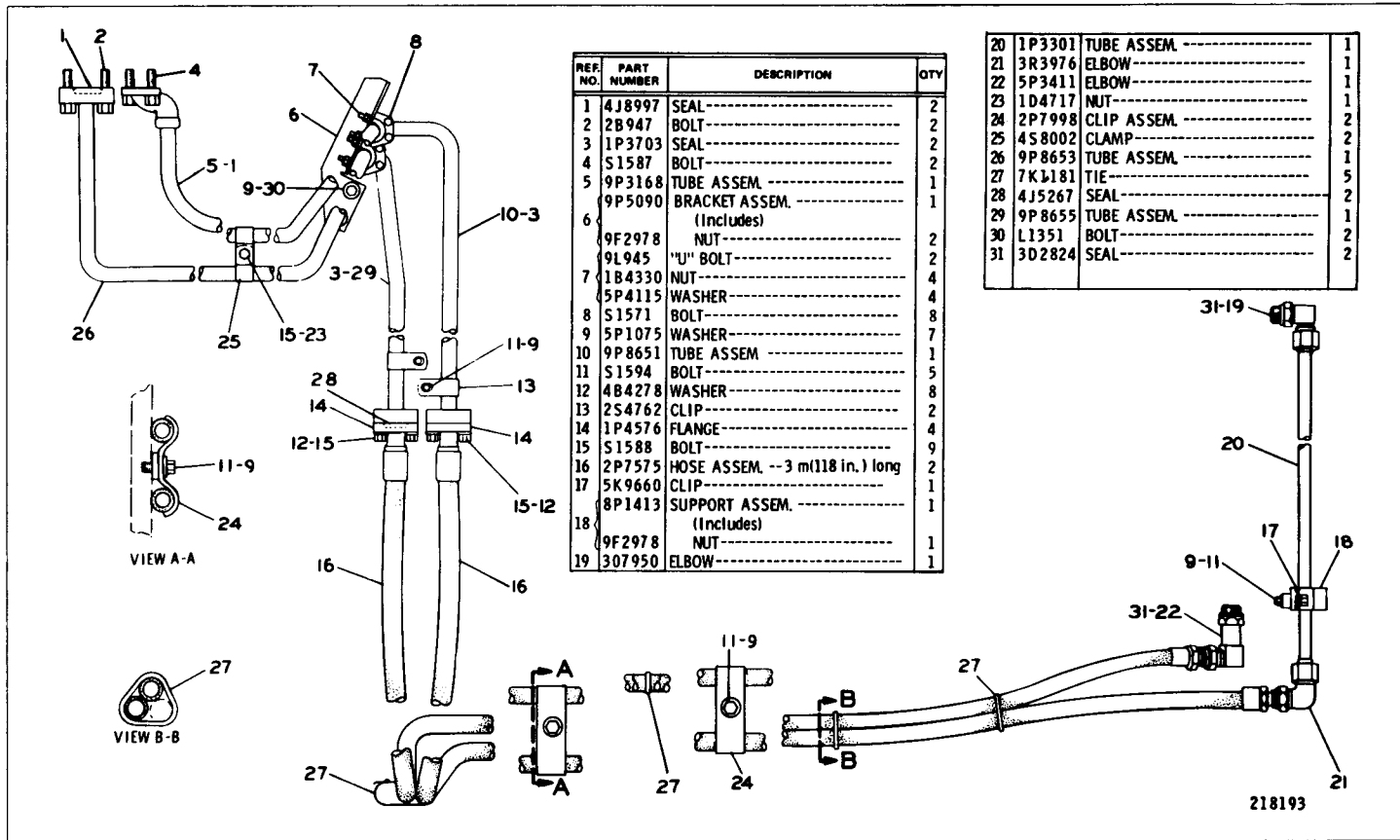


**3G7637 VANE PUMP GROUP**  
Serial No. 14X974—Up

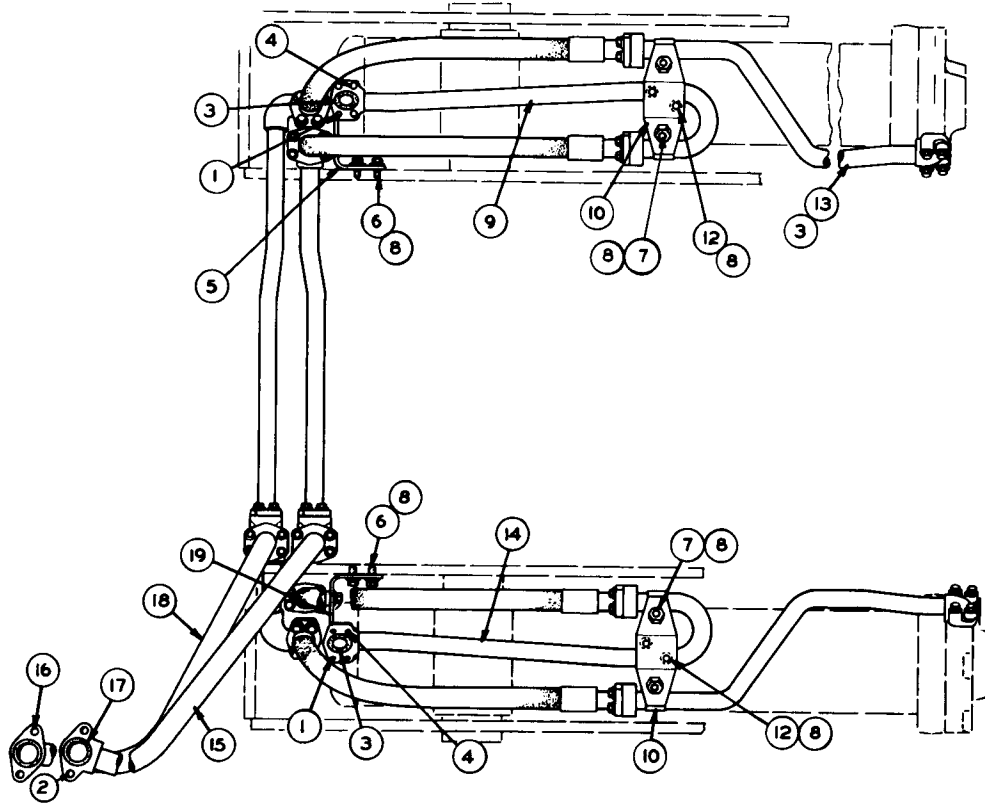


**3G7656 CARTRIDGE GROUP—189L/min. (50 GPM)**  
Serial No. 14X974—Up. Part of 3G7637 Vane Pump Group

### 9P5469 HYDRAULIC OIL COOLER LINES GROUP







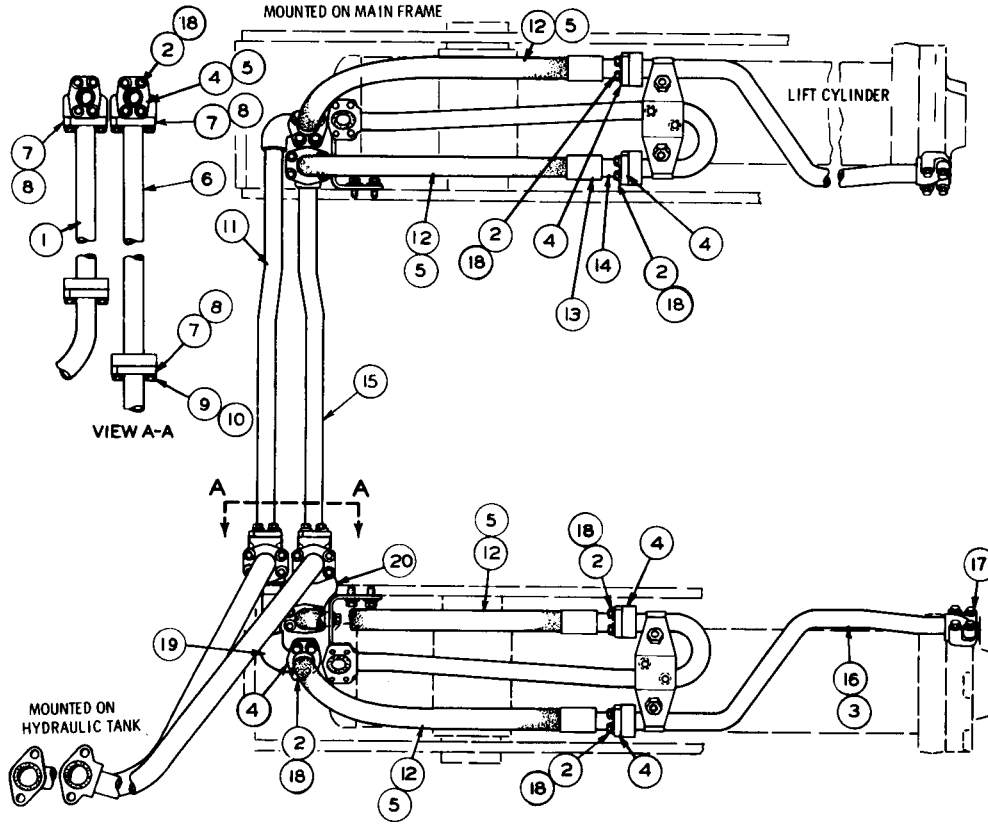
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1A2029	BOLT-----	4
2	9S1366	BOLT-----	2
3	1P3703	SEAL-----	3
4	S1590	BOLT-----	4
5	6K492	BRACKET----- (L. H.)	1
6	7B3235	BOLT-----	6
7	S1595	BOLT-----	4
8	5P1076	WASHER-----	22
9	6K1704	TUBE ASSEM.-----	1
		(Includes)	
	6K1694	CLIP-----	1
10	6K1696	BAR ASSEM.-----	1
		(Includes)	
	1F748	NUT-----	2
12	6H1717	BOLT-----	12
	6K1706	TUBE ASSEM.-----	1
		(Includes)	
13	6K1694	CLIP-----	1
	6K1703	TUBE ASSEM.-----	1
		(Includes)	
14	6K1694	CLIP-----	1
	9P3162	TUBE ASSEM.-----	1
		(Includes)	
15	4K3013	HEAD-----	1
16	2B947	BOLT-----	2
17	1P3705	SEAL-----	2
	9P3160	TUBE ASSEM.-----	1
		(Includes)	
18	4K3013	HEAD-----	1
19	6K491	BRACKET----- (R. H.)	1

C INDICATES CHANGE

218194

9P5470 LIFT CYLINDER LINES GROUP—Part 1

9P5470 LIFT CYLINDER LINES GROUP—Part 2



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	9P3651	TUBE ASSEM.-----	1
2	S1588	BOLT-----	40
3	1P3703	SEAL-----	1
4	1P4577	FLANGE-----	20
5	4J520	SEAL-----	10
6	9P3650	TUBE ASSEM.-----	1
7	1P4578	FLANGE-----	8
8	4J522	SEAL-----	4
9	3H5368	BOLT-----	16
10	4B4279	WASHER-----	16
11	9P3649	TUBE ASSEM.-----	1
	9P175	HOSE ASSEM.-----	4
12		(Includes)	
	5P181	HOSE-----89 cm(35, 4 in.)	
13	3S7252	SLEEVE-----	2
14	3S8496	STEM ASSEM.----(straight)---	2
15	9P3648	TUBE ASSEM.-----	1
	6K1705	TUBE ASSEM.-----	1
16		(Includes)	
	6K1694	CLIP-----	1
17	S1590	BOLT-----	8
	4F8531	SPACER-----	4
18	4B4278	WASHER-----	40
19	6K1158	TUBE ASSEM.-----	1
20	6K12	MANIFOLD-----	1

▲ ORDER BY THE CENTIMETRE

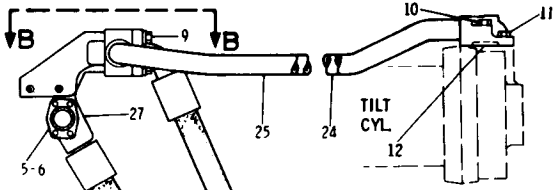
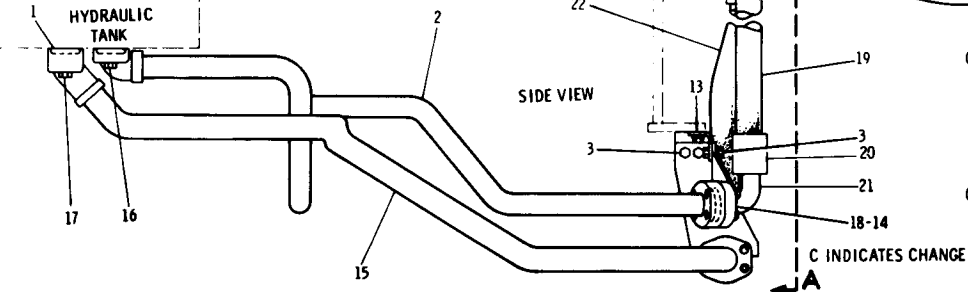
218195

HYDRAULIC SYSTEM

REF NO.	PART NUMBER	DESCRIPTION	QTY
1	1P3705	SEAL	2
2	8P9935	TUBE ASSEM.	1
3	1A2029	BOLT	4
4	1D4717	NUT	4
5	5P1075	WASHER	8
6	S1588	BOLT	16
7	4B4278	WASHER	16
8	1P4577	FLANGE	12
9	4J520	SEAL	6
10	7B3235	BOLT	8
11	4B4280	WASHER	8
12	T320	BOLT	8
13	4B4279	WASHER	8
14	1D4707	BOLT	4
15	T768	BOLT	4
16	1P3704	SEAL	2
17	9P556	ANGLE	1
18	4J524	SEAL	1
19	8P9934	TUBE ASSEM.	1
20	9S1366	BOLT	2
21	1A5822	BOLT	2
22	1P4579	FLANGE	2

19	8P9899	HOSE ASSEM. (Includes) HOSE---19.3 in. (49 cm)	1
20	1P1219	STEM ASSEM.---(straight)---	2
21	3S7116	SLEEVE	1
22	5S3777	STEM ASSEM.---(90°)---	1
23	8P9926	HOSE ASSEM. (Includes) HOSE---23.9 in. (61 cm)	1
24	1P1238	STEM ASSEM.---(straight)---	1
25	7S8440	STEM ASSEM.---(60°)---	1
26	3S8330	SLEEVE	2

24	6P5719	TUBE ASSEM.	1
25	6P5720	TUBE ASSEM.	1
26	6P9927	HOSE ASSEM. (Includes) HOSE---43.31 in. (110 cm)	1
27	8S9355	HOSE ASSEM.---(90°)---	1
28	6D9961	STEM ASSEM.---(90°)---	1
29	5P4699	STEM ASSEM.---(90°)---	1
30	3S7252	SLEEVE	4
31	3S8496	STEM ASSEM.---(straight)---	1
32	6P9930	HOSE ASSEM. (Includes) HOSE---43.31 in. (110 cm)	1
33	8S9355	HOSE ASSEM.---(90°)---	1
34	6D9961	STEM ASSEM.---(90°)---	1
35	5P4699	STEM ASSEM.---(90°)---	1
36	3S7252	SLEEVE	4
37	3S8496	STEM ASSEM.---(straight)---	1

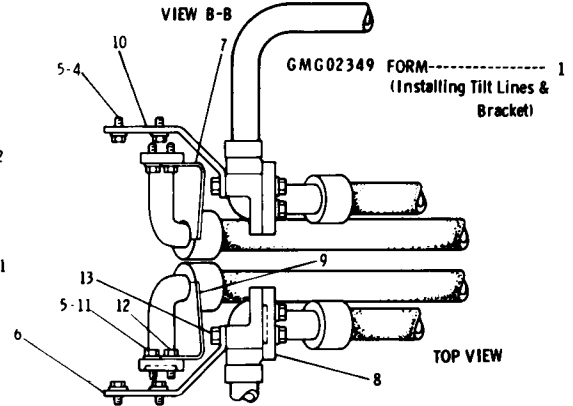
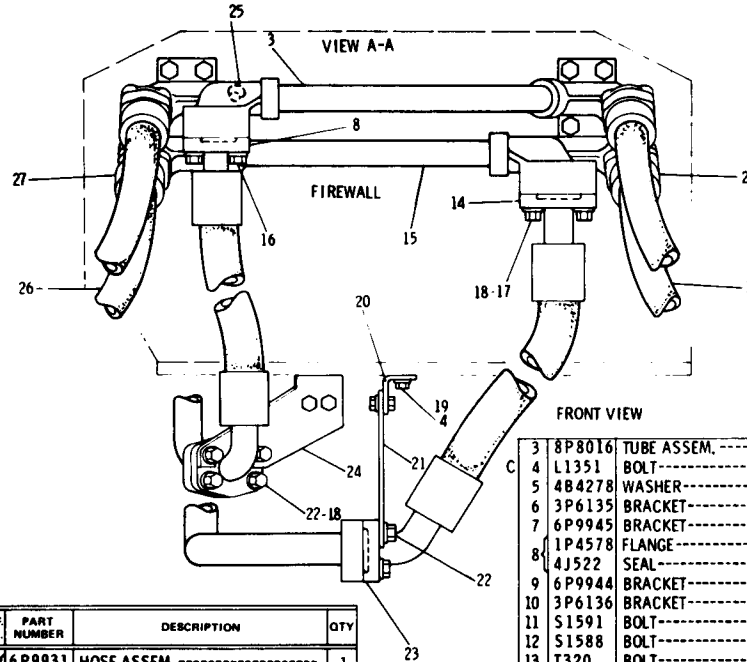


▲ ORDER BY THE INCH

173795

8P7767 TILT CYLINDER LINES GROUP—Part 1

## 8P7767 TILT CYLINDER LINES GROUP—Part 2



REF. NO.	PART NUMBER	DESCRIPTION	QTY
C	6P9931	HOSE ASSEM. (Includes)	1
A	1	8S9355 HOSE-----57.5 in. (146 cm)	
	3S8496	STEM ASSEM. --(straight)--	1
	5P4699	STEM ASSEM. --(90°)--	1
	5S3454	STEM ASSEM. --(67.5°)--	1
	2	3S7252 SLEEVE-----	4

▲ ORDER BY THE INCH

3	8P8016	TUBE ASSEM.	1
4	L1351	BOLT-----	8
5	4B4278	WASHER-----	8
6	3P6135	BRACKET-----	1
7	6P9945	BRACKET-----	1
8	1P4578	FLANGE-----	6
	4J522	SEAL-----	3
9	6P9944	BRACKET-----	1
10	3P6136	BRACKET-----	1
11	S1591	BOLT-----	4
12	S1588	BOLT-----	4
13	T320	BOLT-----	4
14	1P4579	FLANGE-----	2
	4J524	SEAL-----	1
15	8P8019	TUBE ASSEM.	1
	T772	BOLT-----	4
16	4B4279	WASHER-----	4
17	S1585	BOLT-----	4

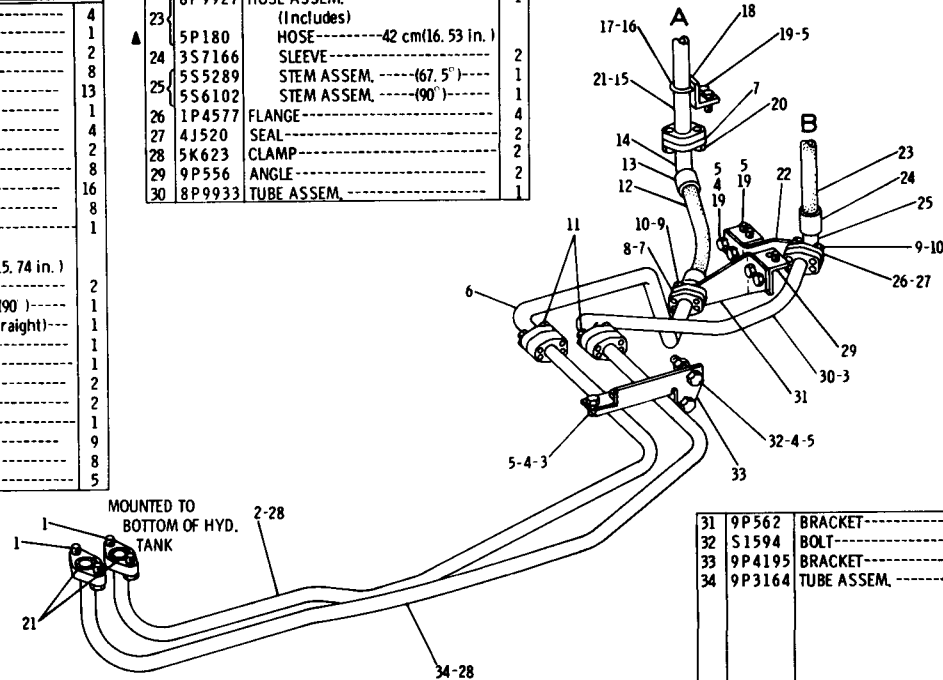
C INDICATES CHANGE

18	4B4280	WASHER-----	12
19	5P1075	WASHER-----	4
20	9P556	ANGLE-----	1
21	9P555	BRACKET-----	1
22	1A1460	BOLT-----	8
23	1P4582	FLANGE-----	2
	4J527	SEAL-----	1
24	9P554	BRACKET-----	1
C	25	9S8009 PLUG-----	2
C	25	4K1388 SEAL-----	2
C	26	9G2160 HOSE ASSEM. (Includes)	1
		8S9355 HOSE---57.5 in. (146 cm)	
		3S8496 STEM ASSEM. --(straight)--	1
		5P4699 STEM ASSEM. --(90°)--	1
		5S3454 STEM ASSEM. --(67.5°)--	1
		3S7252 SLEEVE-----	4

171817

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	2B947	BOLT-----	4
2	9P3166	TUBE ASSEM.-----	1
3	L1351	BOLT-----	2
4	1D4717	NUT-----	8
5	5P1075	WASHER-----	13
6	8P9930	TUBE ASSEM.-----	1
7	1P4576	FLANGE-----	4
8	4J5267	SEAL-----	2
9	S1591	BOLT-----	8
10	484278	WASHER-----	16
11	S1590	BOLT-----	8
12	5S7769	HOSE ASSEM.----- (Includes)	1
13	5P180	HOSE-----40 cm(15.74 in.)	1
14	3S7166	SLEEVE-----	2
15	3S8363	STEM ASSEM.-----(90°)----	1
16	3S7165	STEM ASSEM.-----(straight)----	1
17	8P9978	TUBE ASSEM.-----	1
18	8F3232	"U" BOLT-----	1
19	9S8748	NUT-----	2
20	5P4115	WASHER-----	2
21	9P561	ANGLE-----	1
22	1A2029	BOLT-----	9
23	S1571	BOLT-----	8
24	1P3703	SEAL-----	5

22	9P563	BRACKET-----	1
23	8P9927	HOSE ASSEM.----- (Includes)	1
24	5P180	HOSE-----42 cm(16.53 in.)	1
25	3S7166	SLEEVE-----	2
26	5S5289	STEM ASSEM.-----(67.5°)----	1
27	5S6102	STEM ASSEM.-----(90°)----	1
28	1P4577	FLANGE-----	4
29	4J520	SEAL-----	2
30	5K623	CLAMP-----	2
31	9P556	ANGLE-----	2
32	8P9933	TUBE ASSEM.-----	1



31	9P562	BRACKET-----	1
32	S1594	BOLT-----	2
33	9P4195	BRACKET-----	1
34	9P3164	TUBE ASSEM.-----	1

▲ ORDER BY THE CENTIMETRE

218190

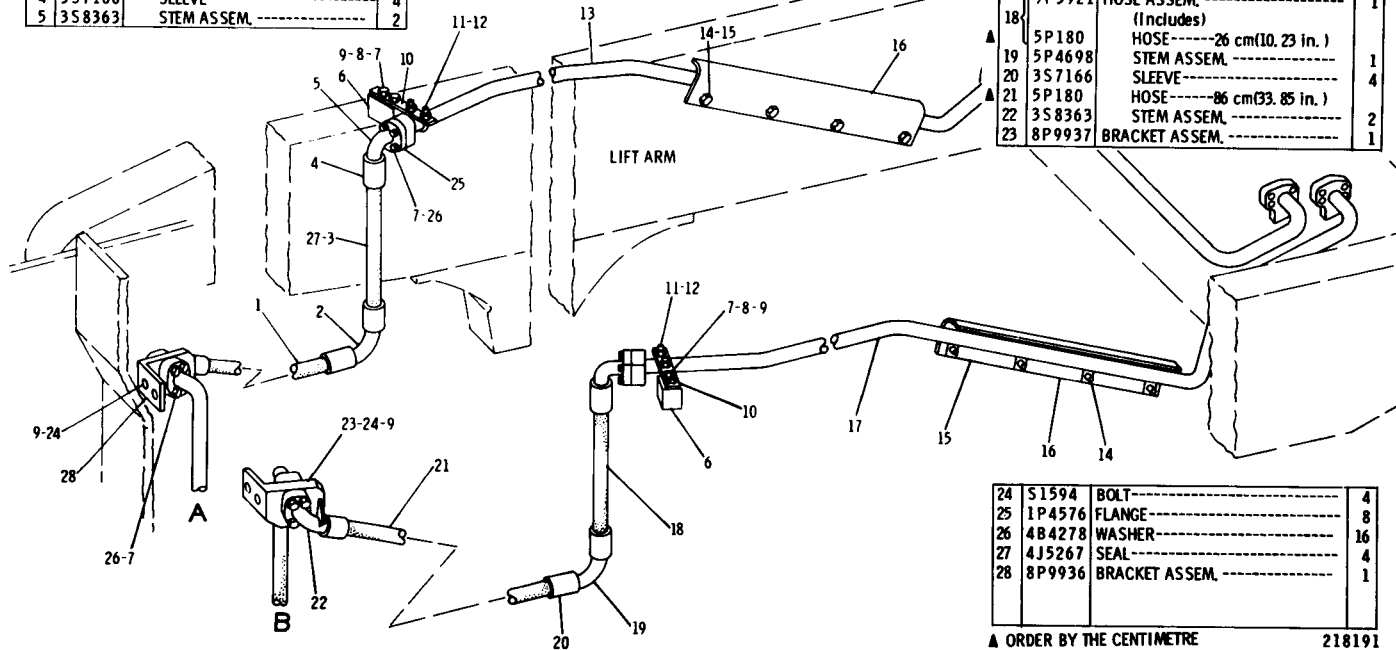
9P5114 FRONT HYDRAULIC LINES GROUP—Part 1  
Part of 9P1403 and 9P1404 Hydraulic Arrangements listed on Page 169  
AN ATTACHMENT

9P5114 FRONT HYDRAULIC LINES GROUP—Part 2  
 Part of 9P1403 and 9P1404 Hydraulic Arrangement listed on Page 169  
 AN ATTACHMENT

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	9P5922	HOSE ASSEM. (Includes)	1
▲	5P180	HOSE-----86 cm(33.85 in.)	
2	5P4698	STEM ASSEM.	1
▲	5P180	HOSE-----26 cm(10.23 in.)	
4	3S7166	SLEEVE	4
5	3S8363	STEM ASSEM.	2

6	3D4875	BLOCK-----	2
7	S1588	BOLT-----	16
8	5P4115	WASHER-----	4
9	5P1075	WASHER-----	8
10	9P5920	PLATE-----	2
11	9L945	"U" BOLT-----	2

12	1B4330	NUT-----	4
13	9P5916	TUBE ASSEM.	1
▲	5P1076	WASHER-----	8
14	S1621	BOLT-----	8
15	6K852	LUG-----	8
16	6K853	CLIP-----	2
17	9P5918	TUBE ASSEM.	1
▲	9P5921	HOSE ASSEM. (Includes)	1
18	5P180	HOSE-----26 cm(10.23 in.)	
19	5P4698	STEM ASSEM.	1
20	3S7166	SLEEVE	4
▲	5P180	HOSE-----86 cm(33.85 in.)	
21	3S8363	STEM ASSEM.	2
22	8P9937	BRACKET ASSEM.	1

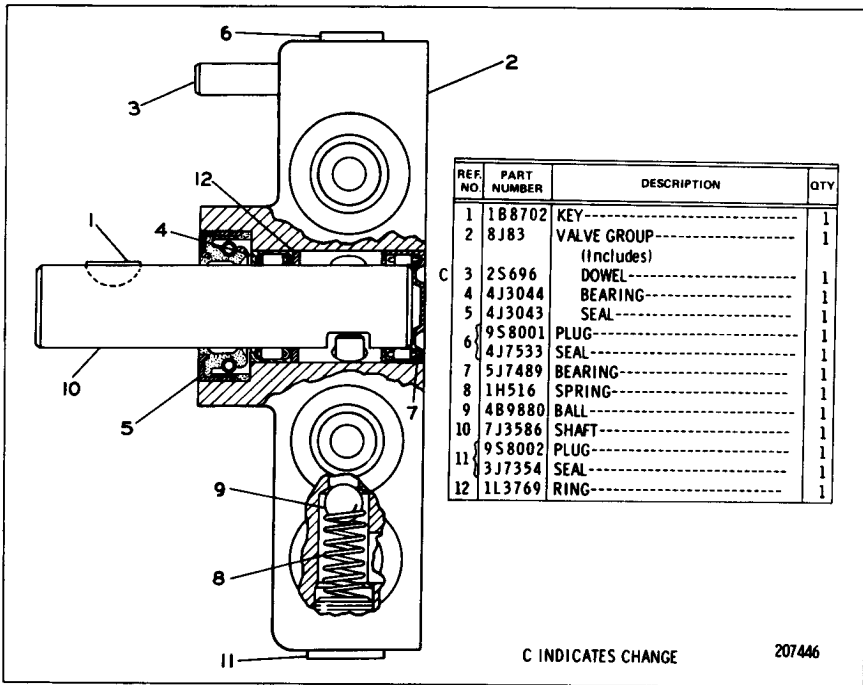


24	S1594	BOLT-----	4
25	1P4576	FLANGE-----	8
26	4B4278	WASHER-----	16
27	4J5267	SEAL-----	4
28	8P9936	BRACKET ASSEM.	1

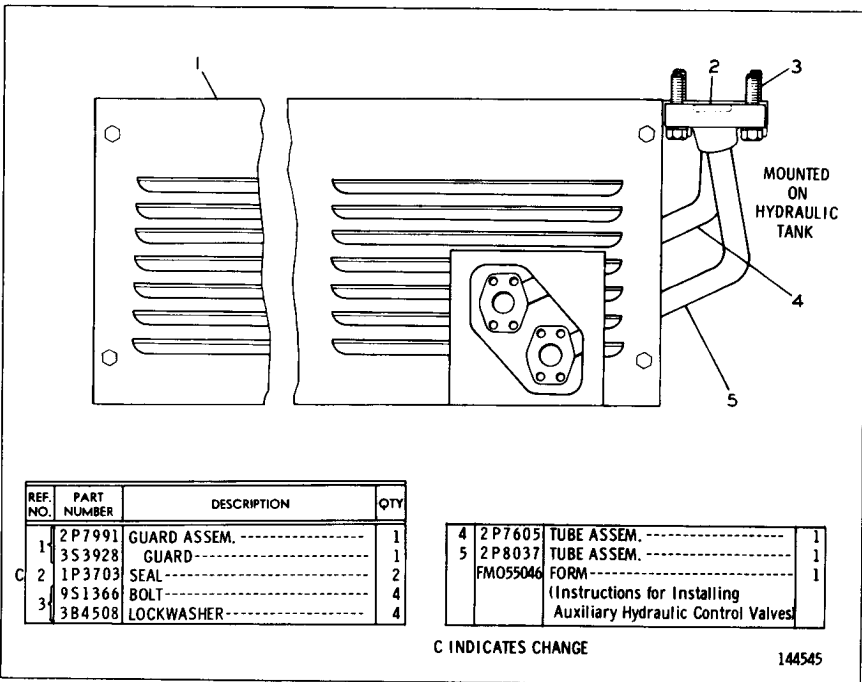
▲ ORDER BY THE CENTIMETRE

218191

HYDRAULIC SYSTEM

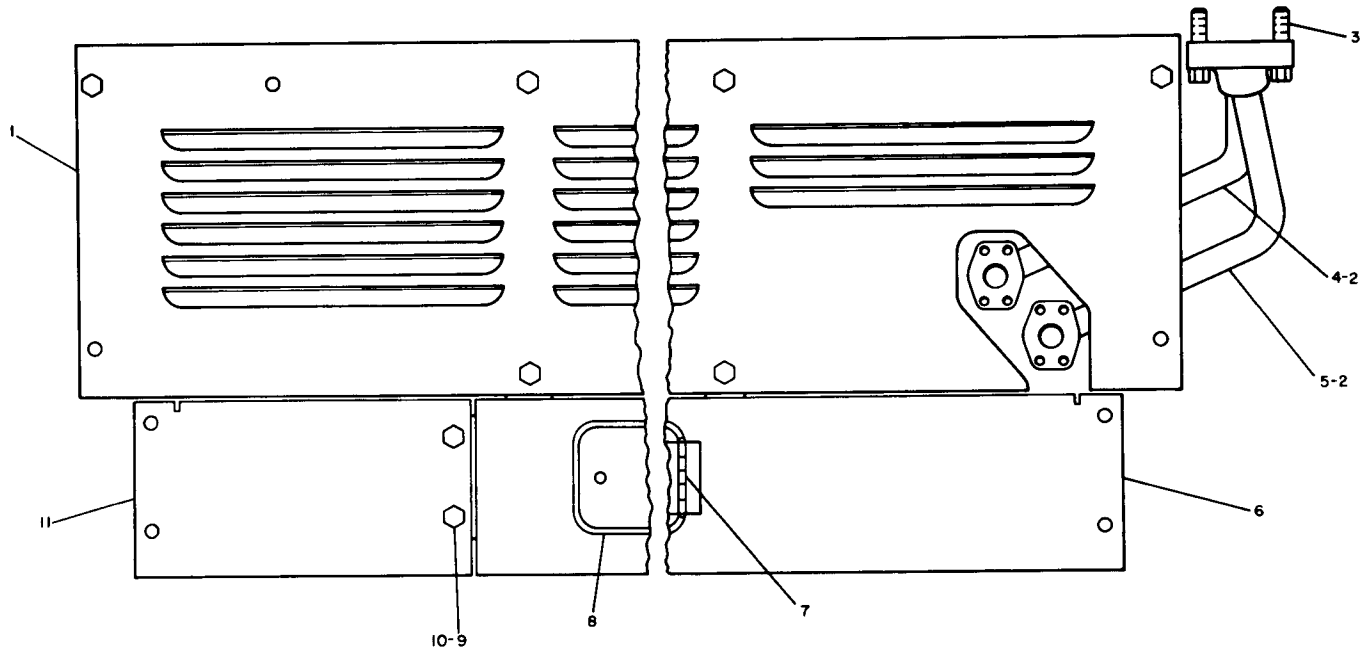


8J82 PILOT VALVE GROUP  
Part of 8P7751 Dump Kickout Group shown on Page 214



2P7607 REAR HYDRAULIC LINES GROUP  
Part of 9P5109 and 9P1403 Hydraulic Arrangements listed on Page 169  
AN ATTACHMENT

**2P7607 REAR HYDRAULIC LINES GROUP—Type 2**  
 Part of 9P5109 and 9P1403 Hydraulic Arrangements listed on Page 169  
 AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
C 1	7G6544	GUARD-----	1
2	1P3703	SEAL-----	2
C 3	2B947	BOLT-----	4
4	2P7605	TUBE ASSEM.-----	1

5	2P8037	TUBE ASSEM.-----	1
C 6	7G9736	GUARD ASSEM.-----	1
		(Includes)	
7	8H2282	HINGE-----	1
8	9P9221	DOOR-----	1
C 9	6H1717	BOLT-----	8

C 10	5P1076	WASHER-----	8
C 11	7G9735	GUARD-----	1

C INDICATES CHANGE

225497

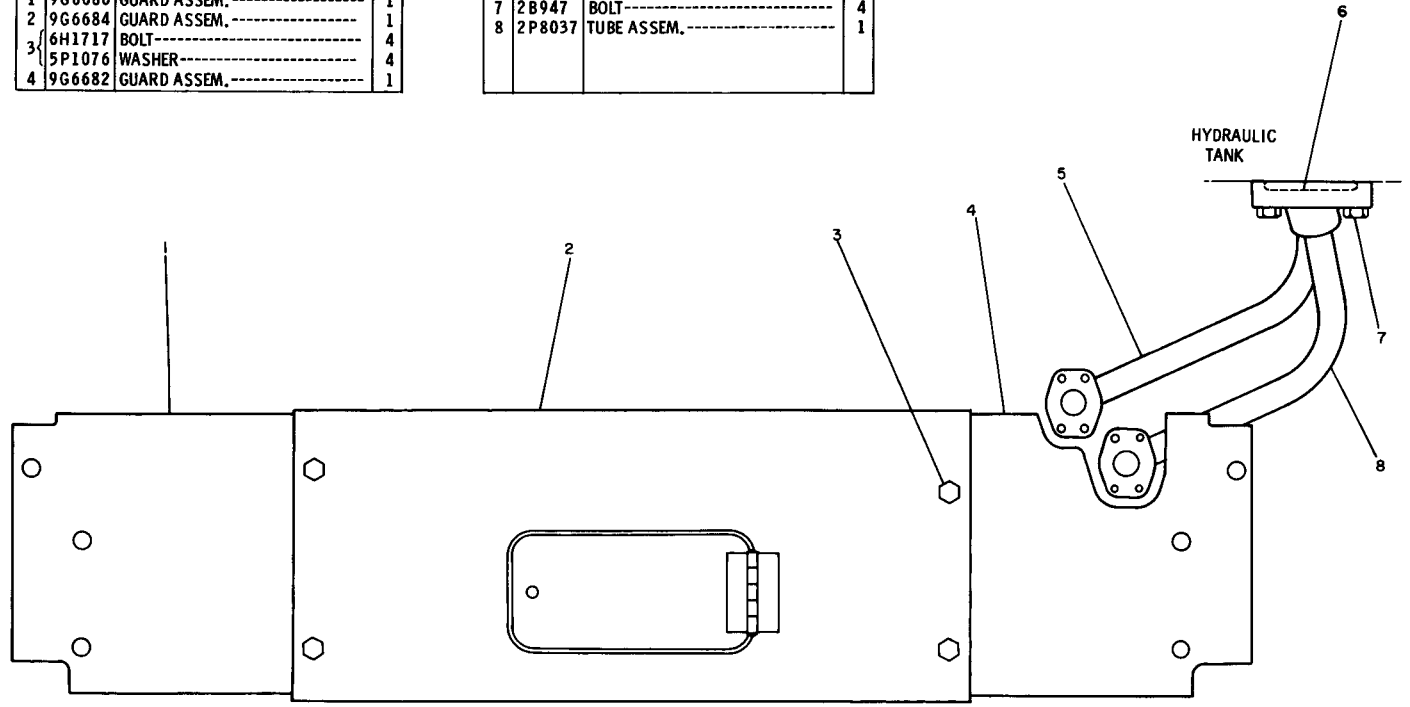
HYDRAULIC SYSTEM

200A



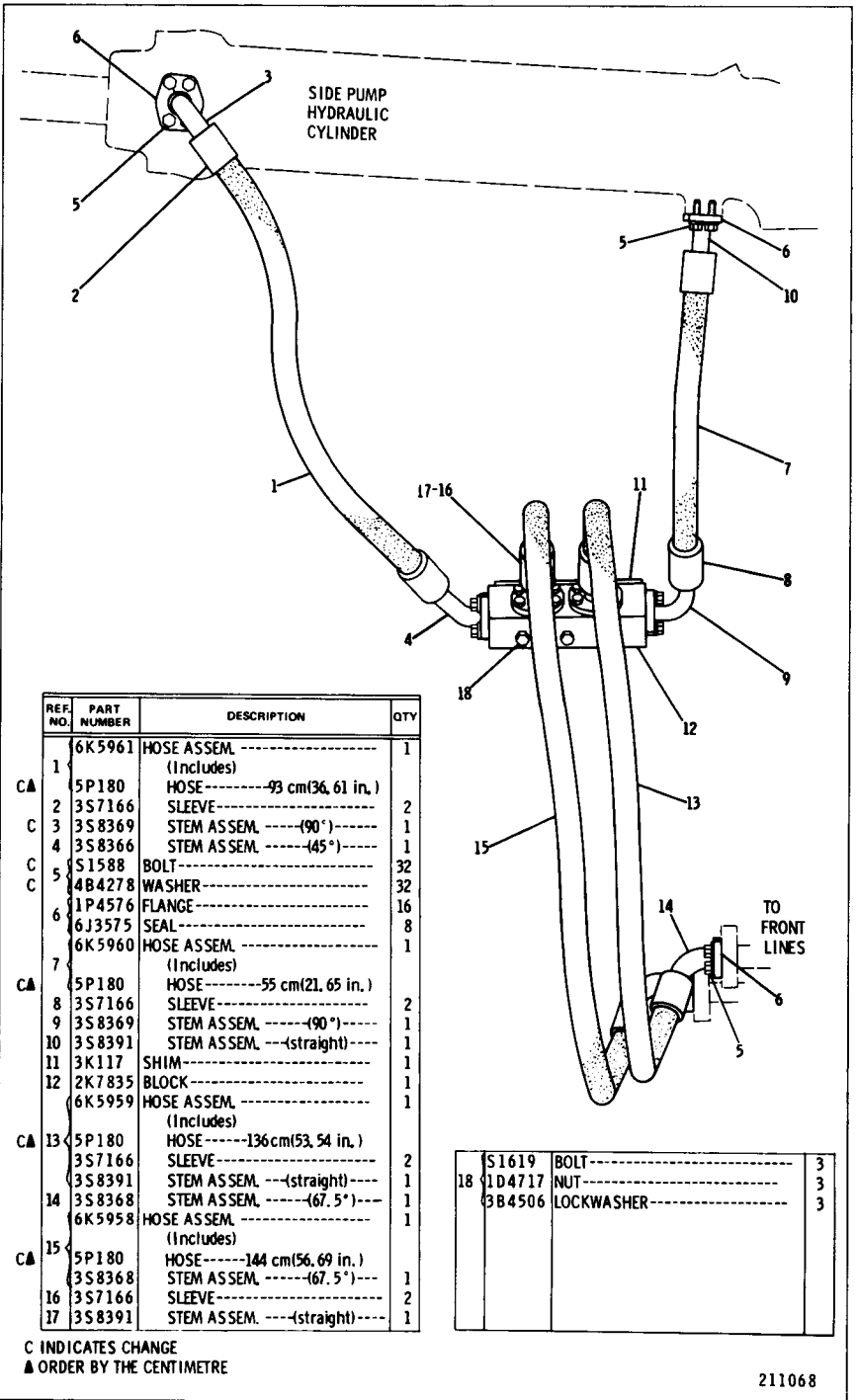
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	9G6680	GUARD ASSEM.-----	1
2	9G6684	GUARD ASSEM.-----	1
3	6H1717	BOLT-----	4
4	5P1076	WASHER-----	4
4	9G6682	GUARD ASSEM.-----	1

5	2P7605	TUBE ASSEM.-----	1
6	1P3703	SEAL-----	2
7	2B947	BOLT-----	4
8	2P8037	TUBE ASSEM.-----	1



176051

9G6509 REAR HYDRAULIC LINES GROUP  
 Part of 9G6746 and 9G6747 Hydraulic Arrangements listed on Page 169  
 AN ATTACHMENT



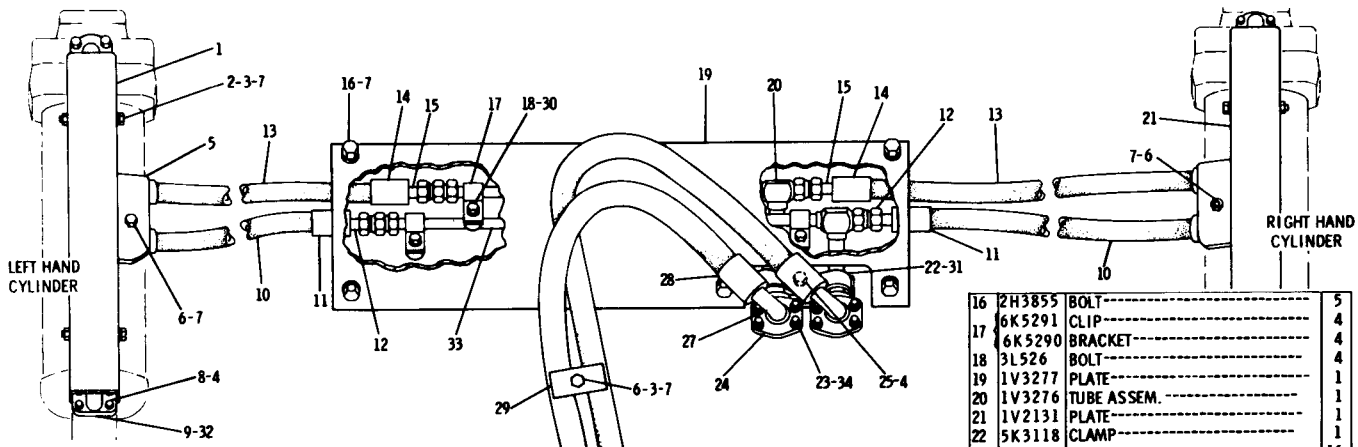
REF. NO.	PART NUMBER	DESCRIPTION	QTY
	6K5961	HOSE ASSEM. ----- (Includes)	1
CA 1	5P180	HOSE-----93 cm(36.61 in.)	1
2	3S7166	SLEEVE-----	2
C 3	3S8369	STEM ASSEM. -----(90°)----	1
4	3S8366	STEM ASSEM. -----(45°)----	1
C 5	S1588	BOLT-----	32
C 6	4B4278	WASHER-----	32
7	1P4576	FLANGE-----	16
8	6J3575	SEAL-----	8
9	6K5960	HOSE ASSEM. ----- (Includes)	1
CA 10	5P180	HOSE-----55 cm(21.65 in.)	1
11	3S7166	SLEEVE-----	2
12	3S8369	STEM ASSEM. -----(90°)----	1
13	3S8391	STEM ASSEM. -----(straight)----	1
14	3K117	SHIM-----	1
15	2K7835	BLOCK-----	1
16	6K5959	HOSE ASSEM. ----- (Includes)	1
CA 17	5P180	HOSE-----136 cm(53.54 in.)	1
18	3S7166	SLEEVE-----	2
19	3S8391	STEM ASSEM. -----(straight)----	1
20	3S8368	STEM ASSEM. -----(67.5°)----	1
21	6K5958	HOSE ASSEM. ----- (Includes)	1
CA 22	5P180	HOSE-----144 cm(56.69 in.)	1
23	3S8368	STEM ASSEM. -----(67.5°)----	1
24	3S7166	SLEEVE-----	2
25	3S8391	STEM ASSEM. -----(straight)----	1

18	S1619	BOLT-----	3
	1D4717	NUT-----	3
	3B4506	LOCKWASHER-----	3

C INDICATES CHANGE  
 ▲ ORDER BY THE CENTIMETRE

211068

6K1721 HYDRAULIC LINES GROUP  
 Part 6K707 Side Dump Bucket Arrangement listed on Page 225  
 AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1V2132	PLATE-----	1
2	S1573	BOLT-----	4
3	1D4719	NUT-----	5
4	3B4506	LOCKWASHER-----	17
5	1V2130	CLAMP-----	2
6	S1621	BOLT-----	3
7	3B4508	LOCKWASHER-----	12
8	V196	BOLT-----	16
9	1V2129	TUBE ASSEM.-----	4
10	1V3266	HOSE ASSEM.----- (Each Includes)	2
	5P180	HOSE-----58.4 cm(22.99 in.)	1
	8S6389	COUPLING ASSEM.---(90°)---	1
11	2S7166	SLEEVE-----	2
12	8S3759	COUPLING ASSEM.---(straight)---	1

13	1V3264	HOSE ASSEM.-----	2
		(Each Includes)	
	5P180	HOSE-----66.98 cm(26.37 in.)	1
	9S6389	COUPLING ASSEM.---(90°)---	1
14	2S7166	SLEEVE-----	2
15	8S3759	COUPLING ASSEM.---(straight)---	1

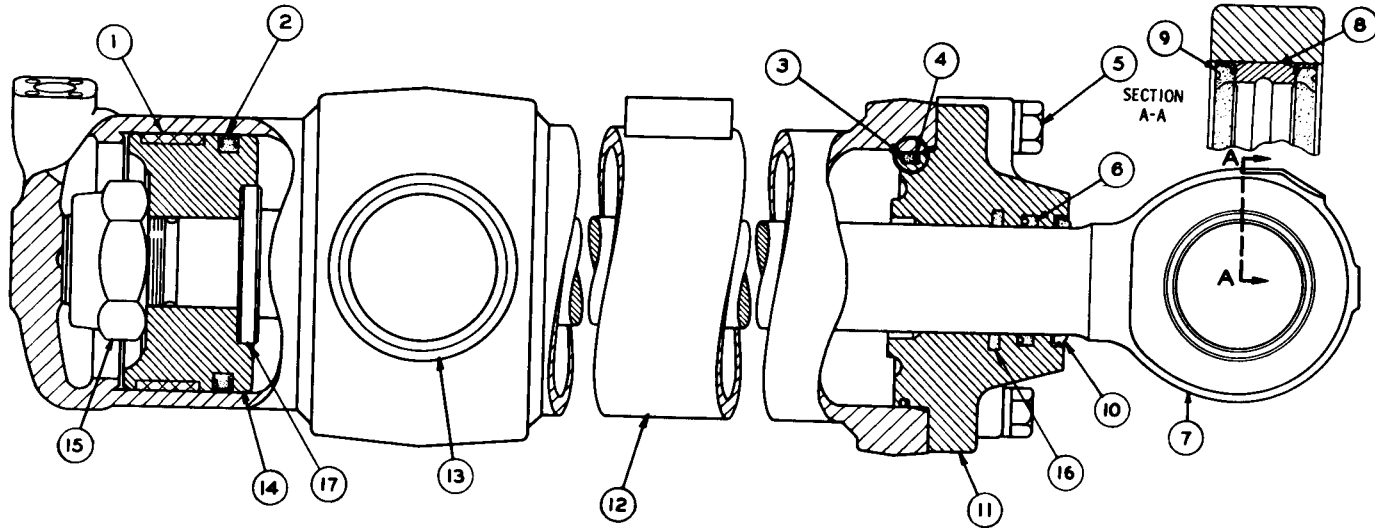
16	2H3855	BOLT-----	5
17	6K5291	CLIP-----	4
18	6K5290	BRACKET-----	4
19	3L526	BOLT-----	4
20	1V3277	PLATE-----	1
21	1V3276	TUBE ASSEM.-----	1
22	1V2131	PLATE-----	1
23	5K3118	CLAMP-----	1
24	S1588	BOLT-----	16
25	1P4576	FLANGE-----	8
26	3B1915	BOLT-----	1
27	1V3268	HOSE ASSEM.----- (Each Includes)	2
	5P180	HOSE-----154.74 cm(60.92 in.)	1
	3S8362	STEM ASSEM.---(67.5°)---	2
28	3S7166	SLEEVE-----	2
29	7M5138	CLAMP-----	2
30	3B4507	LOCKWASHER-----	4
31	4S5719	SPACER-----	1
32	4J5267	SEAL-----	8
33	1V3273	TUBE ASSEM.-----	1
34	4B4278	WASHER-----	16

▲ ORDER BY THE CENTIMETRE

153453

1V3668 HYDRAULIC LINES GROUP  
Part of 1V3669 Multi-Purpose Bucket Arrangement listed on Page 224  
AN ATTACHMENT

7J9375 LIFT CYLINDER GROUP (Change 4 & 5) (7K9385 N/S) R.H.—165.1 mm (6.50 in.) Bore x 1032 mm (36.70 in.) Stroke



REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	9J9806	RING-----	1
C 2	8J8703	SEAL ASSEM.-----	1
3	2K4472	SEAL-----	1
4	2K4473	WASHER-----	1
5	1D4610	BOLT-----	6
5	5H1504	WASHER-----	6

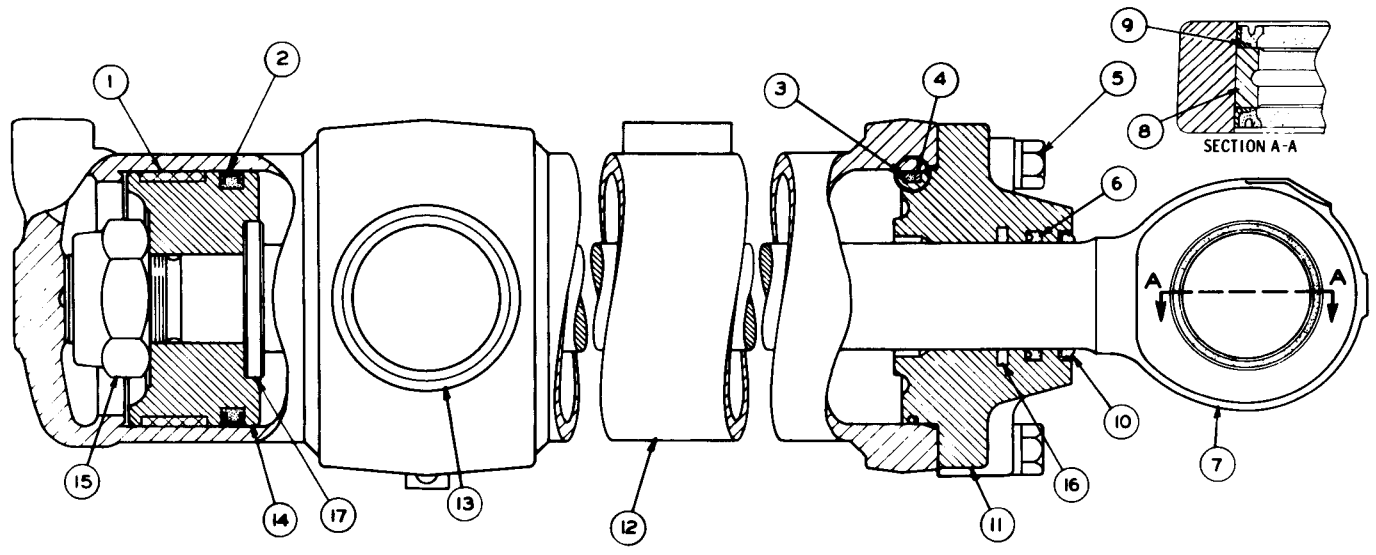
6	5J8275	SEAL-----	1
7	9J7881	ROD ASSEM.-----	1
8	7J9345	BEARING-----	1
▲ 9	7K9210	SEAL-----	2
10	1J3540	SEAL-----	1
11	9J5605	HEAD-----	1

C INDICATES CHANGE

12	7J9641	CYLINDER ASSEM.-----	1
13	5J5370	BEARING-----	2
C 14	9J9805	PISTON-----	1
15	5J3488	NUT-----	1
16	6J6553	SEAL-----	1
17	7J1937	WASHER-----	1

▲ NOT PART OF 7J9375 CYLINDER GROUP

210425



REF NO	PART NUMBER	DESCRIPTION	QTY
C 1	9J9806	RING-----	1
C 2	8J8703	SEAL ASSEM.-----	1
3	2K4472	SEAL-----	1
4	2K4473	WASHER-----	1
5	1D4610	BOLT-----	6
5	5H1504	WASHER-----	6

6	5J8275	SEAL-----	1
C 7	9J7881	ROD ASSEM.-----	1
8	7J9345	BEARING-----	1
▲ 9	7K9210	SEAL-----	2
10	1J3540	SEAL-----	1
11	9J5605	HEAD-----	1

12	7J9642	CYLINDER ASSEM.-----	1
13	5J5370	BEARING-----	2
C 14	9J9805	PISTON-----	1
15	5J3488	NUT-----	1
16	6J6553	SEAL-----	1
17	7J1937	WASHER-----	1

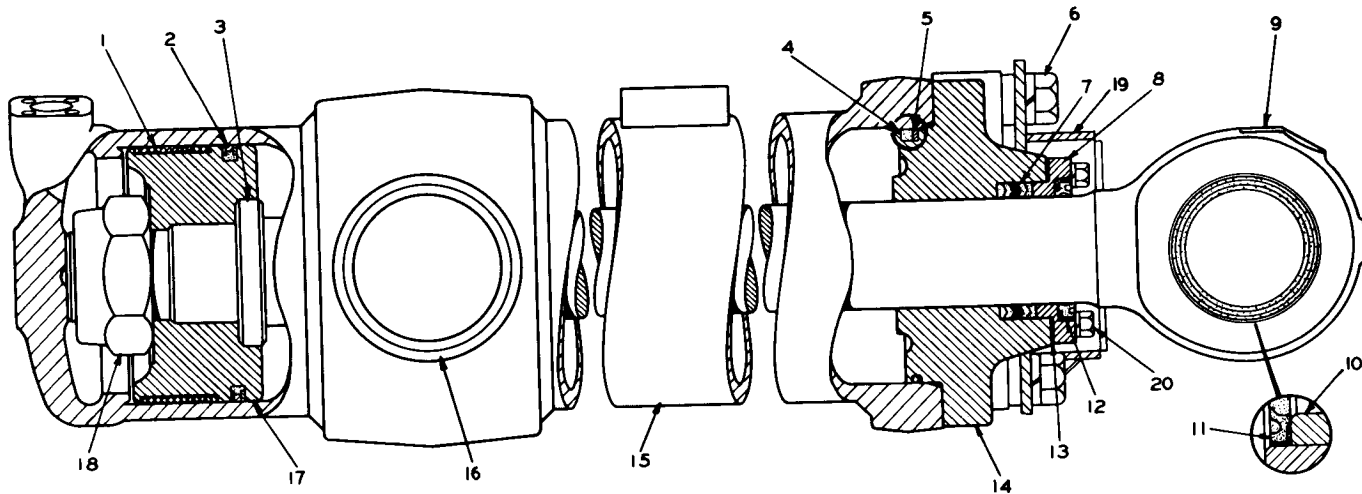
C INDICATES CHANGE

▲ NOT PART OF 7J9376 CYLINDER GROUP

210426

7J9376 LIFT CYLINDER GROUP (Change 4 & 5) (7K9386 N/S) L.H.—165.1 mm (6.50 in.) Bore x 1032 mm (36.70 in.) Stroke

7J9659 LIFT CYLINDER GROUP (Change 4) (7K9391 N/S)—R.H.—165.1 mm (6.50 in.) Bore x 931 mm (36.70 in.) Stroke  
 Replaced by 3G8119 shown on Page 205B  
 Part of 9P1402 Hydraulic Arrangement listed on Page 170. AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	9J9806	RING-----	1
2	8J8703	SEAL ASSEM.-----	1
C 3	7J1937	WASHER-----	1
4	2K4472	SEAL-----	1
5	2K4473	WASHER-----	1
6	3B2968	BOLT-----	6
6	5H1504	WASHER-----	12
7	5F3498	PACKING-----	1

8	2J491	RETAINER-----	1
9	9J7881	ROD ASSEM.-----	1
10	7J9345	BEARING-----	1
▲ 11	5P66	SEAL-----	2
12	7J8274	SEAL-----	1
13	5F3500	SHIM-----	6
14	7J486	HEAD-----	1
15	7J9641	CYLINDER ASSEM. --(Right Hand)-----	1
16	5J5370	BEARING-----	2

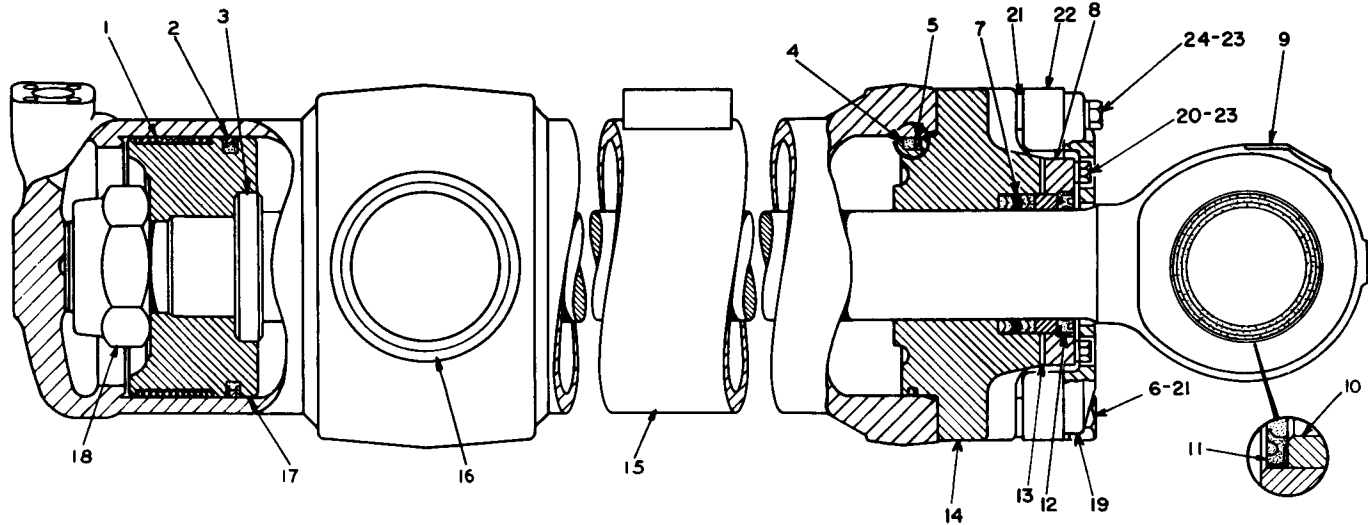
C INDICATES CHANGE

C 17	9J9805	PISTON-----	1
18	5J3488	NUT-----	1
19	7J4577	SHIELD ASSEM. -----(R. H.)-----	1
19	7J4578	SHIELD ASSEM. -----(L. H.)-----	1
20	S1591	BOLT-----	4
20	3B4506	LOCKWASHER-----	4

▲ NOT PART OF 7J9659 CYLINDER GROUP

158496

3G8119 LIFT CYLINDER GROUP (Change 0) (7K9391 N/S) R.H.—165.1 mm (6.50 in.) Bore x 931 mm (36.70 in.) Stroke  
 Part of 9P1402 Hydraulic Arrangement listed on Page 170. AN ATTACHMENT



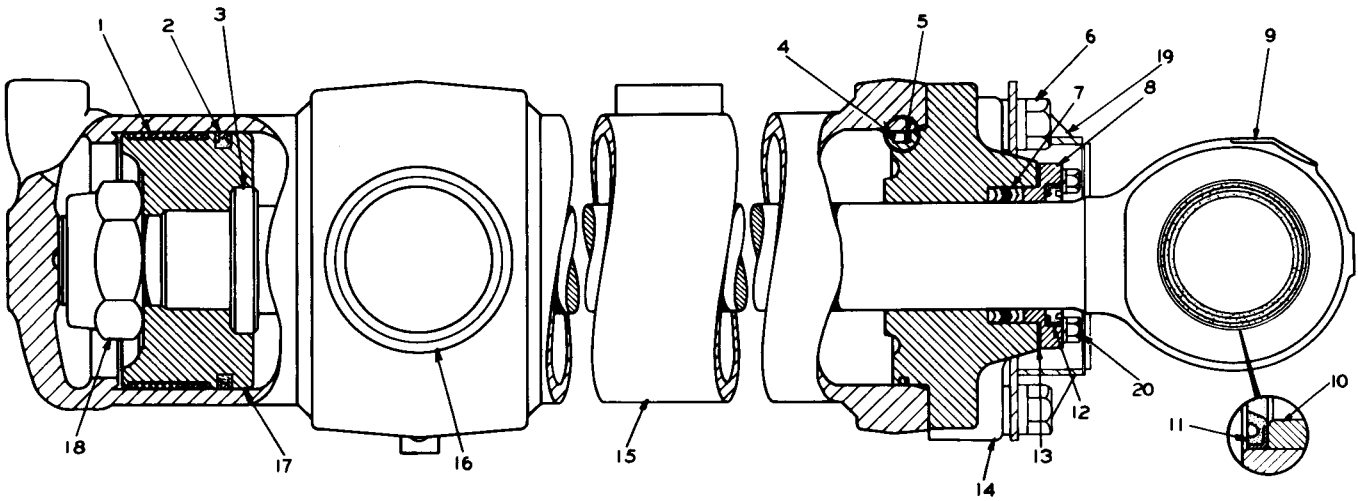
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	9J9806	RING-----	1
2	8J8703	SEAL ASSEM.-----	1
3	7J1937	WASHER-----	1
4	2K4472	SEAL-----	1
5	2K4473	RING-----	1
6	5I627	BOLT-----	6
7	5F3498	PACKING-----	1
8	2J491	RETAINER-----	1

9	9J7881	ROD ASSEM.-----	1
		(Includes)	
10	7J9345	BEARING-----	1
▲ 11	5P66	SEAL-----	2
12	7J8274	SEAL-----	1
13	5F3500	SHIM----- (use as required)-----	6
14	7J486	HEAD-----	1
15	7J9641	CYLINDER ASSEM.---(right hand)---	1
		(Includes)	
16	5J5370	BEARING-----	2
17	9J9805	PISTON-----	1

18	5J3488	NUT-----	1
19	3G8102	SHIELD-----	2
20	S1591	BOLT-----	4
21	5P8248	WASHER-----	12
22	3G8103	SPACER-----	1
23	5M2894	WASHER-----	10
24	S1594	BOLT-----	6

▲ NOT PART OF 3G8119 CYLINDER GROUP

223059



REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	9J9806	RING-----	1
2	8J8703	SEAL ASSEM.-----	1
3	7J1937	WASHER-----	1
4	2K4472	SEAL-----	1
5	2K4473	WASHER-----	1
6	3B2968	BOLT-----	6
6	5H1504	WASHER-----	12
7	5F3498	PACKING-----	1

8	2J491	RETAINER-----	1
9	9J7881	ROD ASSEM.-----	1
10	7J9345	BEARING-----	1
11	5P66	SEAL-----	2
12	7J8274	SEAL-----	1
13	5F3500	SHIM-----	6
14	7J486	HEAD-----	1
15	7J9642	CYLINDER ASSEM. ---(Left Hand)---	1
16	5J5370	BEARING-----	2

C 17	9J9805	PISTON-----	1
18	5J3488	NUT-----	1
19	7J4577	SHIELD ASSEM. --- (R. H.) ---	1
19	7J4578	SHIELD ASSEM. --- (L. H.) ---	1
20	S1591	BOLT-----	4
20	3B4506	LOCKWASHER-----	4

C INDICATES CHANGE

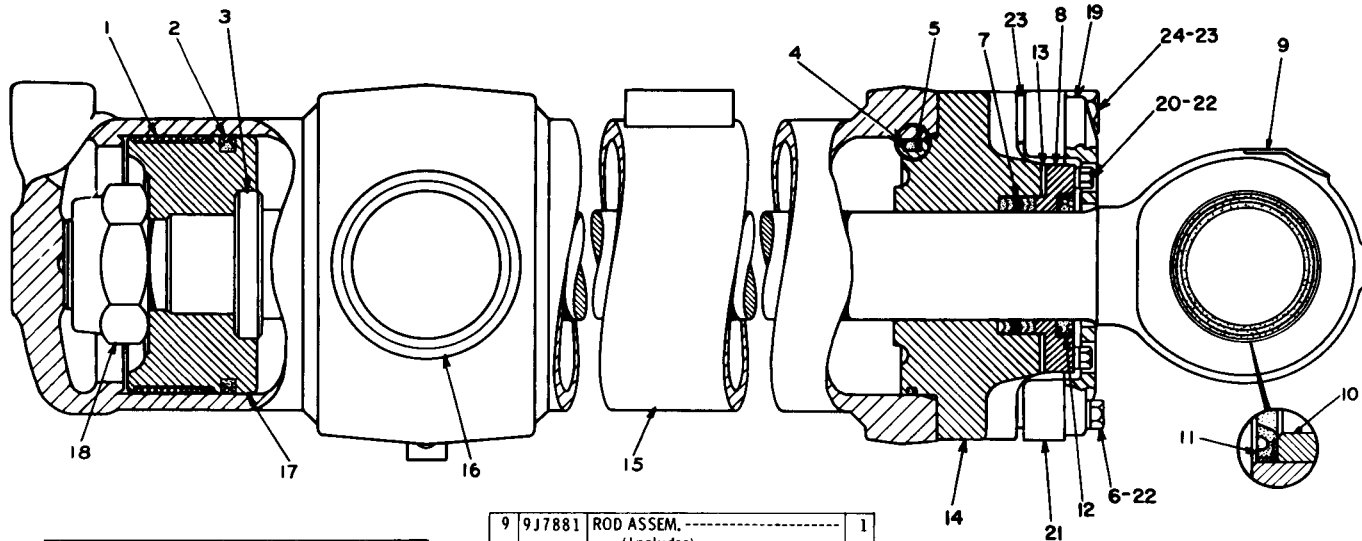
▲ NOT PART OF 7J9660 CYLINDER GROUP

158497

7J9660 LIFT CYLINDER GROUP (Change 4) (7K9396 N/S)—L.H.—165.1 mm (6.50 in.) Bore x 931 mm (36.70 in.) Stroke—  
 Replaced by 3G8118 shown on Page 206B  
 Part of 9P1402 Hydraulic Arrangement listed on Page 170. AN ATTACHMENT



3G8118 LIFT CYLINDER GROUP (Change 0) (7K9396 N/S) L.H.—165.1 mm (6.50 in.) Bore x 931 mm (36.70 in.) Stroke  
 Part of 9P1402 Hydraulic Arrangement listed on Page 170. AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	9J9806	RING-----	1
2	8J8703	SEAL ASSEM.-----	1
3	7J1937	WASHER-----	1
4	2K4472	SEAL-----	1
5	2K4473	RING-----	1
6	S1594	BOLT-----	6
7	5F3498	PACKING-----	1
8	2J491	RETAINER-----	1

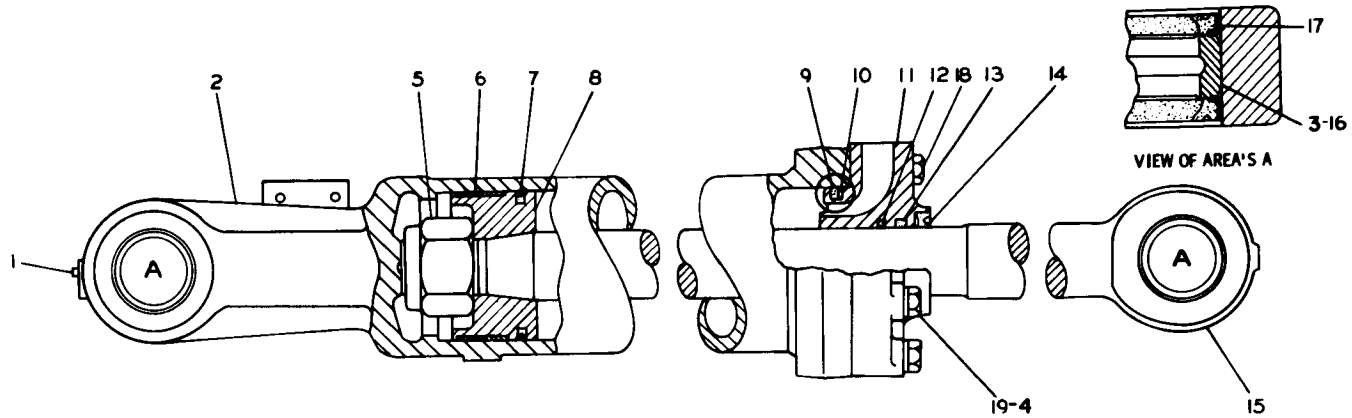
9	9J7881	ROD ASSEM.-----	1
		(Includes)	
		BEARING-----	1
10	7J9345	BEARING-----	1
▲ 11	5P66	SEAL-----	2
12	7J8274	SEAL-----	1
13	5F3500	SHIM----- (use as required)-----	6
14	7J486	HEAD-----	1
15	7J9642	CYLINDER ASSEM. --(left hand)---	1
		(Includes)	
16	5J5370	BEARING-----	2
17	9J9805	PISTON-----	1
18	5J3488	NUT-----	1

19	3G8102	SHIELD-----	2
20	S1591	BOLT-----	4
21	3G8103	SPACER-----	1
22	5M2894	WASHER-----	10
23	5P8248	WASHER-----	12
24	S1627	BOLT-----	6

▲ NOT PART OF 3G8118 CYLINDER GROUP

223056

9J672 TILT CYLINDER GROUP (Change 3) (3P6137 N/S)—R.H.—152.4 mm (6.00 in.) Bore x 696 mm (27.40 in.) Stroke



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
C 1	2B7408	PLUG-----	1
2	9J668	CYLINDER ASSEM. -----(R. H.)----- (Includes)	1
3	7J9346	BEARING-----	1
4	5H1504	WASHER-----	8
5	3J6899	NUT-----	1

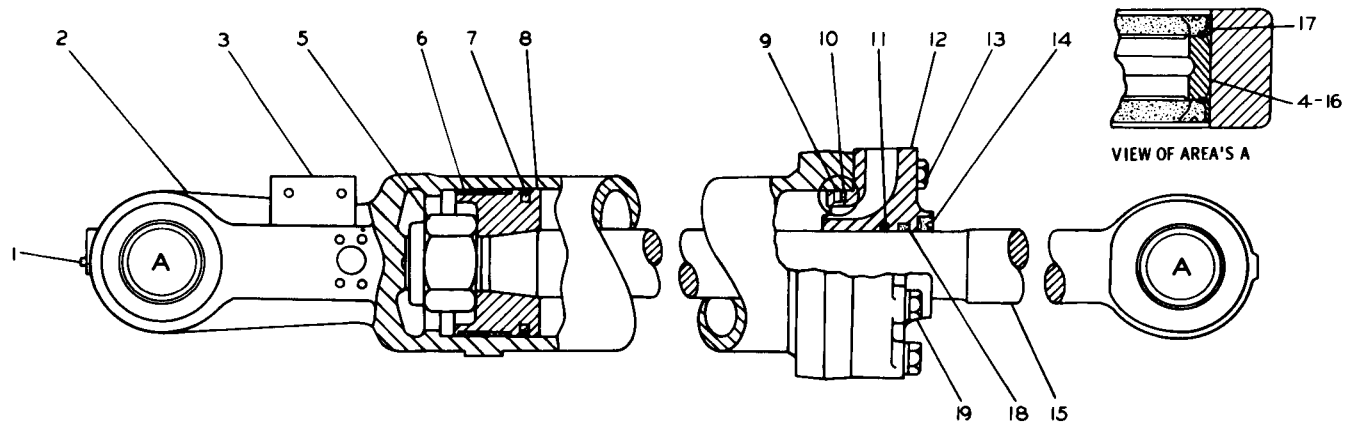
C 6	7J5326	RING-----	1
C 7	5J4989	SEAL ASSEM. -----	1
C 8	9J8054	PISTON-----	1
9	5H3252	SEAL-----	1
10	2K3258	RING-----	1
11	9J4991	HEAD-----	1
12	6J6553	SEAL-----	1

13	5J8275	SEAL-----	1
14	1J3540	SEAL-----	1
C 15	7J9377	ROD ASSEM. ----- (Includes)	1
16	7J9346	BEARING-----	1
▲ 17	5P64	SEAL-----	4
18	3B2968	BOLT-----	2
19	1D4610	BOLT-----	6
▲	GMG02349	FORM----- (Installing Tilt Cylinder Lines And Tube Assem.)	1

▲ NOT PART OF 9J672 CYLINDER GROUP

C INDICATES CHANGE

172739



REF NO	PART NUMBER	DESCRIPTION	QTY
1	2B7408	PLUG-----	1
2	9J669	CYLINDER ASSEM. ----(L. H.)----	1
		(Includes)	
3	9J665	PLATE-----	1
4	7J9346	BEARING-----	1
5	3J6899	NUT-----	1
C 6	7J5326	RING-----	1

C 7	5J4989	SEAL ASSEM.-----	1
C 8	9J8054	PISTON-----	1
9	5H3252	SEAL-----	1
10	2K3258	RING-----	1
11	6J6553	SEAL-----	1
12	9J4991	HEAD-----	1
13	3B2968	BOLT-----	2

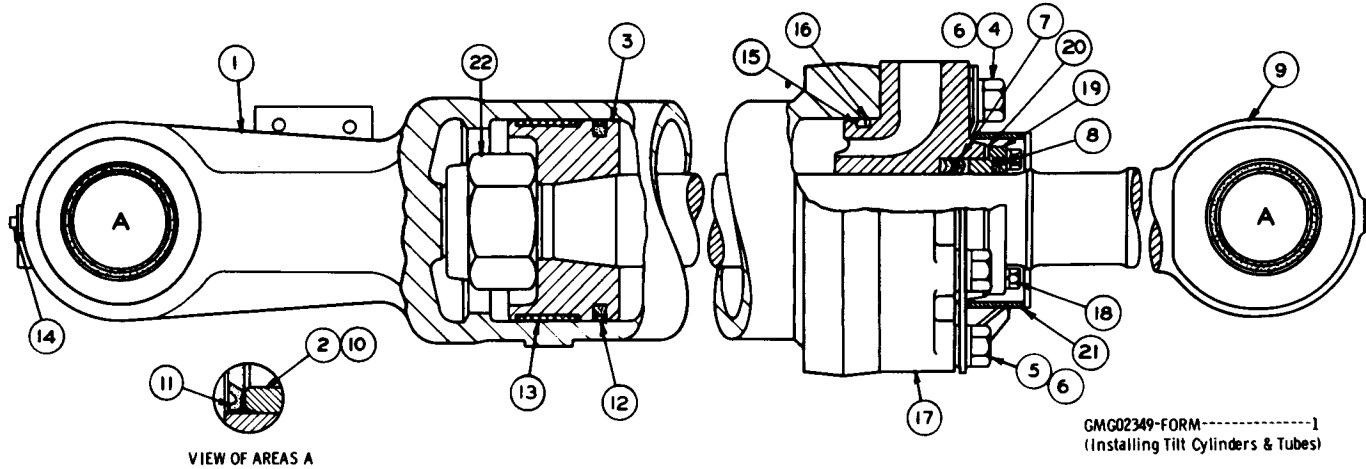
14	1J3540	SEAL-----	1
15	7J9648	ROD ASSEM.-----	1
		(Includes)	
16	7J9346	BEARING-----	1
17	5P64	SEAL-----	4
18	5J8275	SEAL-----	1
19	1D4610	BOLT-----	6
	5H1504	WASHER-----	8
	GMG02349	FORM-----	1

▲ NOT PART OF 9J673 CYLINDER GROUP

160052

9J673 TILT CYLINDER GROUP (Change 3) (3P6138 N/S)—L.H.—152.4 mm (6.00 in.) Bore x 696 mm (27.40 in.) Stroke

9J671 TILT CYLINDER GROUP (Change 2) (3P6139 N/S)—R.H.—152.4 mm (6.00 in.) Bore x 696 mm (27.40 in.) Stroke  
 Part of 9P1402 Hydraulic Arrangement listed on Page 170  
 AN ATTACHMENT



GMG02349-FORM-----1  
 (Installing Tilt Cylinders & Tubes)

VIEW OF AREAS A

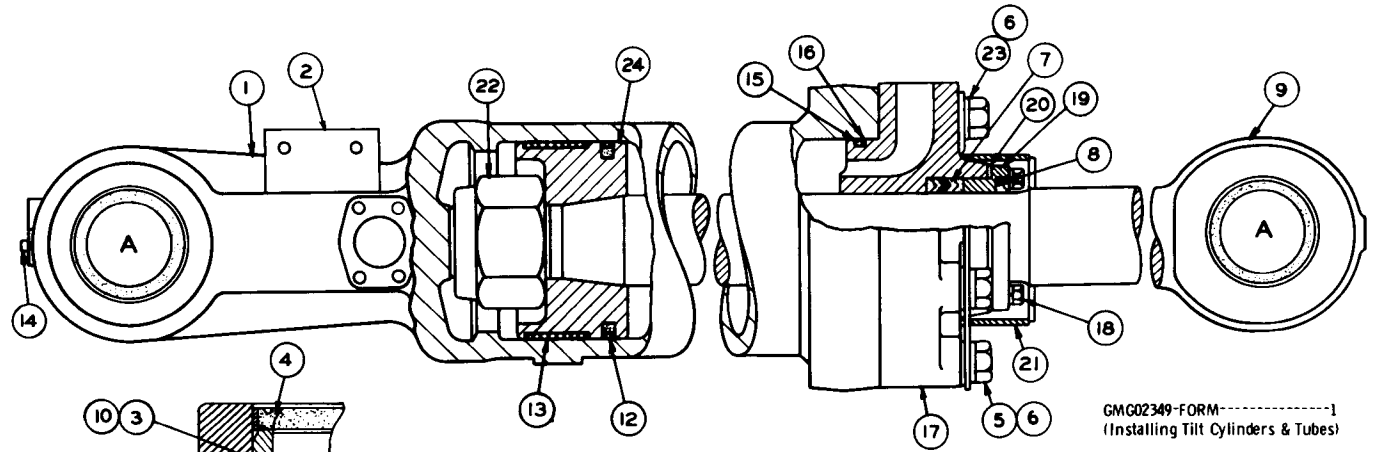
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
C 1	9J668	CYLINDER ASSEM. ---(R. H.)--- (Includes)	1
2	7J9346	BEARING-----	1
C 3	9J8054	PISTON-----	1
4	1D4612	BOLT-----	2
5	7F5227	BOLT-----	6
6	5H1504	WASHER-----	16

7	5F3498	PACKING-----	1
8	7J8274	SEAL-----	1
9	7J9377	ROD ASSEM.-----	1
10	7J9346	BEARING-----	1
▲ 11	5P64	SEAL-----	4
C 12	5J4989	SEAL ASSEM.-----	1
C 13	7J5326	RING-----	1
14	2B7408	PLUG-----	1
15	5H3252	SEAL-----	1
16	2K3258	RING-----	1

17	7J491	HEAD-----	1
18	S1591	BOLT-----	4
	3B4506	LOCKWASHER-----	4
19	2J491	RETAINER-----	1
20	5F3500	SHIM-----	6
	7J4580	SHIELD ASSEM. ---(-L. H.)---	1
21	7J4579	SHIELD ASSEM. ---(-R. H.)---	1
22	3J6899	NUT-----	1

C INDICATES CHANGE  
 ▲ NOT PART OF 9J671 CYLINDER GROUP

172738



GMG02349-FORM-----1  
(Installing Tilt Cylinders & Tubes)

VIEW OF AREAS A

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	9J669	CYLINDER ASSEM. ----(L.H.)----	1
2	9J665	PLATE	1
3	7J9346	BEARING	1
4	5P64	SEAL	4

5	7F5227	BOLT	6
6	5H1504	WASHER	16
7	5F3498	PACKING	1
8	7J8274	SEAL	1
9	7J9648	ROD ASSEM.	1
10	7J9346	BEARING	1
C 12	5J4989	SEAL ASSEM.	1
C 13	7J5326	RING	1
14	2B7408	PLUG	1

15	5H3252	SEAL	1
16	2K3258	RING	1
17	7J491	HEAD	1
18	S1591	BOLT	4
18	3B4506	LOCKWASHER	4
19	2J491	RETAINER	1
20	5F3500	SHIM	6
21	7J4579	SHIELD ASSEM. ----(R.H.)----	1
21	7J4580	SHIELD ASSEM. ----(L.H.)----	1
22	3J6899	NUT	1
23	1D4612	BOLT	2
C 24	9J8054	PISTON	1

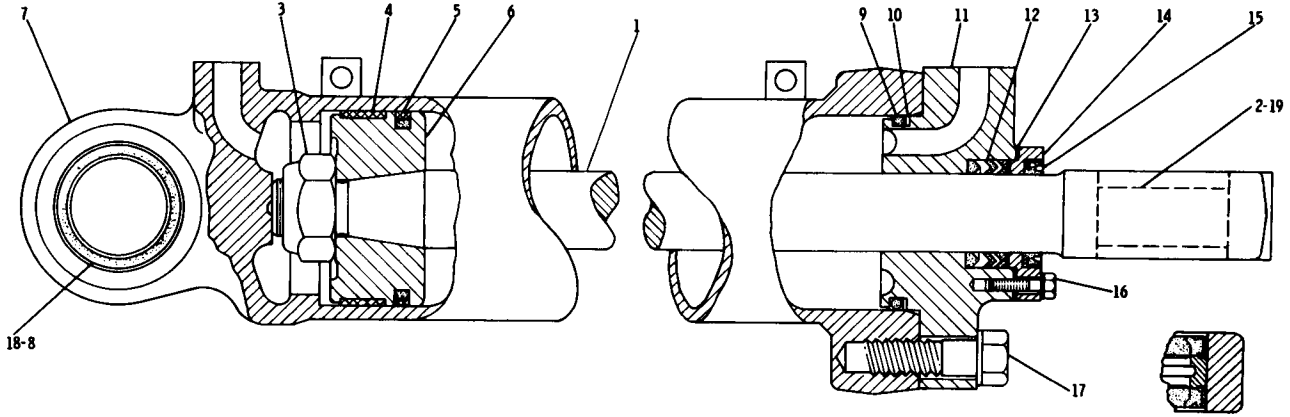
C INDICATES CHANGE

▲ NOT PART OF 9J670 CYLINDER GROUP

157578

9J670 TILT CYLINDER GROUP (Change 2) (3P6140 N/S)—L.H.—152.4 mm (6.00 in.) Bore x 696 mm (27.40 in.) Stroke  
Part of 9P1402 Hydraulic Arrangement listed on Page 170  
AN ATTACHMENT

9J1822 CYLINDER GROUP (Change 0) (1V4771 N/S)—127 mm (5 in.) Bore x 355.6 mm (14 in.) Stroke  
 Part of 1V3669 Multi-Purpose Bucket Arrangement listed on Page 224  
 AN ATTACHMENT



TYPICAL SEAL INSTALLATION

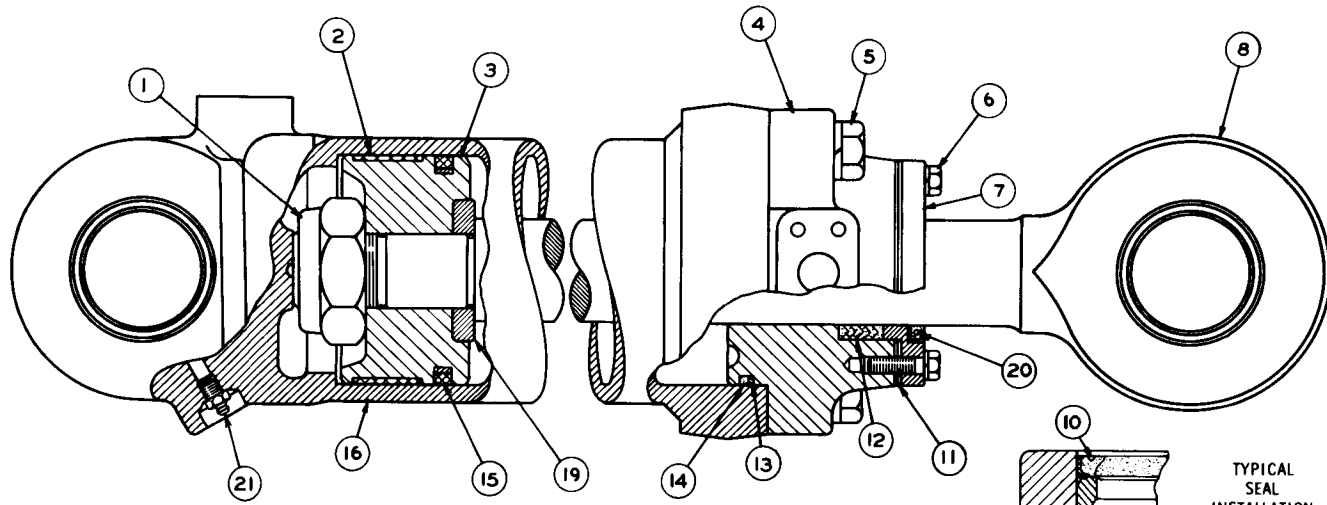
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8J5748	ROD ASSEM. ----- (Includes)	1
2	7J9745	BEARING-----	1
3	2J3950	NUT-----	1
4	4J4630	RING-----	1
5	5J5020	SEAL ASSEM. -----	1
6	5J1922	PISTON-----	1

7	9J2050	CYLINDER ASSEM. ----- (Includes)	1
8	8J5746	BEARING-----	1
9	5F3144	SEAL-----	1
10	2K4096	RING-----	1
11	6J1163	HEAD-----	1
12	3F9609	PACKING-----	1
13	2J3864	SHIM-----, 0478 in. (1.21 mm) thick	1
	2J3861	SHIM-----, 010 in. (0.26 mm) thick	6

14	2J3860	RETAINER-----	1
15	1K6981	SEAL-----	1
16	3B1915	BOLT-----	4
	3B4506	LOCKWASHER-----	4
	1D4627	BOLT-----	4
17	3B4514	LOCKWASHER-----	4
▲ 18	5P71	SEAL-----	2
▲ 19	5P65	SEAL-----	2

▲ NOT PART OF 9J1822 CYLINDER GROUP

153450



REF NO	PART NUMBER	DESCRIPTION	QTY
1	5J5731	NUT-----	1
2	4J3420	RING-----	1
3	7J2466	PISTON-----	1
4	5J9883	HEAD-----	1
5	1D4608	BOLT-----	4
	3B4512	LOCKWASHER-----	4
6	3B1915	BOLT-----	4
	3B4506	LOCKWASHER-----	4

	7	5J2630	RETAINER-----	1
	8	8J5753	ROD ASSEM.-----	1
	9	7J9344	BEARING-----	1
▲	10	5P65	SEAL-----	4
	11	5J2629	SHIM-----	6
	12	2K4434	PACKING-----	1
C	13	2K4096	RING-----	1
	14	5F3144	SEAL-----	1
	15	5J5020	SEAL ASSEM.-----	1
	16	8J5750	CYLINDER ASSEM.-----	1
	17	8J5778	BEARING-----	1

C INDICATES CHANGE

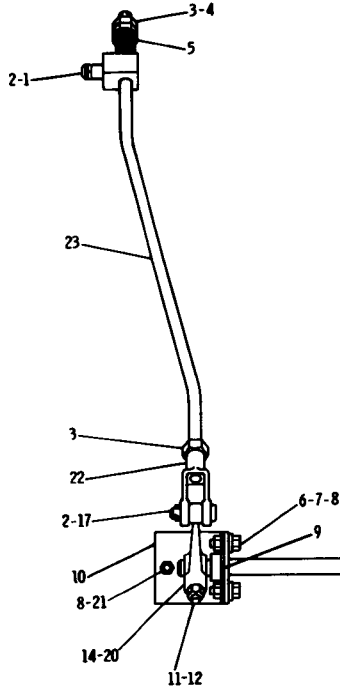
19	7J2467	WASHER-----	1
20	4J3515	SEAL-----	1
21	3B8489	FITTING-----	1

▲ NOT PART OF 8J5749 CYLINDER GROUP

149586

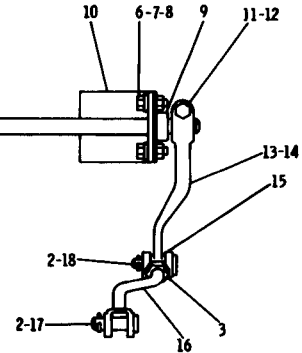
BJ5749 CYLINDER GROUP (Changes 2—4) (9K3175 N/S)—127 mm (5 in.) Bore x 467 mm (23.30 in.) Stroke  
 Part of 6K707 Side Dump Bucket Arrangement listed on Page 225. AN ATTACHMENT

8P7750 MECHANICAL KICKOUT GROUP



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8K6410	PIN-----	1
2	3B4617	COTTER PIN-----	4
3	1B4205	NUT-----	4
4	4B4280	WASHER-----	1
5	8J6325	SPRING-----	1
6	2A762	BOLT-----	4
7	1B4330	NUT-----	4
8	5P4115	WASHER-----	8
9	686259	BEARING-----	2
10	9P1992	BRACKET-----	2
11	2A4639	BOLT-----	2
12	1D4717	NUT-----	2
13	9P46	LEVER-----	1
14	1B8704	KEY-----	2

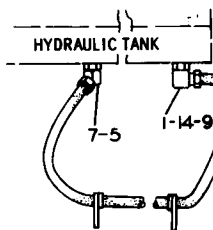
15	5K1719	ROD END-----	1
16	9P1991	ROD-----	1
17	5175	PIN-----	1
18	4H1477	PIN-----	1
19	9P1985	SHAFT-----	1
20	5D9536	LEVER-----	1
21	S1616	BOLT-----	4
22	6F7010	ROD END-----	1
23	9P6203	ROD-----	1



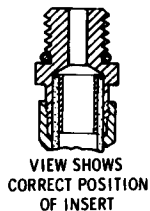
218217



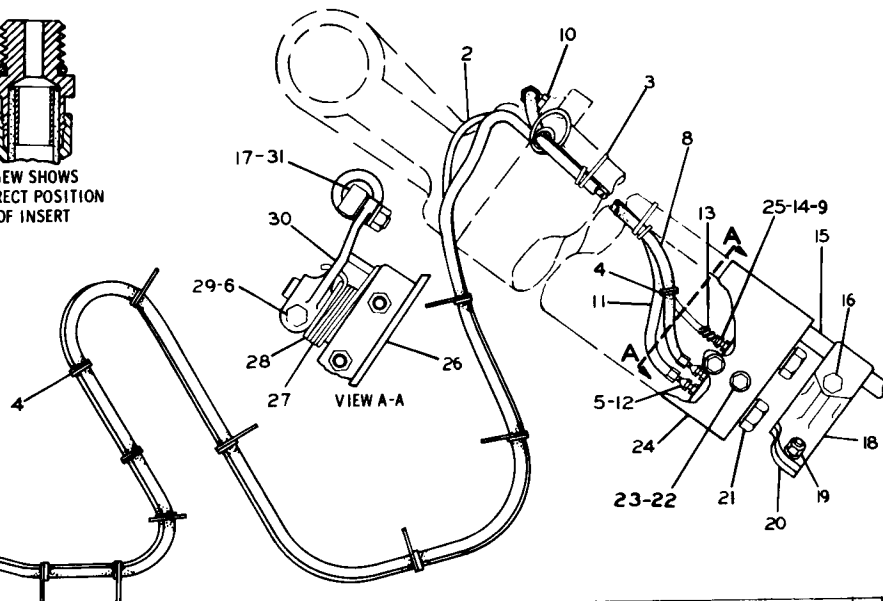
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1P269	ELBOW-----	1
CA 2	5P6015	TUBING-----4.3m (169 in.)	18
3	6K806	STRAP-----	3
C 4	3S2093	STRAP-----	3
5	3J7354	SEAL-----	3
6	S1571	BOLT-----	1
7	307941	ELBOW-----	1
8	6K4825	HOSE ASSEM. ---566.42 cm(223 in.)	1
9	5K8649	INSERT-----	2
10	3J7353	FITTING-----	1
10	3J7354	SEAL-----	1
11	8K8476	HOSE ASSEM. --- (44" long overall)	1
12	3J7352	CONNECTOR-----	2
C 13	6K149	SPRING-----	2
14	1P266	NUT-----	2
14	1P267	SLEEVE-----	2
14	1J9671	SEAL-----	2



15	8K8473	ROD-----	1
16	S1585	BOLT-----	1
17	2L6267	NUT-----	1
18	8K9201	SUPPORT-----	1
19	1A1460	BOLT-----	2
19	1D4719	NUT-----	2
20	8K82	CAP-----	1



VIEW SHOWS  
CORRECT POSITION  
OF INSERT



21	1D4615	BOLT-----	2
21	5H1504	WASHER-----	2
21	7K8657	SPACER-----	2
22	S1591	BOLT-----	2
23	5P1075	WASHER-----	2
24	8K8477	HOUSING-----	1
25	1P268	CONNECTOR-----	1
26	8J82	VALVE GROUP-----	1

(Separate Illustration)

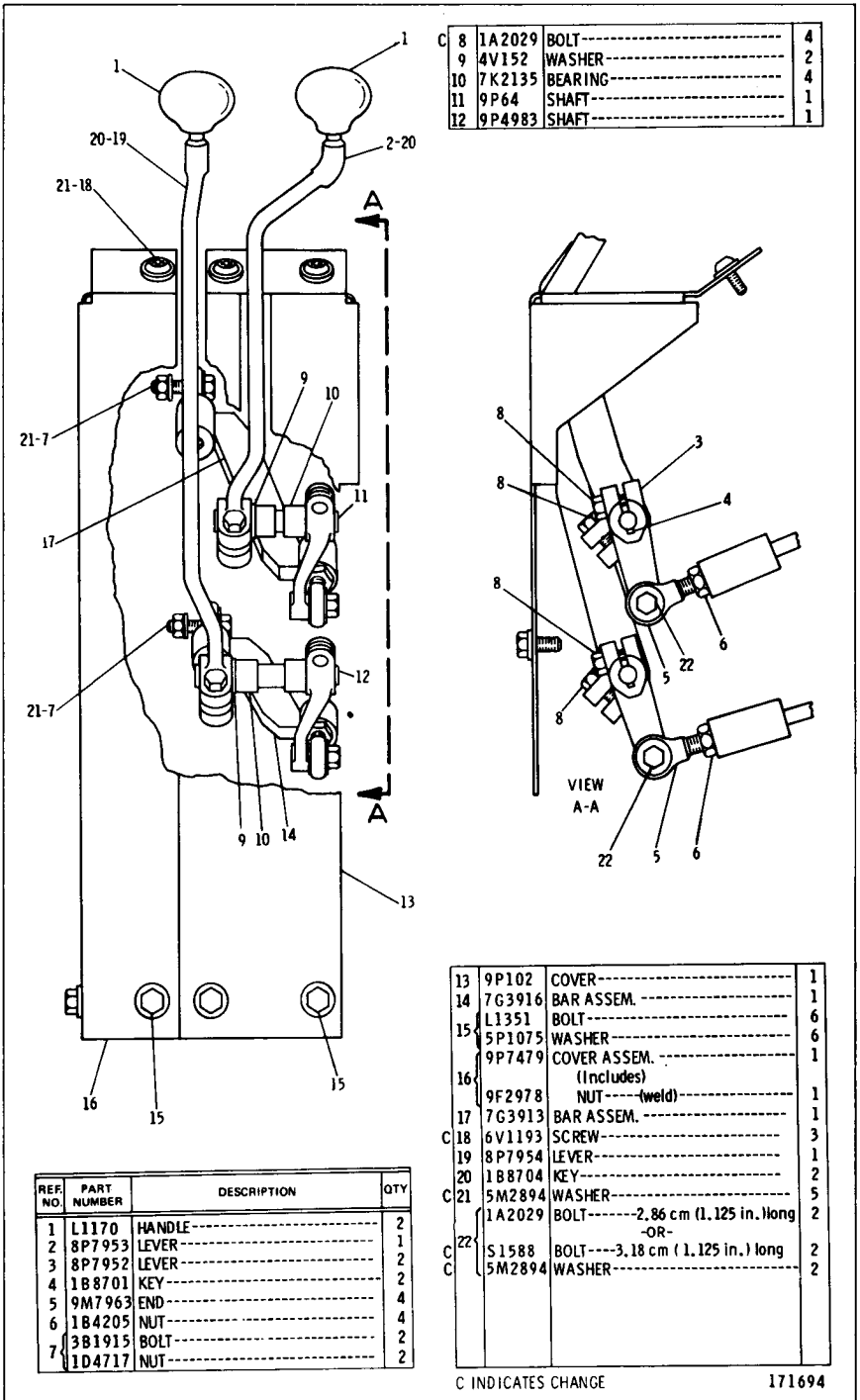
▲ ORDER BY THE METER

27	7K8660	SPRING-----	1
28	7K8659	WASHER-----	1
29	1D4717	NUT-----	1
30	8K83	LEVER-----	1
31	7K854	ROLLER-----	1

C INDICATES CHANGE

170129

8P7751 DUMP KICKOUT GROUP  
8J82 Valve parts are shown on Page 200



C	8	1A2029	BOLT-----	4
	9	4V152	WASHER-----	2
	10	7K2135	BEARING-----	4
	11	9P64	SHAFT-----	1
	12	9P4983	SHAFT-----	1

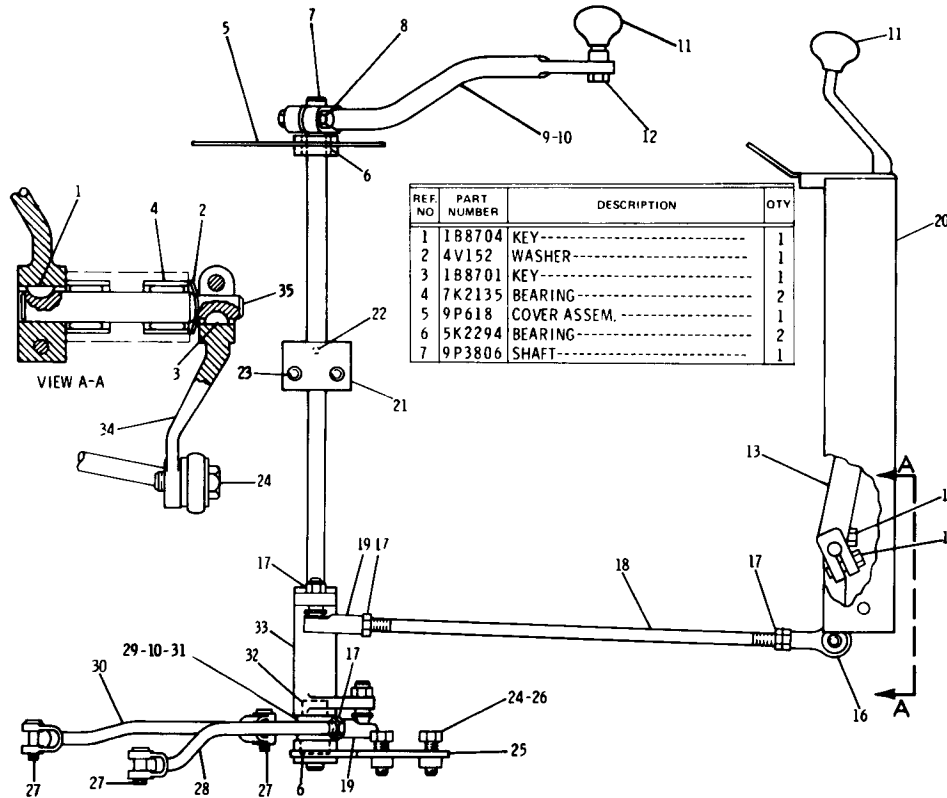
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	L1170	HANDLE-----	2
2	8P7953	LEVER-----	1
3	8P7952	LEVER-----	2
4	1B8701	KEY-----	2
5	9M7963	END-----	4
6	1B4205	NUT-----	4
7	3B1915	BOLT-----	2
	1D4717	NUT-----	2

	13	9P102	COVER-----	1
	14	7G3916	BAR ASSEM.-----	1
		L1351	BOLT-----	6
	15	5P1075	WASHER-----	6
		9P7479	COVER ASSEM.-----	1
	16		(Includes)	
		9F2978	NUT-----(weld)-----	1
	17	7G3913	BAR ASSEM.-----	1
	18	6V1193	SCREW-----	3
	19	8P7954	LEVER-----	1
	20	1B8704	KEY-----	2
	C21	5M2894	WASHER-----	5
		1A2029	BOLT-----2.86 cm (1.125 in.) long	2
			-OR-	
	C22	S1588	BOLT-----3.18 cm ( 1.125 in.) long	2
	C	5M2894	WASHER-----	2

C INDICATES CHANGE

171694

8P7671 HAND CONTROL GROUP



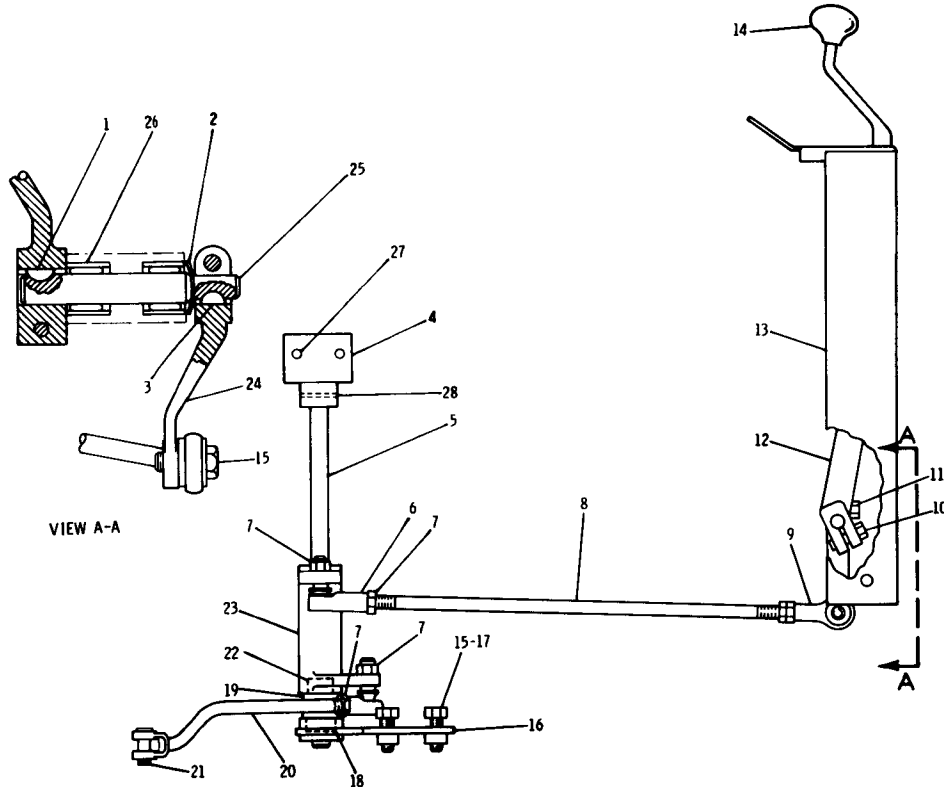
REF. NO	PART NUMBER	DESCRIPTION	QTY
1	1B8704	KEY-----	1
2	4V152	WASHER-----	1
3	1B8701	KEY-----	1
4	7K2135	BEARING-----	2
5	9P618	COVER ASSEM.-----	1
6	5K2294	BEARING-----	2
7	9P3806	SHAFT-----	1

8	S1590	BOLT-----	1
	1D4717	NUT-----	1
9	9P3390	LEVER ASSEM.-----	1
10	1B8706	KEY-----	2
11	L1170	HANDLE-----	2
	L478	BOLT-----	1
12	8P8679	SPACER-----	1
	1B4203	NUT-----	1
13	9P4724	LEVER ASSEM.-----	1
14	1A2029	BOLT-----	1
15	S1588	BOLT-----	1
16	4D4065	ROD END-----	1
17	1R4205	NUT-----	4
18	9P4726	ROD-----	1
19	6K4442	BALLJOINT ASSEM.-----	2
	9P7478	COVER ASSEM.-----	1
20		(Includes)	
	9F2978	NUT----- (weld)	1
21	9P3789	BRACKET-----	1
22	1H1200	PIN-----	1
	2H3855	BOLT-----	2
23	5P1076	WASHER-----	2
24	S1595	BOLT-----	3
25	7K2821	BRACKET ASSEM.-----	1
		(Includes)	
	1F748	NUT----- (weld)	2
26	S175	PIN-----	3
27	3B4617	COTTER-----	3
28	6K2897	ROD-----	1
29	S1591	BOLT-----	1
30	6K2611	ROD-----	1
31	9K1106	LEVER-----	1
32	6D5974	BEARING-----	2
33	6K2647	BELLCRANK ASSEM.-----	1
34	9P4722	LEVER-----	1
35	9P4723	SHAFT-----	1

170132

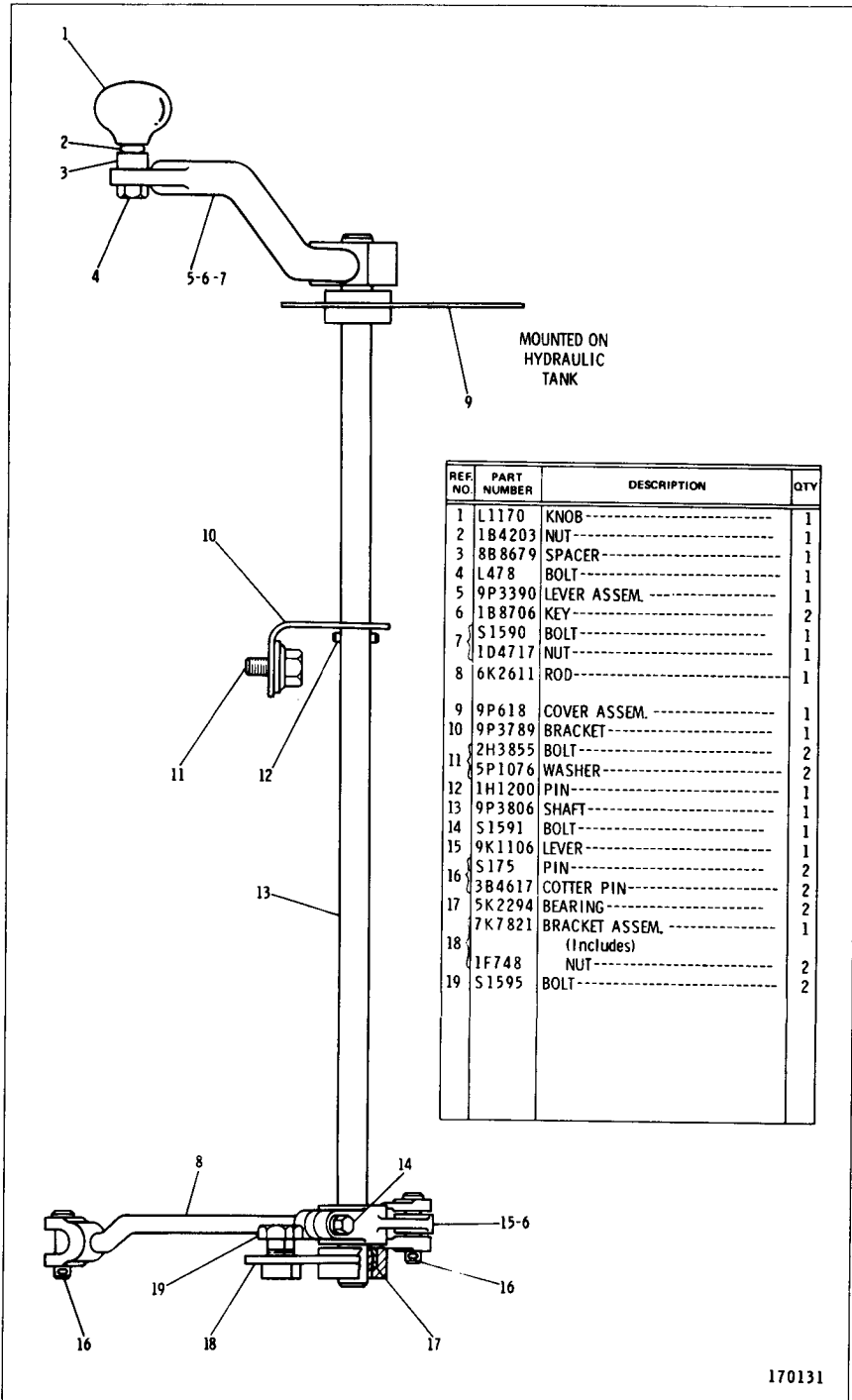
9P5111 HAND CONTROL GROUP—Front and Rear  
Part of 9P1403 Hydraulic Arrangement listed on Page 169  
AN ATTACHMENT

9P5106 HAND CONTROL GROUP—Front  
 Part of 9P1404 Hydraulic Arrangement listed on Page 169  
 AN ATTACHMENT



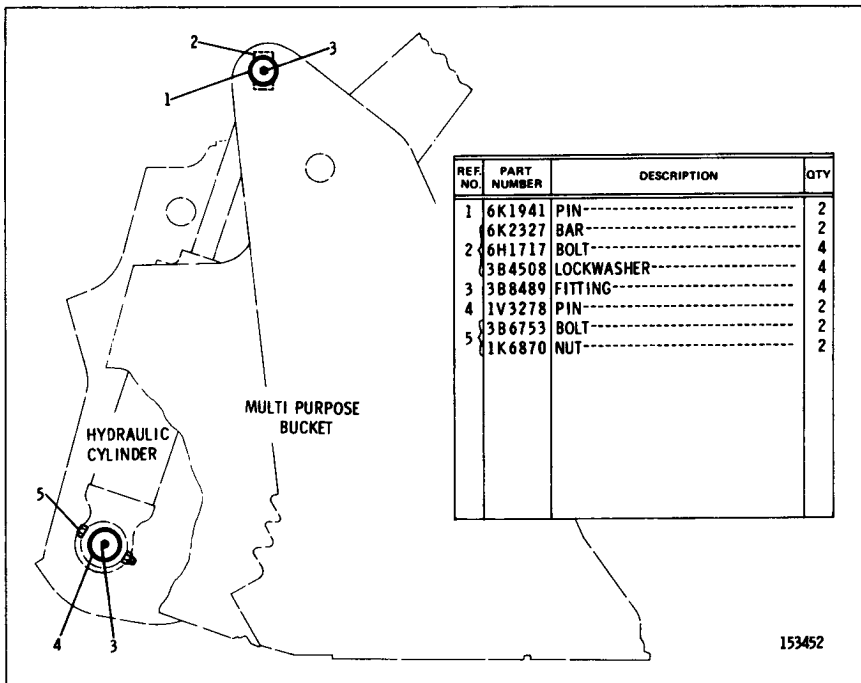
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1B 8704	KEY-----	1
2	4V 152	WASHER-----	1
3	1B 8701	KEY-----	1
4	9P 4725	BRACKET ASSEM.-----	1
5	9P 4985	SHAFT-----	1
6	6K 4442	BALL JOINT ASSEM.-----	2
7	1B 4205	NUT-----	5
8	9P 4726	ROD-----	1
9	4D 4065	ROD END-----	1
10	S 1588	BOLT-----	1
11	1A 2029	BOLT-----	1
12	9P 4724	LEVER ASSEM.-----	1
13	9P 7478	COVER ASSEM.-----	1
		(Includes)	
	9F 2978	NUT-----	1
14	L 1170	HANDLE-----	1
15	S 1595	BOLT-----	3
16	7K 7821	BRACKET ASSEM.-----	1
		(Includes)	
	1F 748	NUT-----	2
18	5K 2294	BEARING-----	1
19	2K 6567	SPACER-----	1
20	6K 2897	ROD-----	1
21	S 175	PIN-----	1
22	3B 4617	COTTER-----	1
23	6D 5974	BEARING-----	2
24	6K 2647	BELLCRANK ASSEM.-----	1
25	9P 4722	LEVER-----	1
26	9P 4723	SHAFT-----	1
27	7K 2135	BEARING-----	2
28	2H 3855	BOLT-----	2
	5P 1076	WASHER-----	2
	4H 3119	PIN-----	1

218225



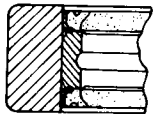
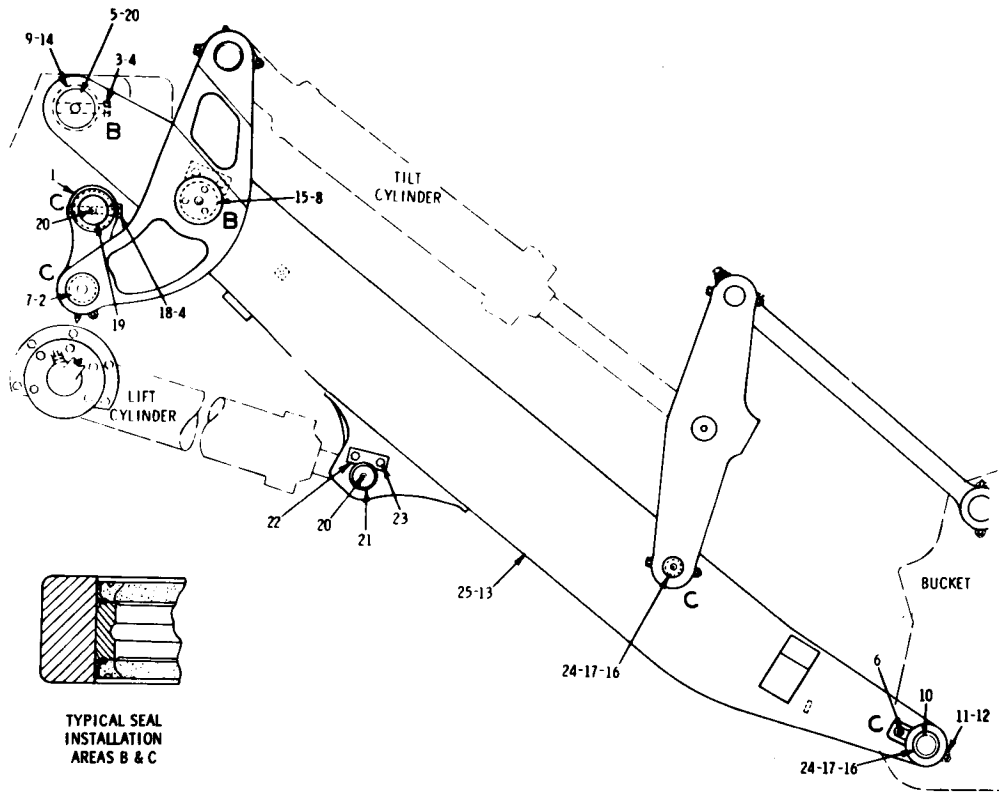
170131

9P5105 HAND CONTROL GROUP—Rear  
 Part of 9P5109 Hydraulic Arrangement listed on Page 169  
 AN ATTACHMENT



153452

1V3682 CYLINDER MOUNTING GROUP  
 Part of 1V3669 Multi-Purpose Bucket Arrangement listed on Page 224  
 AN ATTACHMENT



TYPICAL SEAL  
INSTALLATION  
AREAS B & C

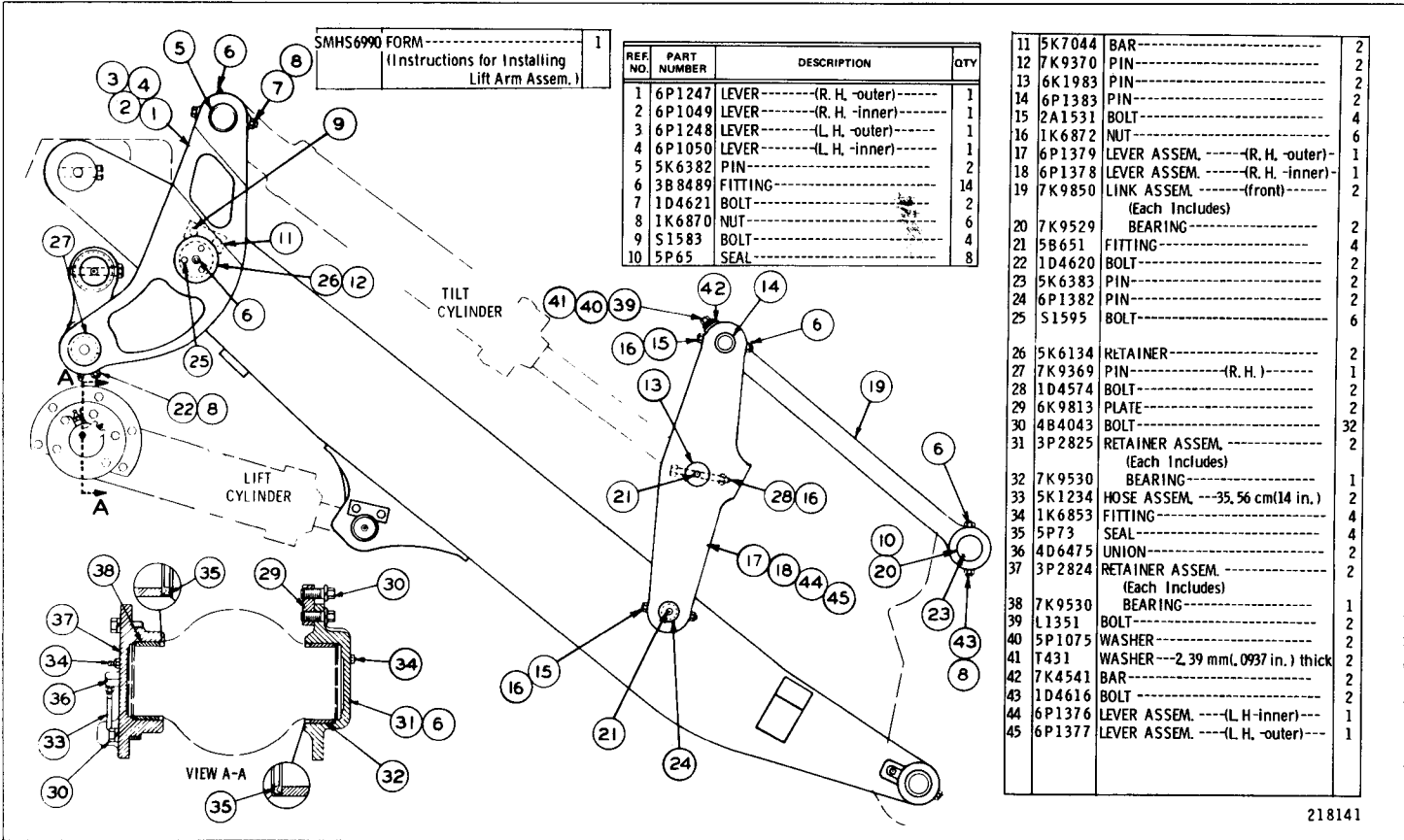
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	7K9489	LINK ASSEM. -----(rear)-----	2
		(Each Includes)	
2	7K9531	BEARING-----	4
	5K7989	RING-----	4
3	1D4623	BOLT-----	2
4	8P7668	BUSHING-----	4
5	8P9658	PIN-----	2
6	3B8489	FITTING-----	2
7	5P66	SEAL-----	8
8	5P68	SEAL-----	4
9	5P67	SEAL-----	4
10	5K6383	PIN-----	2
11	1D4616	BOLT-----	2
12	1K6870	NUT-----	2
13	7G2834	ARM ASSEM.-----	1
		(Includes)	
14	7K9532	BEARING-----	2
15	7K9533	BEARING-----	2
16	7K9528	BEARING-----	8
17	5K7988	RING-----	4
C 18	4J1668	BOLT-----	2
19	8P9657	PIN-----	2
20	5B651	FITTING-----	6
21	7K9371	PIN-----	2
22	6K1143	BAR-----	2
23	S1595	BOLT-----	4
24	5P65	SEAL-----	8
25	7K9227	WASHER----- (use as required)-----	8

C INDICATES CHANGE

169516

8P7753 BUCKET CONTROL GROUP—Part 1

# 8P7753 BUCKET CONTROL GROUP—Part 2



SMHS6990 FORM----- 1  
 (Instructions for Installing  
 Lift Arm Assem.)

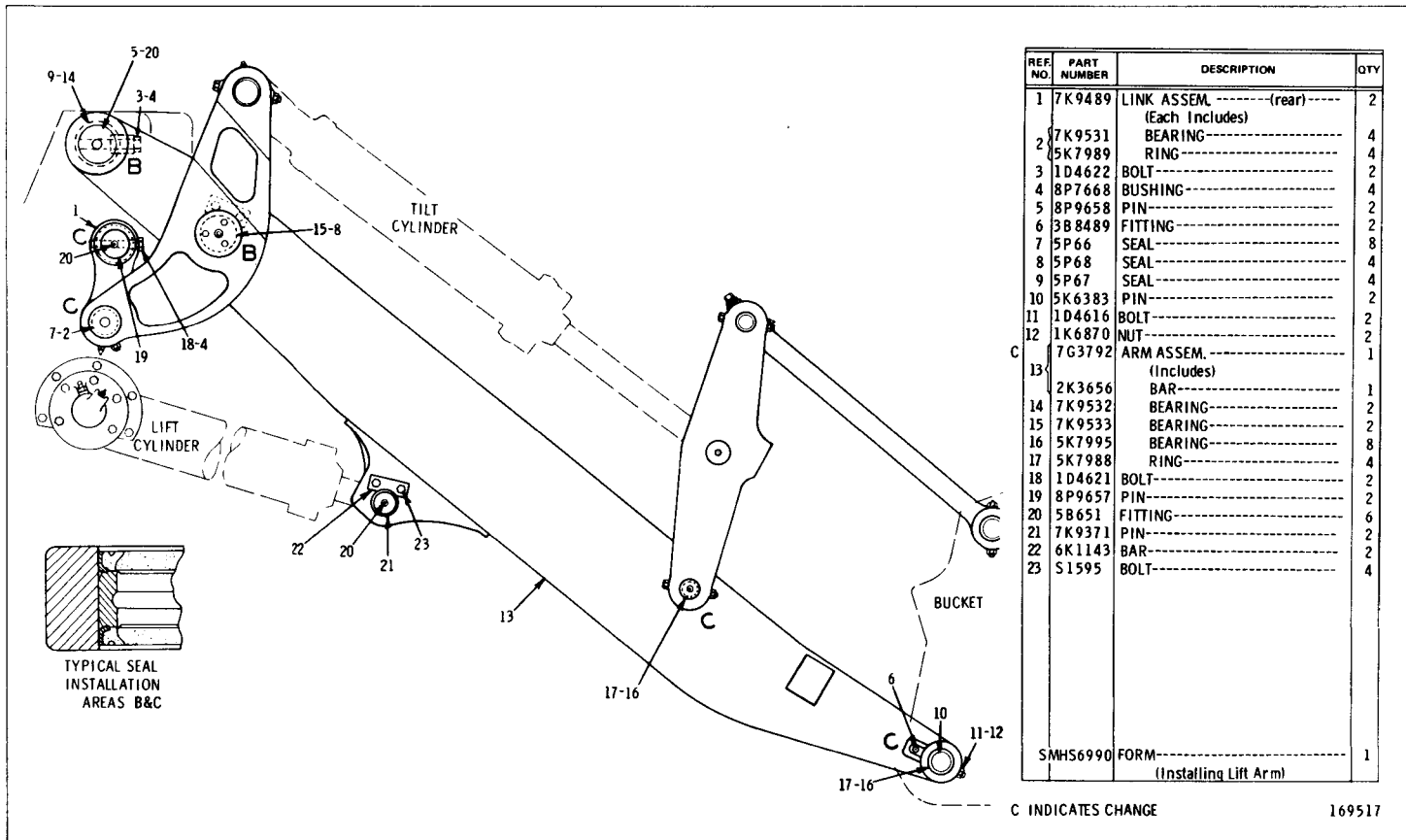
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	6P1247	LEVER----- (R. H. outer)-----	1
2	6P1049	LEVER----- (R. H. inner)-----	1
3	6P1248	LEVER----- (L. H. outer)-----	1
4	6P1050	LEVER----- (L. H. inner)-----	1
5	5K6382	PIN-----	2
6	3B8489	FITTING-----	14
7	1D4621	BOLT-----	2
8	1K6870	NUT-----	6
9	S1583	BOLT-----	4
10	5P65	SEAL-----	8

11	5K7044	BAR-----	2
12	7K9370	PIN-----	2
13	6K1983	PIN-----	2
14	6P1383	PIN-----	2
15	2A1531	BOLT-----	4
16	1K6872	NUT-----	6
17	6P1379	LEVER ASSEM.---- (R. H. outer)-----	1
18	6P1378	LEVER ASSEM.---- (R. H. inner)-----	1
19	7K9850	LINK ASSEM.---- (front)-----	2
(Each Includes)			
20	7K9529	BEARING-----	2
21	5B651	FITTING-----	4
22	1D4620	BOLT-----	2
23	5K6383	PIN-----	2
24	6P1382	PIN-----	2
25	S1595	BOLT-----	6
26	5K6134	RETAINER-----	2
27	7K9369	PIN----- (R. H.)-----	1
28	1D4574	BOLT-----	2
29	6K9813	PLATE-----	2
30	4B4043	BOLT-----	32
31	3P2825	RETAINER ASSEM.-----	2
(Each Includes)			
32	7K9530	BEARING-----	1
33	5K1234	HOSE ASSEM.--- (35.56 cm(14 in.))-----	2
34	1K6853	FITTING-----	4
35	5P73	SEAL-----	4
36	4D6475	UNION-----	2
37	3P2824	RETAINER ASSEM.-----	2
(Each Includes)			
38	7K9530	BEARING-----	1
39	L1351	BOLT-----	2
40	5P1075	WASHER-----	2
41	T431	WASHER--- (2.39 mm(.0937 in.) thick)-----	2
42	7K4541	BAR-----	2
43	1D4616	BOLT-----	2
44	6P1376	LEVER ASSEM.---- (L. H. inner)-----	1
45	6P1377	LEVER ASSEM.---- (L. H. outer)-----	1

218141

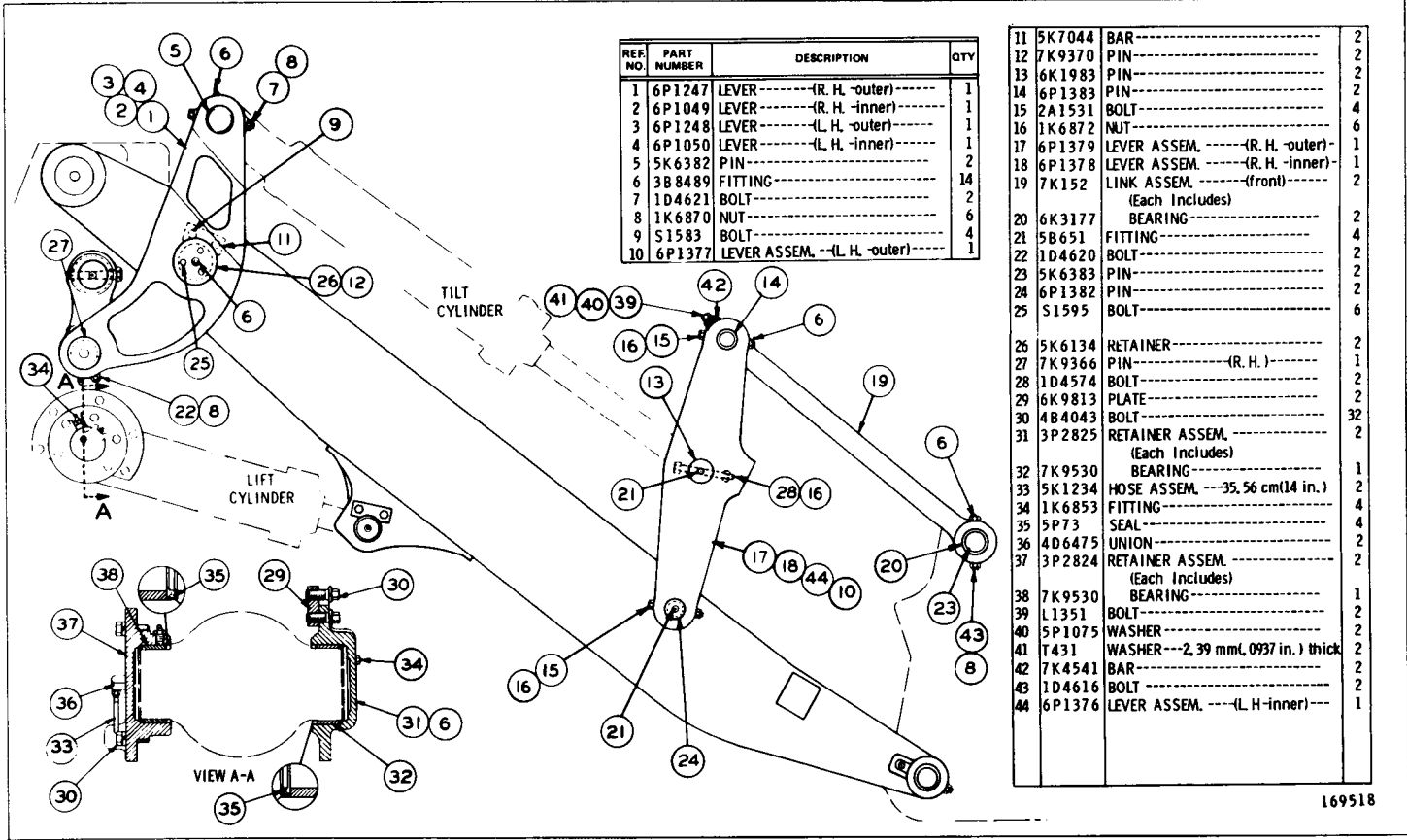
IMPLEMENTS





7G750 BUCKET CONTROL GROUP—Part 1  
 Part of 9P3315 Steel Mill Arrangement listed on Page 142  
 AN ATTACHMENT

7G750 BUCKET CONTROL GROUP—Part 2  
 Part of 9P3315 Steel Mill Arrangement listed on Page 142  
 AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	6P1247	LEVER -----(R. H. -outer)----	1
2	6P1049	LEVER -----(R. H. -inner)----	1
3	6P1248	LEVER -----(L. H. -outer)----	1
4	6P1050	LEVER -----(L. H. -inner)----	1
5	5K6382	NUT -----(R. H. -outer)----	2
6	3B8489	FITTING -----(R. H. -inner)----	14
7	1D4621	BOLT -----(R. H. -outer)----	2
8	1K6870	NUT -----(L. H. -outer)----	6
9	S1583	BOLT -----(L. H. -inner)----	4
10	6P1377	LEVER ASSEM. -----(L. H. -outer)----	1

11	5K7044	BAR -----(R. H. -outer)----	2
12	7K9370	PIN -----(R. H. -inner)----	2
13	6K1983	PIN -----(L. H. -outer)----	2
14	6P1383	PIN -----(L. H. -inner)----	2
15	2A1531	BOLT -----(R. H. -outer)----	4
16	1K6872	NUT -----(L. H. -outer)----	6
17	6P1379	LEVER ASSEM. -----(R. H. -outer)----	1
18	6P1378	LEVER ASSEM. -----(R. H. -inner)----	1
19	7K152	LINK ASSEM. -----(front)----	2
(Each Includes)			
20	6K3177	BEARING -----(R. H. -outer)----	2
21	5B651	FITTING -----(R. H. -inner)----	4
22	1D4620	BOLT -----(L. H. -outer)----	2
23	5K6383	PIN -----(L. H. -inner)----	2
24	6P1382	PIN -----(L. H. -outer)----	2
25	S1595	BOLT -----(L. H. -inner)----	6
26	5K6134	RETAINER -----(R. H. -outer)----	2
27	7K9366	PIN -----(R. H. -inner)----	1
28	1D4574	BOLT -----(L. H. -outer)----	2
29	6K9813	PLATE -----(R. H. -outer)----	2
30	4B4043	BOLT -----(L. H. -inner)----	32
31	3P2825	RETAINER ASSEM. -----(R. H. -outer)----	2
(Each Includes)			
32	7K9530	BEARING -----(R. H. -inner)----	1
33	5K1234	HOSE ASSEM. ---35.56 cm(14 in.)----	2
34	1K6853	FITTING -----(L. H. -outer)----	4
35	5P73	SEAL -----(L. H. -inner)----	4
36	4D6475	UNION -----(L. H. -outer)----	2
37	3P2824	RETAINER ASSEM. -----(L. H. -inner)----	2
(Each Includes)			
38	7K9530	BEARING -----(L. H. -outer)----	1
39	L1351	BOLT -----(L. H. -inner)----	2
40	5P1075	WASHER -----(L. H. -outer)----	2
41	T431	WASHER ---2.39 mm(.0937 in.) thick----	2
42	7K4541	BAR -----(L. H. -inner)----	2
43	1D4616	BOLT -----(L. H. -outer)----	2
44	6P1376	LEVER ASSEM. -----(L. H. -inner)----	1

IMPLEMENTS

169518

CONSISTS OF:			PAGE
1	1V3511	BUCKET GROUP .....	227
2	9J1822	(1V4771) CYLINDER GROUP .....	211
1	1V3682	MOUNTING GROUP .....	219
1	1V3668	LINES GROUP .....	202

1V3669 MULTI-PURPOSE BUCKET ARRANGEMENT—2.06 m<sup>3</sup> (2.75 Yd.<sup>3</sup>)  
2362 mm (93 in.) Wide AN ATTACHMENT

CONSISTS OF:			PAGE
1	1V8901	BUCKET ASSEMBLY .....	231
8	8J4955	TIP GROUP .....	240

1V9390 GENERAL PURPOSE BUCKET GROUP  
AN ATTACHMENT

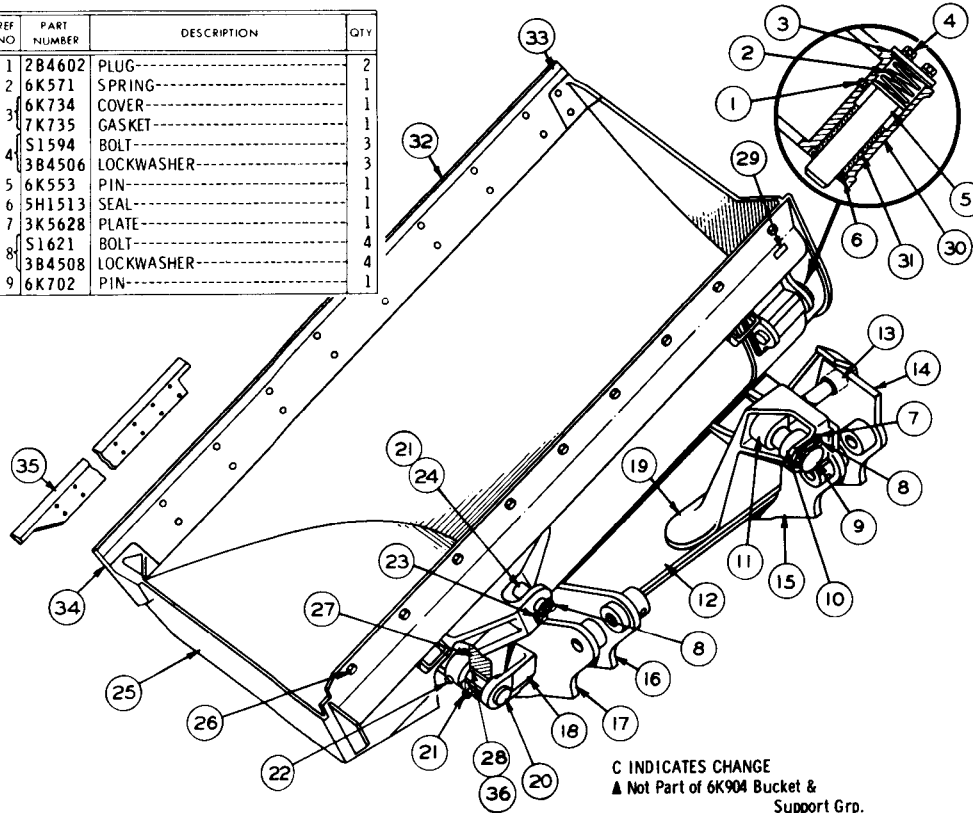
		CONSISTS OF:	PAGE
1	9K3175	SEAL & CYLINDER GROUP .....	212
1	6K904	BUCKET AND SUPPORT GROUP .....	226
1	6K1721	HYDRAULIC LINES GROUP .....	201

**6K707 SIDE DUMP BUCKET ARRANGEMENT  
FOR USE WITH THIRD HYDRAULIC VALVE AND COUNTERWEIGHT  
AN ATTACHMENT**

		CONSISTS OF:	PAGE
1	4V6816	ROCK LOADING BUCKET ASSEMBLY .....	236
8	8J4955	TIP GROUP .....	240

**4V6989 ROCK LOADING BUCKET GROUP—2.29 m<sup>3</sup> (3 Yd.<sup>3</sup>) 2723 mm (107.20 in.) Wide  
AN ATTACHMENT**

REF NO	PART NUMBER	DESCRIPTION	QTY
1	2B4602	PLUG-----	2
2	6K571	SPRING-----	1
3	6K734	COVER-----	1
3	7K735	GASKET-----	1
4	S1594	BOLT-----	3
4	3B4506	LOCKWASHER-----	3
5	6K553	PIN-----	1
6	5H1513	SEAL-----	1
7	3K5628	PLATE-----	1
8	S1621	BOLT-----	4
8	3B4508	LOCKWASHER-----	4
9	6K702	PIN-----	1



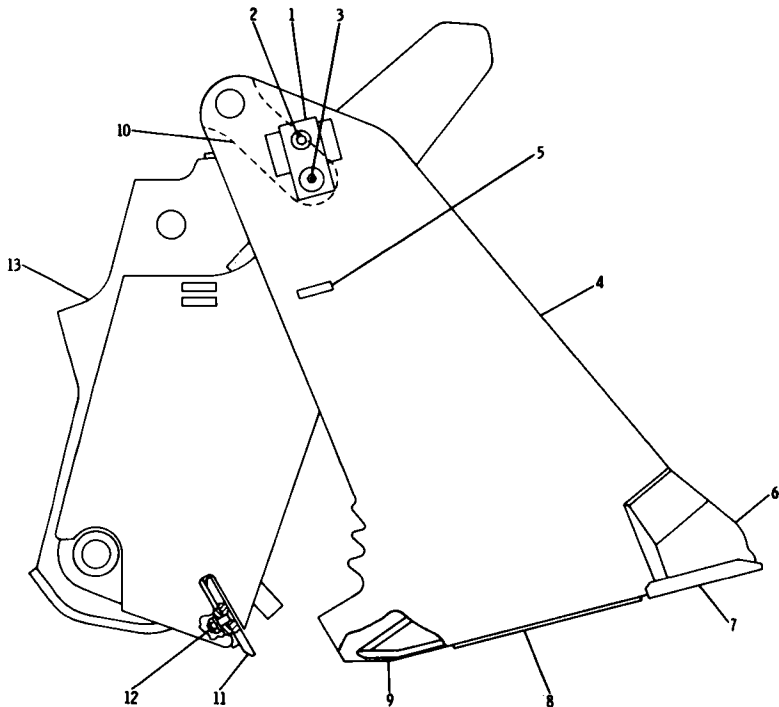
C INDICATES CHANGE  
 ▲ Not Part of 6K904 Bucket & Support Grp.

10	6K320	SPACER-----	1
11	6K813	PIN ASSEM.-----	1
12	6K584	SUPPORT ASSEM.-----	1
13	6K331	BEARING-----	1
14	6K681	HINGE ASSEM. (r. h. upper-outer)	1
14	6K675	HINGE ASSEM. (r. h. lower-outer)	1
15	6K679	HINGE ASSEM. (r. h. upper-inner)	1
15	6K677	HINGE ASSEM. (r. h. lower-inner)	1
16	6K682	HINGE ASSEM. (l. h. upper-inner)	1
16	6K678	HINGE ASSEM. (l. h. lower-inner)	1
17	6K680	HINGE ASSEM. (l. h. upper-outer)	1
17	6K676	HINGE ASSEM. (l. h. lower-outer)	1
18	6K340	BRACKET-----	1
19	6K668	MOUNTING-----	1
20	6K715	PIN-----	2
21	3B8489	FITTING-----	3
21	1D4572	BOLT-----	2
22	1K6872	NUT-----	2
23	2K703	WASHER BAR-----	1
24	6K695	PIN-----	1
25	6K812	BUCKET ASSEM.-----	1
26	1B4331	NUT-----	9
27	6K505	HINGE-----	1
28	9K681	BEARING-----	2
29	2K3656	BAR-----	2
30	6K667	LATCH ASSEM.-----	1
31	6K555	BEARING-----	1
32	6K5728	CUTTING EDGE ASSEM.-----	1
33	5K9099	CORNER (R. H.)-----	1
34	6K379	CORNER (L. H.)-----	1
▲ 35	6K5732	CUTTING EDGE (Field Replacement for Standard Cutting Edge)	1
C 36	7K9205	SEAL-----	4

140442

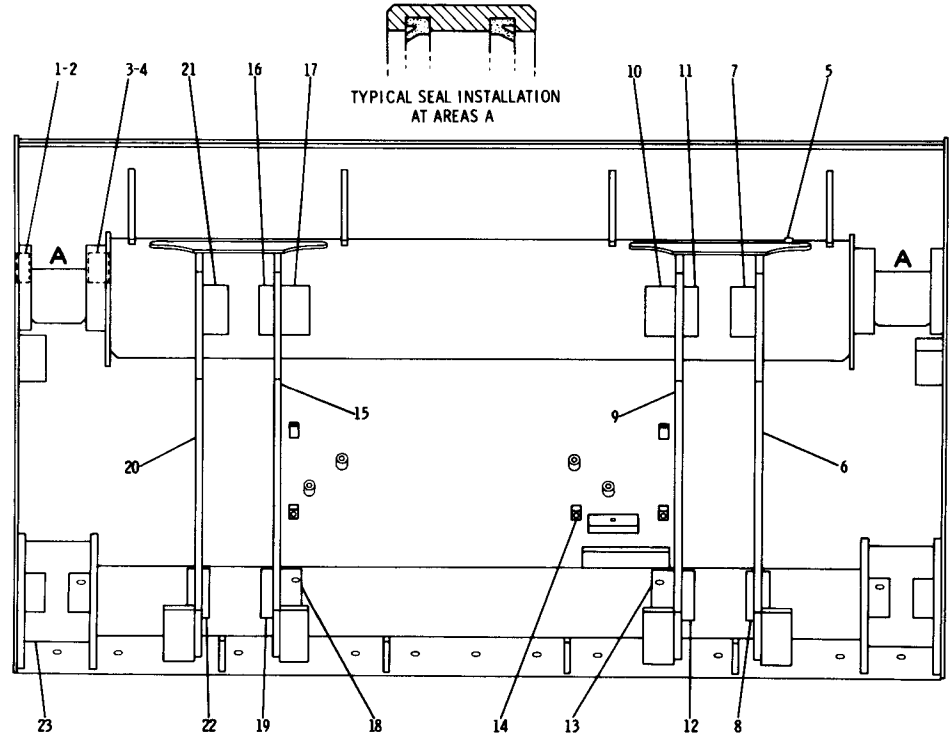
6K904 BUCKET AND SUPPORT GROUP—1.91 m<sup>3</sup> (2.5 Yd.<sup>3</sup>)—2822 mm (111 in.) Wide  
 Part of 6K707 Side Dump Bucket Arrangement listed on Page 225  
 AN ATTACHMENT

1V3511 MULTI-PURPOSE BUCKET GROUP—Nominal Heaped—2.06 m<sup>3</sup> (2.75 Yd.<sup>3</sup>)—2362 mm (93 in.) Wide  
 Part of 1V3669 Multi-Purpose Bucket Arrangement listed on Page 224  
 1V2074 Bulldozer parts are shown on Page 228. AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1V3509	PIN ASSEM.-----	2
2	5K7138	BOLT-----	2
3	3B8489	FITTING-----	2
4	1V1818	BOWL ASSEM.-----	1
		(Includes)	
5	2K3656	BAR-----	1
6	8K7525	CORNER----- (R. H.)-----	1
	8K7526	CORNER----- (L. H.)-----	1
7	8K9499	CUTTING EDGE-----	1
8	1V1811	BAR-----	3
9	1V1812	BAR-----	1
10	6K1963	HINGE-----	2
11	1V3510	CUTTING EDGE-----	1
	5J4773	BOLT-----	15
12	1B4331	NUT-----	15
	3B4512	LOCKWASHER-----	15
13	1V2074	BULLDOZER ASSEM.-----	1
		(Separate Illustration)	

153451

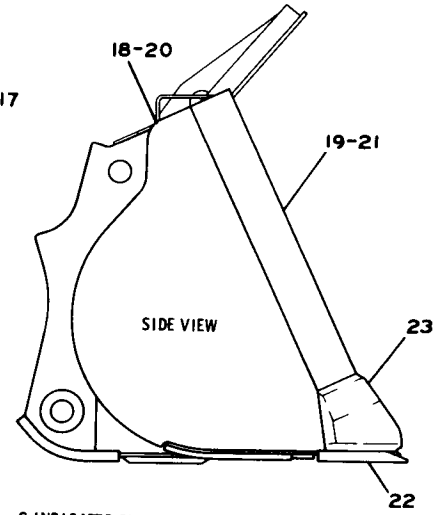
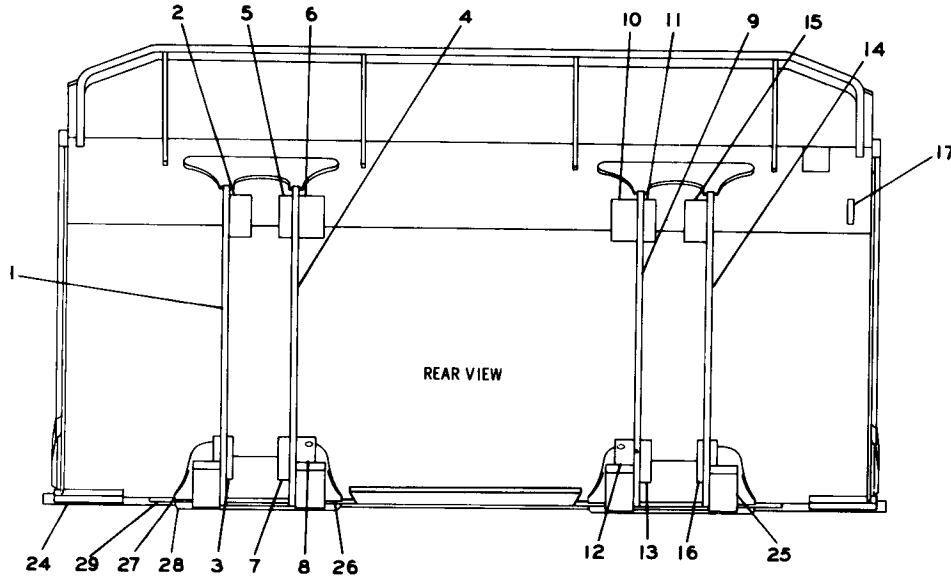


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	9K1299	BEARING ASSEM. ----- (Each Includes):	2
2	9K1261	SEAL -----	2
3	9K1357	BEARING ASSEM. ----- (Each Includes):	2
4	9K1261	SEAL -----	2
5	2K3656	BAR -----	3
6	1V3664	HINGE ASSEM. --- (R. H. - OUTER) --- (Includes)	1
7	3J7021	BOSS -----	1
8	2K4615	BOSS -----	2
9	1V3666	HINGE ASSEM. --- (R. H. - INNER) --- (Includes)	1
10	5K1979	BOSS -----	1
11	1J2315	BOSS -----	1
12	4K4006	BOSS -----	1
13	4K1624	BOSS -----	1
14	9K8591	BLOCK -----	5
15	1V3667	HINGE ASSEM. ----- Includes	1
16	1J2315	BOSS -----	1
17	5K1979	BOSS -----	1
18	4K1624	BOSS -----	1
19	4K4006	BOSS -----	1
20	1V3665	HINGE ASSEM. --- (L. H. - OUTER) --- (Includes)	1
21	3J7021	BOSS -----	1
22	2K4615	BOSS -----	2
23	1V1834	BRACKET ASSEM. -----	2

155823

1V2074 BULLDOZER ASSEMBLY  
Part of 1V3511 Multi-Purpose Bucket Group shown on Page 227  
AN ATTACHMENT

8K9501 GENERAL PURPOSE BUCKET ASSEMBLY—2.06 m<sup>3</sup> (2.75 Yd.<sup>3</sup>) 2489 mm (98 in.) Wide  
AN ATTACHMENT



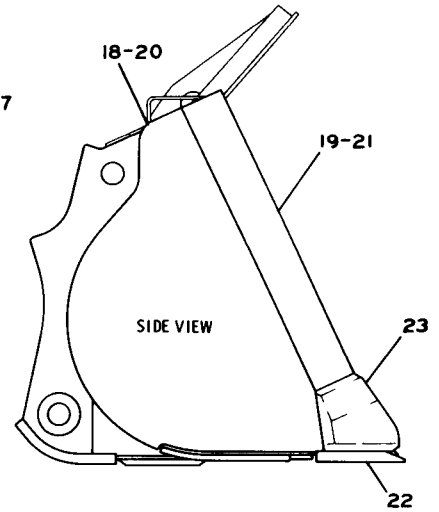
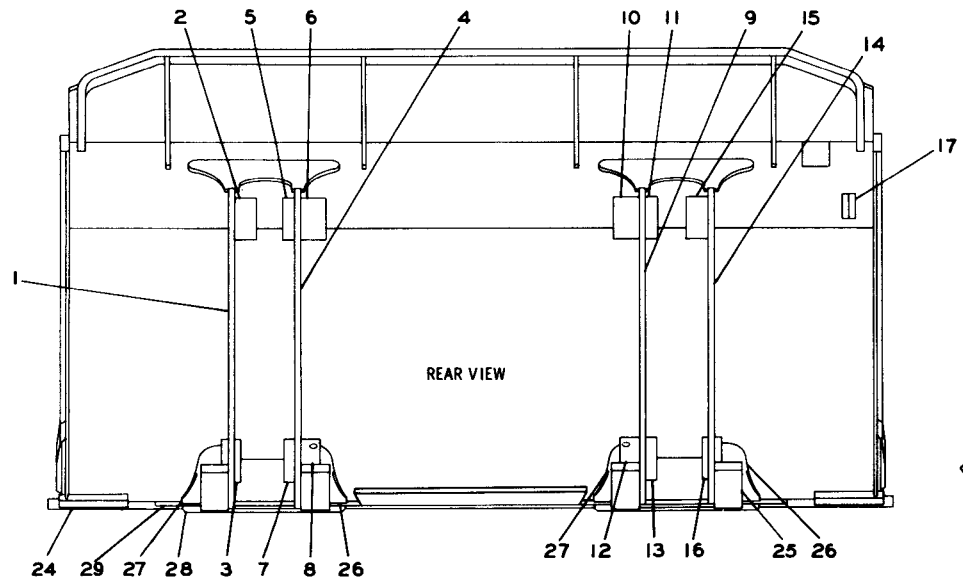
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8K7856	HINGE ASSEM. ---(L. H. -Outer)---	1
2	3J7021	BOSS-----	1
3	2K4615	BOSS-----	2
4	8K7854	HINGE ASSEM. ---(L. H. -Inner)---	1
5	1J2315	BOSS-----	1
6	5K1979	BOSS-----	1
7	4K4006	BOSS-----	1
8	4K1624	BOSS-----	1

9	8K7853	HINGE ASSEM. ---(R. H. -Inner)---	1
10	5K1979	BOSS-----	1
11	1J2315	BOSS-----	1
12	4K1624	BOSS-----	1
13	4K4006	BOSS-----	1
14	8K7855	HINGE ASSEM. ---(R. H. -Outer)---	1
15	3J7021	BOSS-----	1
16	2K4615	BOSS-----	2
17	2K3656	BAR-----	1
18	8K7851	PLATE ASSEM. -----(R. H.)-----	1
19	8K7846	BAR-----	1

C INDICATES CHANGE

20	8K7852	PLATE ASSEM. -----(L. H.)-----	1
21	8K7846	BAR-----	1
22	8K9499	CUTTING EDGE-----	1
23	8K7525	CORNER----- (R. H.)-----	1
	8K7526	CORNER----- (L. H.)-----	1
24	8K7847	PLATE-----	2
C 25	9K8121	BAR-----	4
26	4K5971	PLATE----- (R. H.)-----	2
27	4K5972	PLATE----- (L. H.)-----	2
28	8K7845	PLATE-----	2
154970 C 29	9K8240	PLATE-----	2





REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8K7856	HINGE ASSEM. ---(L. H. -Outer)---	1
2	3J7021	BOSS	1
3	2K4615	BOSS	2
4	8K7854	HINGE ASSEM. ---(L. H. -Inner)---	1
5	1J2315	BOSS	1
6	5K1979	BOSS	1
7	4K4006	BOSS	1
8	4K1624	BOSS	1

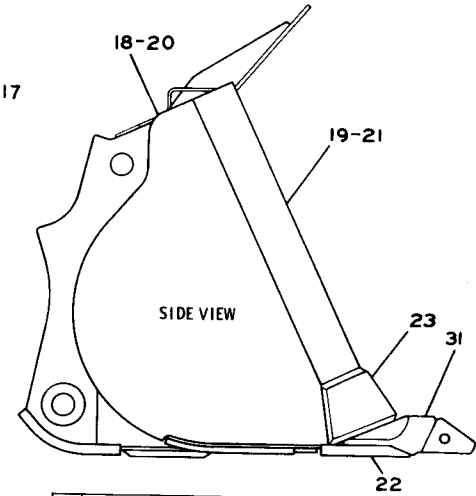
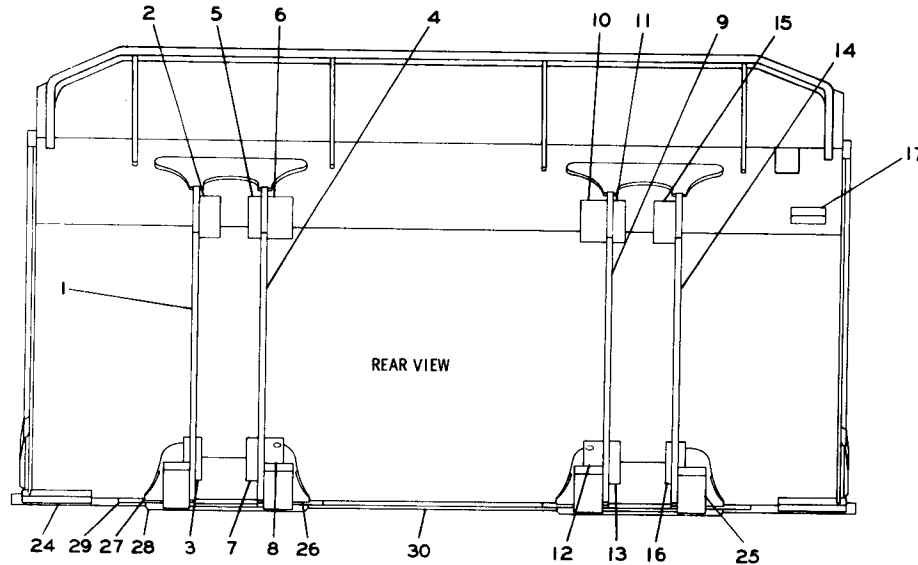
9	8K7853	HINGE ASSEM. ---(R. H. -Inner)---	1
10	5K1979	BOSS	1
11	1J2315	BOSS	1
12	4K1624	BOSS	1
13	4K4006	BOSS	1
14	8K7855	HINGE ASSEM. ---(R. H. -Outer)---	1
15	3J7021	BOSS	1
16	2K4615	BOSS	2
17	2K3656	BAR	2
18	8K7851	PLATE ASSEM. --- (R. H.) ---	1
19	8K7846	BAR	1

159565

20	8K7852	PLATE ASSEM. --- (L. H.) ---	1
21	8K7846	BAR	1
22	2V7536	CUTTING EDGE	1
23	8K7525	CORNER --- (R. H.) ---	1
	8K7526	CORNER --- (L. H.) ---	1
24	8K7847	PLATE	2
25	9K8121	BAR	4
26	4K5971	PLATE --- (R. H.) ---	2
27	4K5972	PLATE --- (L. H.) ---	2
28	8K7845	PLATE	2
29	9K8240	PLATE	2

2V5683 GENERAL PURPOSE BUCKET ASSEMBLY—2.46 m<sup>3</sup> (3.25 Yd.<sup>3</sup>) 2862 mm (112.75 in.) Wide  
 Part of 9P5233 Wide Gauge Track Loader Arrangement listed on Page 143  
 AN ATTACHMENT

1V8901 GENERAL PURPOSE BUCKET ASSEMBLY  
 Part of 1V9390 General Purpose Bucket Group listed on Page 224  
 AN ATTACHMENT

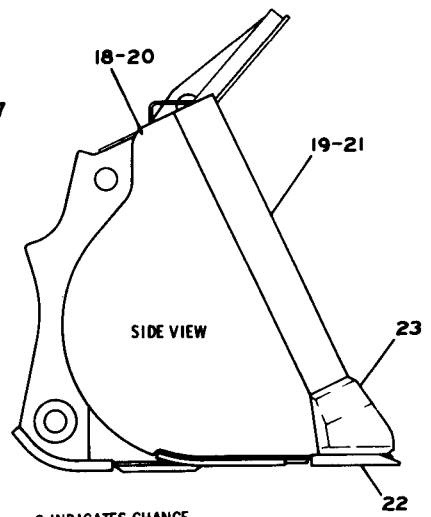
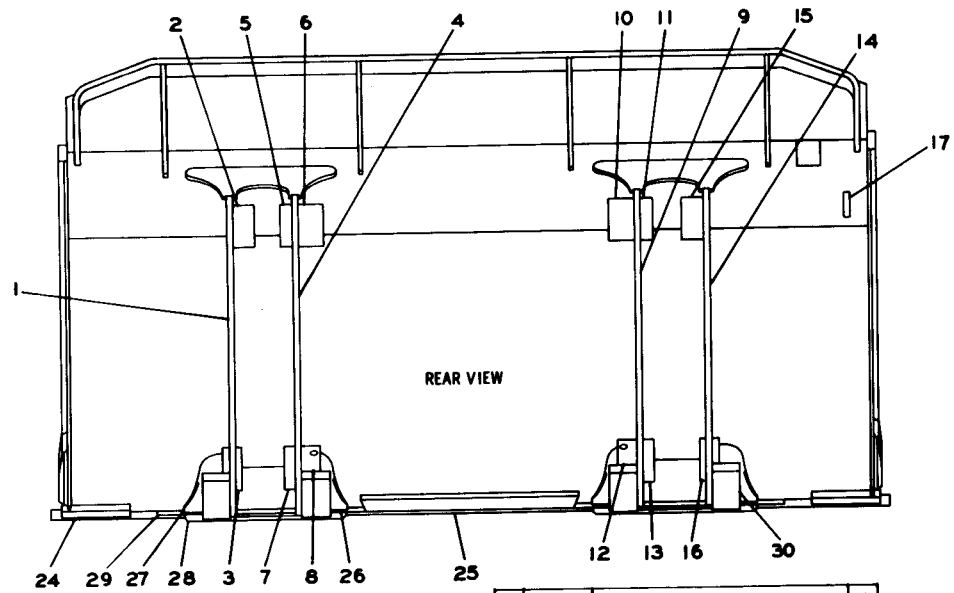


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8K7856	HINGE ASSEM. --- (L. H. -outer)---	1
2	3J7021	BOSS	1
3	2K4615	BOSS	2
4	8K7854	HINGE ASSEM. --- (L. H. -inner)---	1
5	1J2315	BOSS	1
6	5K1979	BOSS	1
7	4K4006	BOSS	1
8	4K1624	BOSS	1

9	8K7853	HINGE ASSEM. --- (R. H. -inner)---	1
10	5K1979	BOSS	1
11	1J2315	BOSS	1
12	4K1624	BOSS	1
13	4K4006	BOSS	1
14	8K7855	HINGE ASSEM. --- (R. H. -outer)---	1
15	3J7021	BOSS	1
16	2K4615	BOSS	2
17	2K3656	BAR	2
18	8K7975	PLATE ASSEM. --- (R. H. )---	1
19	8K7974	PLATE	1

20	8K7976	PLATE ASSEM. --- (L. H. )---	1
21	8K7974	PLATE	1
22	9K8472	CUTTING EDGE	1
23	1V8664	CORNER	2
24	8K7977	PLATE	2
25	9K8121	BAR	4
26	4K5971	PLATE --- (R. H. )	2
27	4K5972	PLATE --- (L. H. )	2
28	8K7845	PLATE	2
29	9K8122	PLATE	2
30	8K7978	PLATE	1
31	9J4354	ADAPTER	8

A12 L. CAMPBELL



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8K7856	HINGE ASSEM. ---(L. H. -Outer)---	1
2	3J7021	BOSS-----	1
3	2K4615	BOSS-----	2
4	8K7854	HINGE ASSEM. ---(L. H. -Inner)---	1
5	1J2315	BOSS-----	1
6	5K1979	BOSS-----	1
7	4K4006	BOSS-----	1
8	4K1624	BOSS-----	1

9	8K7853	HINGE ASSEM. --- (R. H. -Inner) ---	1
10	5K1979	BOSS-----	1
11	1J2315	BOSS-----	1
12	4K1624	BOSS-----	1
13	4K4006	BOSS-----	1
14	8K7855	HINGE ASSEM. --- (R. H. -Outer) ---	1
15	3J7021	BOSS-----	1
16	2K4615	BOSS-----	2
17	2K3656	BAR-----	1
18	8K7975	PLATE ASSEM. --- (R. H. ) ---	1
19	8K7974	BAR-----	1

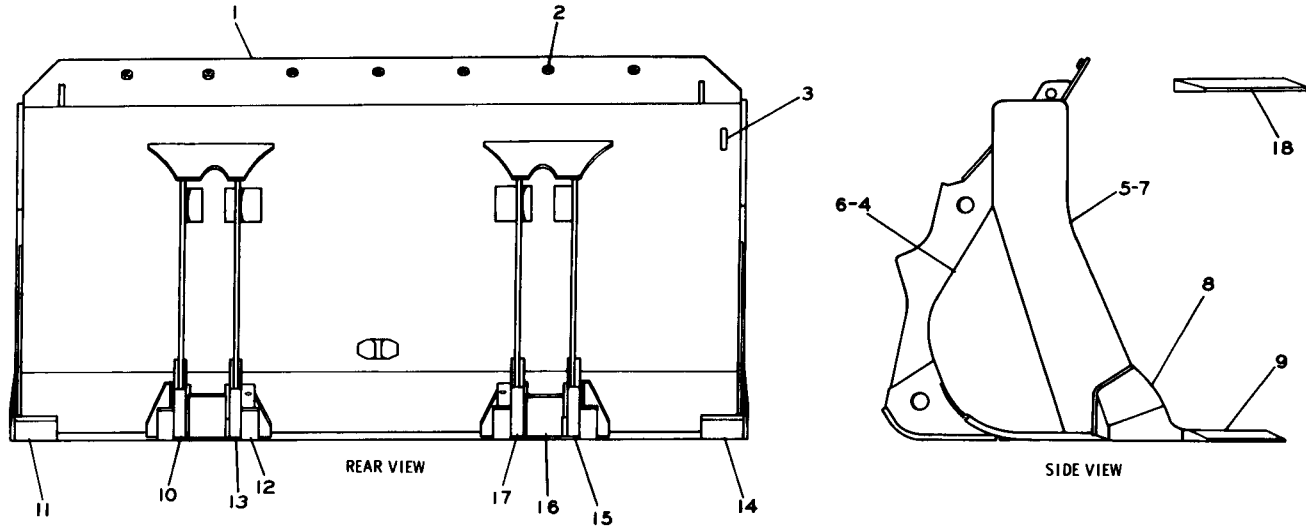
C INDICATES CHANGE

20	8K7976	PLATE ASSEM. --- (L. H. ) ---	1
21	8K7974	BAR-----	1
22	8K9499	CUTTING EDGE-----	1
23	8K7525	CORNER --- (R. H. ) ---	1
	8K7526	CORNER --- (L. H. ) ---	1
24	8K7977	PLATE-----	2
25	8K7978	PLATE-----	1
26	4K5971	PLATE --- (R. H. ) ---	2
27	4K5972	PLATE --- (L. H. ) ---	2
28	8K7845	PLATE-----	2
C 29	9K8122	PLATE-----	2
C 30	9K8121	BAR-----	4

119404

8K9500 LOOSE MATERIAL BUCKET ASSEMBLY—2.46 m<sup>3</sup> (3.25 Yd.<sup>3</sup>) 2489 mm (98 in.) Wide AN ATTACHMENT

6K594 ROCK LOADING BUCKET ASSEMBLY—2.29 m<sup>3</sup> (3 Yd.<sup>3</sup>) 2654 mm (104.50 in.) Wide—Replaced by 4V6817—shown on Page 234  
AN ATTACHMENT

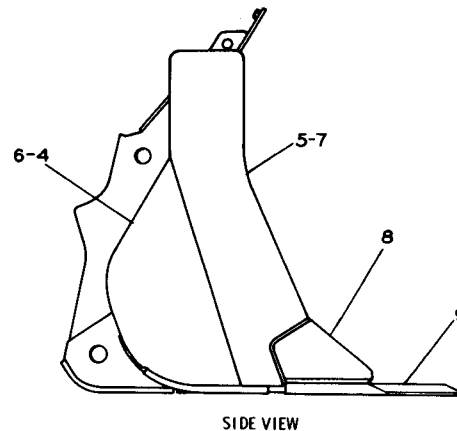
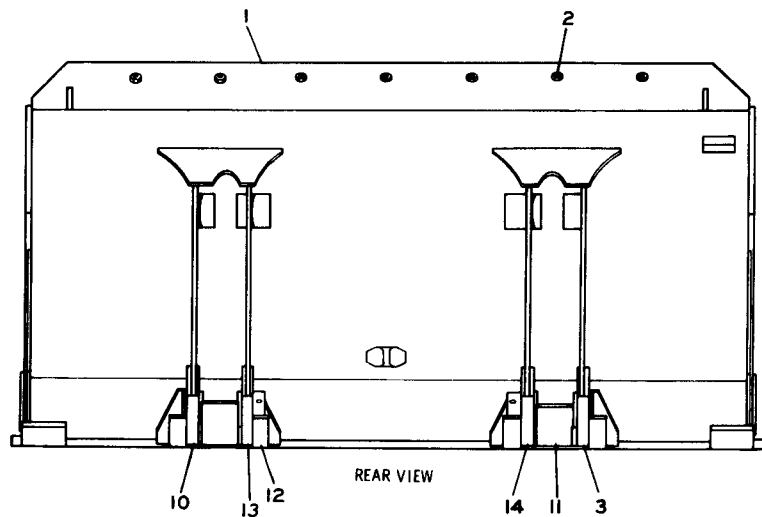


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	6K610	PLATE-----	1
2	1B4331	NUT-----	7
3	2K3656	BAR-----	1
4	6K2023	PLATE ASSEM.----(Right Hand)---	1
5	6K603	PLATE (Part of 6K2023 Assem.)	1
6	6K2024	PLATE ASSEM.----(Left Hand)---	1
7	6K604	PLATE (Part of 6K2024 Assem.)	1

C	8	6K5255	CUTTING EDGE ASSEM.-----	1
		7K1160	CUTTING EDGE-----	1
		4K9757	CORNER----- (R. H.)-----	1
	9	4K9758	CORNER----- (L. H.)-----	1
		6K600	HINGE ASSEM.---(L. H. Outer)---	1
		6K264	BAR----- (L. H.)-----	4
		6K605	BAR-----	4
		6K602	HINGE ASSEM.---(L. H. Inner)---	1

	14	6K263	BAR----- (Right Hand)-----	1
	15	6K599	HINGE ASSEM. - (Right Hand Outer) -	1
	16	6K606	PLATE-----	2
	17	6K601	HINGE ASSEM. - (Right Hand Inner) -	1
▲	18	6K7032	CUTTING EDGE-----	1
		FEO35705	FORM (Instructions for installing Cutting Edge Group)	1

▲ FIELD REPLACEMENT-NOT PART OF 6K594 ASSEM.  
C INDICATES CHANGE A6 L. CAMPBELL



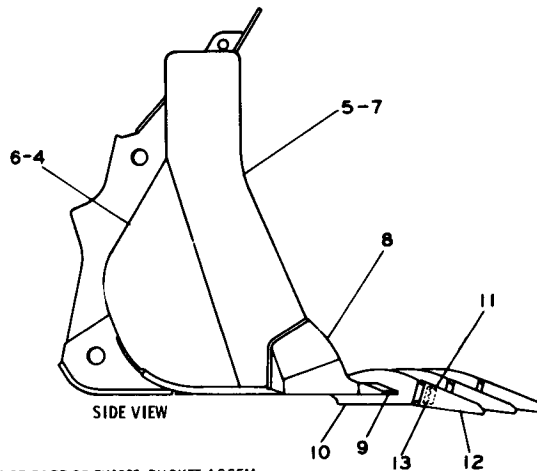
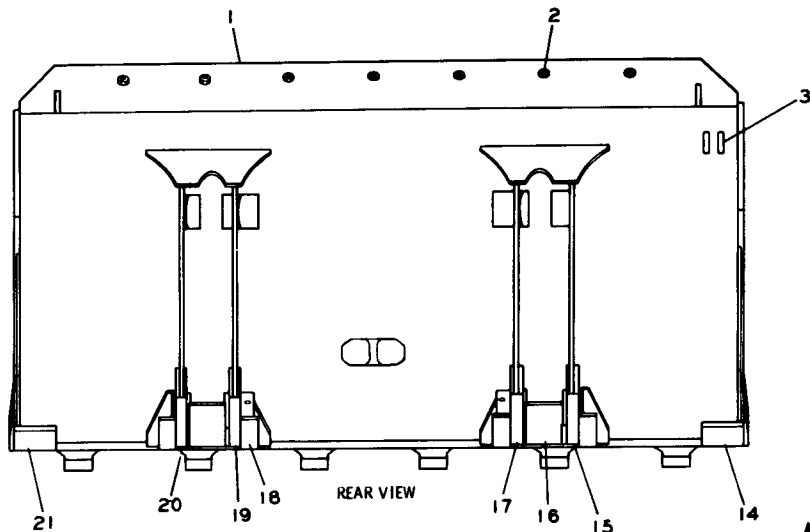
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	6 K 610	PLATE-----	1
2	1 B 4331	NUT-----	7
3	6 K 599	HINGE ASSEM.---(R. H. -outer)---	1
4	6 K 2023	PLATE ASSEM.---(R. H. )----- (Includes)	1
5	6 K 603	PLATE-----	1
6	6 K 2024	PLATE ASSEM.---(L. H. )----- (Includes)	1
7	6 K 604	PLATE-----	1

8	4V6812	CORNER-----	2
9	4V6814	CUTTING EDGE-----	1
10	6 K 600	HINGE ASSEM.---(L. H. -outer)---	1
11	6 K 606	PLATE-----	2
12	6 K 605	BAR-----	4
13	6 K 602	HINGE ASSEM.---(L. H. -inner)---	1
14	6 K 601	HINGE ASSEM.---(R. H. -inner)---	1

218754

4V6817 ROCK LOADING BUCKET ASSEMBLY—2.29 m<sup>3</sup> (3'Yd.<sup>3</sup>) 2723 mm (107.20 in.) Wide  
WITHOUT TEETH. AN ATTACHMENT

7K1085 ROCK LOADING BUCKET GROUP (7K1030 N/S)—2.29 m<sup>3</sup> (3 Yd.<sup>3</sup>) 2654 mm (104.50 in.) Wide  
WITH TEETH AND DOUBLE STRAP ADAPTER. AN ATTACHMENT



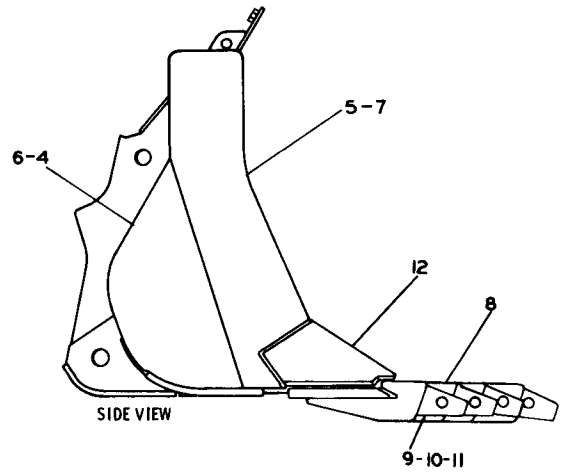
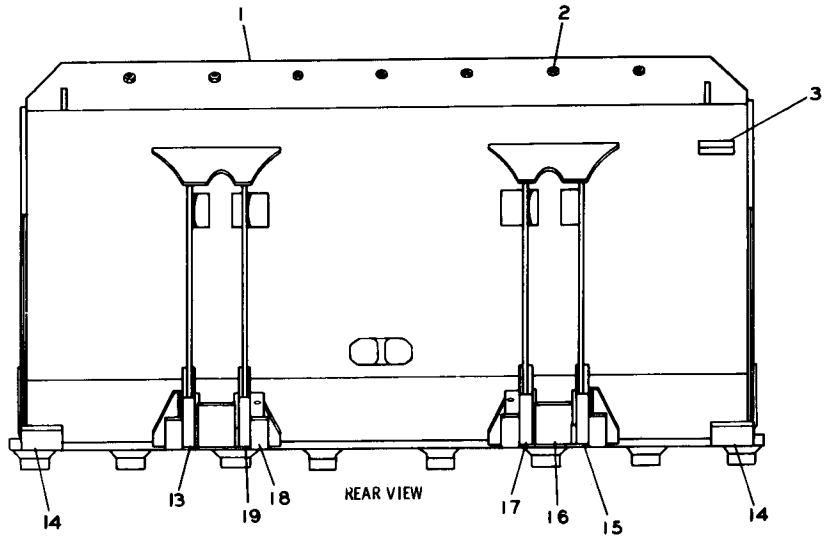
▲ NOT PART OF 7K1085 BUCKET ASSEM.

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	6K610	PLATE-----	1
2	1B4331	NUT-----	7
3	2K3656	BAR-----	2
4	6K2023	PLATE ASSEM. ---(R. H.)---	1
		(Includes)	
5	6K603	PLATE-----	1
6	6K2024	PLATE ASSEM. ---(L. H.)---	1
		(Includes)	
7	6K604	PLATE-----	1

	7K1009	CUTTING EDGE ASSEM. -----	1
		(Includes)	
8	4K9757	CORNER --- (R. H.) ---	1
	4K9758	CORNER --- (L. H.) ---	1
9	7K1160	CUTTING EDGE-----	1
10	6K7850	ADAPTER-----	6
▲ 11	4K6	PLUG-----	6
▲ 12	6K7228	TIP-----	6
▲ 13	4K33	PIN-----	6

14	6K263	BAR----- (R. H.)-----	1
15	6K599	HINGE ASSEM. --- (R. H. - Outer) ---	1
16	6K606	PLATE-----	2
17	6K601	HINGE ASSEM. --- (R. H. - Inner) ---	1
18	6K605	BAR-----	4
19	6K602	HINGE ASSEM. --- (L. H. - Inner) ---	1
20	6K600	HINGE ASSEM. --- (L. H. - Outer) ---	1
21	6K264	BAR----- (L. H.)-----	1

218752



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	6K610	PLATE-----	1
2	1B4331	NUT-----	7
3	2K3656	BAR-----	2
4	6K2023	PLATE ASSEM.-----(R. H.)----	1
		(Includes)	
5	6K603	PLATE-----	1
6	6K2024	PLATE ASSEM.-----(L. H.)----	1
		(Includes)	
7	6K604	PLATE-----	1

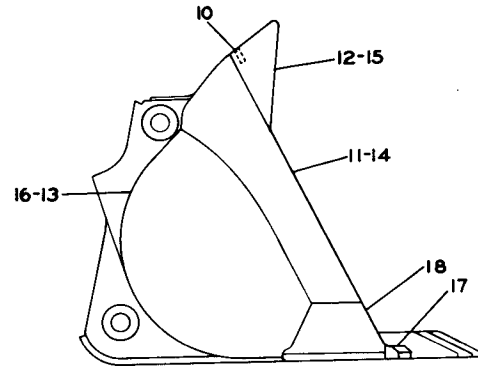
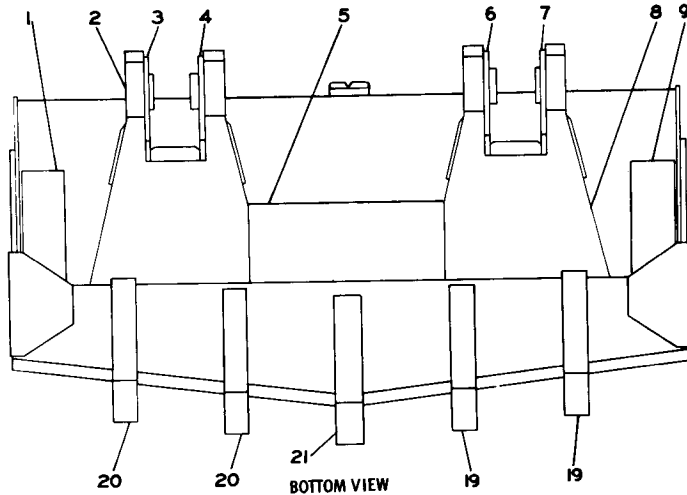
8	4V6815	CUTTING EDGE ASSEM.-----	1
		(Includes)	
9	9J4295	ADAPTER------(R. H.)----	3
10	9J4296	ADAPTER------(L. H.)----	3
11	9J4297	ADAPTER-----	2
12	4V6813	CORNER-----	2
13	6K600	HINGE ASSEM.-----(L. H. -Outer)--	1

14	4V6811	BAR-----	2
15	6K599	HINGE ASSEM.-----(R. H. -Outer)--	1
16	6K606	PLATE-----	2
17	6K601	HINGE ASSEM.-----(R. H. -Inner)--	1
18	6K605	BAR-----	4
19	6K602	HINGE ASSEM.-----(L. H. -Inner)--	1

218753

4V6816 ROCK LOADING BUCKET ASSEMBLY—2.29 m<sup>3</sup> (3 Yd.<sup>3</sup>) 2723 mm (107.20 in.) Wide  
 WITH TEETH AND DOUBLE STRAP ADAPTERS  
 Part of 4V6989 Rock Loading Bucket Arrangement listed on Page 225  
 AN ATTACHMENT

6K500 SLAG BUCKET ASSEMBLY—191 m<sup>3</sup> (2.5 Yd.<sup>3</sup>) 2451 mm (96.5 in.) Wide  
AN ATTACHMENT



SIDE VIEW

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	6K476	PLATE------(L. H.)-----	1
2	6K294	PLATE-----	4
3	6K296	HINGE ASSEM. --(L. H.-Outer)---	1
4	6K312	HINGE ASSEM. --(L. H.-Inner)---	1
5	6K327	PLATE-----	1
6	6K311	HINGE ASSEM. --(R. H.-Inner)---	1
7	6K295	HINGE ASSEM. --(R. H.-Outer)---	1
8	6K587	PLATE-----	2
9	6K475	PLATE------(R. H.)-----	1

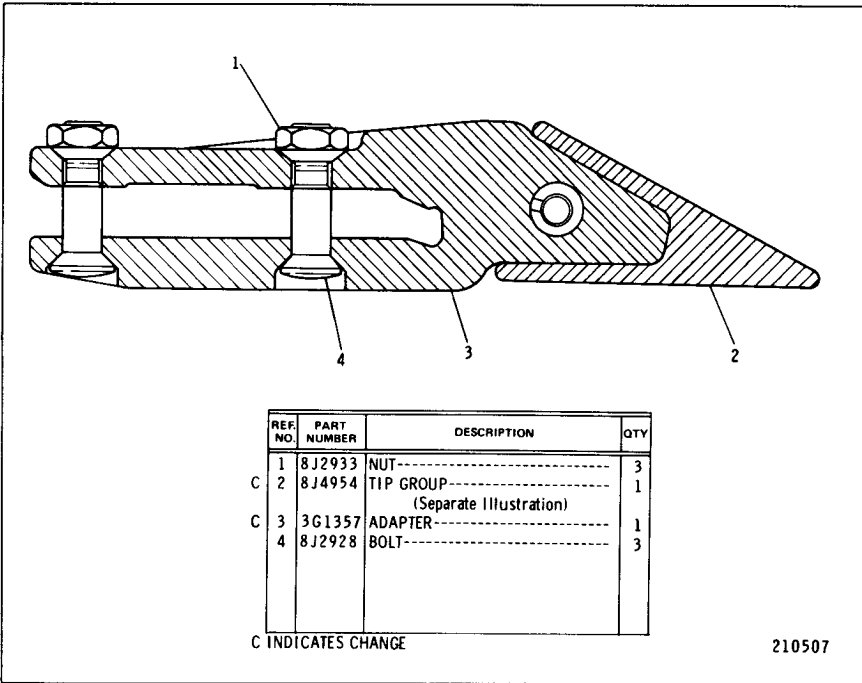
10	2K3656	BAR-----	1
11	6K1437	PLATE ASSEM.-----	1
11	5K7307	PLATE------(R. H.)---	1
12	4K4341	PLATE-----	1
13	5K7309	PLATE-----	1
14	6K1438	PLATE ASSEM.-----	1
14	5K7308	PLATE------(L. H.)---	1
15	4K4341	PLATE-----	1
16	5K7309	PLATE-----	1

17	5K455	EDGE ASSEM.-----	1
17	5K443	EDGE-----	1
18	5K164	CORNER-----	2
19	6K203	TOOTH------(R. H.)---	2
20	6K204	TOOTH------(L. H.)---	2
21	2K202	TOOTH------(Center)---	1

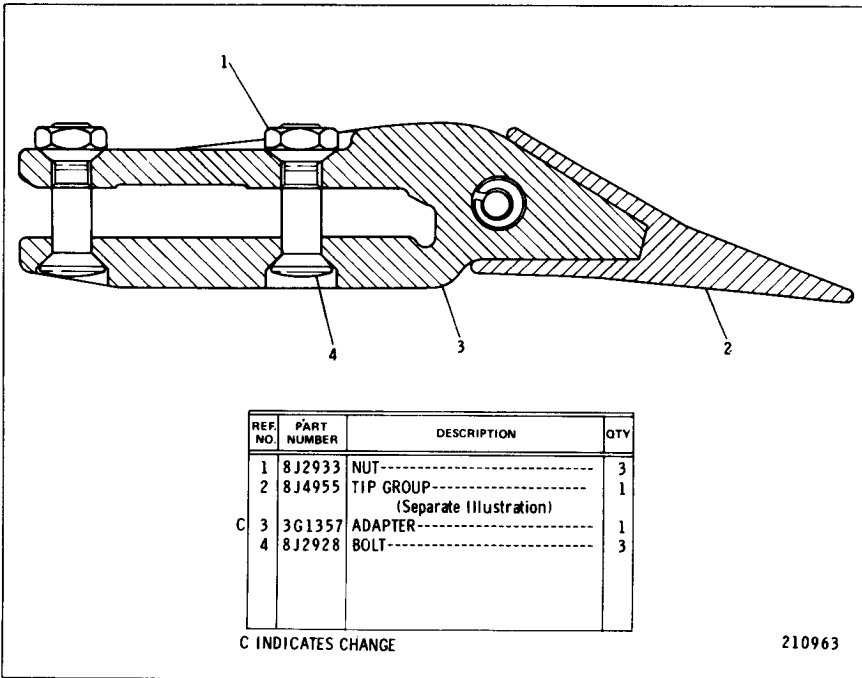
119401



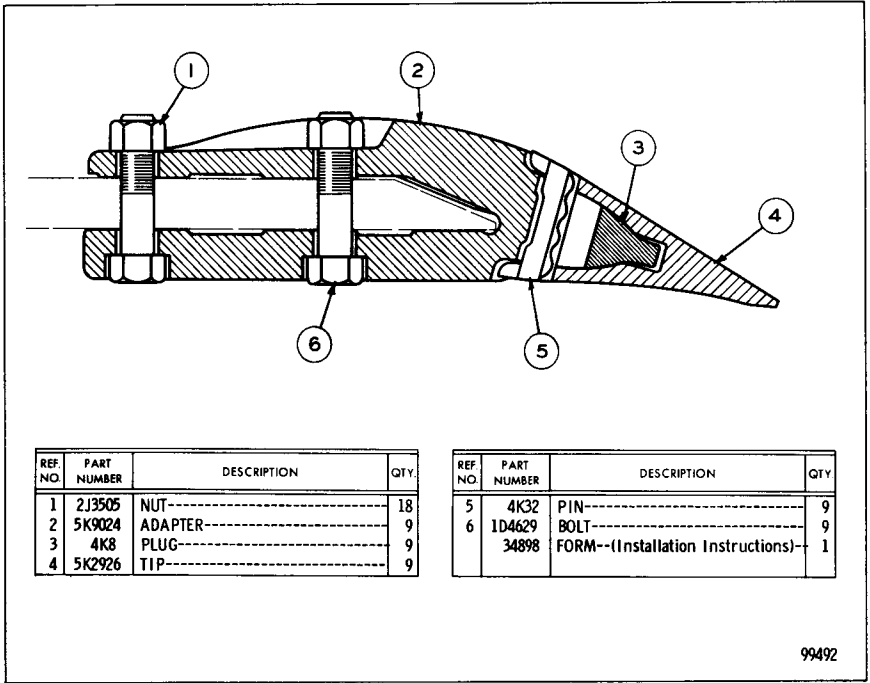
CATERPILLAR 977L TRACK LOADER



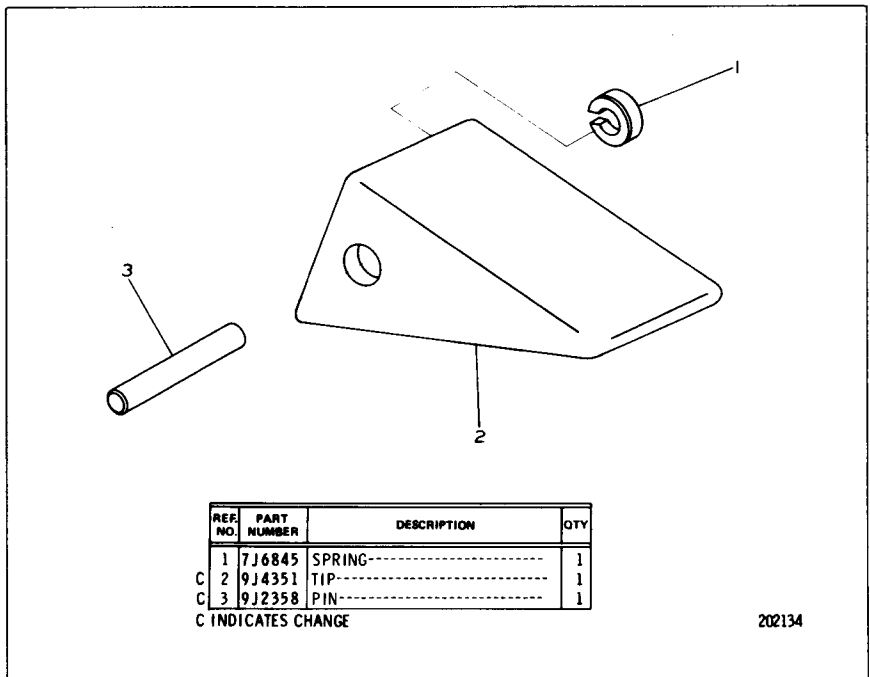
9J2747 TOOTH GROUP—Short Tip—7 Required  
 FOR USE WITH 8K9501 AND 8K9500 BUCKET ASSEMBLIES SHOWN ON PAGES  
 229 & 232. 8J4954 Tip parts are shown on Page 239. AN ATTACHMENT



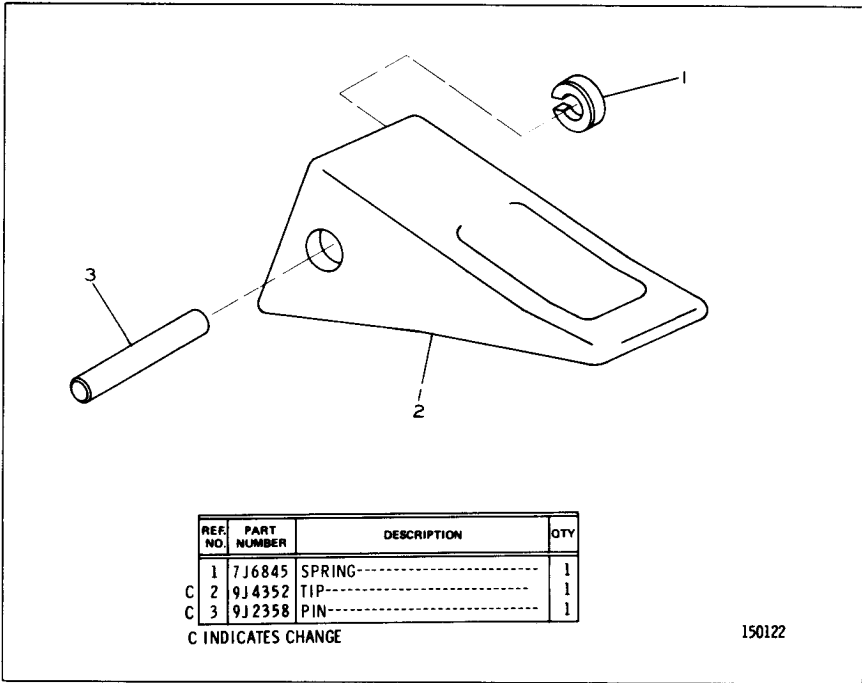
9J2746 TOOTH GROUP—Long Tip—7 Required  
 FOR USE WITH 8K9500 AND 8K9501 BUCKET ASSEMBLIES SHOWN ON PAGES  
 229 & 232. 8J4955 Tip parts are shown on Page 240. AN ATTACHMENT



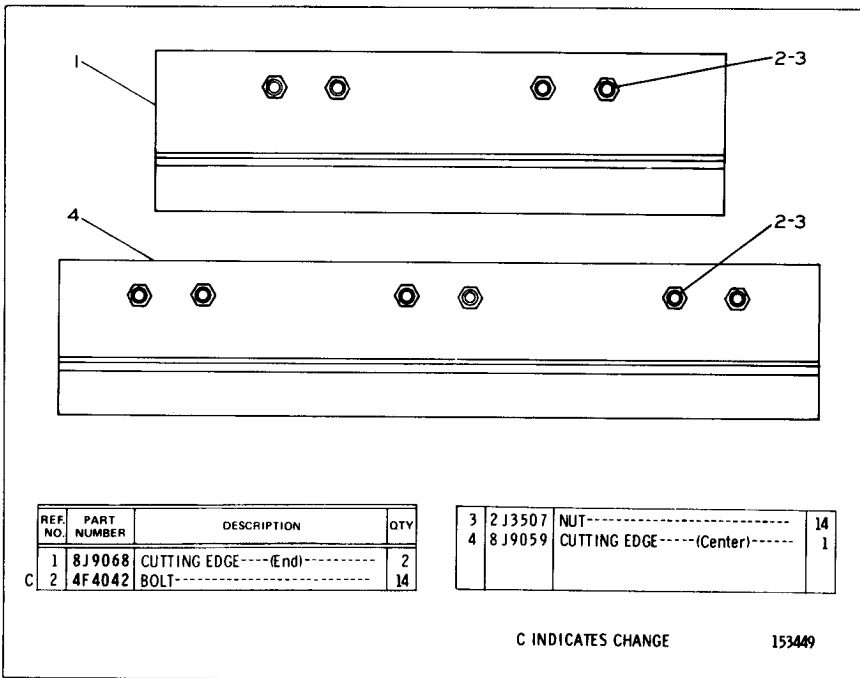
6K1340 TOOTH GROUP—Short Tip  
FOR USE WITH GENERAL PURPOSE AND SIDE DUMP BUCKETS  
AN ATTACHMENT



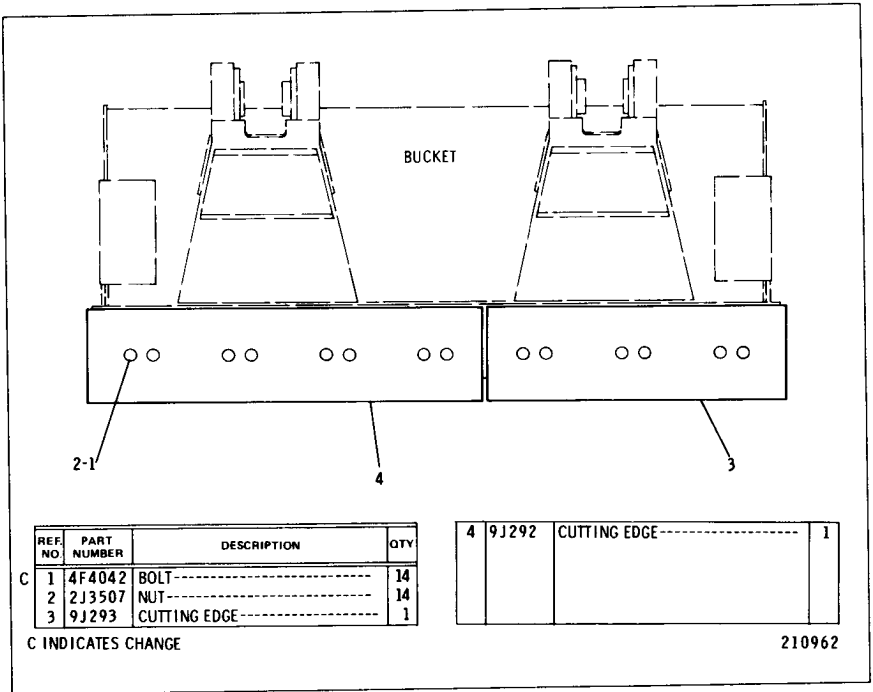
8J4954 TIP GROUP—Short Tip—Extreme Service  
Part of 9J2747 Tooth Group shown on Page 238  
AN ATTACHMENT



8J4955 TIP GROUP—Long Tip—Standard  
 Part of 1V9390 General Purpose Bucket Group, 4V6989 Rock Loading Bucket Group and 9J2746 Tooth Group shown on Pages 224, 225 and 238. AN ATTACHMENT



8J9062 CUTTING EDGE GROUP  
 FOR USE WITH 8K9501 AND 8K9500 BUCKET ASSEMBLIES SHOWN ON PAGES 229 AND 232. CANNOT BE USED WITH 8J3354 FLUSH MOUNTED ADAPTERS AN ATTACHMENTS



**9J289 CUTTING EDGE GROUP**

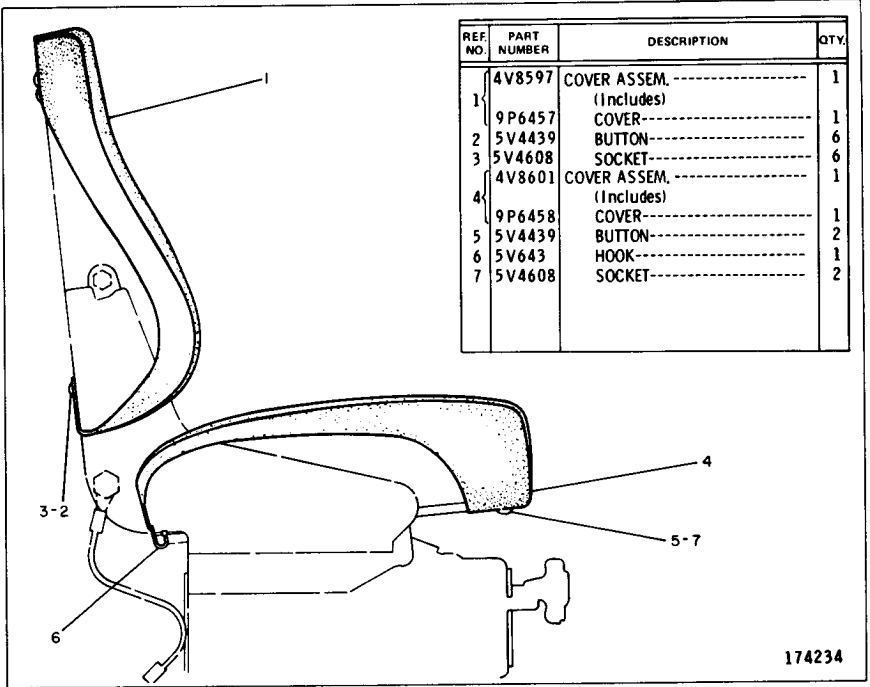
Provides bolt-on cutting edge. FOR USE WITH 8K9501 AND 8K9500 BUCKET ASSEMBLIES SHOWN ON PAGES 229 AND 232. AN ATTACHMENT

CONSISTS OF:

- 1 9P6457 COVER--BACK
- 1 9P6458 COVER--SUSPENSION SEAT

**4V9830 SEAT COVER GROUP**

FOR USE WITH 3V8252 SEAT GROUP SHOWN ON PAGES 243C AND 243D AN ATTACHMENT

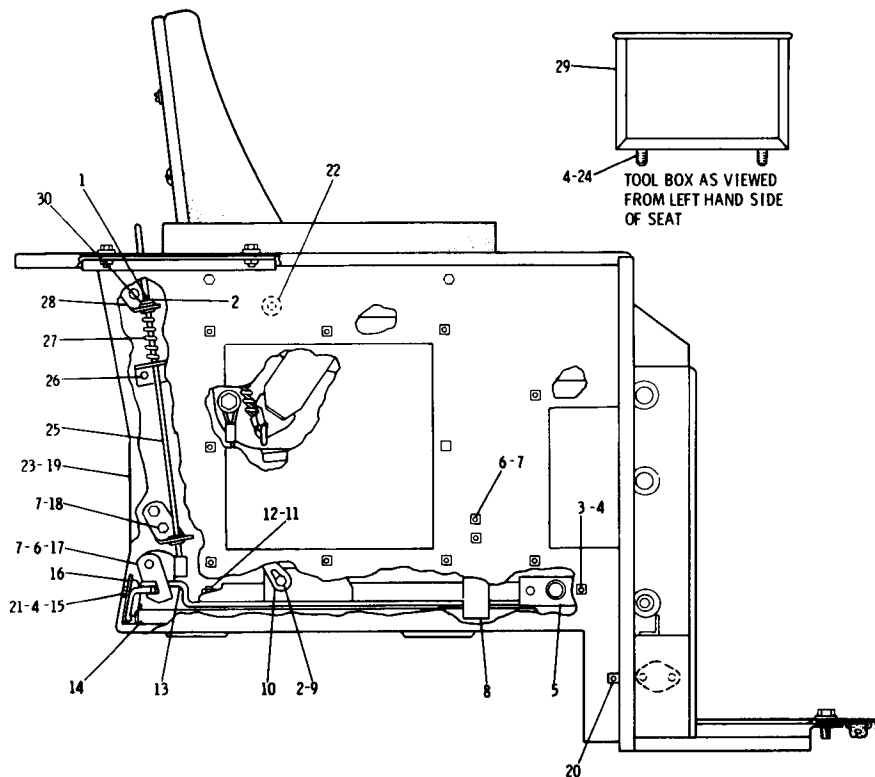


174234

4V9830 SEAT COVER GROUP—Type 2  
 FOR USE WITH 3V8252 SEAT GROUP SHOWN ON Pages 243C AND 243D  
 AN ATTACHMENT



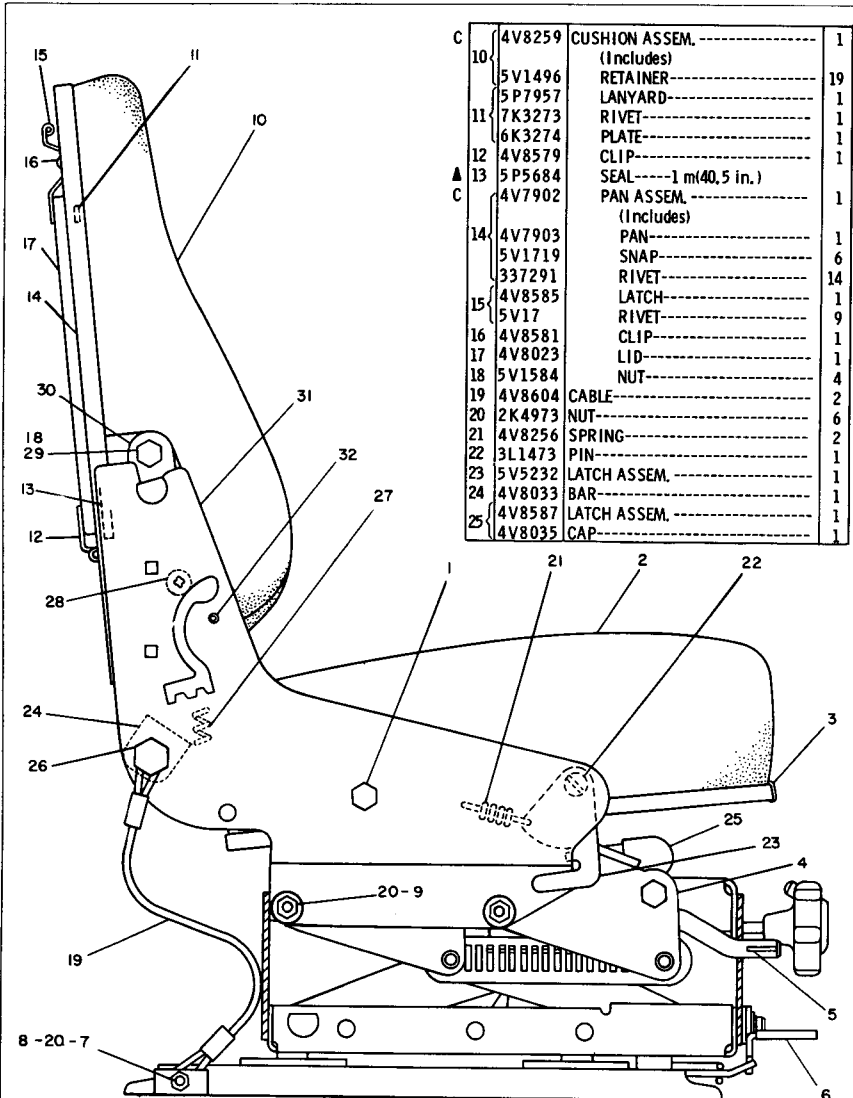
7G2311 SUPPORT AND SEAT GROUP—Part 2



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	3B4610	COTTER PIN-----	1
2	4B5269	WASHER-----	1
3	1A2029	BOLT-----	4
4	5P1075	WASHER-----	11
5	8P9660	PLATE-----	2
6	S1615	BOLT-----	8
7	5P4115	WASHER-----	12
8	8P9666	SPRING-----	2
8	8P9669	PLATE-----	2
9	310214	BOLT-----	1
10	9P4696	CABLE ASSEM.-----	1
11	2K4973	LOCKNUT-----	4
12	5M2894	WASHER-----	4
13	8P9668	PLATE ASSEM.-----	1
13	8P9659	PLATE ASSEM.-----	1
14	(Includes)	SEAL-----2.2 m (87 in.)	
15	1D4717	NUT-----	3
16	8P9680	BRACKET-----	1
17	8P9675	LATCH ASSEM.-----	1
18	2A762	BOLT-----	4
18	8P8324	PLATFORM ASSEM.-----	1
19	(Includes)	LUG-----	1
20	9F2978	NUT----- (weld)	59
21	7M7794	STUD-----	3
22	5B1983	BOSS-----	1
23	9F6445	NUT----- (weld)	8
24	L1351	BOLT-----	4
25	8P9677	ROD ASSEM.-----	1
26	6K1756	PLUG-----	2
27	8J438	SPRING-----	1
28	8P9676	BRACKET-----	2
28	2D9535	GROMMET-----	2
29	7G318	BOX ASSEM.-----	1
30	4B4277	WASHER-----	2

▲ ORDER BY THE METRE

218284



C	10	4V8259	CUSHION ASSEM. -----	1
			(Includes)	
		5V1496	RETAINER-----	19
		5P7957	LANYARD-----	1
	11	7K3273	RIVET-----	1
		6K3274	PLATE-----	1
	12	4V8579	CLIP-----	1
	13	5P5684	SEAL-----1 m(40,5 in.)	1
▲	C	4V7902	PAN ASSEM.-----	1
			(Includes)	
	14	4V7903	PAN-----	1
		5V1719	SNAP-----	6
		337291	RIVET-----	14
	15	4V8585	LATCH-----	1
		5V17	RIVET-----	9
	16	4V8581	CLIP-----	1
	17	4V8023	LID-----	1
	18	5V1584	NUT-----	4
	19	4V8604	CABLE-----	2
	20	2K4973	NUT-----	6
	21	4V8256	SPRING-----	2
	22	3L1473	PIN-----	1
	23	5V5232	LATCH ASSEM.-----	1
	24	4V8033	BAR-----	1
	25	4V8587	LATCH ASSEM.-----	1
		4V8035	CAP-----	1

REF. NO.	PART NUMBER	DESCRIPTION	QTY.	
1	5P2566	BOLT-----	2	
	4V8586	SPACER-----	2	
2	4V8594	CUSHION ASSEM. -----	1	
		(Includes)		
		CLIP-----	1	
C	4	4V8599	ADJUSTER GROUP-----	1
		(Separate Illustration)		
5	4V7896	CAP-----	1	
6	4V7865	CAP-----	1	
7	5S7379	BOLT-----	2	
8	4V8605	SPACER-----	2	
C	9	4B4278	WASHER-----	4

	26	4V8034	BOLT-----	2
		5V1499	NUT-----	2
		4B4281	WASHER-----16 mm(.625 in.)bolt--	2
		4B4280	WASHER-----18 mm(.50 in.)bolt--	2
	27	4V8031	SPRING-----	2
		5V1498	LOCKNUT-----	2
	28	8M3267	SCREW-----	2
	29	5M3062	BOLT-----	2
	30	4V7904	PLATE ASSEM. ----- (R. H.)	1
		4V7908	PLATE ASSEM. ----- (L. H.)	1
		4V8029	BRACKET ASSEM. ----- (R. H.)	1
	31	4V8026	BRACKET ASSEM. ----- (L. H.)	1
			(Includes)	
	32	1A2036	PIN-----	1

▲ ORDER BY THE METER

C INDICATES CHANGE

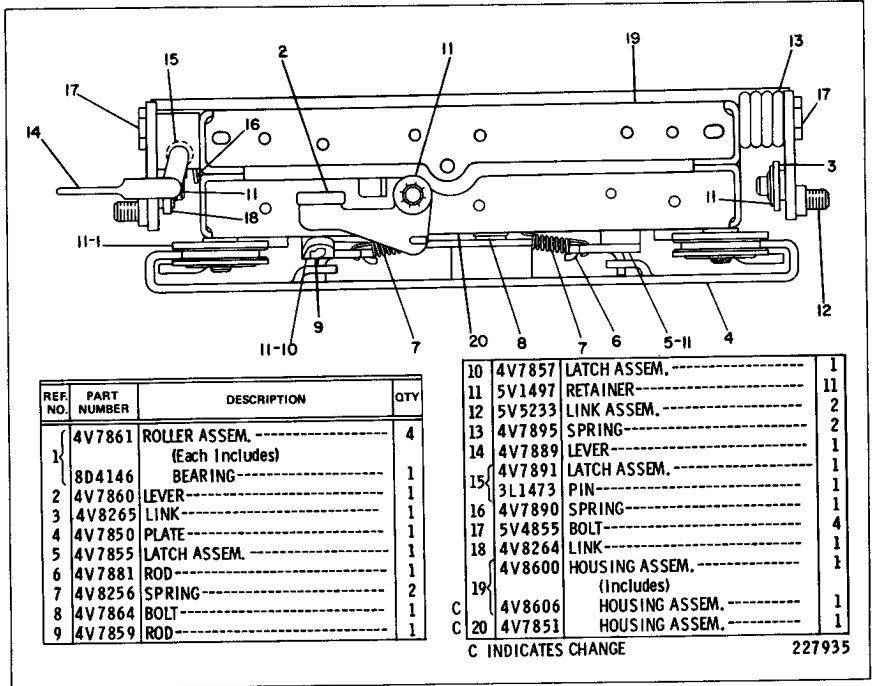
227936

7P5719 ADJUSTABLE SEAT GROUP

Part of 7G2311 Support and Seat Group shown on Page 242

4V8599 Adjuster parts are shown on Page 243B





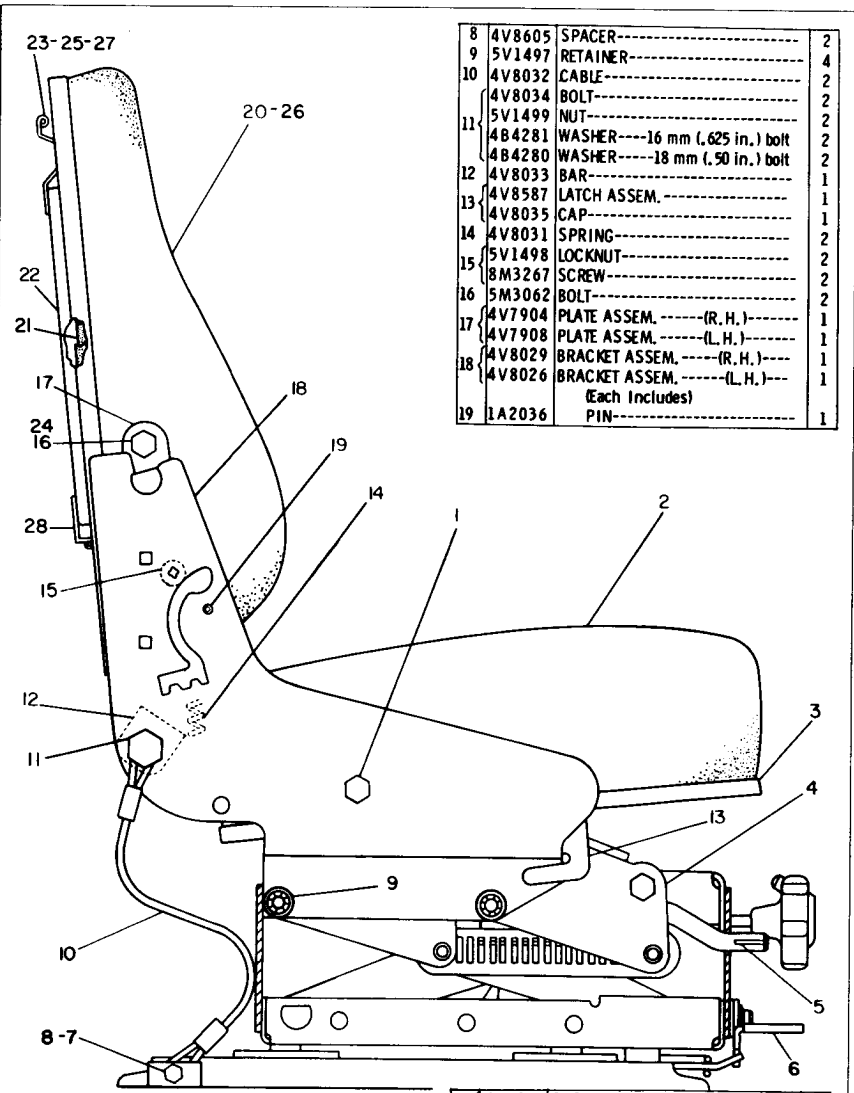
REF NO.	PART NUMBER	DESCRIPTION	QTY
1	4V7861	ROLLER ASSEM. -----	4
	(Each Includes)		
	8D4146	BEARING-----	1
2	4V7860	LEVER-----	1
3	4V8265	LINK-----	1
4	4V7850	PLATE-----	1
5	4V7855	LATCH ASSEM. -----	1
6	4V7881	ROD-----	1
7	4V8256	SPRING-----	2
8	4V7864	BOLT-----	1
9	4V7859	ROD-----	1

10	4V7857	LATCH ASSEM. -----	1
11	5V1497	RETAINER-----	11
12	5V5233	LINK ASSEM. -----	2
13	4V7895	SPRING-----	2
14	4V7889	LEVER-----	1
15	4V7891	LATCH ASSEM. -----	1
	3L1473	PIN-----	1
16	4V7890	SPRING-----	1
17	5V4855	BOLT-----	4
18	4V8264	LINK-----	1
19	4V8600	HOUSING ASSEM. -----	1
	(Includes)		
C	4V8606	HOUSING ASSEM. -----	1
C	4V7851	HOUSING ASSEM. -----	1

C INDICATES CHANGE

227935

4V8599 ADJUSTER SEAT GROUP  
 Part of 7P5719 Adjustable Seat Group shown on Page 243A



8	4V8605	SPACER-----	2
9	5V1497	RETAINER-----	4
10	4V8032	CABLE-----	2
11	4V8034	BOLT-----	2
	5V1499	NUT-----	2
	4B4281	WASHER----16 mm (.625 in.) bolt	2
12	4B4280	WASHER----18 mm (.90 in.) bolt	2
	4V8033	BAR-----	1
13	4V8587	LATCH ASSEM.-----	1
	4V8035	CAP-----	1
14	4V8031	SPRING-----	2
15	5V1498	LOCKNUT-----	2
	8M3267	SCREW-----	2
16	5M3062	BOLT-----	2
	4V7904	PLATE ASSEM.-----(R. H.)-----	1
17	4V7908	PLATE ASSEM.-----(L. H.)-----	1
	4V8029	BRACKET ASSEM.-----(R. H.)-----	1
18	4V8026	BRACKET ASSEM.-----(L. H.)-----	1
	(Each Includes)		
19	1A2036	PIN-----	1

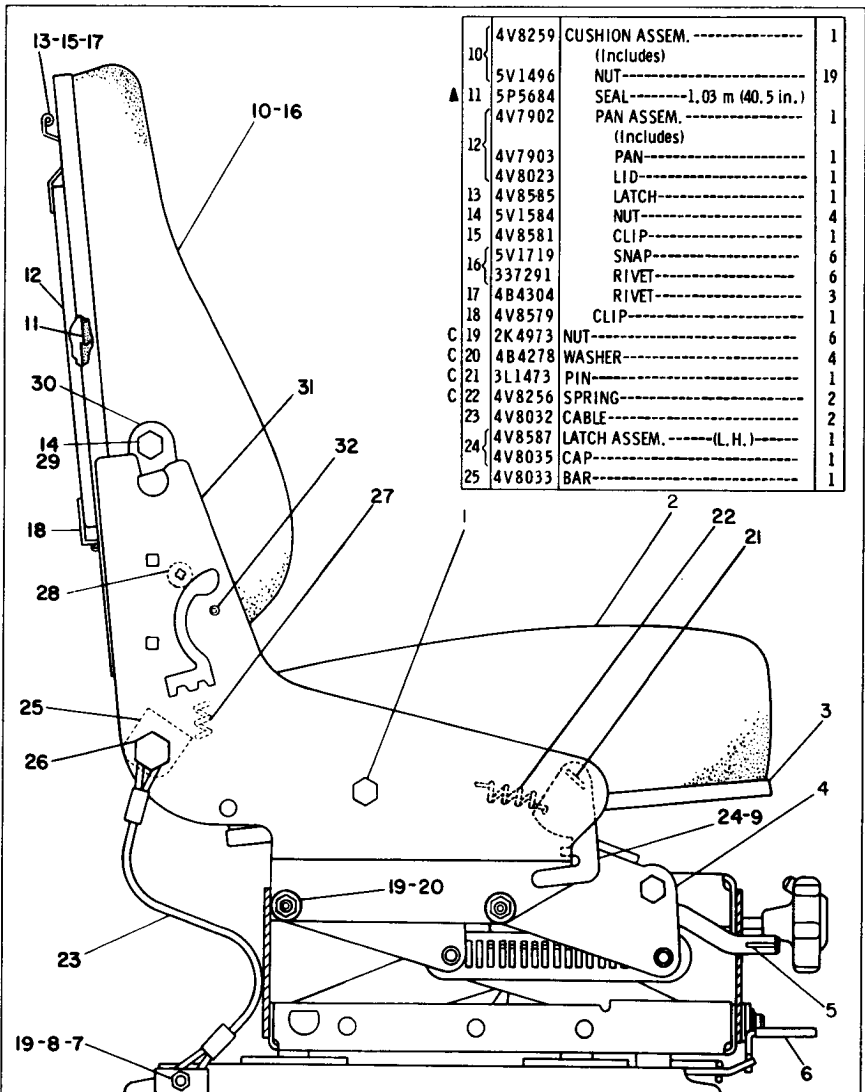
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	5P2566	BOLT-----	2
1	4V8586	SPACER-----	2
2	4V8271	CUSHION ASSEM.----- (Includes)	1
3	4V8579	CLIP-----	1
4	4V8596	SUSPENSION GROUP----- (Separate Illustration)	1
5	4V7896	CAP-----	1
6	4V7865	CAP-----	1
7	5S7379	BOLT-----	2
	2K4973	NUT-----	2

20	4V8259	CUSHION ASSEM.-----	1	
	(Includes)			
A C	5V1496	NUT-----	19	
	5P5684	SEAL-----1.03 m (40.5 in.)		
21	4V7902	PAN ASSEM.-----	1	
	(Includes)			
22	4V7903	PAN-----	1	
	4V8023	LID-----	1	
C	4V8585	LATCH-----	1	
C	23	4V8585	LATCH-----	1
C	24	5V1584	NUT-----	4
C	25	4V8581	CLIP-----	1
C	26	5V1719	SNAP-----	6
C	337291	RIVET-----	6	
	484304	RIVET-----	3	
27	484304	RIVET-----	3	
28	4V8579	CLIP-----	1	

▲ ORDER BY THE METER

222651

3V8252 SUSPENSION SEAT GROUP—Type 1  
 4V8596 Seat Suspension parts are shown on Pages 243E and 243F  
 AN ATTACHMENT



10	4V8259	CUSHION ASSEM.-----	1
		(Includes)	
	5V1496	NUT-----	19
11	5P5684	SEAL-----1.03 m (40.5 in.)	
	4V7902	PAN ASSEM.-----	1
		(Includes)	
12	4V7903	PAN-----	1
	4V8023	LID-----	1
13	4V8585	LATCH-----	1
14	5V1584	NUT-----	4
15	4V8581	CLIP-----	1
	5V1719	SNAP-----	6
16	337291	RIVET-----	6
	4B4304	RIVET-----	3
	4V8579	CLIP-----	1
C 19	2K4973	NUT-----	6
C 20	4B4278	WASHER-----	4
C 21	3L1473	PIN-----	1
C 22	4V8256	SPRING-----	2
23	4V8032	CABLE-----	2
24	4V8587	LATCH ASSEM.----- (L. H.)	1
	4V8035	CAP-----	1
25	4V8033	BAR-----	1

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5P2566	BOLT-----	2
	4V8586	SPACER-----	2
2	4V8271	CUSHION ASSEM.-----	1
		(Includes)	
3	4V8579	CLIP-----	1
4	5V4861	SUSPENSION GROUP-----	1
		(Separate Illustration)	
5	4V7896	CAP-----	1
6	4V7865	CAP-----	1
7	5S7379	BOLT-----	2
8	4V8605	SPACER-----	2
C 9	5V5232	LATCH ASSEM.----- (R. H.)	1

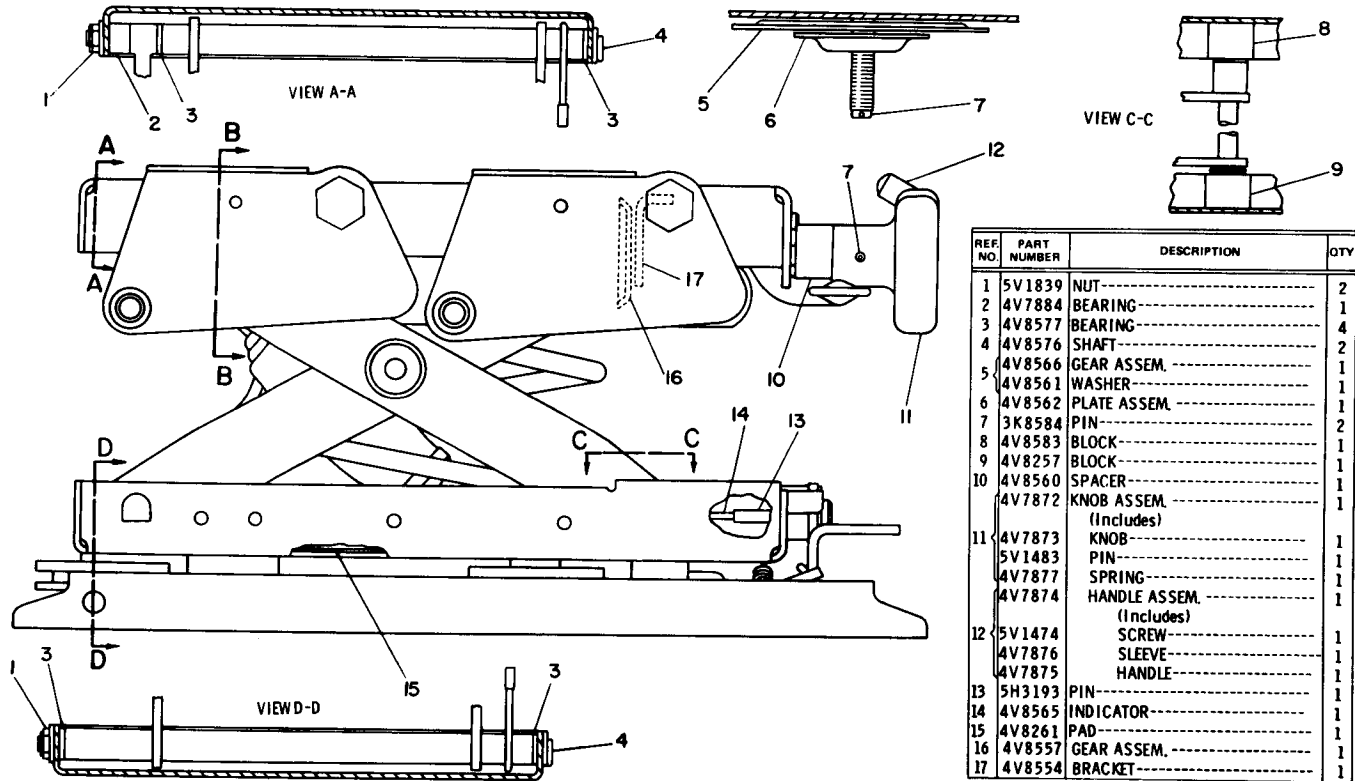
	4V8034	BOLT-----	2
26	5V1499	NUT-----	2
	4B4281	WASHER-----16 mm (.625 in.) bolt	2
	4B4280	WASHER-----18 mm (.50 in.) bolt	2
27	4V8031	SPRING-----	2
28	5V1498	LOCKNUT-----	2
	8M3267	SCREW-----	2
29	5M3062	BOLT-----	2
	4V7904	PLATE ASSEM.----- (R. H.)	1
30	4V7908	PLATE ASSEM.----- (L. H.)	1
	4V8029	BRACKET ASSEM.----- (R. H.)	1
31	4V8026	BRACKET ASSEM.----- (L. H.)	1
		(Each Includes)	
32	1A2036	PIN-----	1

C INDICATES CHANGE

▲ ORDER BY THE METER

226904

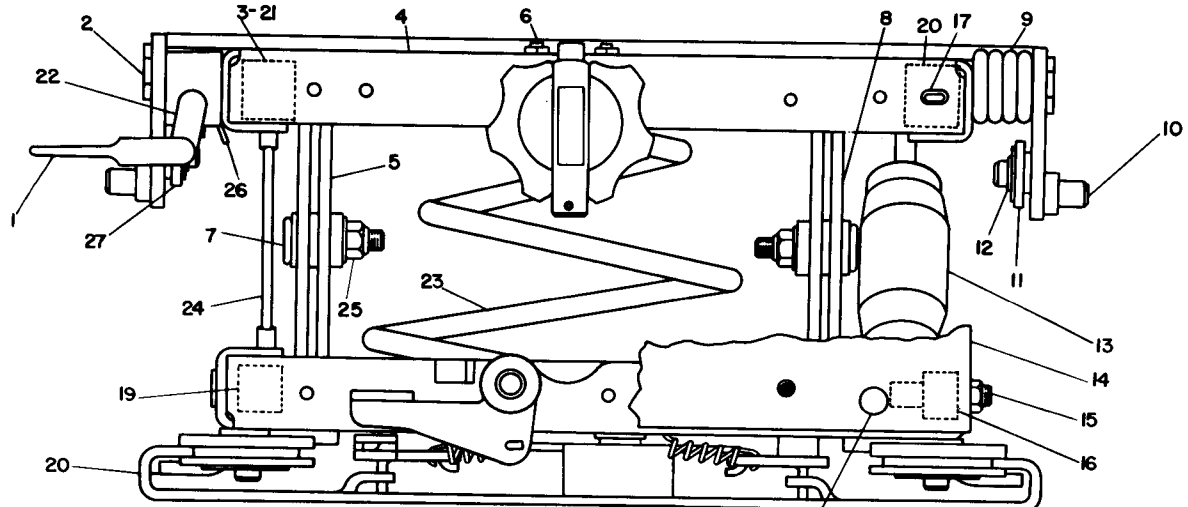
3V8252 SUSPENSION SEAT GROUP—Type 2  
 5V4861 Seat Suspension parts are shown on Pages 243G and 243H  
 AN ATTACHMENT



220406

4V8596 SEAT SUSPENSION GROUP—Part 1  
 Part of 3V8252 Suspension Seat Group shown on Page 243C  
 AN ATTACHMENT

4V8596 SEAT SUSPENSION GROUP—Part 2  
 Part of 3V8252 Suspension Seat Group shown on Page 243C  
 4V7849 Seat Adjuster parts are shown on Page 243K  
 AN ATTACHMENT

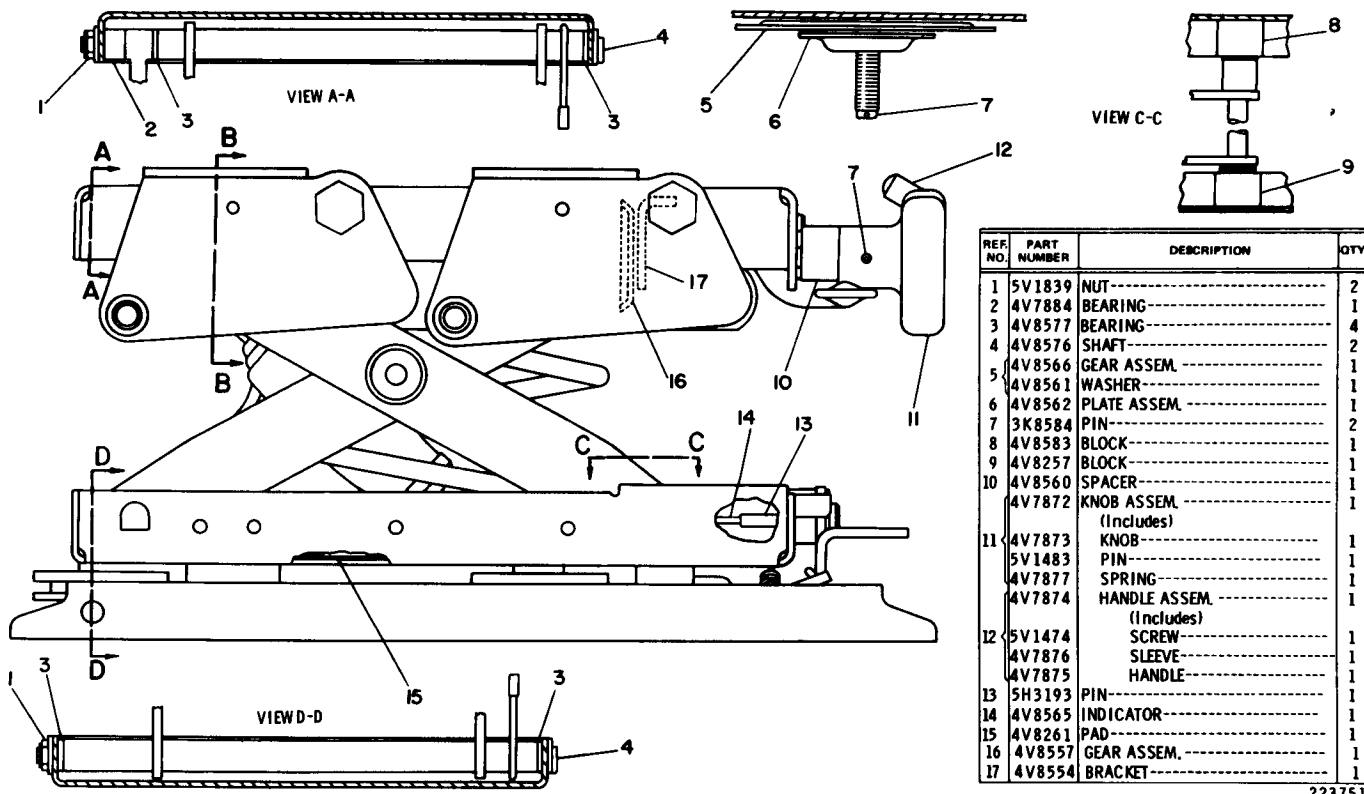


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4V7889	LEVER-----	1
	3L1473	PIN-----	1
2	4V8266	BOLT-----	4
	5V1494	LOCKWASHER-----	4
3	4V7885	SLEEVE-----	1
4	4V8606	HOUSING ASSEM.-----	1
5	4V8569	ARM ASSEM.-----	1
6	3K1553	BOLT-----	2
	273924	NUT-----	2
7	4V8272	SHAFT-----	2
	4V8273	WASHER-----	2

8	4V8573	ARM ASSEM.-----	1
9	4V7895	SPRING-----	2
10	4V7887	LINK ASSEM.-----	2
11	4V8265	LINK-----	2
12	5V1497	RETAINER-----	4
13	4V7866	SHOCK ABSORBER-----	1
14	4V8609	BOOT-----	1
15	4V8556	BOLT-----	1
	5V1847	NUT-----	1
16	4V7884	BEARING-----	1
17	4V8555	BUMPER-----	2
18	6D4054	FASTENER-----	23
19	4V8270	SLEEVE-----	1
20	4V8591	BLOCK-----	1

20	4V7849	SEAT ADJUSTER GROUP----- (Separate Illustration)	1
21	4V8580	BLOCK-----	1
22	4V7891	LATCH ASSEM.-----	1
23	4V8610	SPRING-----	1
24	4V7886	CABLE-----	1
	4J8265	NUT-----	2
25	4B4278	WASHER-----	2
	4V7863	BEARING-----	2
26	4V7890	SPRING-----	1
27	4V8264	LINK-----	1

220407

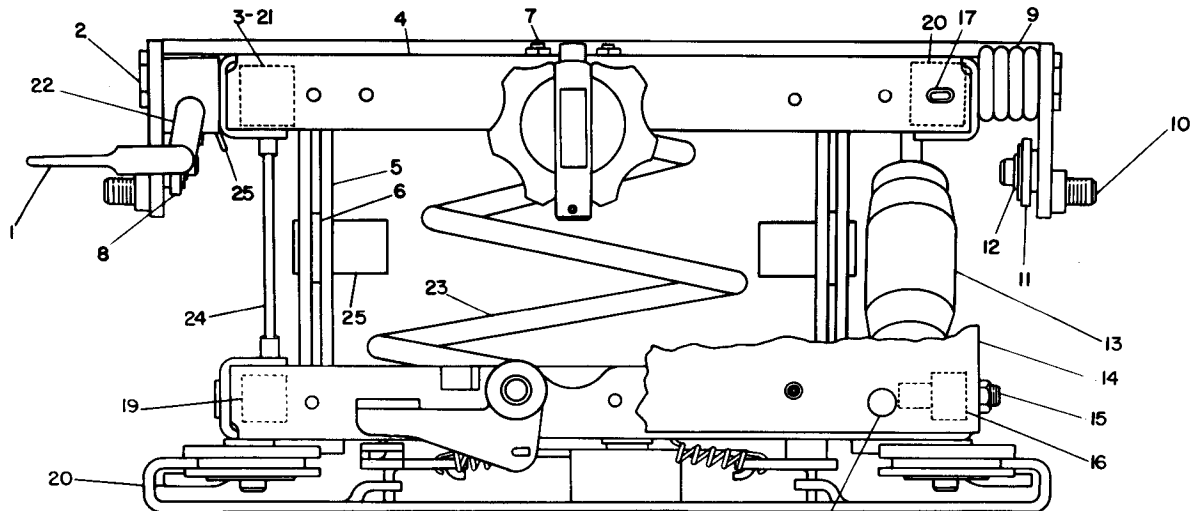


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	5V1839	NUT	2
2	4V7884	BEARING	1
3	4V8577	BEARING	4
4	4V8576	SHAFT	2
5	4V8566	GEAR ASSEM.	1
	4V8561	WASHER	1
6	4V8562	PLATE ASSEM.	1
7	3K8584	PIN	2
8	4V8583	BLOCK	1
9	4V8257	BLOCK	1
10	4V8560	SPACER	1
	4V7872	KNOB ASSEM.	1
		(Includes)	
11	4V7873	KNOB	1
	5V1483	PIN	1
	4V7877	SPRING	1
	4V7874	HANDLE ASSEM.	1
		(Includes)	
12	5V1474	SCREW	1
	4V7876	SLEEVE	1
	4V7875	HANDLE	1
13	5H3193	PIN	1
14	4V8565	INDICATOR	1
15	4V8261	PAD	1
16	4V8557	GEAR ASSEM.	1
17	4V8554	BRACKET	1

223751

5V4861 SEAT SUSPENSION GROUP—Part 1  
 Part of 3V8252 Suspension Seat Group shown on Page 243D  
 AN ATTACHMENT

5V4861 SEAT SUSPENSION GROUP—Part 2  
 Part of 3V8252 Suspension Seat Group shown on Page 243D  
 4V7849 Seat Adjuster parts are shown on Page 243K  
 AN ATTACHMENT

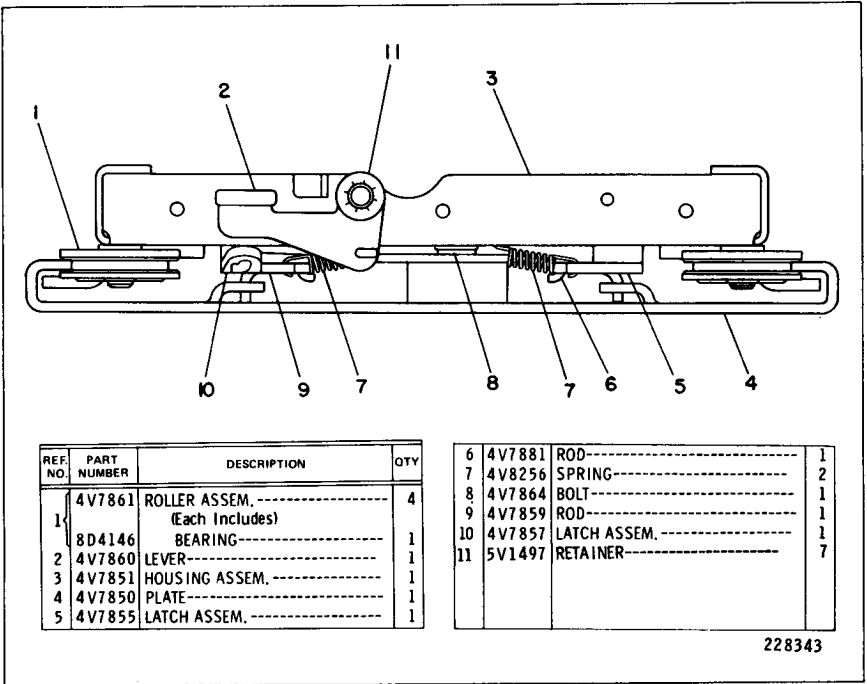


REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	4V7889	LEVER-----	1
1	3L1473	PIN-----	1
2	5V4855	BOLT-----	4
3	4V7885	SLEEVE-----	1
4	4V8606	HOUSING ASSEM.-----	1
5	5V4846	ARM ASSEM.-----	1
		(Includes)	
6	5V4845	BEARING-----	2
7	3K1553	BOLT-----	2
7	273924	NUT-----	2
8	4V8264	LINK-----	1

9	4V7895	SPRING-----	2
10	5V5233	LINK ASSEM.-----	2
11	4V8265	LINK-----	1
12	5V1497	RETAINER-----	4
13	4V7866	SHOCK ABSORBER-----	1
14	4B8609	BOOT-----	1
15	4V8556	BOLT-----	1
	6D47	NUT-----	1
16	4V7884	BEARING-----	1
17	4V7885	BUMPER-----	2
18	6D4054	FASTENER-----	23
19	4V8270	SLEEVE-----	1
20	4V8591	BLOCK-----	1

20	4V7849	SEAT ADJUSTER GROUP-----	1
		(Separate Illustration)	
21	4V8580	BLOCK-----	1
22	4V7891	LATCH ASSEM.-----	1
23	4V8610	SPRING-----	1
24	4V7886	CABLE-----	1
25	4V7890	SPRING-----	1

223752



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4V7861	ROLLER ASSEM.----- (Each Includes)	4
	8D4146	BEARING-----	1
2	4V7860	LEVER-----	1
3	4V7851	HOUSING ASSEM.-----	1
4	4V7850	PLATE-----	1
5	4V7855	LATCH ASSEM.-----	1

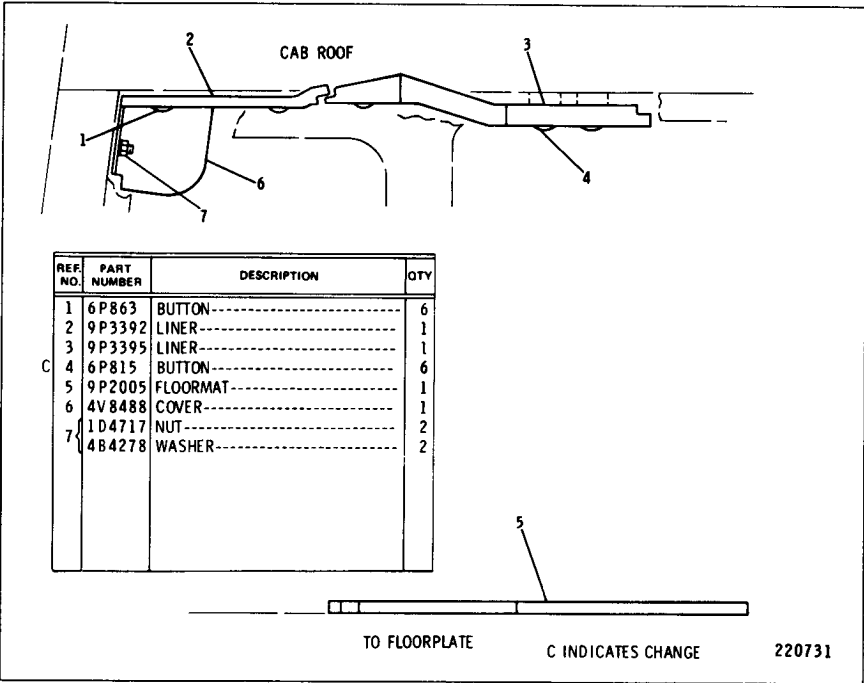
6	4V7881	ROD-----	1
7	4V8256	SPRING-----	2
8	4V7864	BOLT-----	1
9	4V7859	ROD-----	1
10	4V7857	LATCH ASSEM.-----	1
11	5V1497	RETAINER-----	7

228343

4V7849 SEAT ADJUSTER GROUP

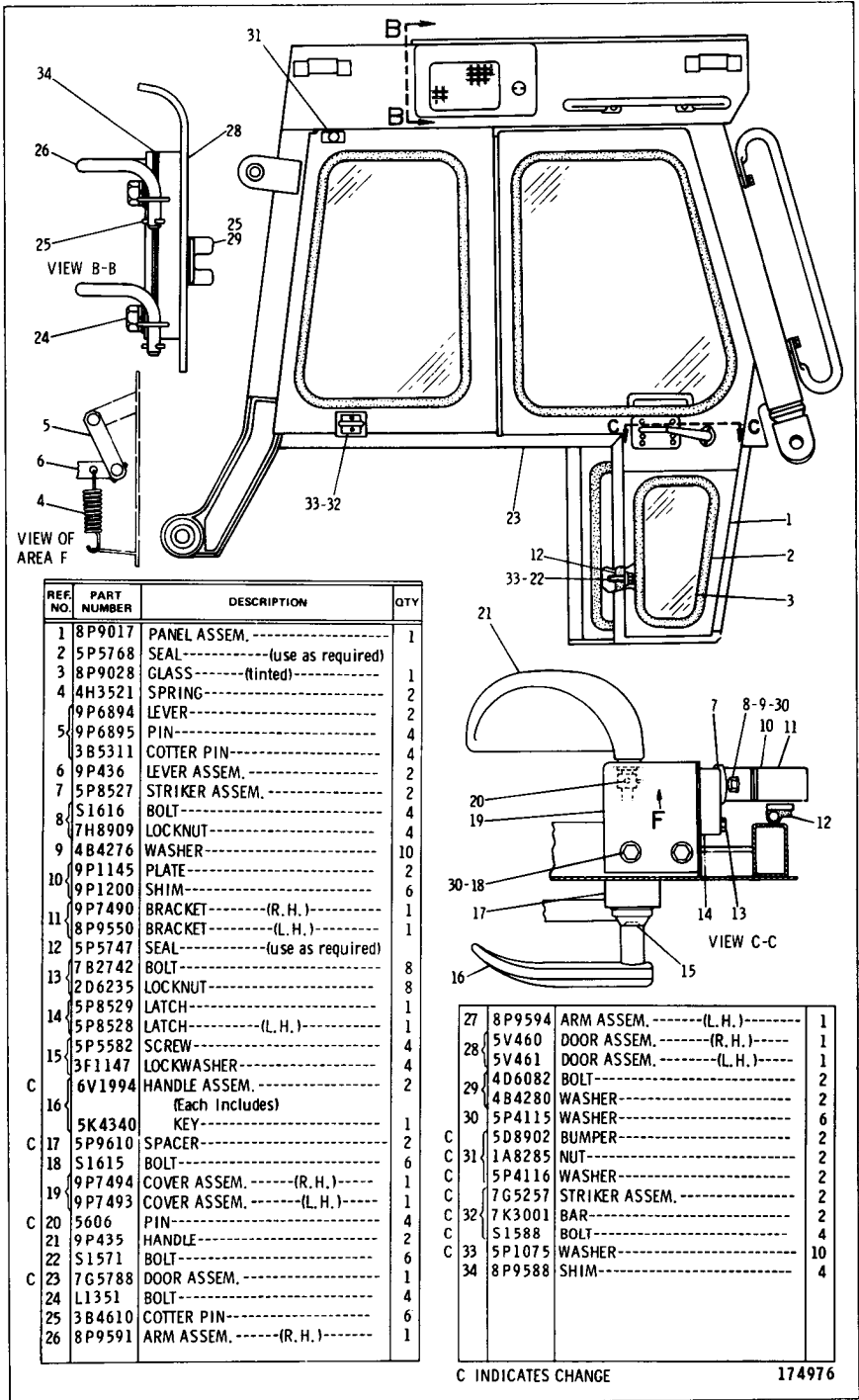
Part of 4V8596 and 5V4861 Seat Suspension Groups shown on Pages 243F and 243H  
AN ATTACHMENT



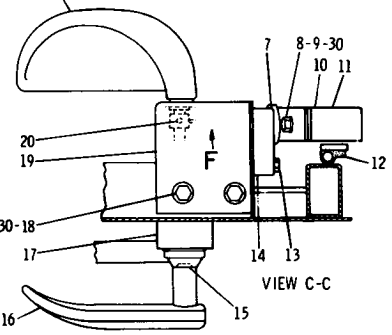


9P723 CAB LINER GROUP

CONSISTS OF:		PAGE
1	9P5901 PLATFORM GROUP .....	250
1	9P5964 SUPPORT GROUP .....	251



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8P9017	PANEL ASSEM.-----	1
2	5P5768	SEAL----- (use as required)	1
3	8P9028	GLASS----- (tinted)-----	2
4	4H3521	SPRING-----	1
5	9P6894	LEVER-----	2
5	9P6895	PIN-----	4
6	3B5311	COTTER PIN-----	4
6	9P436	LEVER ASSEM.-----	2
7	5P8527	STRIKER ASSEM.-----	2
8	S1616	BOLT-----	4
8	7H8909	LOCKNUT-----	4
9	4B4276	WASHER-----	10
10	9P1145	PLATE-----	2
10	9P1200	SHIM-----	6
11	9P7490	BRACKET----- (R. H.)-----	1
11	8P9550	BRACKET----- (L. H.)-----	1
12	5P5747	SEAL----- (use as required)	1
13	7B2742	BOLT-----	8
13	2D6235	LOCKNUT-----	8
14	5P8529	LATCH-----	1
14	5P8528	LATCH----- (L. H.)-----	1
15	5P5582	SCREW-----	4
15	3F1147	LOCKWASHER-----	4
C	6V1994	HANDLE ASSEM.-----	2
16		(Each Includes)	
	5K4340	KEY-----	1
C	5P9610	SPACER-----	2
18	S1615	BOLT-----	6
19	9P7494	COVER ASSEM.----- (R. H.)-----	1
19	9P7493	COVER ASSEM.----- (L. H.)-----	1
C	20	5606 PIN-----	4
21	9P435	HANDLE-----	2
22	S1571	BOLT-----	6
C	23	7G5788 DOOR ASSEM.-----	1
24	L1351	BOLT-----	4
25	3B4610	COTTER PIN-----	6
26	8P9591	ARM ASSEM.----- (R. H.)-----	1

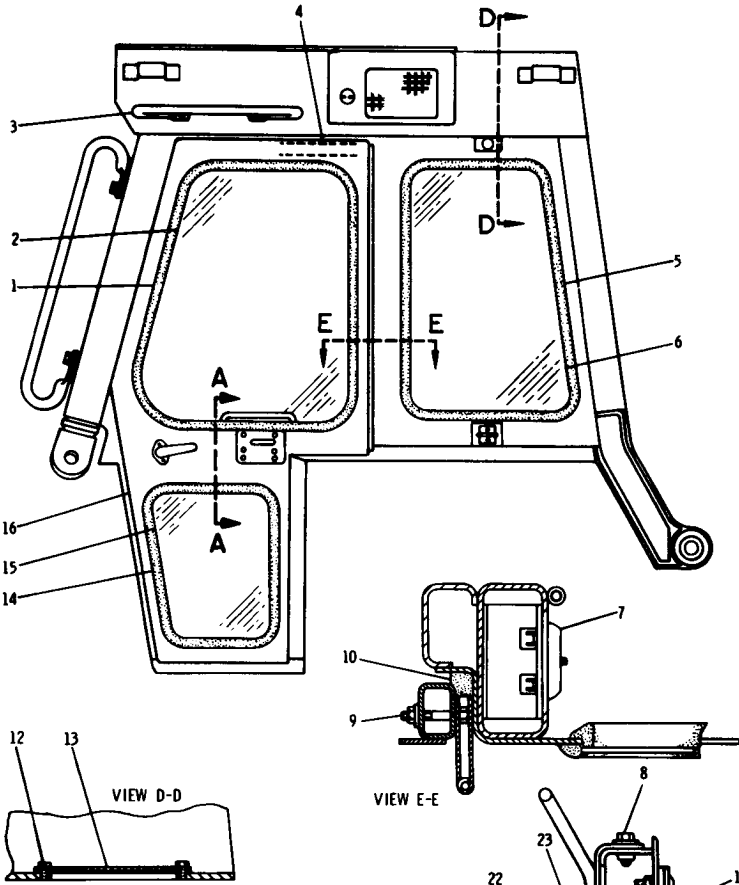


27	8P9594	ARM ASSEM.----- (L. H.)-----	1
28	5V460	DOOR ASSEM.----- (R. H.)-----	1
28	5V461	DOOR ASSEM.----- (L. H.)-----	1
29	4D6082	BOLT-----	2
29	4B4280	WASHER-----	2
30	5P4115	WASHER-----	6
C	5D8902	BUMPER-----	2
C	31	1A8285 NUT-----	2
C	5P4116	WASHER-----	2
C	7G5257	STRIKER ASSEM.-----	2
C	32	7K3001 BAR-----	2
C	S1588	BOLT-----	4
C	33	5P1075 WASHER-----	10
34	8P9588	SHIM-----	4

C INDICATES CHANGE

174976

9P627 ROLL-OVER PROTECTIVE STRUCTURE GROUP—Part 1 of 3—Type 1

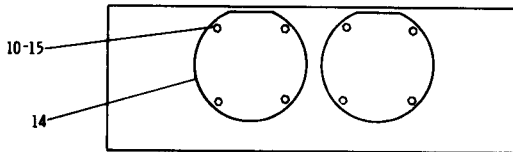
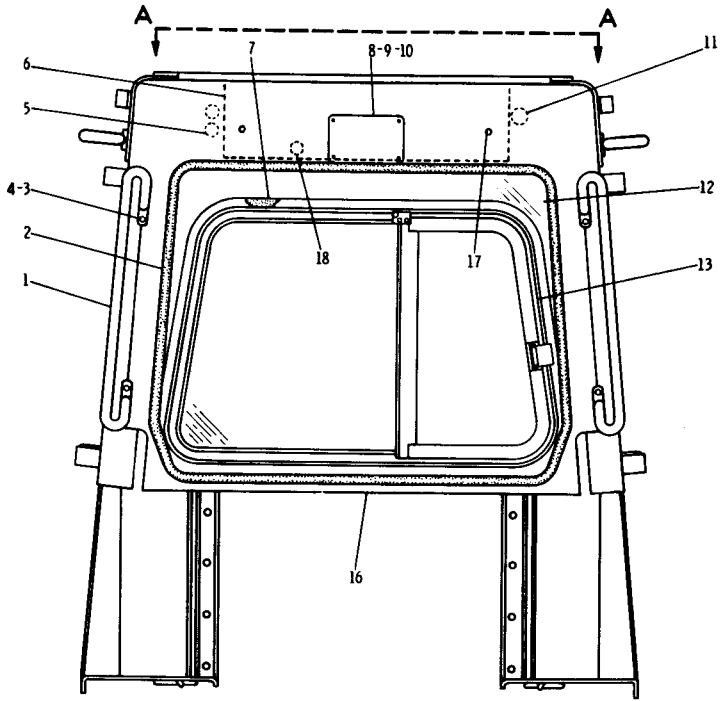


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	5P5768	SEAL----- (use as required)---	2
2	8P9036	GLASS----- (tinted)-----	2
	9P2854	GRAB IRON-----	2
3	6H1717	BOLT-----	4
	5P1076	WASHER-----	4
4	5P5747	SEAL----- (use as required)---	2
5	5P5768	SEAL----- (use as required)---	2
6	8P9548	GLASS----- (tinted)-----	2
7	7G2172	LOUVER ASSEM.-----	2
8	51615	BOLT-----	12
C 8	5P4115	WASHER-----	12
C	788167	BOLT-----	12
9	7H8909	LOCKNUT-----	10
	4B4276	WASHER-----	12
10	5P5640	SEAL----- (use as required)---	2
C 11	7G5275	HANDLE-----	2
12	T102	BOLT-----	10
13	9P2501	COVER-----	1
	9P2500	GASKET-----	1
14	5P5768	SEAL----- (use as required)---	1
15	8P9037	GLASS----- (tinted)-----	1
C 16	7G5789	DOOR ASSEM.-----	1

C 17	7G5254	PLATE ASSEM.----- (use as required)---	1
C	7G5253	PLATE ASSEM.----- (use as required)---	1
C	4B1247	SCREW-----	12
C 18	4B2051	NUT-----	12
C	3B4503	LOCKWASHER-----	12
C 19	7G5255	SEAL-----	2
C	9D5194	LATCH----- (use as required)---	1
C 20	9D5193	LATCH----- (use as required)---	1
C	6P6256	RETAINER-----	2
C 21	4B5271	WASHER-----	2
C	2G7842	RETAINER-----	2
C 22	2G7843	BALL-----	2
C	7G5258	COVER ASSEM.-----	1
C 23	7G5259	COVER ASSEM.-----	1

C INDICATES CHANGE

220154

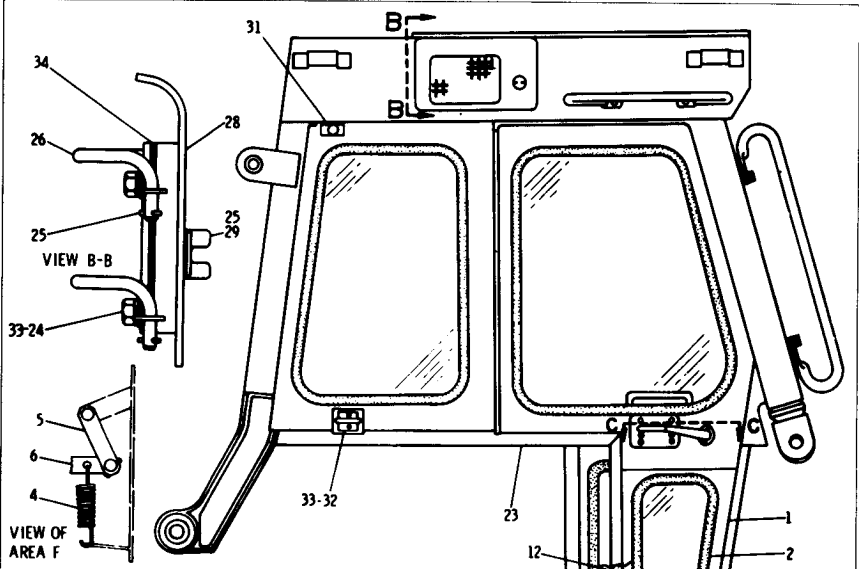


VIEW A-A

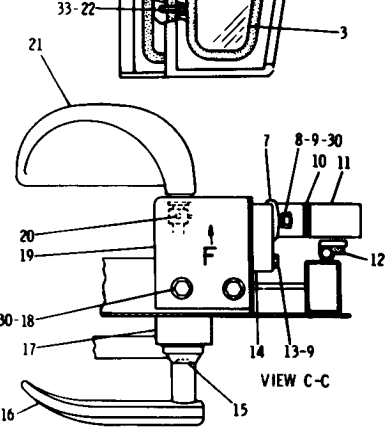
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4V4842	GRAB IRON-----	2
2	5P5768	SEAL----- (use as required)-----	2
3	6H1717	BOLT-----	4
4	5P1076	WASHER-----	4
5	4V7318	PLUG-----	2
6	9P2894	COVER-----	1
6	9P2858	GASKET-----	1
7	5P5768	SEAL----- (use as required)-----	2
8	9P7517	PLATE-----	1
9	2A762	BOLT-----	4
10	5P4115	WASHER-----	12
11	4V7319	PLUG-----	1
12	9P481	GLASS----- (safety)-----	1
13	9P9398	WINDOW ASSEM.----- (Separate Illustration)	1
14	9P1579	COVER-----	2
15	4F7957	BOLT-----	8

16	8P9608	CAB ASSEM.-----	1
17	4V5090	BUMPER-----	2
18	S1594	BOLT-----	12
	5P1075	WASHER-----	26

218303

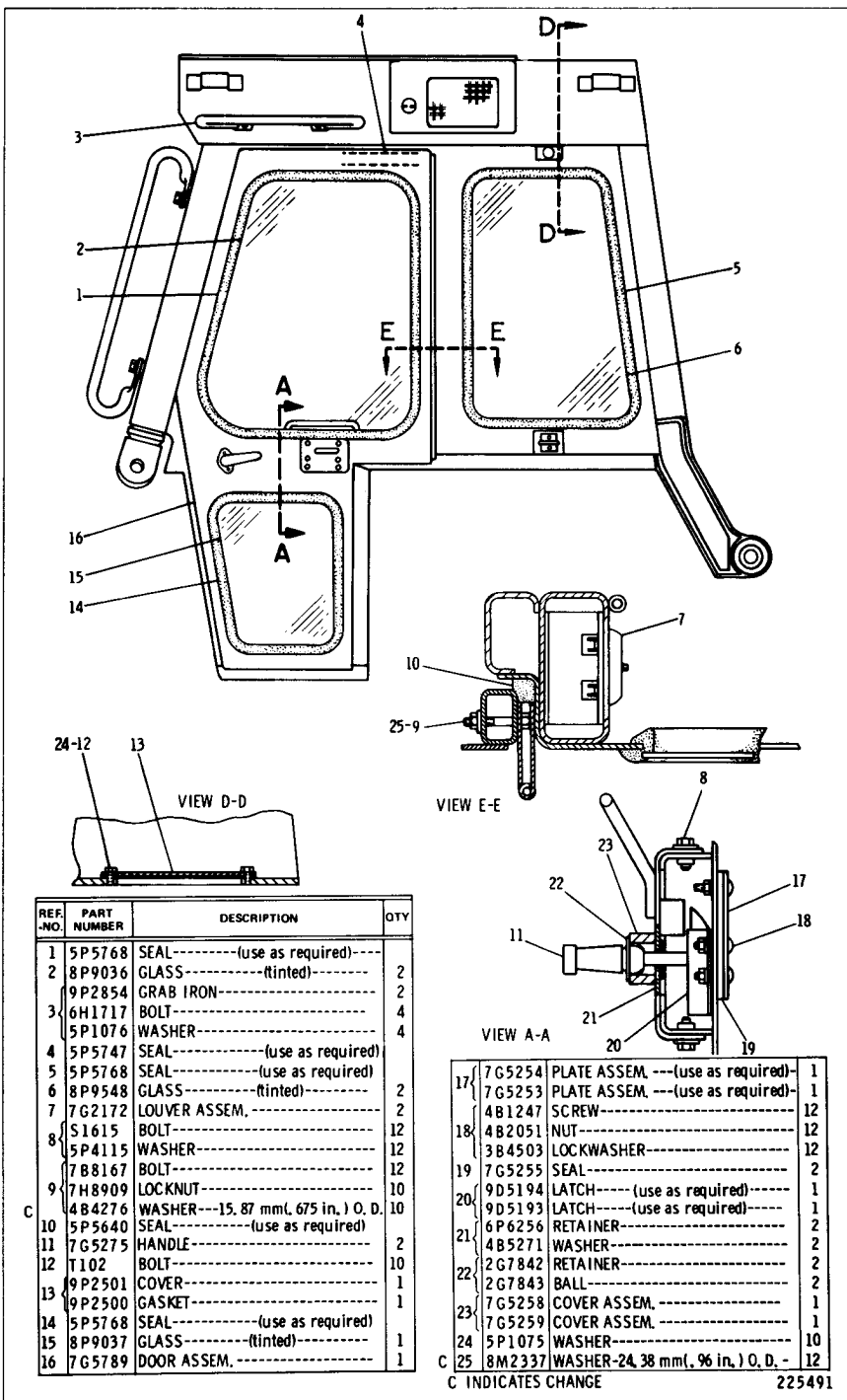


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8P9017	PANEL ASSEM.-----	1
2	5P5768	SEAL----- (use as required)	1
3	8P9028	GLASS----- (tinted)	2
4	4H3521	SPRING-----	1
	9P6894	LEVER-----	2
5	9P6895	PIN-----	4
	3B5311	COTTER PIN-----	4
6	9P436	LEVER ASSEM.-----	2
C	7	6V1157 STRIKER ASSEM.-----	2
8	S1616	BOLT-----	4
	7H8909	LOCKNUT-----	4
9	4B4276	WASHER-----	10
10	9P1145	PLATE-----	2
	9P1200	SHIM-----	6
11	9P7490	BRACKET----- (R. H.)	1
	8P9550	BRACKET----- (L. H.)	1
12	5P5747	SEAL----- (use as required)	1
13	7B2742	BOLT-----	8
	2D6235	LOCKNUT-----	8
C	14	6V1157 LATCH----- (R. H.)	1
C		6V1156 LATCH----- (L. H.)	1
15	5P5582	SCREW-----	4
	3F1147	LOCKWASHER-----	4
C	16	6V1994 HANDLE ASSEM.----- (Each Includes) KEY-----	2
	5K4340	KEY-----	2
17	5P9610	SPACER-----	2
18	S1615	BOLT-----	6
19	9P7494	COVER ASSEM.----- (R. H.)	1
	9P7493	COVER ASSEM.----- (L. H.)	1
20	5606	PIN-----	4
21	9P435	HANDLE-----	2
22	S1571	BOLT-----	6
23	7G5788	DOOR ASSEM.-----	1
24	L1351	BOLT-----	4
25	3B4610	COTTER PIN-----	6
26	8P9591	ARM ASSEM.----- (R. H.)	1



27	8P9594	ARM ASSEM.----- (L. H.)	1
28	5V460	DOOR ASSEM.----- (R. H.)	1
	5V461	DOOR ASSEM.----- (L. H.)	1
29	4D6082	BOLT-----	2
	4B4280	WASHER-----	2
30	5P4115	WASHER-----	6
	5D8902	BUMPER-----	2
31	1A8285	NUT-----	2
	5P4116	WASHER-----	2
	7G5257	STRIKER ASSEM.-----	2
32	7K3001	BAR-----	2
	S1588	BOLT-----	4
C	33	5P1075 WASHER-----	14
34	8P9588	SHIM-----	4

C INDICATES CHANGE 225490

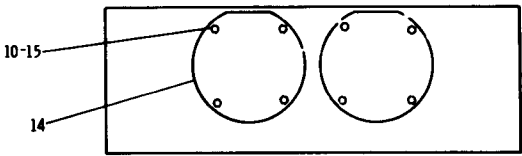
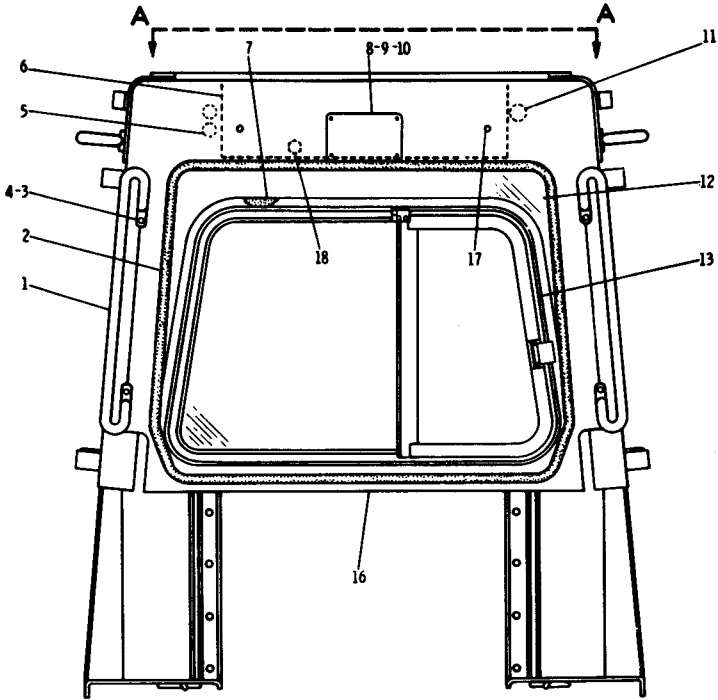


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	5P5768	SEAL-----(use as required)---	2
2	8P9036	GLASS------(tinted)-----	2
	9P2854	GRAB IRON-----	4
3	6H1717	BOLT-----	4
	5P1076	WASHER-----	4
4	5P5747	SEAL------(use as required)---	2
5	5P5768	SEAL------(use as required)---	2
6	8P9548	GLASS------(tinted)-----	2
7	7G2172	LOUVER ASSEM.-----	2
8	S1615	BOLT-----	12
8	5P4115	WASHER-----	12
	7B8167	BOLT-----	12
9	7H8909	LOCKNUT-----	10
9	4B4276	WASHER---15.87 mm(.675 in.) O. D.---	10
10	5P5640	SEAL------(use as required)---	2
11	7G5275	HANDLE-----	2
12	T102	BOLT-----	10
	9P2501	COVER-----	1
13	9P2500	GASKET-----	1
14	5P5768	SEAL------(use as required)---	1
15	8P9037	GLASS------(tinted)-----	1
16	7G5789	DOOR ASSEM.-----	1

17	7G5254	PLATE ASSEM.---(use as required)---	1
	7G5253	PLATE ASSEM.---(use as required)---	1
	4B1247	SCREW-----	12
18	4B2051	NUT-----	12
	3B4503	LOCKWASHER-----	12
19	7G5255	SEAL-----	2
	9D5194	LATCH----- (use as required)-----	1
20	9D5193	LATCH----- (use as required)-----	1
	6P6256	RETAINER-----	2
21	4B5271	WASHER-----	2
	2G7842	RETAINER-----	2
22	2G7843	BALL-----	2
	7G5258	COVER ASSEM.-----	1
23	7G5259	COVER ASSEM.-----	1
24	5P1075	WASHER-----	10
C 25	8M2337	WASHER-24.38 mm(.96 in.) O. D.---	12

C INDICATES CHANGE

225491

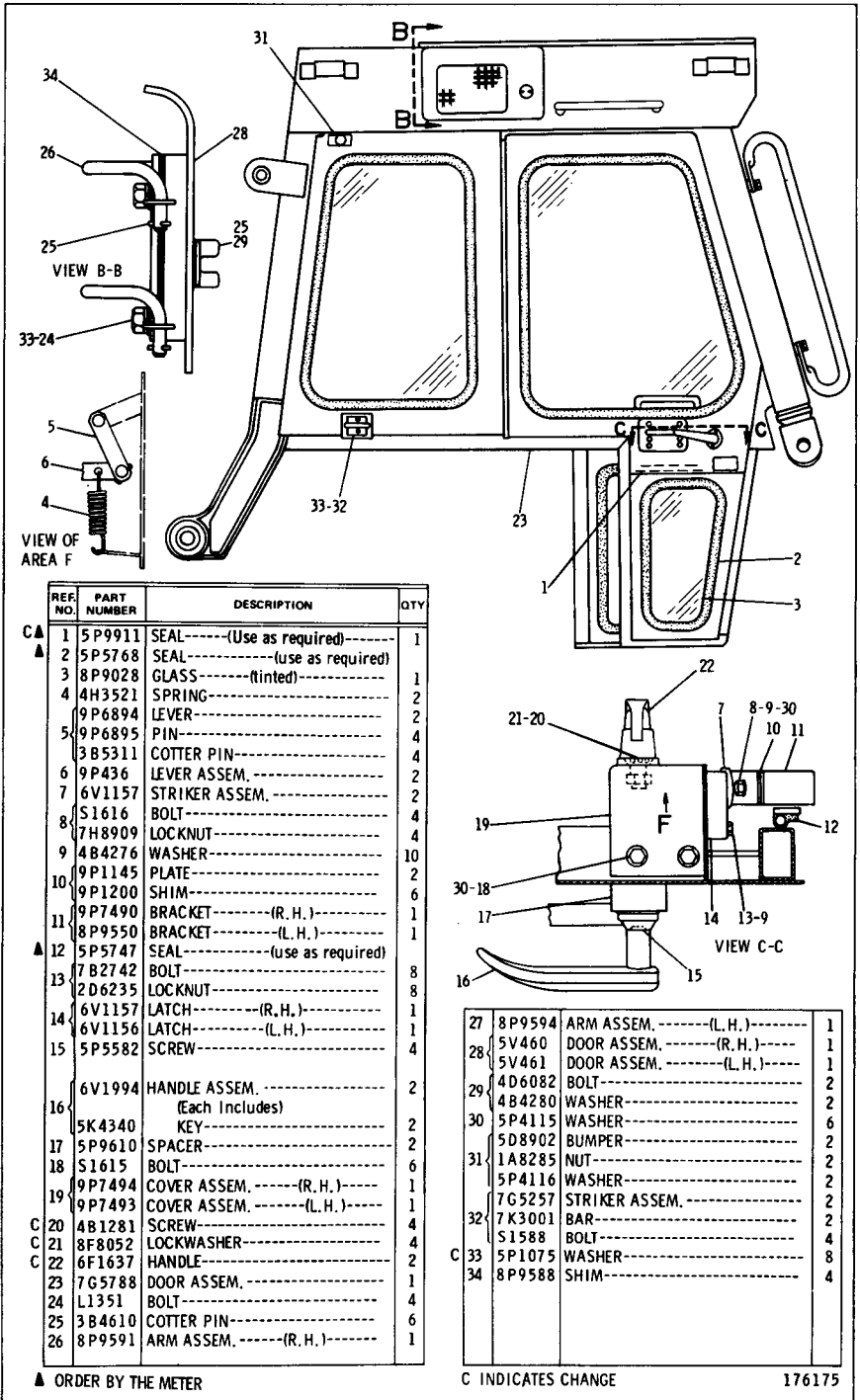


VIEW A-A

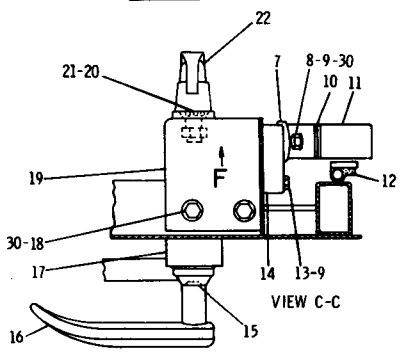
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4V4842	GRAB IRON-----	2
2	5P5768	SEAL----- <i>(use as required)</i> -----	4
3	6H1717	BOLT-----	4
4	5P1076	WASHER-----	4
5	4V7318	PLUG-----	2
6	9P2894	COVER-----	1
7	9P2858	GASKET-----	1
8	5P5768	SEAL----- <i>(use as required)</i> -----	1
9	9P7517	PLATE-----	1
10	2A762	BOLT-----	4
11	5P4115	WASHER-----	12
12	4V7319	PLUG-----	1
13	9P481	GLASS----- <i>(safety)</i> -----	1
14	9P9398	WINDOW ASSEM. <i>(Separate Illustration)</i>	1
15	9P1579	COVER-----	2
	4F7957	BOLT-----	8
16	8P9608	CAB ASSEM.-----	1
17	4V5090	BUMPER-----	2
18	S1594	BOLT-----	6
	5P1075	WASHER-----	6

C INDICATES CHANGE

225492



REF. NO.	PART NUMBER	DESCRIPTION	QTY
C▲	1	5P9911 SEAL----- (Use as required)-----	1
▲	2	5P5768 SEAL----- (use as required)-----	2
	3	8P9028 GLASS----- (tinted)-----	1
	4	4H3521 SPRING-----	2
	9	6P6894 LEVER-----	2
	5	9P6895 PIN-----	4
	3	85311 COTTER PIN-----	4
	6	9P436 LEVER ASSEM.-----	2
	7	6V1157 STRIKER ASSEM.-----	2
	8	S1616 BOLT-----	4
	7	H8909 LOCKNUT-----	4
	4	B4276 WASHER-----	10
	9	P1145 PLATE-----	2
	10	P1200 SHIM-----	6
	9	P7490 BRACKET----- (R. H.)-----	1
	8	P9550 BRACKET----- (L. H.)-----	1
▲	12	5P5747 SEAL----- (use as required)-----	1
	7	B2742 BOLT-----	8
	2	D6235 LOCKNUT-----	8
	14	6V1157 LATCH----- (R. H.)-----	1
	6	V1156 LATCH----- (L. H.)-----	1
	15	5P5582 SCREW-----	4
	16	6V1994 HANDLE ASSEM.----- (Each Includes)-----	2
	5	K4340 KEY-----	2
	17	5P9610 SPACER-----	2
	18	S1615 BOLT-----	6
	19	9P7494 COVER ASSEM.----- (R. H.)-----	1
	9	P7493 COVER ASSEM.----- (L. H.)-----	1
C	20	4B1281 SCREW-----	4
C	21	8F8052 LOCKWASHER-----	4
C	22	6F1637 HANDLE-----	2
	23	7G5788 DOOR ASSEM.-----	1
	24	L1351 BOLT-----	4
	25	3B4610 COTTER PIN-----	6
	26	8P9591 ARM ASSEM.----- (R. H.)-----	1



27	8P9594	ARM ASSEM.----- (L. H.)-----	1	
28	5V460	DOOR ASSEM.----- (R. H.)-----	1	
	5V461	DOOR ASSEM.----- (L. H.)-----	1	
	4	D6082 BOLT-----	2	
29	4B4280	WASHER-----	2	
30	5P4115	WASHER-----	6	
	5D8902	BUMPER-----	2	
31	1A8285	NUT-----	2	
	5P4116	WASHER-----	2	
	7G5257	STRIKER ASSEM.-----	2	
32	7K3001	BAR-----	2	
	S1588	BOLT-----	4	
C	33	5P1075	WASHER-----	8
	34	8P9588	SHIM-----	4

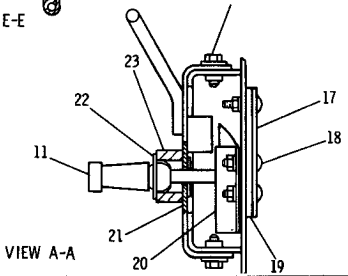
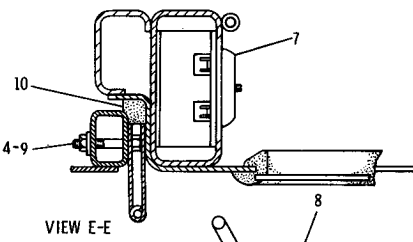
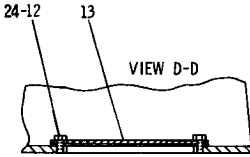
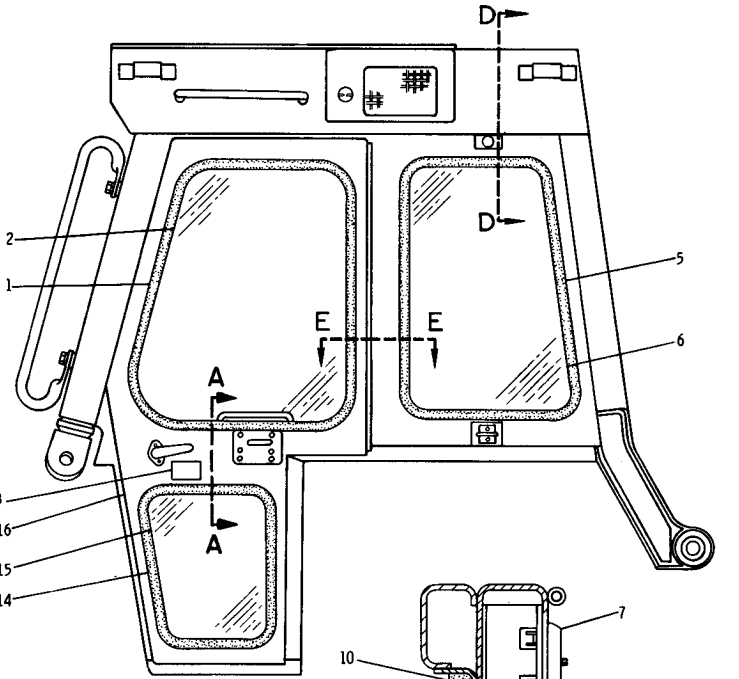
▲ ORDER BY THE METER

C INDICATES CHANGE

176175

9P627 ROLL-OVER PROTECTIVE STRUCTURE GROUP—Part 1 of 3—Type 3





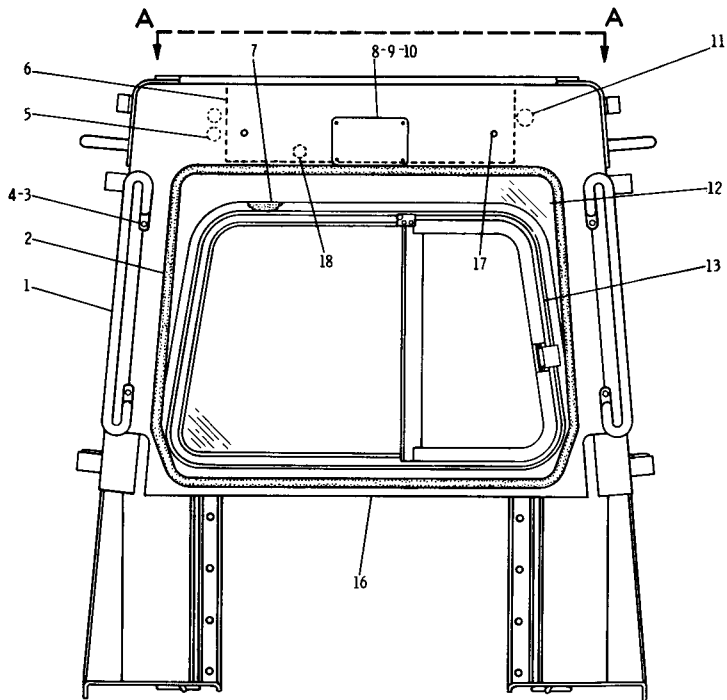
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
▲ 1	5 P5768	SEAL-----(Use as required)-----	
2	8 P9036	GLASS----- (tinted)-----	2
C 3	6 V888	FILM----- (Instructions)-----	2
▲ 4	8 M2337	WASHER-24, 38mm(.96 in.) O. D.-----	12
▲ 5	5 P5768	SEAL-----(Use as required)-----	
6	8 P9548	GLASS----- (tinted)-----	2
7	7 G2172	LOUVER ASSEM.-----	2
8	5 I1615	BOLT-----	12
9	5 P4115	WASHER-----	12
10	7 B8167	BOLT-----	12
11	7 H8909	LOCKNUT-----	10
12	4 B4276	WASHER---15.87 mm(.675 in.) O. D.-----	10
▲ 10	5 P5640	SEAL-----(Use as required)-----	
11	7 G5275	HANDLE-----	2
12	T102	BOLT-----	10
13	9 P2501	COVER-----	1
14	9 P2500	GASKET-----	1
▲ 14	5 P5768	SEAL----- (Use as required)-----	
15	8 P9037	GLASS----- (tinted)-----	1
16	7 G5789	DOOR ASSEM.-----	1
17	7 G5253	PLATE ASSEM. --- (L. H.)-----	1
17	7 G5254	PLATE ASSEM. --- (R. H.)-----	1

18	4 B1247	SCREW-----	12
18	4 B2051	NUT-----	12
19	3 B4503	LOCKWASHER-----	12
19	7 G5255	SEAL-----	2
20	9 D5193	LATCH----- (L. H.)-----	1
20	9 D5194	LATCH----- (R. H.)-----	1
21	6 P6256	RETAINER-----	2
21	4 B5271	WASHER-----	2
22	2 G7842	RETAINER-----	2
22	2 G7843	BALL-----	2
23	7 G5259	COVER ASSEM. --- (L. H.)-----	1
23	7 G5258	COVER ASSEM. --- (R. H.)-----	1
24	5 P1075	WASHER-----	10

▲ ORDER BY THE METER

C INDICATES CHANGE

176176



VIEW A-A

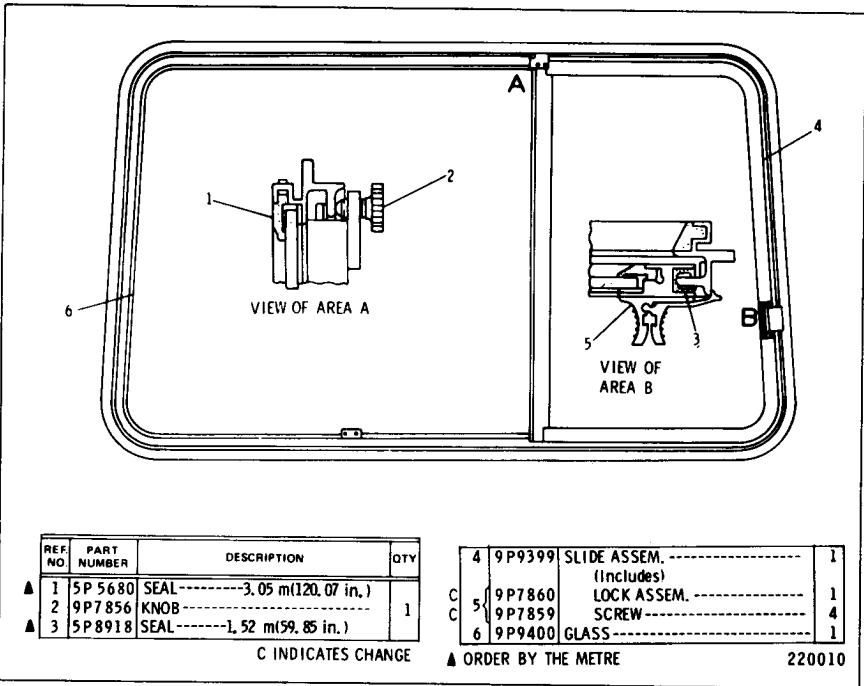
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	4V4842	GRAB IRON-----	2
▲ 2	5P5768	SEAL----- (use as required) ----	
3	6H1717	BOLT-----	4
4	5P1076	WASHER-----	4
5	4V7318	PLUG-----	2
6	9P2894	COVER-----	1
6	9P2858	GASKET-----	1
▲ 7	5P5768	SEAL----- (use as required) ----	
8	9P7517	PLATE-----	1
9	2A762	BOLT-----	4
10	5P4115	WASHER-----	12
11	4V7319	PLUG-----	1
12	9P481	GLASS----- (safety)-----	1
13	9P9398	WINDOW ASSEM. (Separate Illustration)	1
14	9P1579	COVER-----	2
15	4F7957	BOLT-----	8

16	8P9608	CAB ASSEM.-----	1
17	4V5090	BUMPER-----	2
18	S1594	BOLT-----	6
18	5P1075	WASHER-----	6

▲ ORDER BY THE METER

176177

9P627 ROLL-OVER PROTECTIVE STRUCTURE GROUP—Part 3 of 3—Type 3  
9P9398 Window parts are shown on Page 248

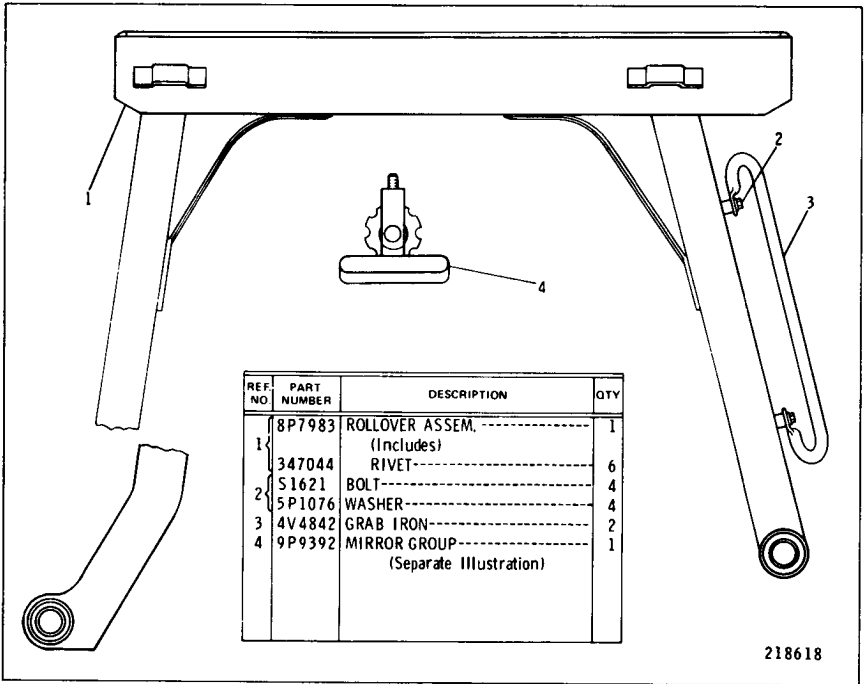


**9P9398 SLIDING WINDOW ASSEMBLY**

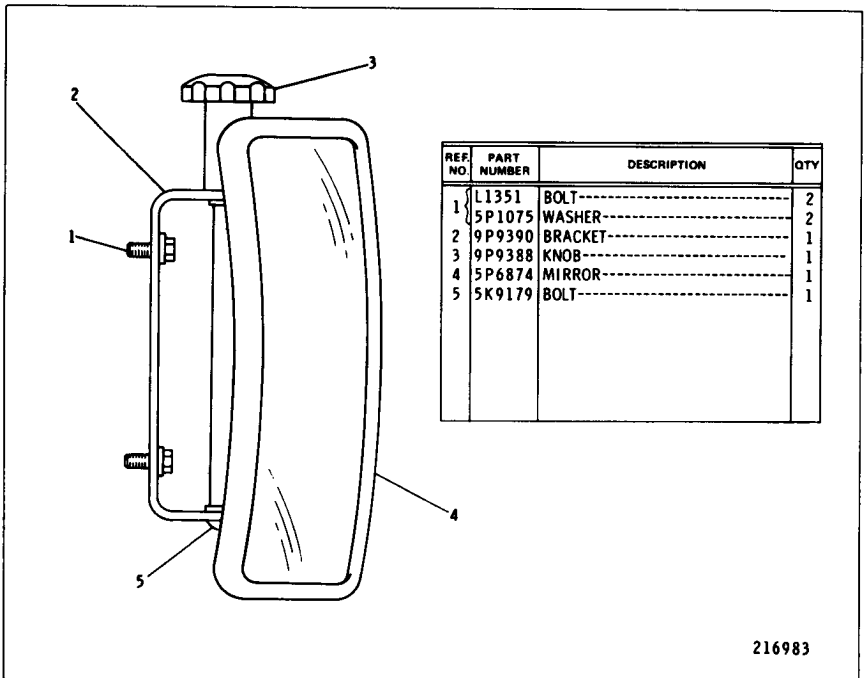
Part of 9P627 Roll-Over Protective Structure Group shown on Page 247

CONSISTS OF:

			PAGE
1	8P8149	ROLL-OVER PROTECTIVE STRUCTURE GROUP ...	249
1	9P5901	OPERATOR PLATFORM GROUP .....	250
1	9P5964	PLATFORM SUPPORT GROUP .....	251



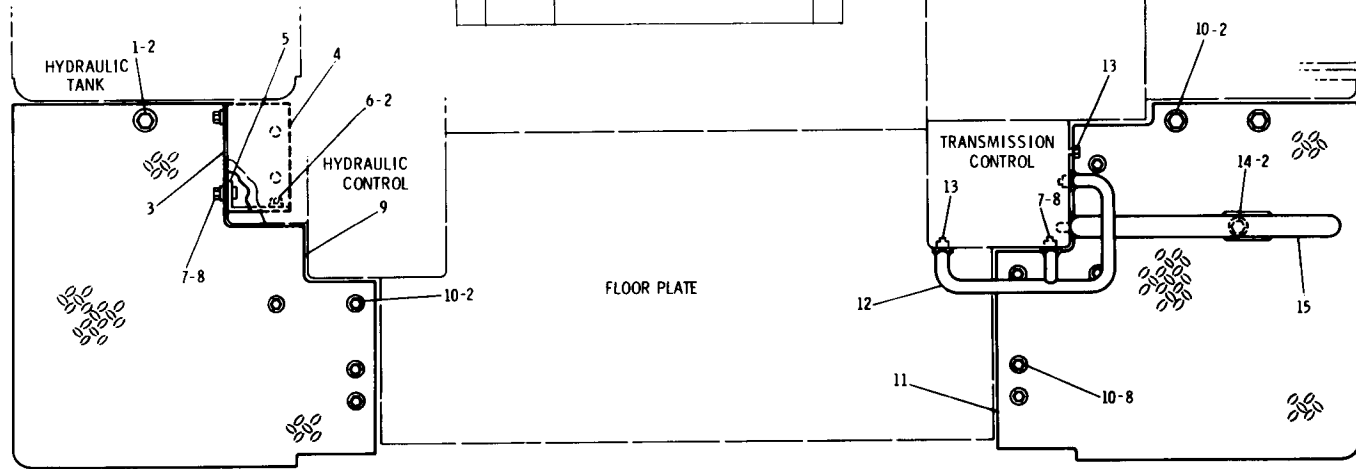
**8P8149 ROLL-OVER PROTECTIVE STRUCTURE GROUP**  
 Also part of 9P5904 Roll-Over Protective System listed on Page 248  
 9P9392 Mirror parts are shown on Page 249. AN ATTACHMENT



**9P9392 MIRROR GROUP**  
 Part of 8P8149 Roll-Over Protective Structures shown on Page 249

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1A5822	BOLT-----	1
2	5P1076	WASHER-----	18
3	9P3347	PLATE ASSEM.-----	1
4	9P1795	BRACKET ASSEM.-----	1
5	9P1797	BRACKET ASSEM.-----	2
6	2H3855	BOLT-----	6
7	S509	BOLT-----	8
8	5P1075	WASHER-----	8

C 9	9P1986	FLOORPLATE ASSEM.-----	1
10	1A1460	BOLT-----	11
11	9P1799	FLOORPLATE ASSEM.-----	1
12	9P3223	GUARD ASSEM.-----	1
13	L1351	BOLT-----	2
14	6H1717	BOLT-----	2
15	9P3228	GRABIRON-----	1
C 16	7G6548	COVER ASSEM.-----	1



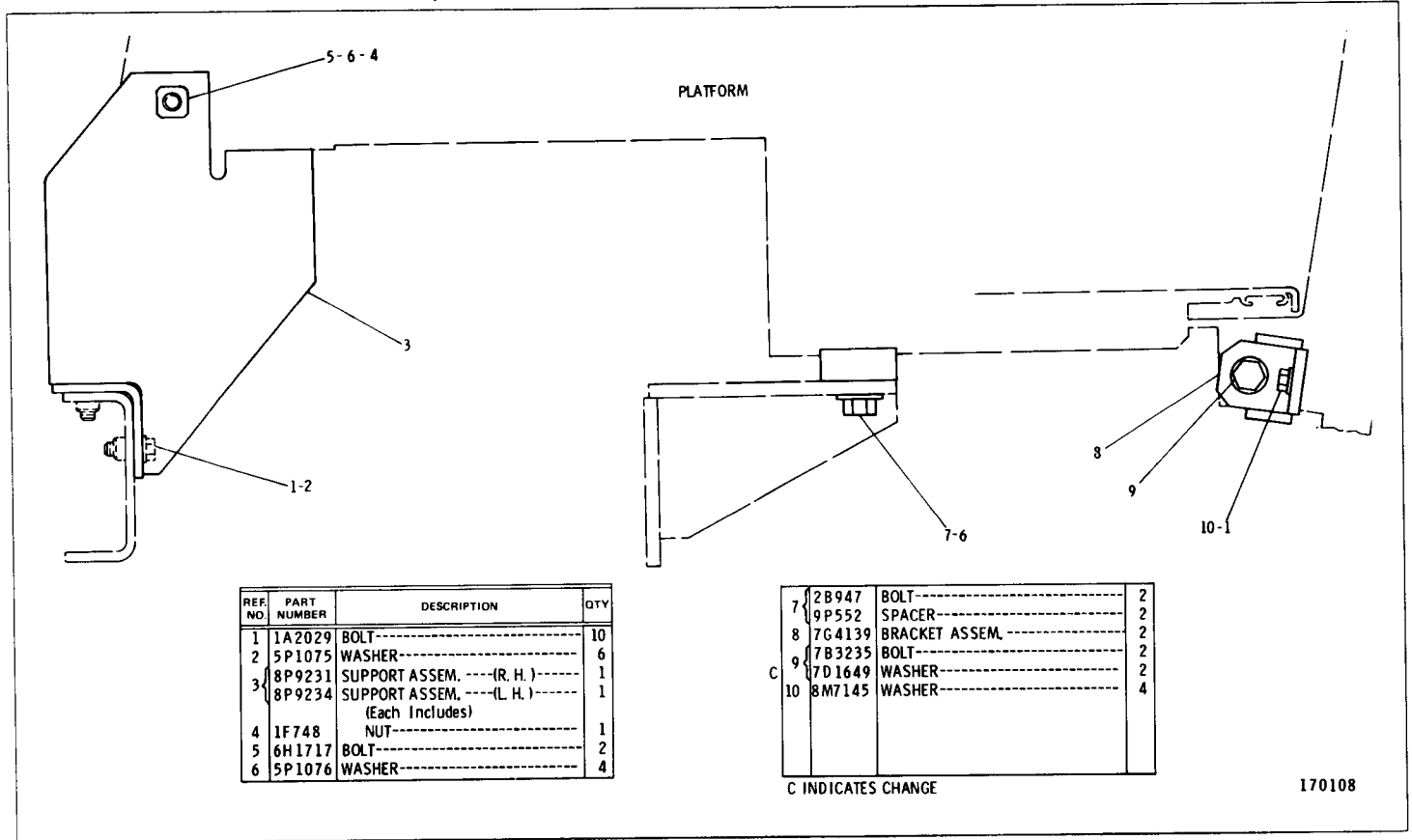
C INDICATES CHANGE

170566

## 9P5901 OPERATOR PLATFORM GROUP

Part of 9P5962 Non Cab Conversion Arrangement and 9P5904 Roll-Over Protective System listed on Pages 244 and 248  
AN ATTACHMENT

**9P5964 PLATFORM SUPPORT GROUP**  
 Part of 9P5962 Non Cab Conversion Arrangement and 9P5904 Roll-Over Protective  
 System listed on Pages 244 and 248. AN ATTACHMENT



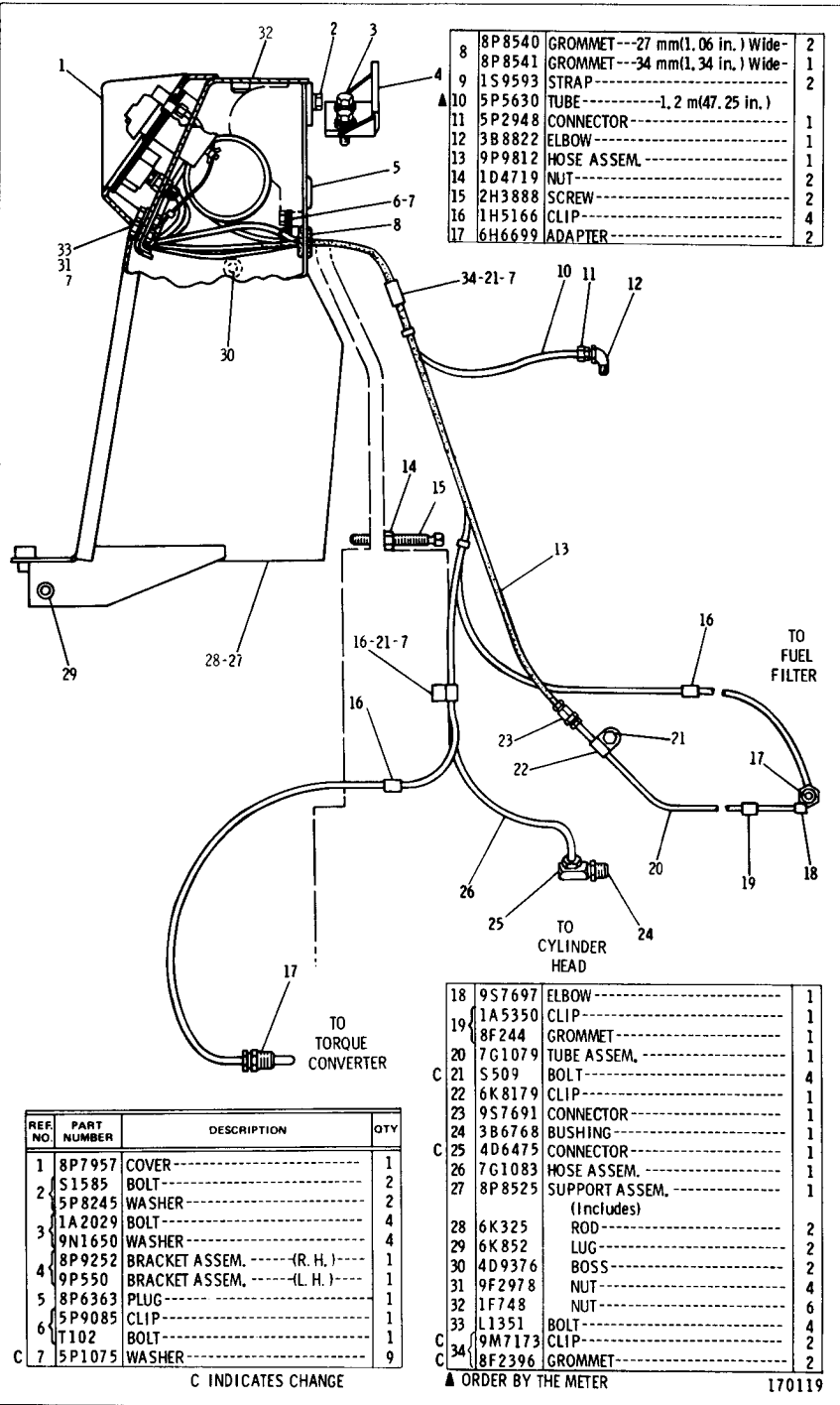
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1A2029	BOLT-----	10
2	5P1075	WASHER-----	6
3	8P9231	SUPPORT ASSEM. ---(R. H.)----	1
4	8P9234	SUPPORT ASSEM. ---(L. H.)----	1
		(Each Includes)	
4	1F748	NUT-----	1
5	6H1717	BOLT-----	2
6	5P1076	WASHER-----	4

7	2B947	BOLT-----	2
	9P552	SPACER-----	2
8	7C4139	BRACKET ASSEM.-----	2
9	7B3235	BOLT-----	2
	7D1649	WASHER-----	2
10	8M7145	WASHER-----	4

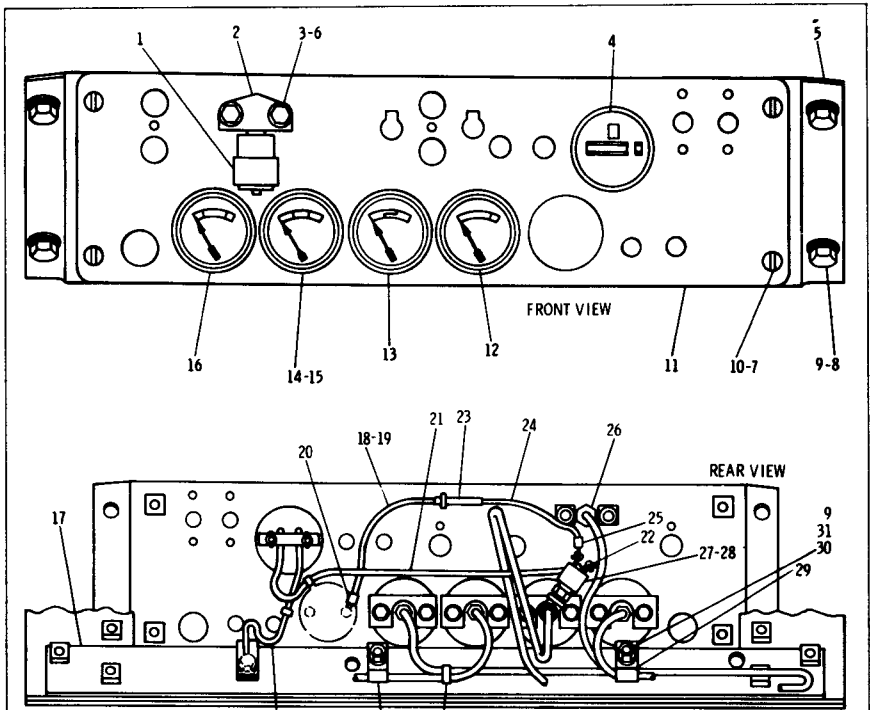
C INDICATES CHANGE

170108

CATERPILLAR 977L TRACK LOADER



8P7741 WARNING AND GAUGE GROUP—Instrument Panel—Part 1



REF NO.	PART NUMBER	DESCRIPTION	QTY
1	7S687	INDICATOR---(Air Cleaner)---	1
2	1P6886	ADAPTER-----	1
	2A762	BOLT-----	2
3	3K6116	WASHER-----	2
4	6N5906	METER-----	1
	8P7958	PLATE ASSEM.-----	1
5		(Includes)	
	4K9230	NUT-----	2
6	9F6445	NUT-----	2
7	4K9230	NUT-----	2
8	L1351	BOLT-----	4
9	5P1075	WASHER-----	6
	4B1330	SCREW-----	4
10	4K3533	WASHER-----	4
	6J450	SHIM-----	4
11	8P7961	INLAY-----	1
12	8M9881	INDICATOR--(Oil Temperature)---	1
13	6N3272	INDICATOR---(Fuel Pressure)---	1
	5D9231	CONNECTOR-----	1
14	5M1065	INDICATOR--(Engine Oil Pressure)	1
15	8L6557	CONNECTOR-----	1
16	7M459	INDICATOR---(Water Temperature)	1
	9P8525	PLATE ASSEM.-----	1
17		(Includes)	
	9F2978	NUT-----	4

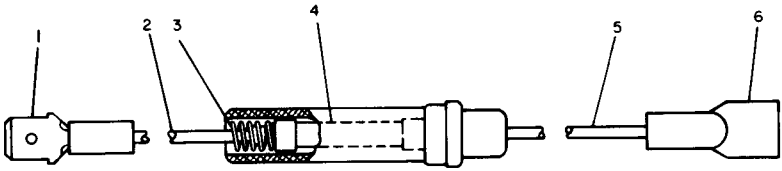
18	6P5759	WIRE ASSEM.-----	1
		(Includes)	
	5P5624	WIRE-----, 146 m(6 in.)	1
19	2S5012	CAP-----	1
	2S5014	CONTACT-----	1
20	2L8076	TERMINAL-----	1
	9P9896	WIRE ASSEM.-----	1
		(Includes)	
21	5P5624	WIRE-----, 26 m(10.24 in.)	1
	5P4571	TERMINAL-----	1
22	2L8075	TERMINAL----- (To Switch)---	1
23	2S6024	FUSE-----	1
	9P9895	WIRE ASSEM.-----	1
		(Includes)	
24	5P5624	WIRE-----, 12 m(4.72 in.)	1
	2S5011	BODY-----	1
	2S5013	SPRING-----	1
	2S5014	CONTACT-----	1
25	2L8075	TERMINAL-----	1
26	5P2948	CONNECTOR-----	1
27	2N7744	SWITCH ASSEM.-----	1
28	5P3741	TEE-----	1
29	5P9085	CLIP-----	1
30	T102	BOLT-----	2
31	1D4717	NUT-----	2
32	1S9593	STRAP-----	1
33	4D7794	CLIP-----	1
	9P9897	WIRE ASSEM.-----	1
		(Includes)	
34	5P5624	WIRE-----, 07 m(2.76 in.)	1
	4S1988	TERMINAL---, 64 cm(, 25 in.) Tab	1
	2L8079	TERMINAL, 95cm(, 38 in.) Screw	1

▲ ORDER BY THE METER

170120

8P7741 WARNING AND GAUGE GROUP—Instrument Panel—Part 2





REF NO	PART NUMBER	DESCRIPTION	QTY
1	4S1988	TERMINAL-----	1
▲ 2	5P5624	WIRE-----,08m (3,15 in.)	1
3	2S5013	SPRING-----	1
4	2S6024	FUSE-----15 amp	1
4	2S8708	CONTACT-----	2
▲ 5	5P5624	WIRE-----,06 m (2,36 in.)	1
6	5P4571	TERMINAL-----	1

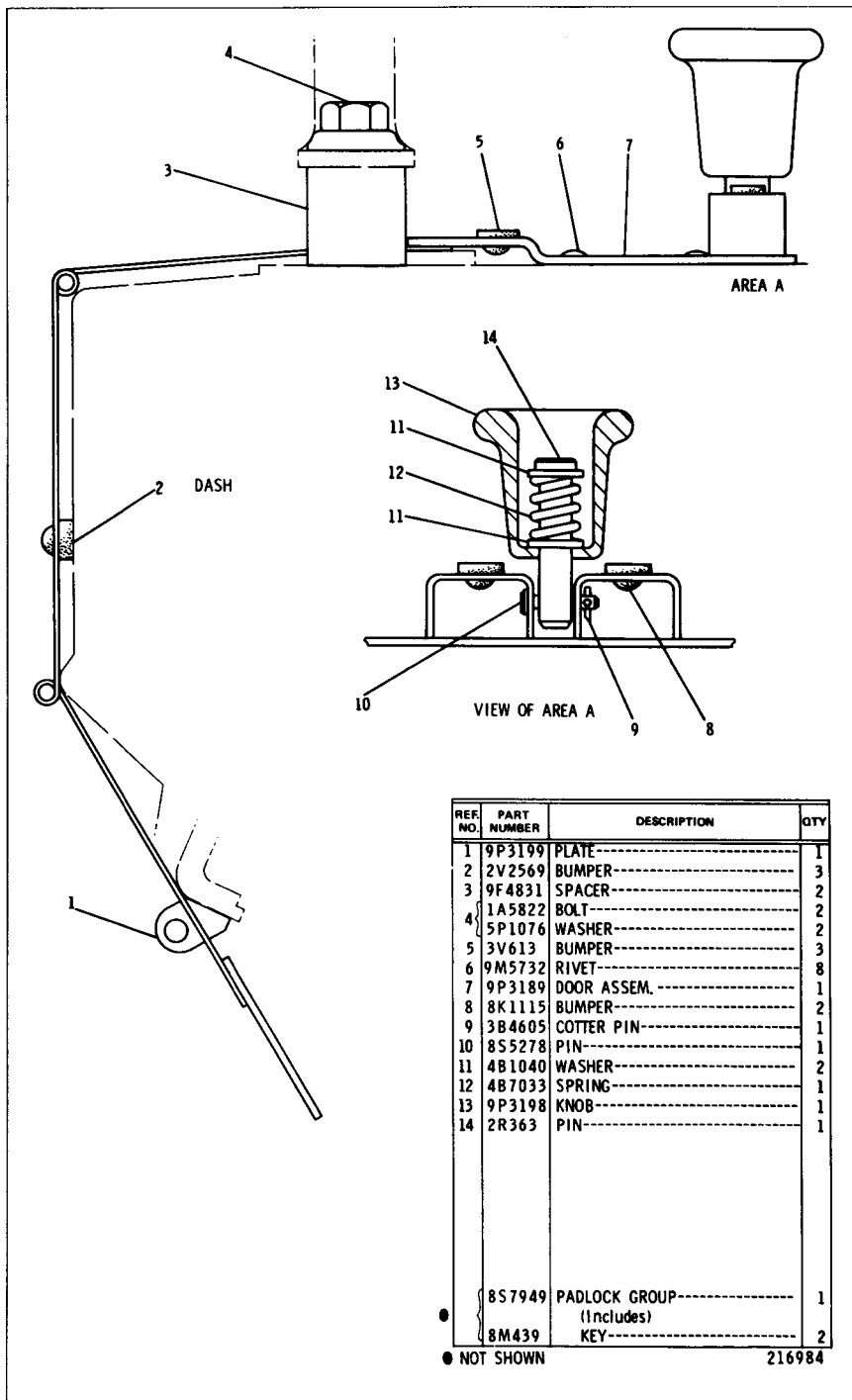
▲ ORDER BY THE METER

174551

**7N8292 FUSE HOLDER, FUSE AND WIRE KIT—Field Installation**

Provides protection from overload failure of 6N5906 Hour Meter without sealed vent holes. Those hour meters with vent holes have a white dash mark under two central figures

CATERPILLAR 977L TRACK LOADER

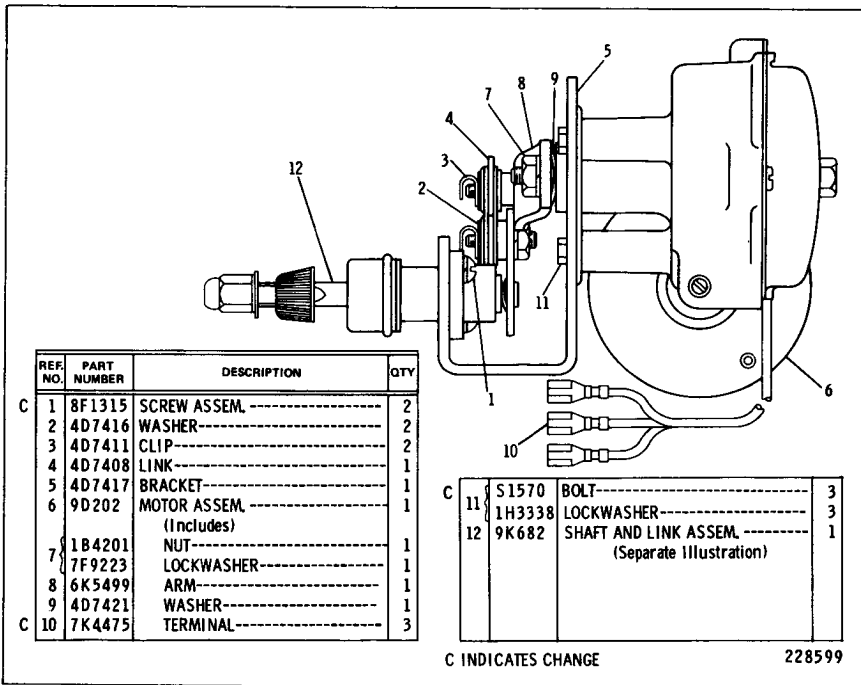


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	9P3199	PLATE-----	1
2	2V2569	BUMPER-----	3
3	9F4831	SPACER-----	2
4	1A5822	BOLT-----	2
	5P1076	WASHER-----	2
5	3V613	BUMPER-----	3
6	9M5732	RIVET-----	8
7	9P3189	DOOR ASSEM.-----	1
8	8K1115	BUMPER-----	2
9	3B4605	COTTER PIN-----	1
10	8S5278	PIN-----	1
11	4B1040	WASHER-----	2
12	4B7033	SPRING-----	1
13	9P3198	KNOB-----	1
14	2R363	PIN-----	1
●	8S7949	PADLOCK GROUP----- (Includes)	1
	8M439	KEY-----	2

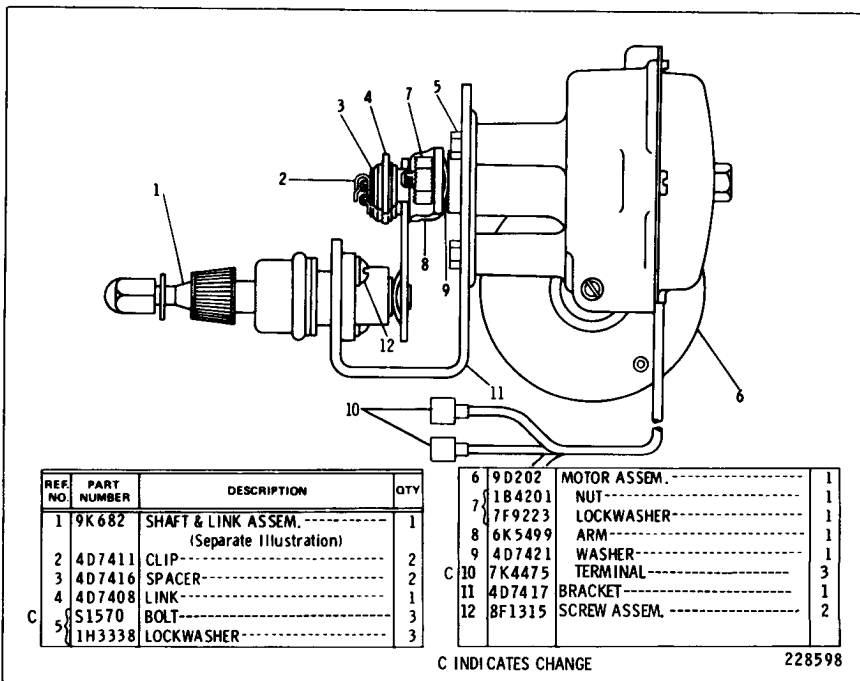
● NOT SHOWN

216984

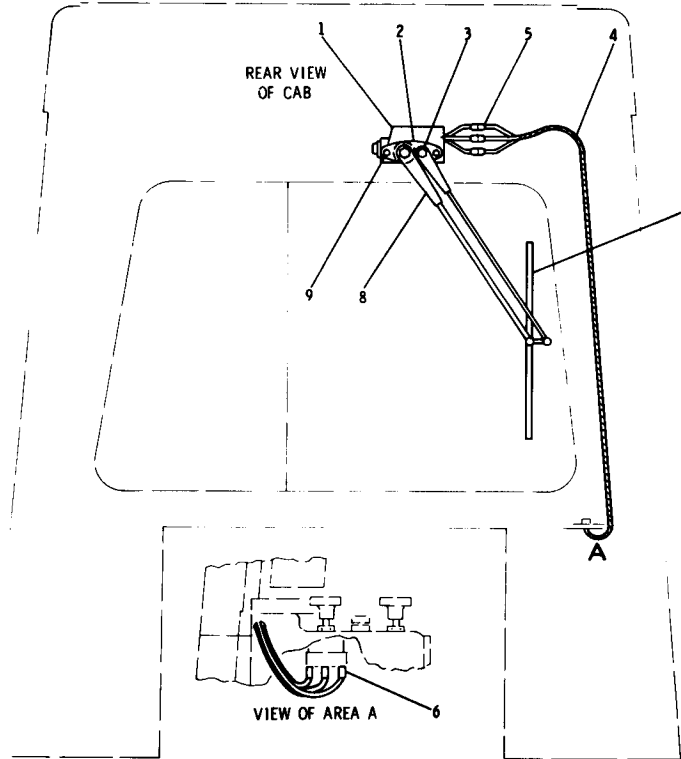
9P4317 VANDALISM GUARD GROUP  
AN ATTACHMENT



1V3079 BASIC WIPER GROUP  
 Part of 7G3324 Wiper Group shown on Page 257  
 9K682 Shaft and Link parts are shown on Page 258  
 AN ATTACHMENT



1V4358 BASIC WIPER GROUP—Field Installation  
 Part of 7G3324 Wiper Group shown on Page 256  
 9K682 Shaft and Link parts are shown on Page 258



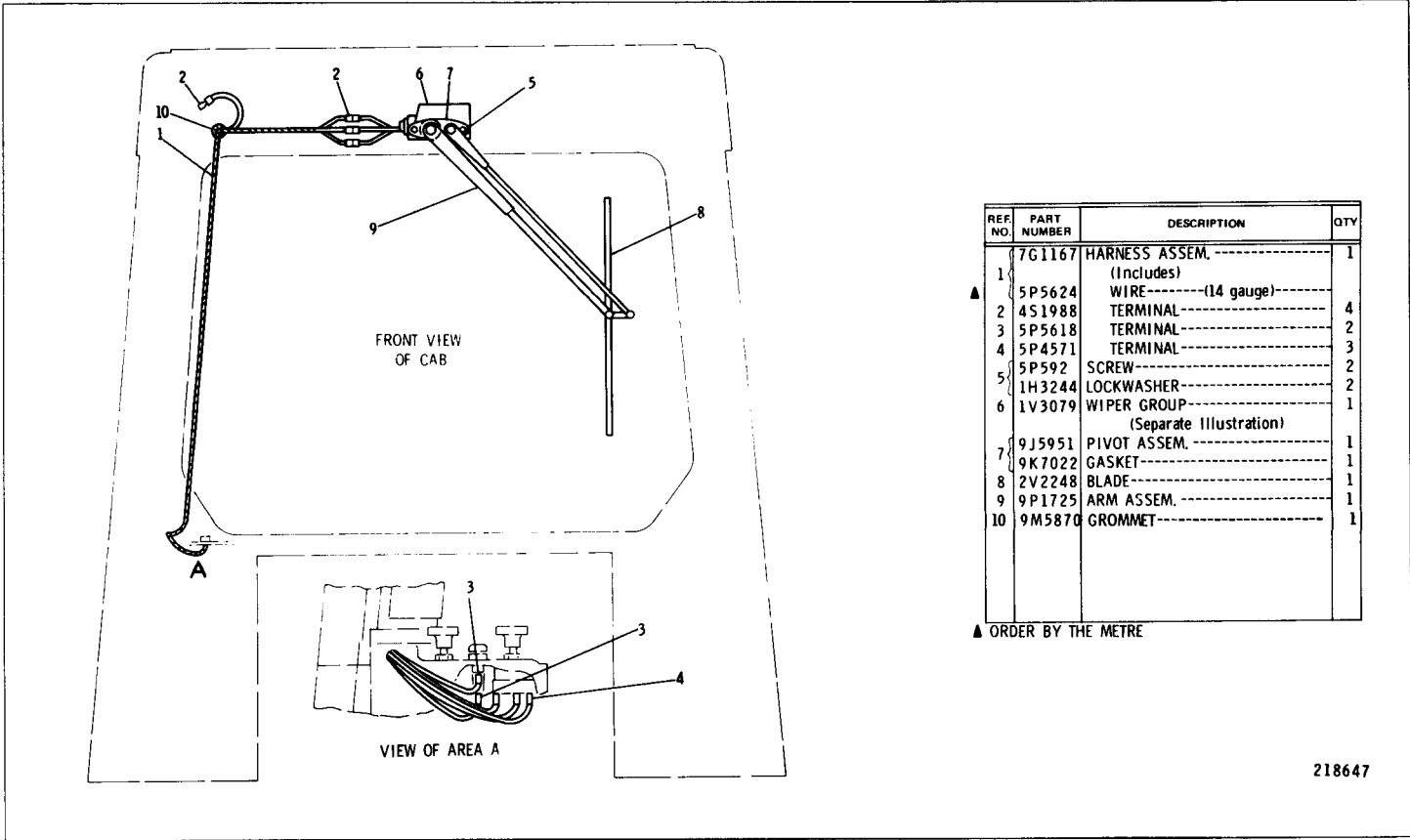
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1V4358	WIPER GROUP----- (Separate Illustration)	1
2	9K7021	PIVOT-----	1
	9K7022	GASKET-----	1
3	4D7412	NUT-----	1
	7G1168	HARNESS ASSEM.----- (Includes)	1
4	5P5624	WIRE----- (14 gauge)-----	
5	4S1988	TERMINAL-----	3
6	5P4571	TERMINAL-----	3
7	4K1077	BLADE-----	1
8	9P1726	ARM ASSEM.-----	1
9	5P592	SCREW-----	2
	1H3244	LOCKWASHER-----	2

▲ ORDER BY THE METRE

218096

7G3324 WIPER GROUP—Front and Rear—Part 1  
1V4358 Wiper parts are shown on Page 255

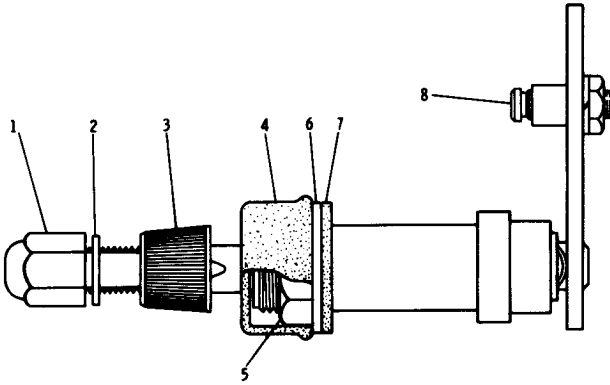
7G3324 WIPER GROUP—Front and Rear—Part 2  
 1V3079 Wiper parts are shown on Page 255



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	7G1167	HARNES ASSEM.-----	1
		(Includes)	
▲	5P5624	WIRE------(14 gauge)-----	1
2	4S1988	TERMINAL-----	4
3	5P5618	TERMINAL-----	2
4	5P4571	TERMINAL-----	3
5	5P592	SCREW-----	2
	1H3244	LOCKWASHER-----	2
6	1V3079	WIPER GROUP-----	1
		(Separate Illustration)	
7	9J5951	PIVOT ASSEM.-----	1
	9K7022	GASKET-----	1
8	2V2248	BLADE-----	1
9	9P1725	ARM ASSEM.-----	1
10	9M5870	GROMMET-----	1

▲ ORDER BY THE METRE

218647



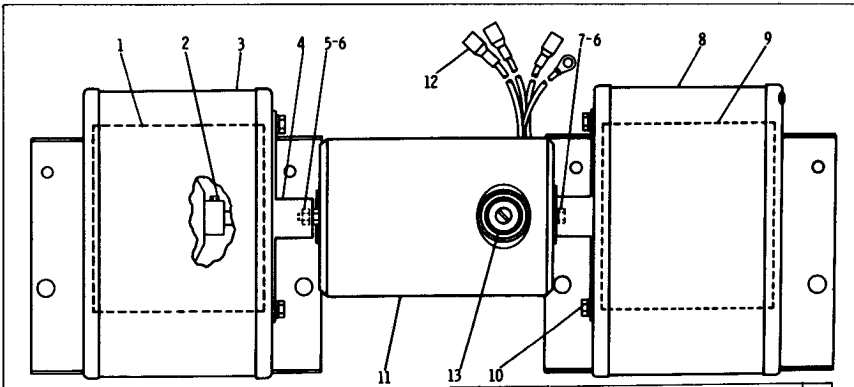
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	8D237	NUT-----	1
2	9F5644	LOCKWASHER-----	1
3	1V3658	DRIVER-----	1
4	1V3657	CAP-----	1
5	1V3656	NUT-----	1

6	4B1550	WASHER-----	1
7	9S8016	GASKET-----	1
	1V3655	STUD-----	1
8	9M1311	NUT-----	1
	1H3244	LOCKWASHER-----	1

119884

9K682 SHAFT AND LINK ASSEMBLY

Part of 1V3079 and 1V4358 Basic Wiper Groups shown on Page 255



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1P6550	WHEEL----- (Includes)	1
2	1K6979	SCREW----- (set)-----	1
3	8P4324	HOUSING ASSEM.-----	1
4	8P1291	PLATE-----	1
5	4B2049	NUT-----	2
6	9F8125	LOCKWASHER-----	4
7	8L6521	BOLT-----	2
	4B4274	WASHER-----	2
8	8P4325	HOUSING ASSEM.-----	1

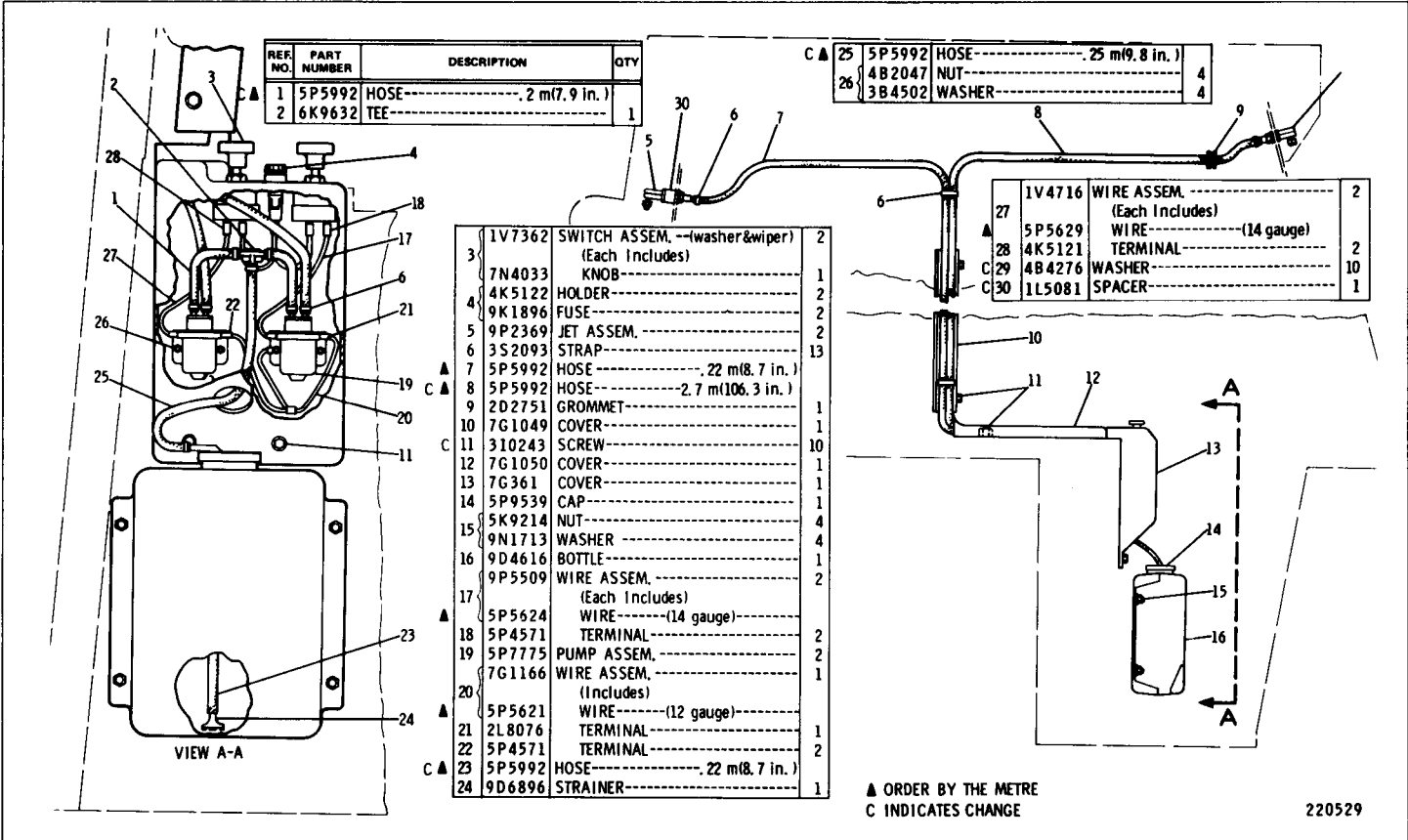
9	3P2866	WHEEL----- (Includes)	1
	1K6979	SCREW----- (set)-----	1
10	S1613	BOLT-----	8
	3B4504	LOCKWASHER-----	8
11	9P2217	MOTOR ASSEM.----- (Includes)	1
12	5P5694	CONNECTOR-----	3
13	2P5145	BRUSH-----	2

212838

9P3788 BLOWER ASSEMBLY

Part of 9P5089 Basic Pressurizer Group shown on Page 262

9P4345 WINDSHIELD WASHER GROUP



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	5P5992	HOSE-----2 m(7.9 in.)	1
2	6K9632	TEE-----	1

C ▲ 25	5P5992	HOSE-----25 m(9.8 in.)	4
26	4B2047	NUT-----	4
	3B4502	WASHER-----	4

1	1V7362	SWITCH ASSEM.--(washer&wiper)	2
		(Each Includes)	
3	7N4033	KNOB-----	1
4	4K5122	HOLDER-----	2
	9K1896	FUSE-----	2
5	9P2369	JET ASSEM.	2
6	3S2093	STRAP-----	13
▲ 7	5P5992	HOSE-----22 m(8.7 in.)	1
C ▲ 8	5P5992	HOSE-----2.7 m(106.3 in.)	1
9	2D2751	GROMMET-----	1
10	7G1049	COVER-----	1
C 11	310243	SCREW-----	10
12	7G1050	COVER-----	1
13	7G361	COVER-----	1
14	5P9539	CAP-----	1
15	5K9214	NUT-----	4
	9N1713	WASHER-----	4
16	9D4616	BOTTLE-----	1
	9P5509	WIRE ASSEM.	2
		(Each Includes)	
▲ 17	5P5624	WIRE-----14 gauge)	2
18	5P4571	TERMINAL-----	2
19	5P7775	PUMP ASSEM.	2
	7G1166	WIRE ASSEM.	1
		(Includes)	
▲ 20	5P5621	WIRE-----12 gauge)	1
21	2L8076	TERMINAL-----	1
22	5P4571	TERMINAL-----	2
C ▲ 23	5P5992	HOSE-----22 m(8.7 in.)	1
24	9D6896	STRAINER-----	1

▲ 27	1V4716	WIRE ASSEM.	2
		(Each Includes)	
28	5P5629	WIRE-----14 gauge)	2
C 29	4K5121	TERMINAL-----	10
C 30	4B4276	WASHER-----	1
	1L5081	SPACER-----	1

▲ ORDER BY THE METRE  
C INDICATES CHANGE

220529

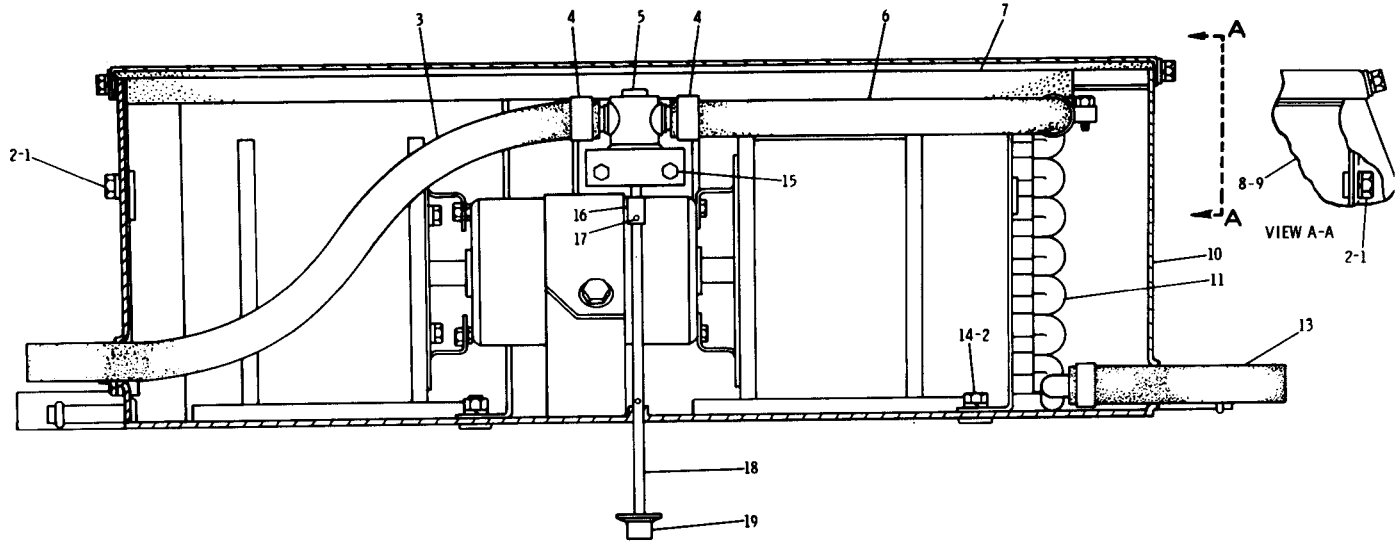
CONSISTS OF:			PAGE
1	8P4914	HEATER GROUP .....	261
1	9P8882	HEATER LINES GROUP .....	263

9P725 CAB HEATER ARRANGEMENT  
AN ATTACHMENT



8P4914 HEATER GROUP—Type 1

Part of 9P725 Cab Heater Arrangement and 9P3489 Air Conditioner Arrangement listed on Page 260 and 264. 9P5089 Pressurizer parts are shown on Page 262. AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY
	1	T102 BOLT-----	4
	2	3B4506 LOCKWASHER-----	6
	3	5P767 HOSE-----44.50 cm(17.52 in.)	1
	4	1B1169 CLAMP-----	4
	5	3P7994 VALVE-----	1
	6	5P767 HOSE-----38.10 cm(15 in.)	1
	7	7G3615 SEAL-----	1
	8	5P5671 SEAL-----, 135 m(5.32 in.)	1

C INDICATES CHANGE

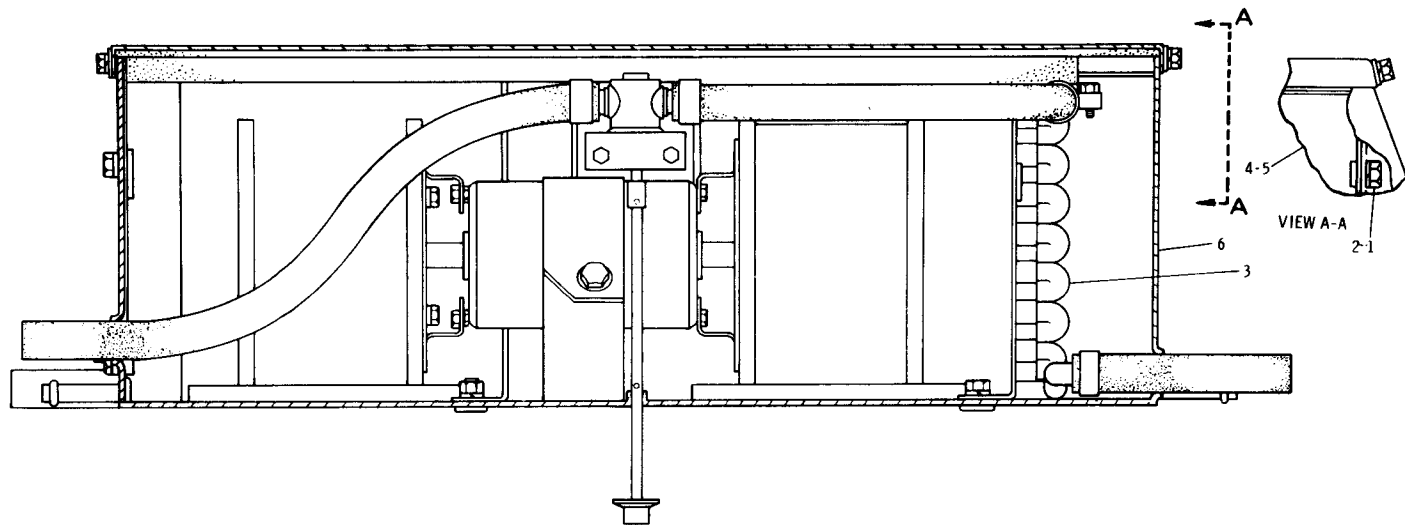
	9	8P4884 BAFFLE ASSEM-----	1
	10	9P5089 PRESSURIZER GROUP----- (Separate Illustration)	1
	11	3P7993 COIL-----	1
	13	5P767 HOSE-----10.20 cm(4.02 in.)	1
	14	1D4717 NUT-----	2

A ORDER BY THE CENTIMETER

		7B2742 BOLT-----	2
	15	3B4504 LOCKWASHER-----	2
		8P6099 SPACER-----	2
	16	8P3597 SLEEVE-----	1
	17	3H1118 PIN-----	2
	18	8P3600 ROD-----	1
	19	1P6509 KNOB-----	1

● ORDER BY THE METER

227450



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	T102	BOLT-----	2
2	3B4506	LOCKWASHER-----	2
3	9G3764	CAB HEATER GROUP----- (Separate Illustration)	1

▲ 4	5 P5671	SEAL-----, 135 m(5.32 in.)	
5	8 P4884	BAFFLE ASSEM.-----	1
6	9 P5089	PRESSUREIZER GROUP----- (Separate Illustration)	1

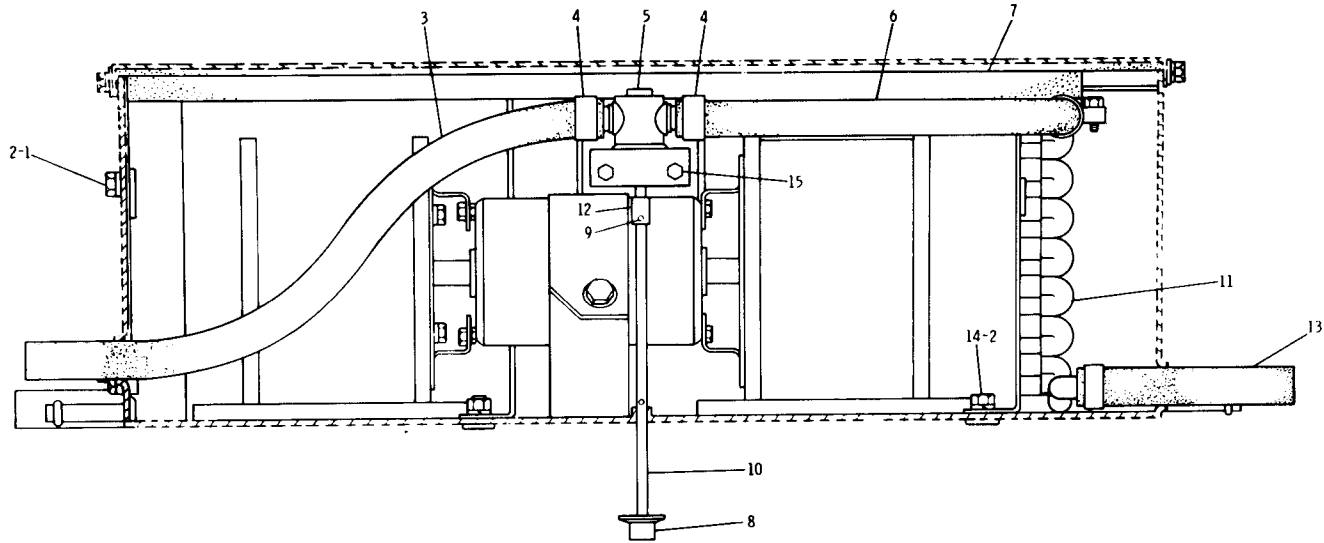
▲ ORDER BY THE METER  
C INDICATES CHANGE

174989

## 8P4914 HEATER GROUP—Type 2

Part of 9P725 Cab Heater Arrangement and 9P3489 Air Conditioner Arrangement listed on Pages 260 and 264  
9G3764 Heater and 9P5089 Pressurizer parts are shown on Pages 261B, 261D & 262. AN ATTACHMENT

**9G3764 CAB HEATER GROUP—Type 1**  
 Part of 8P4914 Heater and 9P5225 Air Conditioner Groups shown on Pages 261A & 267F  
**AN ATTACHMENT**



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	T102	BOLT-----	2
2	3B4506	LOCKWASHER-----	4
▲ 3	5P767	HOSE-----44.50 cm(17.52 in.)	1
4	5D1026	CLAMP-----	4
5	3P7994	VALVE-----	1

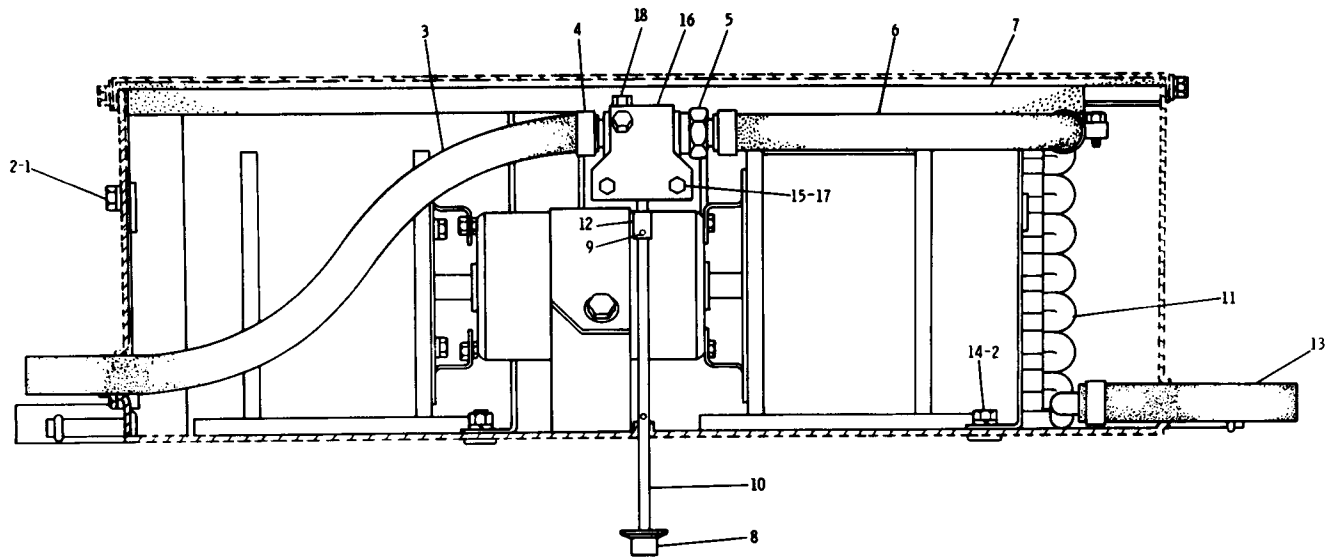
▲ 6	5P767	HOSE-----38.10 cm(15 in.)	1
7	7G3615	SEAL-----	1
8	1P6509	KNOB-----	1
9	3H1118	PIN-----	2
10	8P3600	ROD-----	1
11	3P7993	COIL-----	1
12	8P3597	SLEEVE-----	1

▲ ORDER BY THE CENTIMETER

▲ 13	5P767	HOSE-----10.20 cm(4.02 in.)	1
14	1D4717	NUT-----	2
15	7B2742	BOLT-----	2
	3B4504	LOCKWASHER-----	2
	8P6099	SPACER-----	2

174990

9G3764 CAB HEATER GROUP—Type 2  
 Part of 8P4914 Heater and 9P5225 Air Conditioner Groups shown on Pages 261A & 267F  
 AN ATTACHMENT



REF NO.	PART NUMBER	DESCRIPTION	QTY.
1	T102	BOLT-----	2
2	3B4506	LOCKWASHER-----	4
▲ 3	5P767	HOSE-----44.50 cm(17.52 in.)	1
4	5D1026	CLAMP-----	4
C 5	7G8699	VALVE-----	1
▲ 6	5P767	HOSE-----38.10cm(15 in.)	1
7	7G3615	SEAL-----	1
8	1P6509	KNOB-----	1

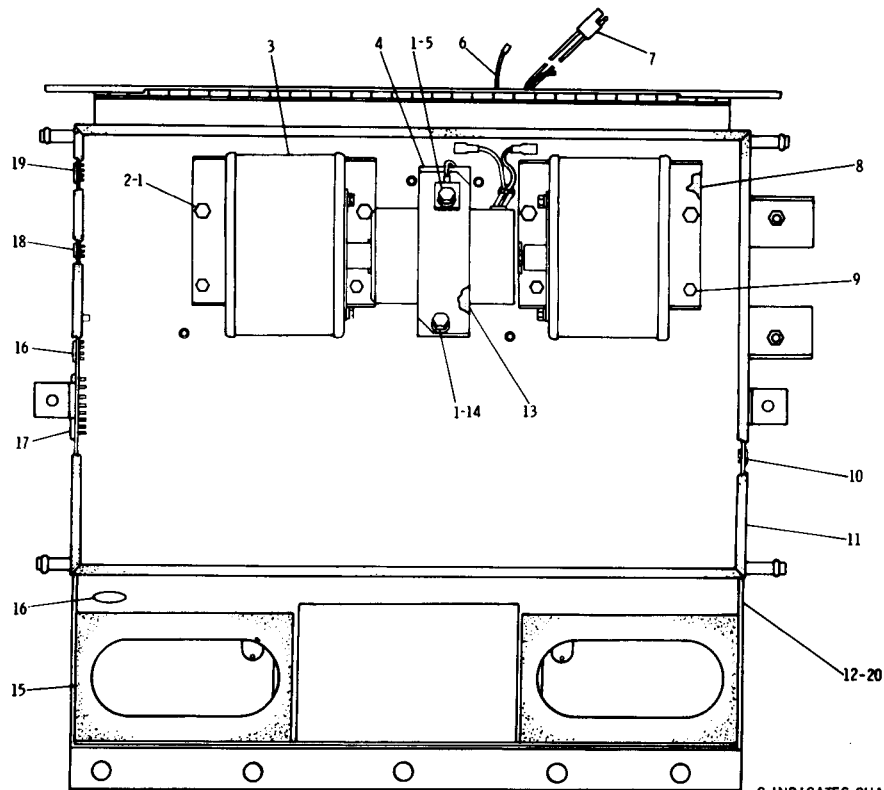
C INDICATES CHANGE

9	3H1118	PIN-----	2
10	8P3600	ROD-----	1
11	3P7993	COIL-----	1
12	8P3597	SLEEVE-----	1
▲ 13	5P767	HOSE-----10.20 cm(4.02 in.)	1
14	1D4717	NUT-----	2
	7B2742	BOLT-----	2
15	3B4504	LOCKWASHER-----	2
	8P6099	SPACER-----	2

▲ ORDER BY THE CENTIMETER

C 16	9G931	BRACKET ASSEM.-----	1
		(Includes)	
17	9F6445	NUT-----	2
C 18	2L5317	SCREW-----	2
	8F1434	LOCKWASHER-----	2

175849



C INDICATES CHANGE

REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	S1594	BOLT-----	6
	3B4506	LOCKWASHER-----	6
2	1D4717	NUT-----	4
3	9P3788	BLOWER ASSEM.-----	1
		(Separate Illustration)	
4	6P1298	STRAP-----	1
5	2H4499	LOCK-----	1
	9P6897	WIRE ASSEM.-----	1
		(Includes)	
CA 6	5P5629	WIRE-----, 36 m(14 in.)	1
	4S1988	TERMINAL----- (dome light)-----	1
	2L8079	TERMINAL-----	1
	8P6385	HARNES ASSEM.-----	1
		(Includes)	
▲ 7	5P5623	WIRE----- (16 gauge)-----	1
▲	5P5624	WIRE----- (14 gauge)-----	1
	5P4571	TERMINAL-----	6
8	6P1296	SEAL-----	2
	2A762	BOLT-----	4
9	1B4330	NUT-----	4
	3B4504	LOCKWASHER-----	4
10	3D9871	BUTTON-----	4
▲ 11	5P5657	SEAL----- 2, 25 m(88, 58 in.)	1
12	9P2385	CASE ASSEM.-----	1
▲ 13	5P5908	SEAL-----, 31 m(12, 20 in.)	1
14	4B4278	WASHER-----	1
15	8P2303	SEAL-----	2
16	7D4786	PLUG-----	3
17	6P1294	PLUG-----	1
18	5K3546	BUTTON-----	1
19	4S6336	BUTTON-----	1
20	7L6479	PLUG----- (fits 7, 87 mm(3, 31 in.) hole)	5

▲ ORDER BY THE METRE

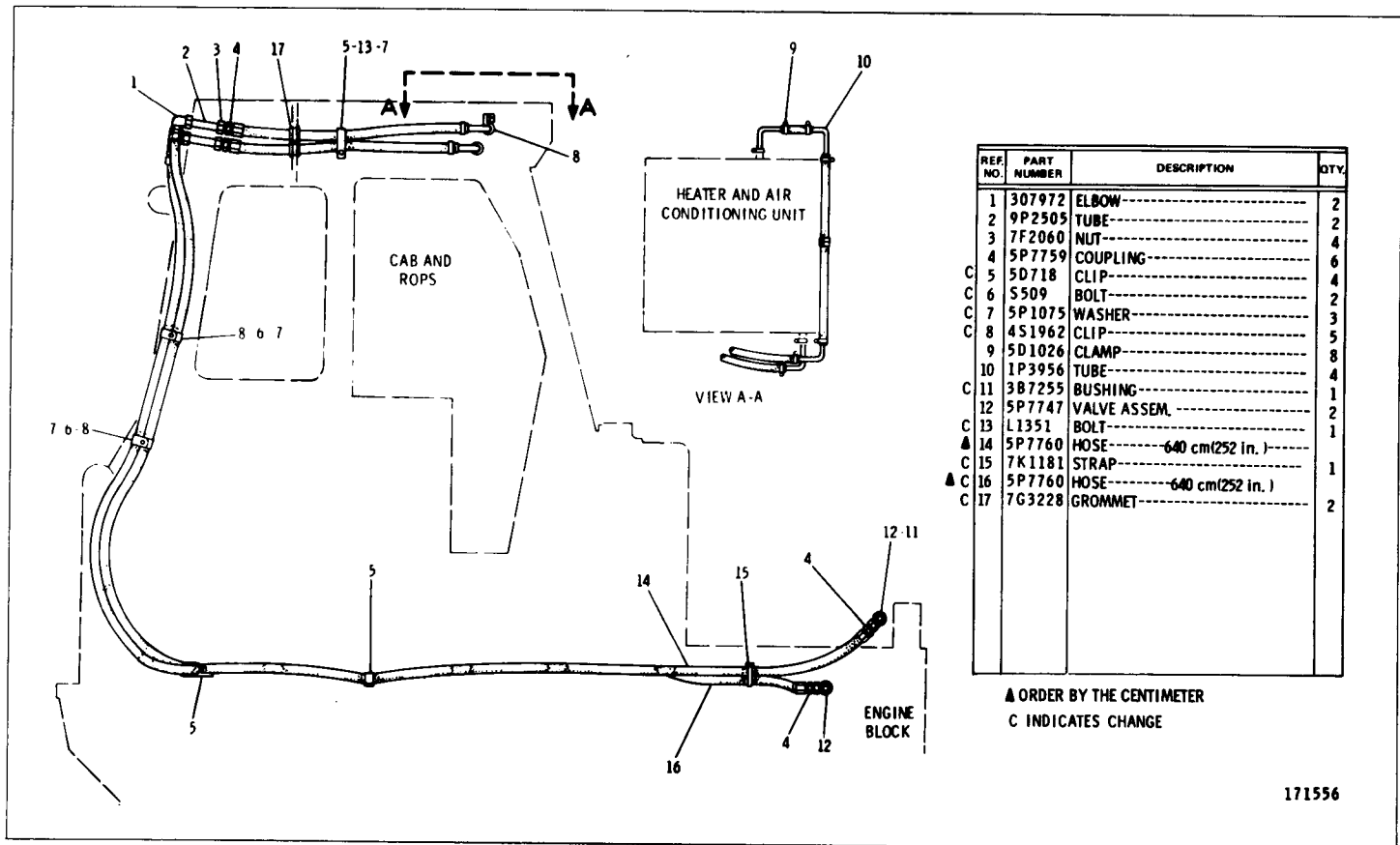
217020

## 9P5089 BASIC PRESSURIZER GROUP

Part of 8P4914 Heater Group, 8P2146 Air Conditioner Group and 9P4039 Cab Pressurizer Group shown on Pages 261, 266 and 270  
 9P3788 Blower parts are shown on Page 258

9P8882 HEATER LINES GROUP

Part of 9P725 Cab Heater Arrangement and 9P3489 Air Conditioner Arrangement listed on Pages 260 and 264  
AN ATTACHMENT

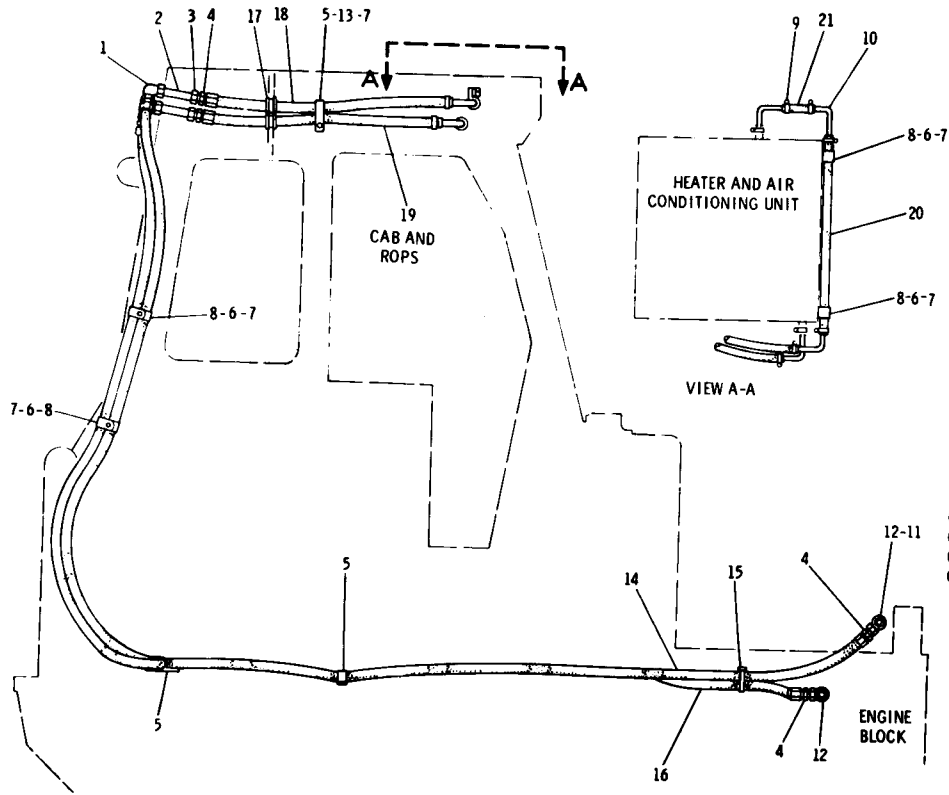


REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	307972	ELBOW-----	2
2	9P2505	TUBE-----	2
3	7F2060	NUT-----	4
4	5P7759	COUPLING-----	6
C 5	5D718	CLIP-----	4
C 6	5509	BOLT-----	2
C 7	5P1075	WASHER-----	3
C 8	4S1962	CLIP-----	5
9	5D1026	CLAMP-----	8
10	1P3956	TUBE-----	4
C 11	3B7255	BUSHING-----	1
12	5P7747	VALVE ASSEM.-----	2
C 13	L1351	BOLT-----	1
▲ 14	5P7760	HOSE-----640 cm(252 in.)-----	1
C 15	7K1181	STRAP-----	1
▲ C 16	5P7760	HOSE-----640 cm(252 in.)-----	1
C 17	7G3228	GROMMET-----	2

▲ ORDER BY THE CENTIMETER  
C INDICATES CHANGE

171556

**9P8882 HEATER LINES GROUP—Type 2**  
 Part of 9P725 Cab Heater and 9P3489 Air Conditioner Arrangements listed on Pages 260 and 264  
 AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	307972	ELBOW-----	2
2	9P2505	TUBE-----	2
3	7F2060	NUT-----	4
4	5P7759	COUPLING-----	6
5	5D718	CLIP-----	4
C 6	5S09	BOLT-----	4
C 7	5M2894	WASHER-----	5
C 8	6V1889	CLIP-----	6
C 9	5D1026	CLAMP-----	8
10	1P3956	TUBE-----	4
11	3B7255	BUSHING-----	2
12	5P7747	VALVE ASSEM.	1
13	L1351	BOLT-----	1
▲ 14	5P7760	HOSE-----640 cm(252 in.)	1
15	7K1181	STRAP-----	1
▲ 16	5P7760	HOSE-----640 cm(252 in.)	1
17	7G3228	GROMMET-----	2
C ▲ 18	5P7760	HOSE-----80 cm(31.4 in.)	2
C ▲ 19	5P7760	HOSE-----75 cm(29.5 in.)	
C ▲ 20	5P7760	HOSE-----71 cm(27.9 in.)	
C ▲ 21	5P7760	HOSE-----19 cm(7.4 in.)	

▲ ORDER BY THE CENTIMETER  
 C INDICATES CHANGE

175099

CATERPILLAR 977L TRACK LOADER

		CONSISTS OF:	PAGE
1	6N206	COMPRESSOR ARRANGEMENT .....	265
1	9P729	MOUNTING AND CONDENSER GROUP .....	272B
1	9P2045	COMPRESSOR HARNESS ASSEMBLY .....	272A
1	9P3488	AIR CONDITIONER LINES GROUP .....	268
1	9P8882	HEATER LINES GROUP .....	263
1	9S6591	ALTERNATOR ARRANGEMENT .....	75
1	8P2146	AIR CONDITIONER GROUP .....	266
1	8P4914	HEATER GROUP .....	261
1	6N9349	CIRCUIT BREAKER--30 AMPERE	

**9P3489 AIR CONDITIONER ARRANGEMENT—Heats and Cools—Type 1  
AN ATTACHMENT**

		CONSISTS OF:	PAGE
1	6N206	COMPRESSOR ARRANGEMENT .....	265
1	9P5225	AIR CONDITIONER GROUP .....	267F
1	9P729	MOUNTING AND CONDENSER GROUP .....	272B
1	9P2045	COMPRESSOR HARNESS ASSEMBLY .....	272A
1	9P3488	AIR CONDITIONER LINES GROUP .....	268
1	9P8882	HEATER LINES GROUP .....	263
1	6N9349	CIRCUIT BREAKER--30 AMPERE	
	5P1313	REFRIGERANT 18 HG	

**9P3489 AIR CONDITIONER ARRANGEMENT—Heats & Cools—Type 2  
FOR USE WITH 24 VOLT, 50 AMPERE ALTERNATOR ONLY  
AN ATTACHMENT**



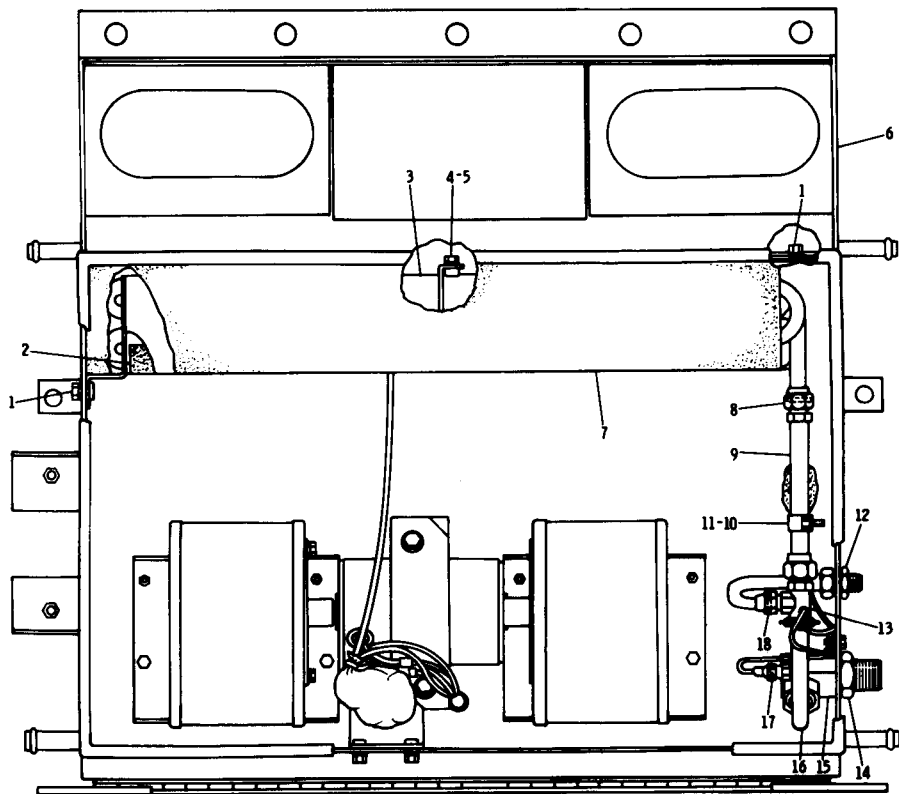
CONSISTS OF:		PAGE
1	4N6016 REFRIGERANT COMPRESSOR GROUP .....	269
1	6N1134 FUMES DISPOSAL GROUP .....	28
- OR -		
1	8N233 FUMES DISPOSAL GROUP .....	28A
1	9L6125 VEE BELT	
1	4N6381 COMPRESSOR DRIVE PULLEY ASSEMBLY	
CONSISTING OF:		
6	4S6137 STUD	

**6N206 REFRIGERANT COMPRESSOR ARRANGEMENT  
FOR USE WITH 24 VOLT, 50 AMPERE ALTERNATOR**  
Also part of 9P3489 Air Conditioner Arrangement listed on Page 264  
AN ATTACHMENT

REF. NO.	PART NUMBER	DESCRIPTION	QTY
	1	1P6416 COMPRESSOR GROUP-----	1
C	2	7N4295 REFRIGERANT COMPRESSOR KIT-- (Includes coil assem., cover kit, drive assem., key, nut, pulley assem., rings, seals, seal kit, shield group and sleeve.)	1
C	3	7N809 KEY-----	1
C	4	6N8639 NUT-----	1
C	5	145111 SCREW-----	3
C	6	1P6355 VALVE ASSEM.-----	1
C	7	1H8171 SEAL-----	2

C INDICATES CHANGE 213717

**1P2780 REFRIGERANT COMPRESSOR GROUP**  
Part of 4N6016 Refrigerant Compressor Group listed on Page 269  
AN ATTACHMENT



C INDICATES CHANGE

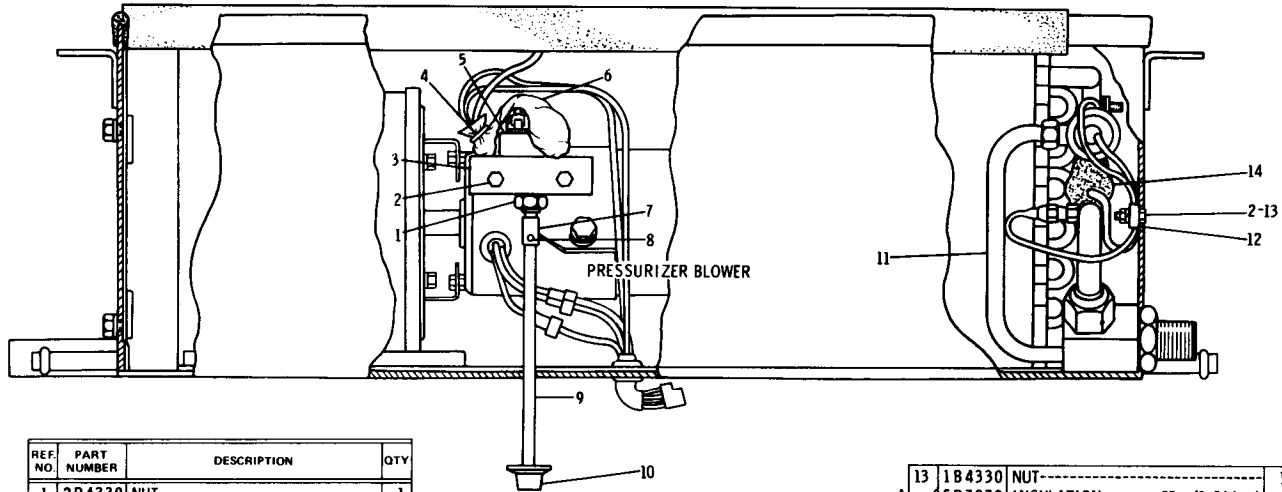
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	71102	BOLT-----	4
2	3B4506	LOCKWASHER-----	4
▲ 3	5P5671	SEAL-----L.08 m(42.52 in.)	1
3	8P4709	COIL-----	1
C 4	S1614	BOLT-----	1
5	3B4504	LOCKWASHER-----	2
C 6	9P5089	PRESSURIZER GROUP (Separate Illustration)	1
7	8P4882	SEAL-----	1
8	6M5062	SEAL-----	2
9	8P3599	TUBE ASSEM.-----	1
10	8J1256	CLIP-----	1
C 11	2A762	BOLT-----	1
12	1B9982	NUT-----	1
12	1K4702	WASHER-----	1
C 13	2G401	VALVE-----	1
14	6P1303	NUT-----	1
15	9P2185	FITTING ASSEM.-----	1
16	9P2188	TUBE ASSEM.-----	1
17	5L4758	SEAL-----	2
17	5P6458	SEAL-----	1
18	5F9144	SEAL-----	1

▲ ORDER BY THE METRE

215941

8P2146 AIR CONDITIONER GROUP—Part 1  
 Part of 9P3489 Air Conditioner Arrangement listed on Page 264  
 9P5089 Pressurizer parts are shown on Page 262  
 AN ATTACHMENT

8P2146 AIR CONDITIONER GROUP—Part 2  
 Part of 9P3489 Air Conditioner Arrangement listed on Page 264  
 AN ATTACHMENT



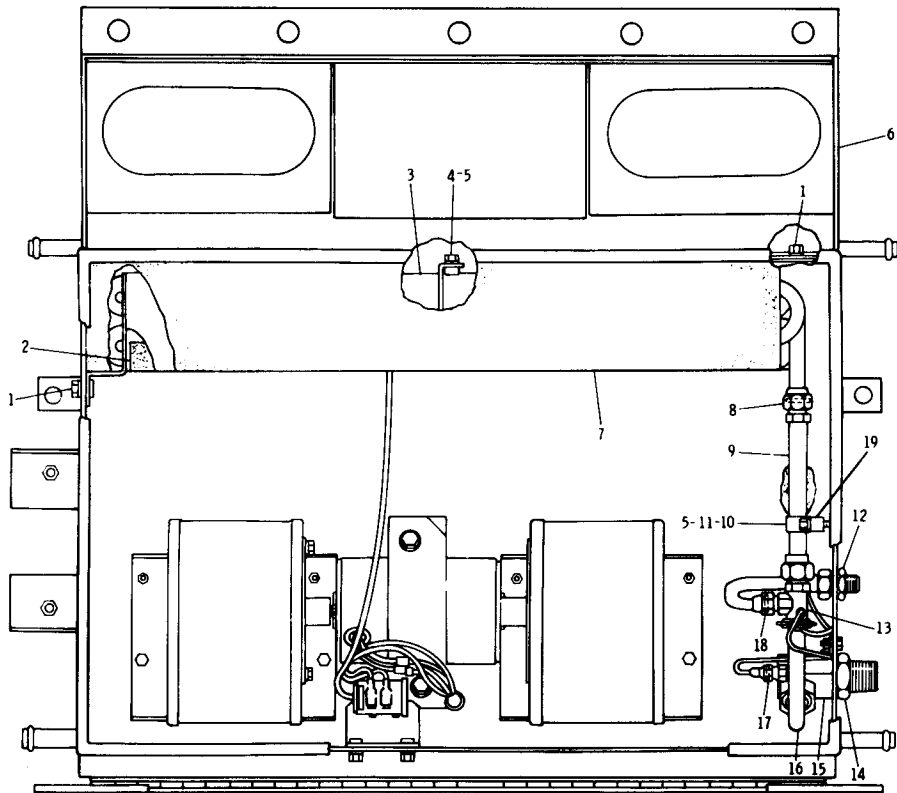
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	2P4339	NUT-----	1
2	2A762	BOLT-----	3
3	3B4504	LOCKWASHER-----	3
3	8P2111	BRACKET ASSEM.-----	1
4	677135	STRAP-----	1
C 5	9P3498	SWITCH----- (thermostat)-----	1
6	1V9647	BAG-----	1
7	8P3597	SLEEVE-----	1
8	3H1118	PIN-----	2
9	8P3598	ROD-----	1
10	1P6509	KNOB-----	1
11	8P4710	TUBE ASSEM.-----	1
12	1P6525	CLAMP-----	1

13	1B4330	NUT-----	1
▲	5P7070	INSULATION----- 25 m(9.84 in.)	1
14	6P1299	CLAMP-----	1
	1P6524	SCREW-----	1
C	SMHS7000	FORM----- (installing switch)-----	1

C INDICATES CHANGE

▲ ORDER BY THE METRE

215394



C INDICATES CHANGE

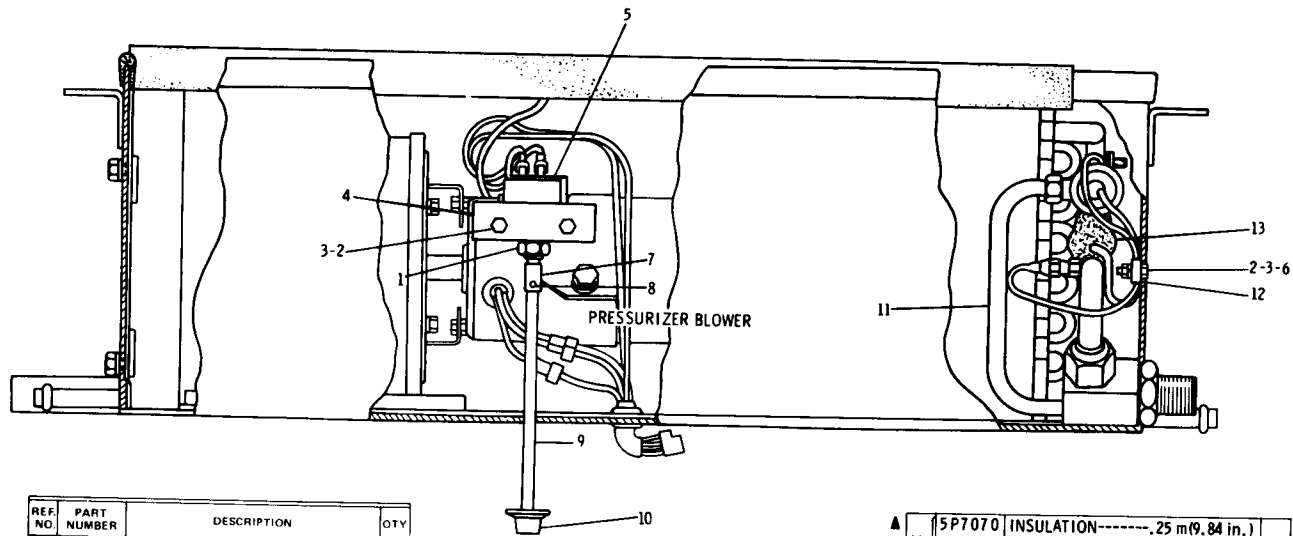
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	Y102	BOLT-----	4
	3B4506	LOCKWASHER-----	4
C▲	2	5P5671 SEAL----- (.54 m(21.26 in.))	1
	3	8P4709 COIL-----	1
	4	S1614 BOLT-----	1
	5	3B4504 LOCKWASHER-----	2
	6	9P5089 PRESSURIZER GROUP----- (Separate Illustration)	1
C	7	7G3616 SEAL-----	1
	8	6M5062 SEAL-----	2
	9	8P3599 TUBE ASSEM.-----	1
	10	8J1256 CLIP-----	1
C	11	1B4330 NUT-----	1
	12	1B9982 NUT-----	1
	13	1K4702 WASHER-----	1
	14	2G401 VALVE-----	1
	15	6P1303 NUT-----	1
	16	9P2185 FITTING ASSEM.-----	1
	17	9P2188 TUBE ASSEM.-----	1
	18	5L4758 SEAL-----	2
	19	5P6458 SEAL-----	1
C	19	5F9144 SEAL-----	1
	19	3S6696 SPACER-----	1

▲ ORDER BY THE METRE

220614

8P2146 AIR CONDITIONER GROUP—Part 1—Type 2  
 Part of 9P3489 Air Conditioner Arrangement listed on Page 264  
 9P5089 Pressurizer parts are shown on Page 262. AN ATTACHMENT

8P2146 AIR CONDITIONER GROUP—Part 2—Type 2  
 Part of 9P3489 Air Conditioner Arrangement listed on Page 264  
 AN ATTACHMENT



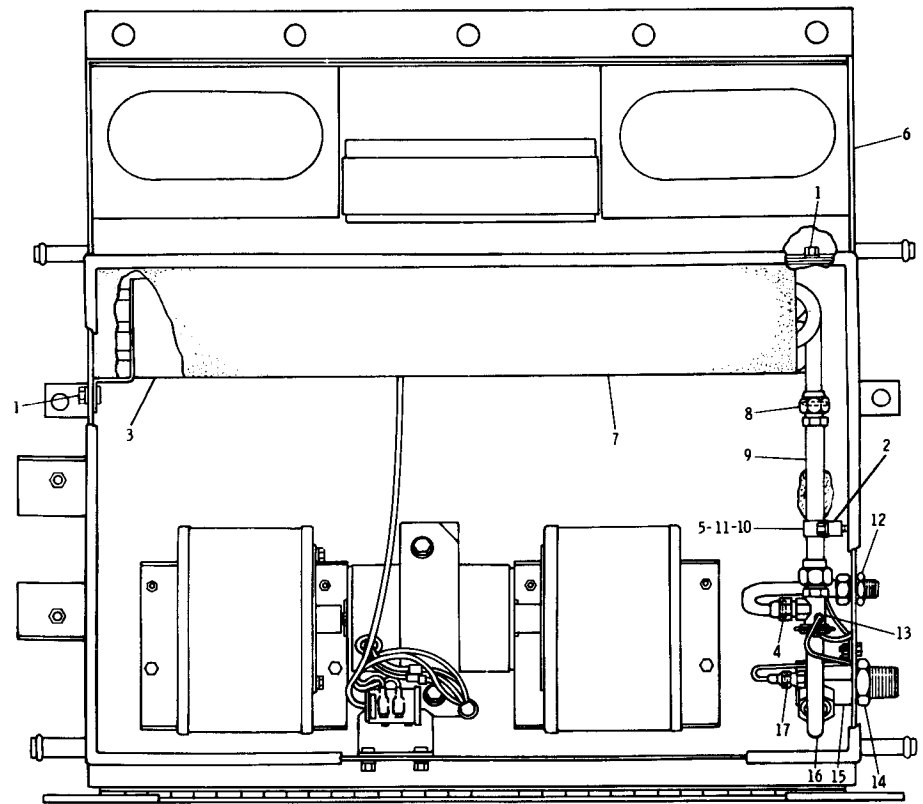
REF NO.	PART NUMBER	DESCRIPTION	QTY
1	2P4339	NUT-----	1
2	2A762	BOLT-----	3
3	3B4504	LOCKWASHER-----	3
4	8P2111	BRACKET ASSEM.-----	1
5	9P3498	SWITCH----- (thermostat)	1
6	1B4330	NUT-----	1
7	8P3597	SLEEVE-----	1
8	3H1118	PIN-----	2
9	8P3598	ROD-----	1
10	1P6509	KNOB-----	1
11	8P4710	TUBE ASSEM.-----	1
12	1P6525	CLAMP-----	1

▲	5P7070	INSULATION----- .25 m(9.84 in.)		
	13	6P1299	CLAMP-----	1
		1P6524	SCREW-----	1
		SMHS7000	FORM----- (installing switch)	1

C INDICATES CHANGE

▲ ORDER BY THE METRE

220615



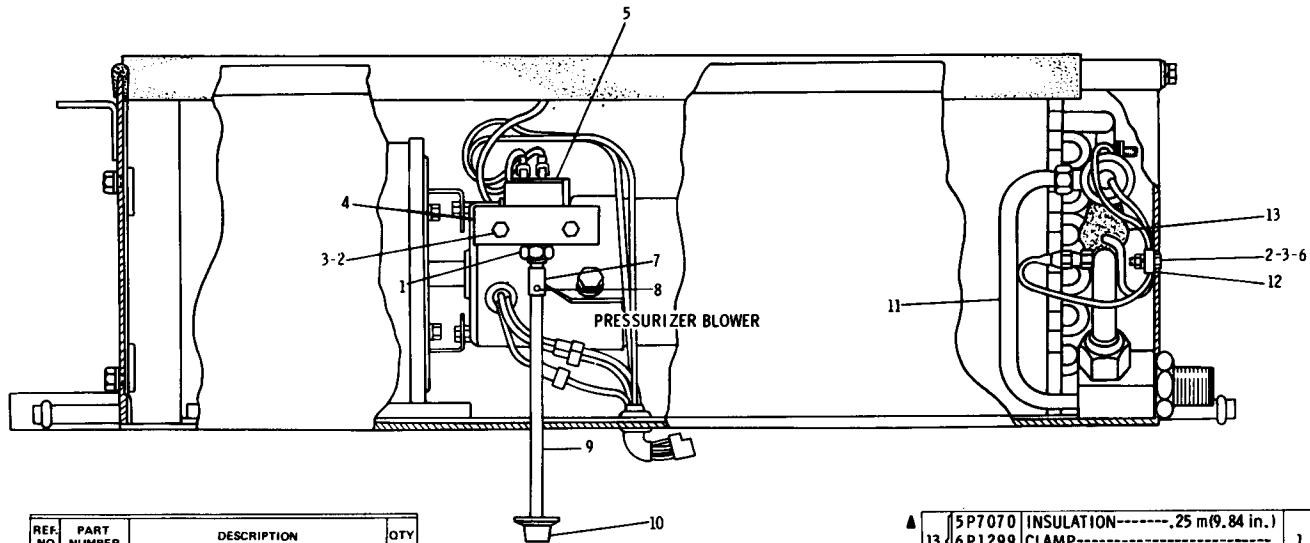
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	T102	BOLT-----	4
	3B4506	LOCKWASHER-----	4
2	3S6696	SPACER-----	1
C 3	7G3474	COIL-----	1
	4 5F9144	SEAL-----	1
C 5	3B4504	LOCKWASHER-----	1
	6 9P5089	PRESSURIZER GROUP----- (Separate Illustration)	1
7	7G3616	SEAL-----	1
8	6M5062	SEAL-----	2
9	8P3599	TUBE ASSEM.-----	1
10	8J1256	CLIP-----	1
11	1B4330	NUT-----	1
12	1B9982	NUT-----	1
	1K4702	WASHER-----	1
13	2G401	VALVE-----	1
14	6P1303	NUT-----	1
15	9P2185	FITTING ASSEM.-----	1
16	9P2188	TUBE ASSEM.-----	1
	5L4758	SEAL-----	2
17	5P6458	SEAL-----	1

C INDICATES CHANGE

175850

8P2146 AIR CONDITIONER GROUP—Part 1—Type 3  
 Part of 9P3489 Air Conditioner Arrangement and 9P5225 Air Conditioner Group shown on Pages 264 & 267F  
 9P5089 Pressurizer parts are shown on Page 262. AN ATTACHMENT

**8P2146 AIR CONDITIONER GROUP—Part 2—Type 3**  
 Part of 9P3489 Air Conditioner Arrangement and 9D5225 Air Conditioner Group shown on Pages 264 and 267F  
**AN ATTACHMENT**

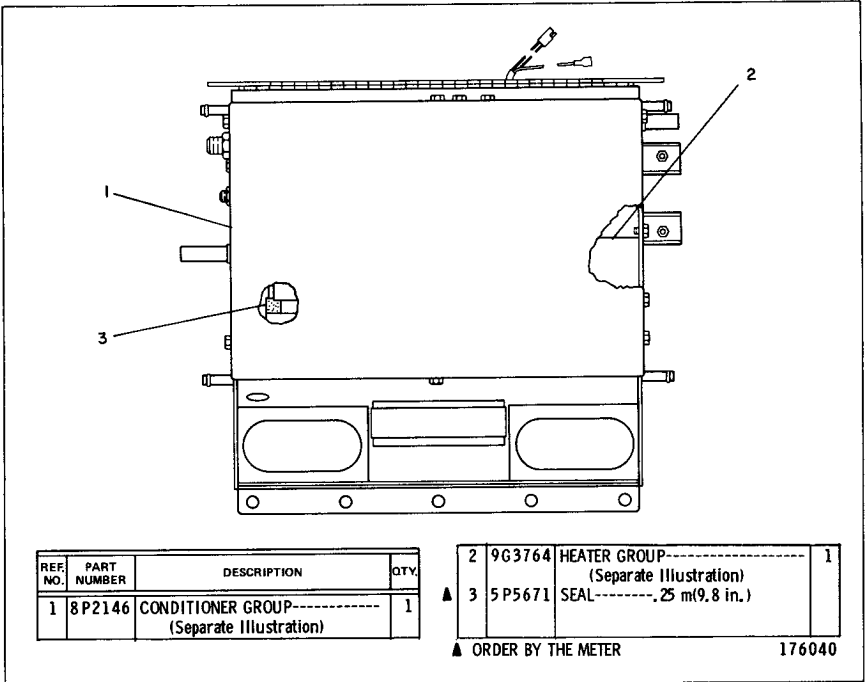


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	2P4339	NUT-----	1
2	2A762	BOLT-----	3
3	3B4504	LOCKWASHER-----	3
4	8P2111	BRACKET ASSEM.-----	1
5	9P3498	SWITCH----- (thermostat)-----	1
6	1B4330	NUT-----	1
7	8P3597	SLEEVE-----	1
8	3H1118	PIN-----	2
9	8P3598	ROD-----	1
10	1P6509	KNOB-----	1
11	8P4710	TUBE ASSEM.-----	1
12	1P6525	CLAMP-----	1

▲	5P7070	INSULATION-----, 25 m(9.84 in.)	
13	6P1299	CLAMP-----	1
	1P6524	SCREW-----	1
	SMHS 7000	FORM----(Installing Switch)-----	1

▲ ORDER BY THE METER

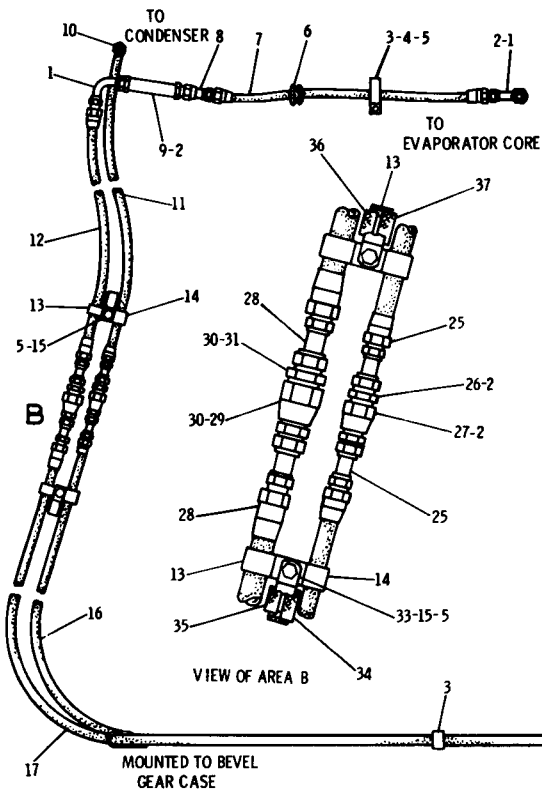
175851



9P5225 AIR CONDITIONER GROUP

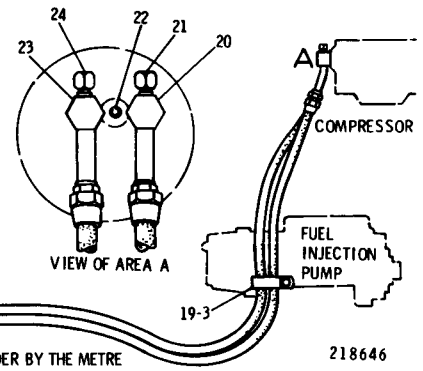
Part of 9P3489 Air Conditioner Arrangement listed on Page 264. 9G3764 Heater and 8P2146 Air Conditioner parts are shown on Pages 261B, 261D and 266 through 267D AN ATTACHMENT





REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	5P6673	COUPLING-----	2
2	1S8947	SEAL-----	5
3	5D718	CLIP-----	6
4	T102	BOLT-----	1
5	5P1075	WASHER-----	4
6	7G3228	GROMMET-----	1
7	5P5676	HOSE-----,86 m (33,86 in.)	1
8	5P6723	COUPLING-----	1
9	9P2503	TUBE-----	1
9	6P1303	NUT-----	2
10	5P482	COUPLING-----	1
10	6M5062	SEAL-----	1
11	5P5645	HOSE-----1,25 m (49,22 in.)	3
12	5P5676	HOSE-----1,04 m (41 in.)	2
13	3P2404	CLIP-----	3
14	4S1962	CLIP-----	2
15	L1351	BOLT-----	3
16	5P5645	HOSE-----3,9 m (153,54 in.)	1
17	5P5676	HOSE-----3,9 m (153,54 in.)	1
18	7L6326	CLIP-----	1
19	4B4280	WASHER-----	1
20	5P7198	COUPLING-----	1
21	2L1224	(Includes) CAP-----	1
22	S1748	BOLT-----	1
22	4B4278	WASHER-----	1
23	5P7199	COUPLING-----	1
24	2L1224	(Includes) CAP-----	1

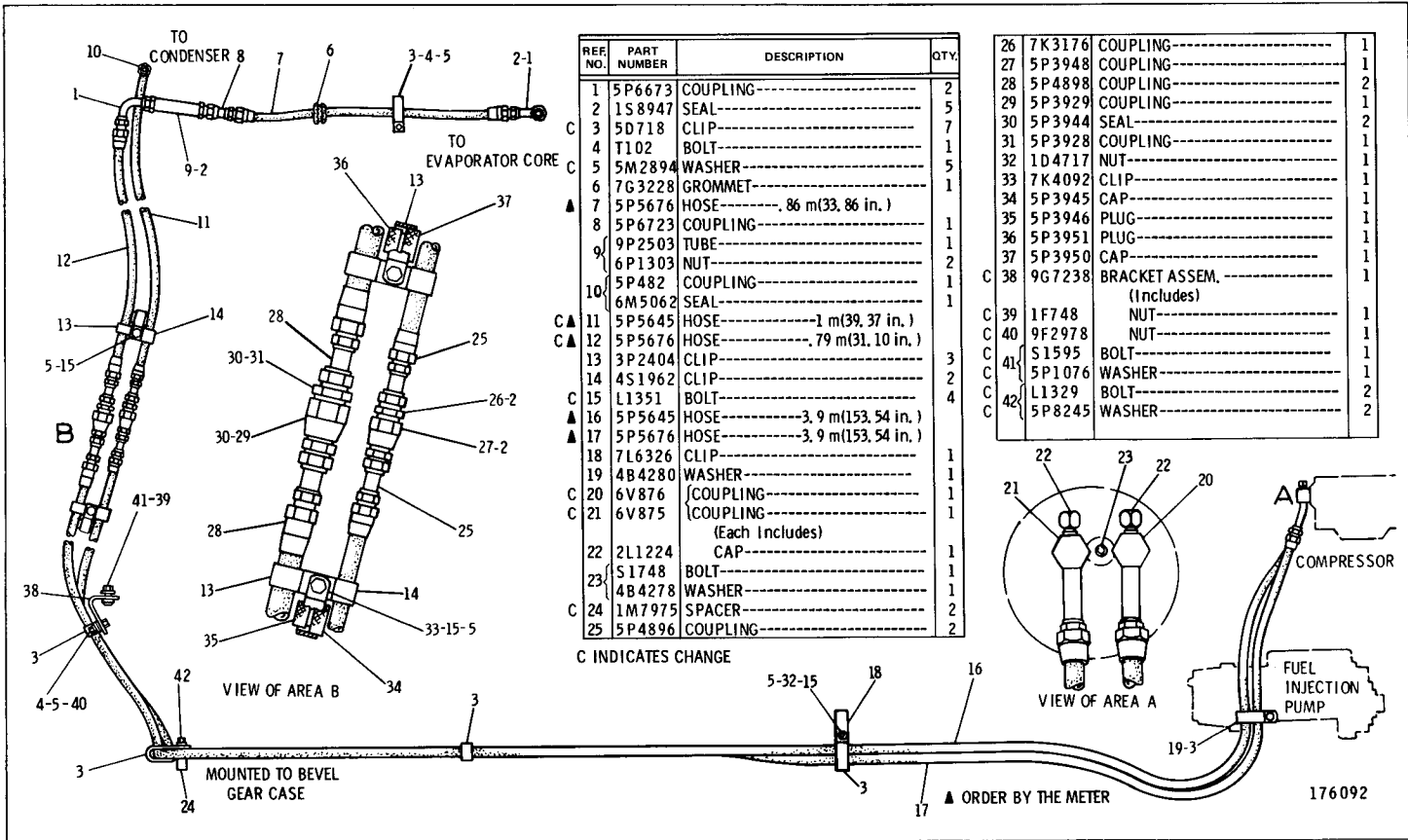
25	5P4896	COUPLING-----	2
26	7K3176	COUPLING-----	1
27	5P3948	COUPLING-----	1
28	5P4898	COUPLING-----	2
29	5P3929	COUPLING-----	1
30	5P3944	SEAL-----	2
31	5P3928	COUPLING-----	1
32	1D4717	NUT-----	1
33	7K4092	CLIP-----	1
34	5P3945	CAP-----	1
35	5P3946	PLUG-----	1
36	5P3951	PLUG-----	1
37	5P3950	CAP-----	1



9P3488 AIR CONDITIONER LINES GROUP  
 Part of 9P3489 Air Conditioner Arrangement listed on Page 264  
 AN ATTACHMENT

218646

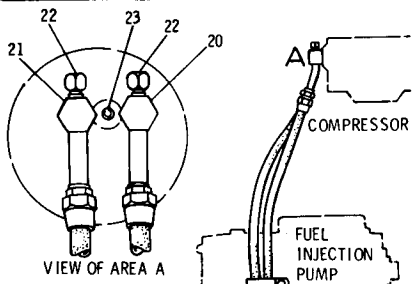
**9P3488 AIR CONDITIONER LINES GROUP—Type 2**  
 Part of 9P3489 Air Conditioner Arrangement listed on Page 264  
**AN ATTACHMENT**



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	5P6673	COUPLING-----	2
2	1S8947	SEAL-----	5
3	5D718	CLIP-----	7
4	T1102	BOLT-----	1
5	5M2894	WASHER-----	5
6	7G3228	GROMMET-----	1
7	5P5676	HOSE----- .86 m(33.86 in.)	1
8	5P6723	COUPLING-----	1
9	9P2503	TUBE-----	1
	6P1303	NUT-----	2
10	5P482	COUPLING-----	1
	6M5062	SEAL-----	1
C▲	5P5645	HOSE----- 1 m(39.37 in.)	1
C▲	5P5676	HOSE----- .79 m(31.10 in.)	1
13	3P2404	CLIP-----	3
14	4S1962	CLIP-----	2
15	L1351	BOLT-----	4
C	5P5645	HOSE----- 3.9 m(153.54 in.)	1
▲	5P5676	HOSE----- 3.9 m(153.54 in.)	1
17	7L6326	CLIP-----	1
19	4B4280	WASHER-----	1
C	6V876	COUPLING-----	1
C	6V875	COUPLING-----	1
		(Each Includes)	
22	2L1224	CAP-----	1
23	S1748	BOLT-----	1
	4B4278	WASHER-----	1
C	1M7975	SPACER-----	2
25	5P4896	COUPLING-----	2

26	7K3176	COUPLING-----	1	
27	5P3948	COUPLING-----	1	
28	5P4898	COUPLING-----	2	
29	5P3929	COUPLING-----	1	
30	5P3944	SEAL-----	2	
31	5P3928	COUPLING-----	1	
32	1D4717	NUT-----	1	
33	7K4092	CLIP-----	1	
34	5P3945	CAP-----	1	
35	5P3946	PLUG-----	1	
36	5P3951	PLUG-----	1	
37	5P3950	CAP-----	1	
C	9G7238	BRACKET ASSEM.-----	1	
		(Includes)		
C	39	1F748	NUT-----	1
C	40	9F2978	NUT-----	1
C	41	S1595	BOLT-----	1
C	41	5P1076	WASHER-----	1
C	42	L1329	BOLT-----	2
C	42	5P8245	WASHER-----	2

C INDICATES CHANGE

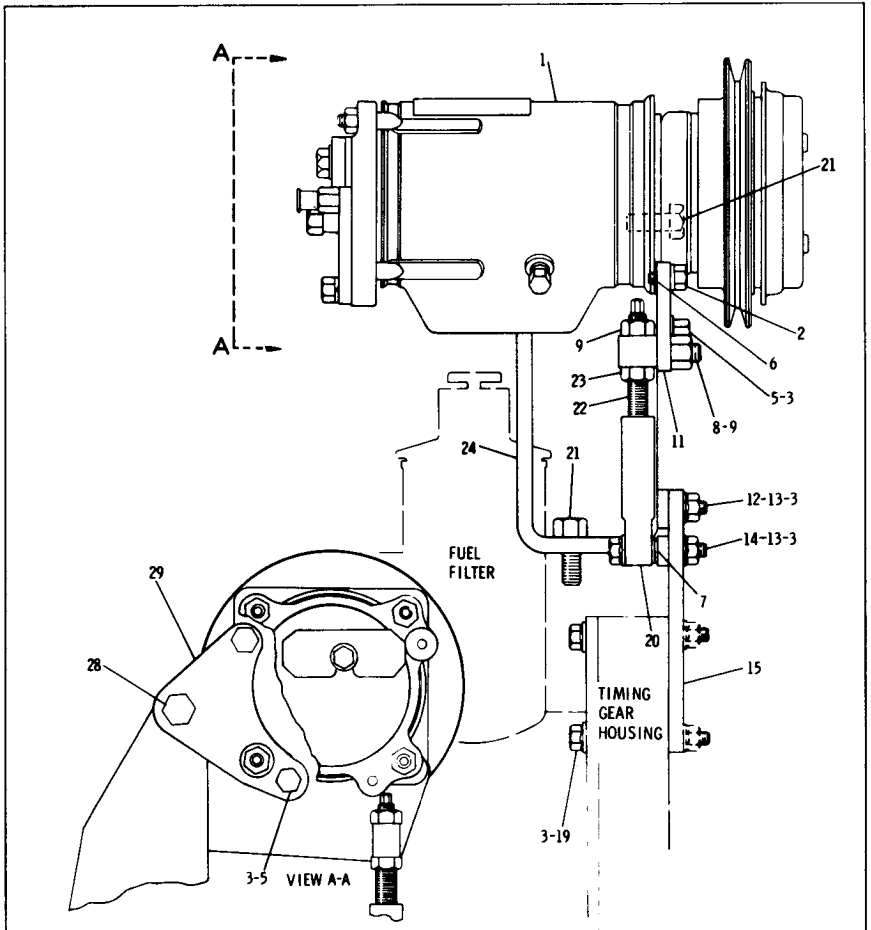


▲ ORDER BY THE METER

176092

CAB, GAUGES AND ACCESSORIES

268A



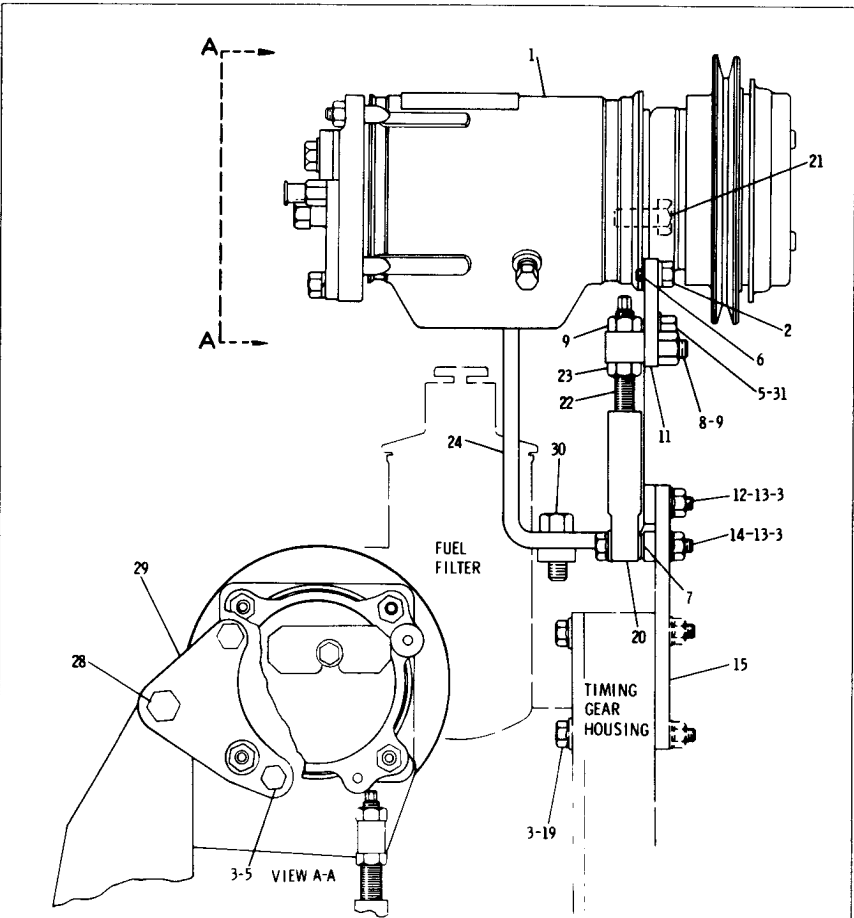
REF NO	PART NUMBER	DESCRIPTION	QTY
1	1P2780	COMPRESSOR GROUP----- (Separate Illustration)	1
2	4B9883	BOLT-----	2
3	9M1974	WASHER-----	2
C 3	5M2894	WASHER-----	15
5	S1594	BOLT-----	3
6	6B6122	WASHER-----	1
C 7	4B4278	WASHER-----	2
8	1P2237	SWIVEL-----	1
9	1D4719	NUT-----	2
11	4N6010	PLATE-----	1
C 12	S1571	BOLT-----	2
C 13	1D4717	NUT-----	3
C 14	L2070	BOLT-----	1
15	4N6297	SUPPORT ASSEM.-----	1

C 19	T573	BOLT-----	3
20	1P2238	END-----	1
21	S1595	BOLT-----	2
22	1P2236	ROD ASSEM.-----	1
23	1D5117	NUT-----	1
24	2P6539	SUPPORT ASSEM.-----	1
	1F748	NUT-----	1
	7B3235	BOLT-----	1
28	4B4280	WASHER--.095 in. (2.41 mm) thick	1
	8S8320	SPACER--.69 in. (17.53 mm) thick	1
29	4N6011	PLATE-----	1

C INDICATES CHANGE

A164 J. WALKER

4N6016 REFRIGERANT COMPRESSOR GROUP  
 Part of 6N206 Refrigerant Compressor Arrangement listed on Page 265  
 1P2780 Compressor parts are shown on Page 265  
 AN ATTACHMENT



REF NO.	PART NUMBER	DESCRIPTION	QTY
C 1	7N4297	COMPRESSOR GROUP (Separate Illustration)	1
2	4B9883	BOLT	2
	9M1974	WASHER	2
C 3	5M2894	WASHER	14
	S1594	BOLT	3
6	6B6122	WASHER	1
C 7	4B4278	WASHER---(use as required)---	2
8	1P2237	SWIVEL	1
9	1D4719	NUT	2
11	4N6010	PLATE	1
12	S1571	BOLT	2
13	1D4717	NUT	3
14	L2070	BOLT	1
15	4N6297	SUPPORT ASSEM.	1

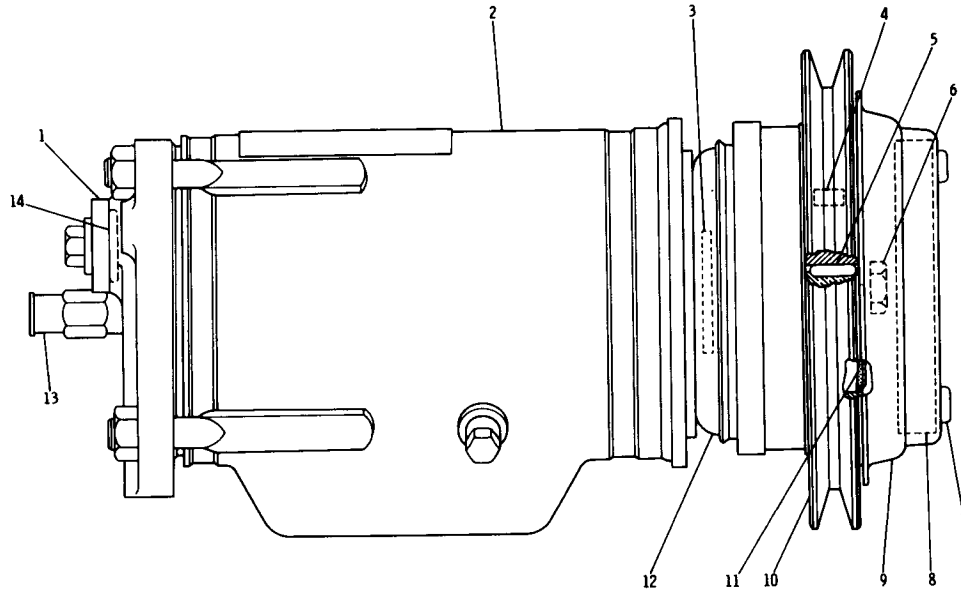
19	T573	BOLT	3
20	1P2238	END	1
C 21	S1595	BOLT	1
22	1P2236	ROD ASSEM.	1
23	1D5117	NUT	1
24	2P6539	SUPPORT ASSEM.	1
	1F748	NUT	1
	7B3235	BOLT	1
28	4B4280	WASHER--.095 in. (2.41 mm) thick	1
	8S8320	SPACER--.69 in. (17.53 mm) thick	1
29	4N6011	PLATE	1
C 30	S1585	BOLT	1
C 31	7N2597	SPACER	1
	9L9132	WASHER	1

C INDICATES CHANGE

171215

4N6016 REFRIGERANT COMPRESSOR GROUP—Type 2  
 Part of 6N206 Refrigerant Compressor Arrangement listed on Page 265  
 7N4297 Clutch and Refrigerant Compressor parts are shown on Page 269B  
 AN ATTACHMENT

7N4297 CLUTCH AND REFRIGERANT COMPRESSOR GROUP  
 Part of 4N6016 Refrigerant Compressor Group shown on Page 269A  
 AN ATTACHMENT

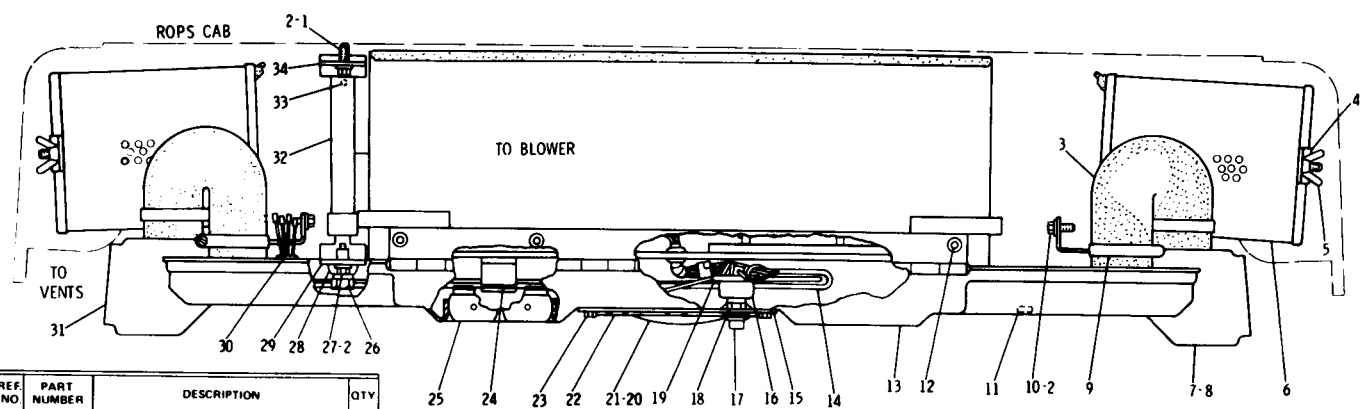


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1P6356	PLATE-----	1
2	1P6416	COMPRESSOR ASSEM.-----	1
3	7N4293	SEAL KIT-----(refrigerant)----- (Includes shield assem., rings, seals, nut, seal kit, key and sleeve)	1
4	7N4289	BEARING KIT----- (Includes bearing, seals, rings, nut, key, sleeve and shield group)	1
5	7N809	KEY-----	1
6	9P8750	NUT-----	1
7	145111	SCREW-----	3
8	7N4294	DRIVE CLUTCH KIT----- (Includes drive assem. nut, key, shield assem., rings, seals and sleeve)	1
9	6N1116	COVER KIT-----(dust)----- (Includes cover and screws)	1
10	7N4290	PULLEY KIT----- (Includes pulley assem., seals, shield group, rings, nut, key and sleeve)	1
11	7N4291	SEAL KIT-----(dust)----- (Includes shield group, seals, key, nut, rings and sleeve)	1
12	7N4292	COIL KIT----- (Includes coil assem., shield assem., seals, rings, nut, key and sleeve)	1
13	1P6355	VALVE ASSEM.-----	1
14	1H8171	SEAL-----	2

C INDICATES CHANGE

214785

CAB, GAUGES AND ACCESSORIES



REF NO	PART NUMBER	DESCRIPTION	QTY
1	5509	BOLT-----	2
2	5P1075	WASHER-----	6
▲ 3	5P3915	HOSE-----65 cm(25.59 in.)	1
4	8P9587	STRAP-----	2
5	2B9498	NUT-----	4
6	2V36	FILTER ASSEM.-----	2
7	9P592	DUCT ASSEM.----- (Includes)	1
8	9M5733	RIVET-----	1
9	2J6540	CLAMP-----	4
10	L1351	BOLT-----	2
11	2D3406	PLUG-----25.4 mm(1 in.) dia. hole	1
	S1614	BOLT-----	10
12	3B4504	LOCKWASHER-----	10
	4B4276	WASHER-----	10
13	7G1367	DUCT ASSEM.-----	1
14	8P6368	HARNES----- (Separate Illustration)	1
15	8P3710	PLATE-----	1

● ORDER BY THE METER

16	6P3236	SWITCH ASSEM.-----	1
17	1P6509	KNOB-----	1
18	2P4339	NUT-----	1
	9P2046	HARNES ASSEM.----- (Includes)	1
● 19	5P5624	WIRE----- (14 gauge)-----	1
● 19	5P5623	WIRE----- (16 gauge)-----	1
	2L8065	TERMINAL-----	1
	2L8075	TERMINAL-----	3
	9M4192	LAMP ASSEM.----- (Includes)	1
20	1S3291	DOOR ASSEM.-----	1
	7N9443	LAMP-----	1
C 20	2F2860	SCREW-----	2
	1H2204	SCREW-----	3
	4B2047	NUT-----	3
	302283	PLUG-----	2
22	310243	SCREW-----	4
23	319195	CLIP-----	1

C INDICATES CHANGE

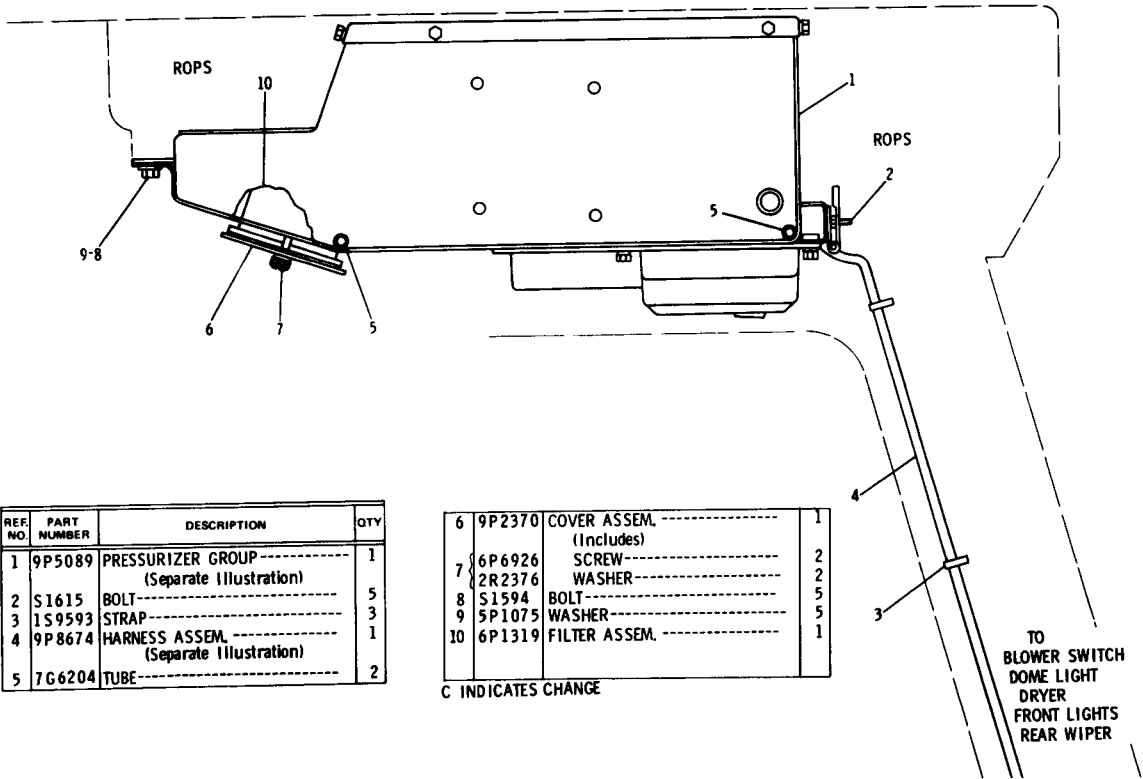
25	6P5673	LOUVER-----	4
26	6P5812	SCREW ASSEM.-----	1
27	S1594	BOLT-----	2
28	6P5564	ROD-----	1
29	6P4152	BRACKET-----	1
30	9D3768	GROMMET-----	1
	9P4044	DUCT ASSEM.----- (Includes)	1
31	9M5733	RIVET-----	1
32	6P4147	TUBE ASSEM.-----	1
33	4H1641	PIN-----	1
34	6P4151	BRACKET-----	1

▲ ORDER BY THE CENTIMETER

226814

9P4039 CAB PRESSURIZER GROUP—Part 1  
 Serial No. 14X1 to 14X873 inclusive  
 8P6368 Harness parts are shown on Page 272

**9P4039 CAB PRESSURIZER GROUP—Part 2**  
 Serial No. 14X1 to 14X873 inclusive  
 9P5089 Pressurizer and 9P8674 Harness parts are shown on Pages 262 and 272

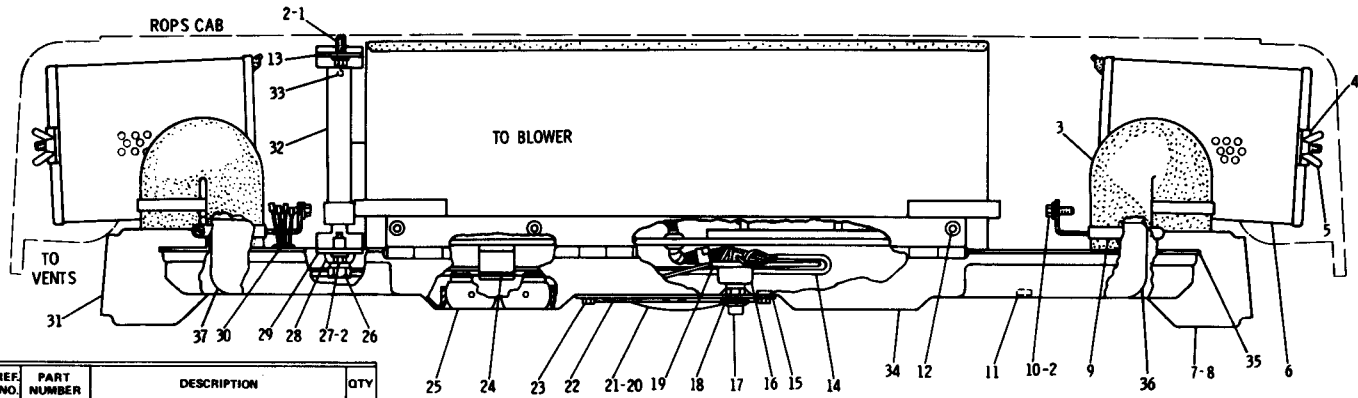


REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	9P5089	PRESSURIZER GROUP (Separate Illustration)	1
2	S1615	BOLT	5
3	1S9593	STRAP	3
4	9P8674	HARNES ASSEM. (Separate Illustration)	1
C 5	7G6204	TUBE	2

6	9P2370	COVER ASSEM. -----	1
		(Includes)	
7	6P6926	SCREW -----	2
	2R2376	WASHER -----	2
8	S1594	BOLT -----	5
9	5P1075	WASHER -----	5
10	6P1319	FILTER ASSEM. -----	1

C INDICATES CHANGE

TO  
 BLOWER SWITCH  
 DOME LIGHT  
 DRYER  
 FRONT LIGHTS  
 REAR WIPER



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	5509	BOLT-----	2
2	5P1075	WASHER-----	6
3	5P3915	HOSE-----65 cm(25.59 in.)	1
4	8P9587	STRAP-----	2
5	2B9498	NUT-----	4
6	2V36	FILTER ASSEM.-----	2
7	9P592	DUCT ASSEM. (Includes)	1
8	9M5733	RIVET-----	1
9	216540	CLAMP-----	4
10	L1351	BOLT-----	2
11	2D3406	PLUG-----25.4 mm(1 in.) dia. hole	1
	S1614	BOLT-----	10
12	3B4504	LOCKWASHER-----	10
	4B4276	WASHER-----	10
13	6P4151	BRACKET-----	1
14	8P6368	HARNESSES (Separate Illustration)	1
15	8P3710	PLATE-----	1

16	6P3236	SWITCH ASSEM.-----	1
17	1P6509	KNOB-----	1
18	2P4339	NUT-----	1
	9P2046	HARNESSES ASSEM. (Includes)	1
	5P5624	WIRE----- (14 gauge)	1
● 19	5P5623	WIRE----- (16 gauge)	1
	2L8065	TERMINAL-----	1
	2L8075	TERMINAL-----	3
	9M4192	LAMP ASSEM. (Includes)	1
20	1S3291	DOOR ASSEM.-----	1
	7N9443	LAMP-----	1
	2F2860	SCREW-----	2
21	1H2204	SCREW-----	3
	4B2047	NUT-----	3
22	302283	PLUG-----	2
23	310243	SCREW-----	4
24	319195	CLIP-----	1

● ORDER BY THE METER

C INDICATES CHANGE

25	6P5673	LOUVER-----	4
26	6P5812	SCREW ASSEM.-----	1
27	S1594	BOLT-----	2
28	6P5564	ROD-----	1
29	6P4152	BRACKET-----	1
30	9D3768	GROMMET-----	1
	9P4044	DUCT ASSEM. (Includes)	1
31	9M5733	RIVET-----	1
32	6P4147	TUBE ASSEM.-----	1
33	4H1641	PIN-----	1
C 34	8P3588	DUCT ASSEM. (Includes)	1
35	8P3589	COVER-----	1
36	9P2027	ADAPTER-----	1
37	8P3587	ADAPTER-----	1

▲ ORDER BY THE CENTIMETER

172606

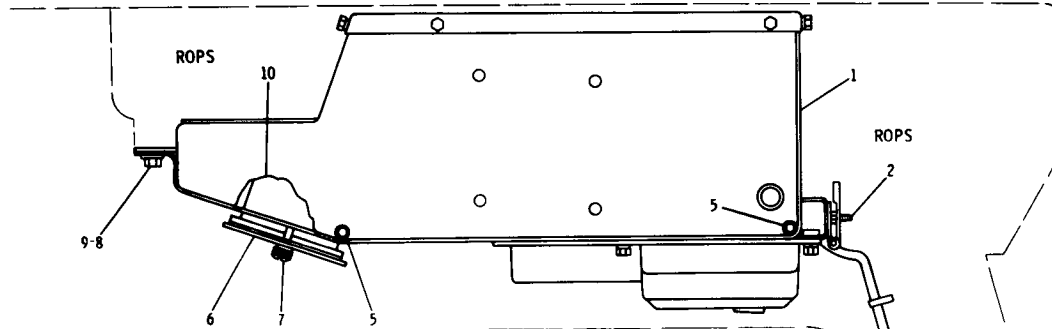
9P4039 CAB PRESSURIZER GROUP—Part 1

Serial No. 14X874—Up

8P6368 Harness parts are shown on Page 272



9P4039 CAB PRESSURIZER GROUP—Part 2  
 Serial No. 14X874—Up  
 9P5089 Pressurizer and 9P8674 Harness parts are shown on Pages 262 and 272



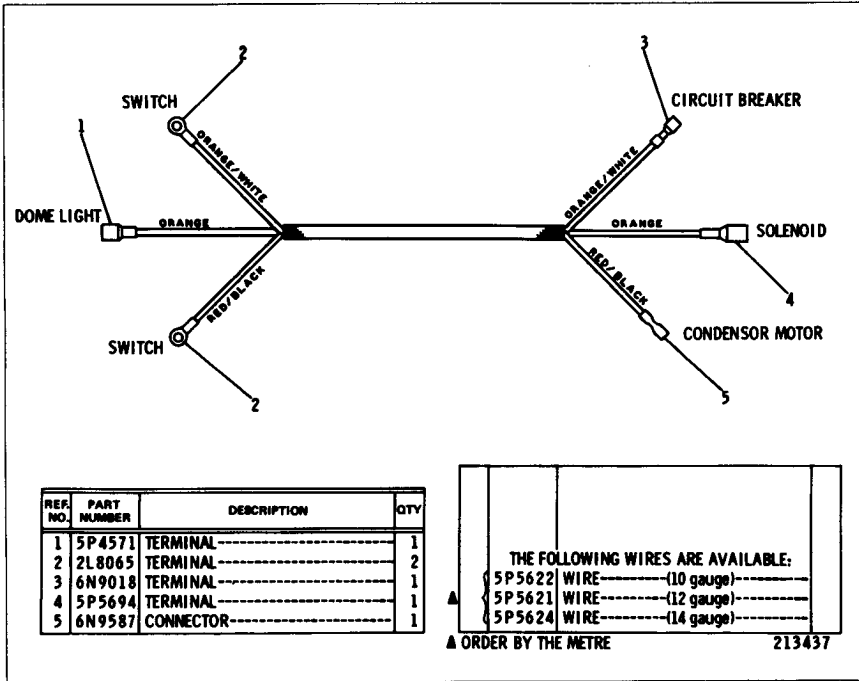
REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	9P5089	PRESSURIZER GROUP (Separate illustration)	1
2	S1615	BOLT-----	5
3	1S9593	STRAP-----	3
4	9P8674	HARNESS ASSEM. (Separate illustration)	1
C 5	7G6204	TUBE-----	2

6	9P2370	COVER ASSEM.-----	1
		(Includes)	
7	6P6926	SCREW-----	2
	2R2376	WASHER-----	2
8	S1594	BOLT-----	5
9	5P1075	WASHER-----	5
10	6P1319	FILTER ASSEM.-----	1

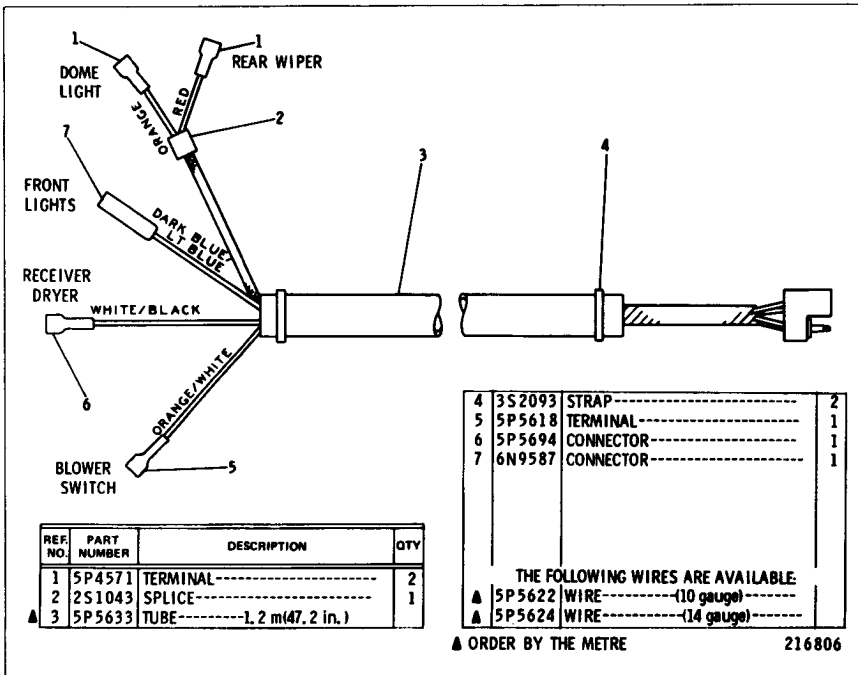
C INDICATES CHANGE

TO  
 BLOWER SWITCH  
 DOME LIGHT  
 DRYER  
 FRONT LIGHTS  
 REAR WIPER

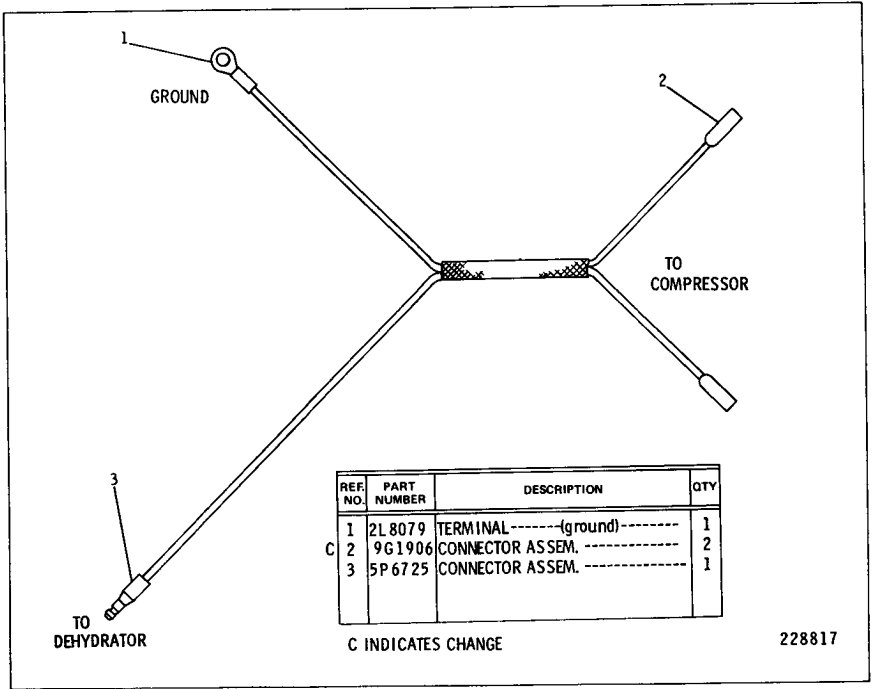
220701



8P6368 HARNESS ASSEMBLY  
Part of 9P4039 Cab Pressurizer Group shown on Pages 270 and 271A

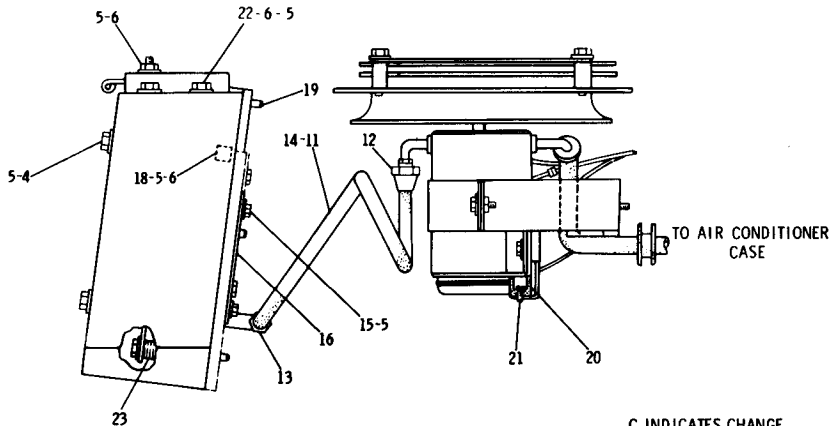
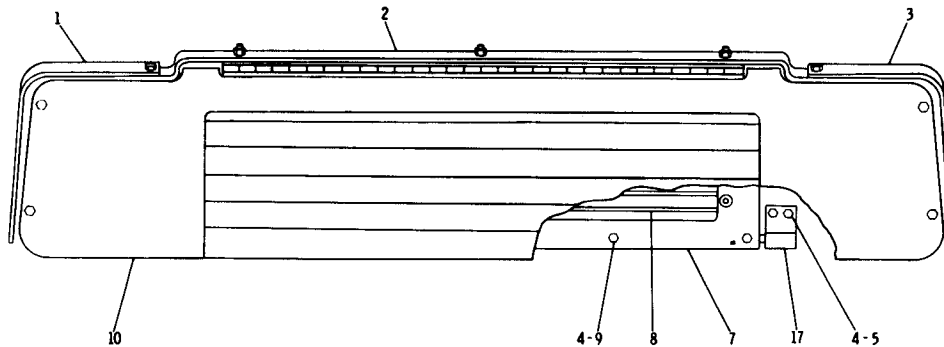


9P8674 HARNESS ASSEMBLY  
Part of 9P4039 Cab Pressurizer Group shown on Pages 271 and 271B



228817

9P2045 COMPRESSOR HARNESS ASSEMBLY  
 Part of 9P3489 Air Conditioner Arrangement listed on Page 264  
 AN ATTACHMENT



C INDICATES CHANGE

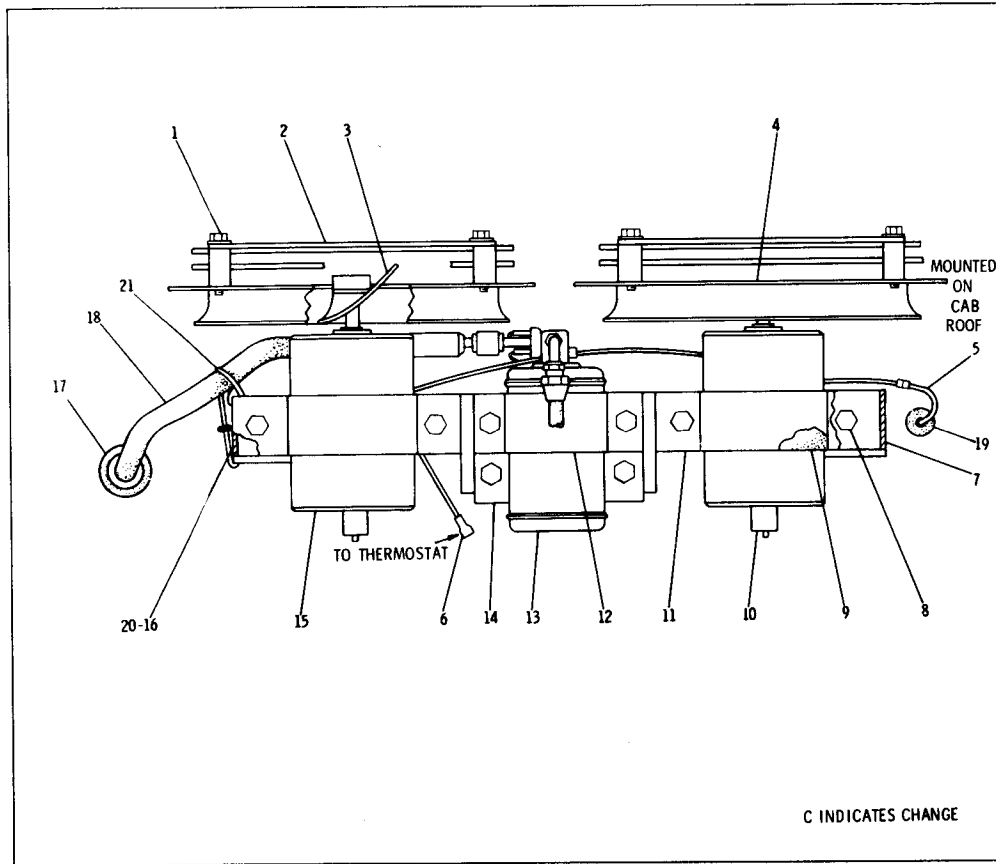
REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	7G4338	BRACKET ASSEM.-----	1
2	7G4346	PLATE-----	1
C 3	7G4337	BRACKET ASSEM.-----	1
C 4	S1594	BOLT-----	8
5	5P1075	WASHER-----	41
6	1D4717	NUT-----	13
7	9P2492	CASE ASSEM.-----	1
8	8P5089	COIL-----	1
9	T65	BOLT-----	12
10	7G4351	GRILL ASSEM.-----	1
11	9P2502	HOSE ASSEM.-----	1
		(Includes)	
▲ 11	5P5664	HOSE----- .65 m(25.59 in.)	
12	9D4507	COUPLING-----	1
13	5P2493	COUPLING-----	1
14	5F9144	SEAL-----	2
15	S1608	BOLT-----	4
16	6P4473	STRIP-----	2
17	9P2499	CLIP-----	2
18	1B4971	SPACER-----	6
C 19	8J9385	STUD-----	6
20	8P7567	BUMPER ASSEM.-----	2
21	2H6622	SCREW-----	2
22	6L7101	SPACER-----	2
C 22	S1588	BOLT-----	4
C 23	7K3245	TUBE-----	4

▲ ORDER BY THE METRE

169783

9P729 MOUNTING AND CONDENSER GROUP—Part 1  
Part of 9P3489 Air Conditioner Arrangement listed on Page 264  
AN ATTACHMENT

9P729 MOUNTING AND CONDENSER GROUP—Part 2  
 Part of 9P3489 Air Conditioner Arrangement listed on Page 264  
 AN ATTACHMENT



REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	8B2377	BOLT-----	8
	4B4276	WASHER-----	8
2	7G1289	GUARD ASSEM.-----	2
3	3P7995	FAN-----	2
4	9P247	ORIFICE ASSEM.-----	2
	9P8675	HARNES ASSEM.-----	1
		(Includes)	
▲ 5	5P5624	WIRE----- (14 gauge)	
▲	5P5621	WIRE----- (12 gauge)	
	6N9587	CONNECTOR-----	2
	5P4571	TERMINAL-----	3
6	5P5694	TERMINAL-----	1
7	9P2491	BRACKET ASSEM.-----	1
8	S509	BOLT-----	12
	5P1075	WASHER-----	12
▲ 9	5P5908	SEAL----- .9 m(36 in.)	
10	9P2424	STRAP ASSEM.-----	2
11	2P4556	STRAP-----	2
12	8P9606	CLAMP-----	1
13	9D6888	DRYER-----	1
14	8P9605	BRACKET-----	1
	9P2218	MOTOR ASSEM.-----	2
		(Each Includes)	
15	2P5145	BRUSH-----	2
	5P5610	CONNECTOR----- (push type)	1
	2L7018	PAD-----	1
16	9P2488	BRACKET ASSEM.-----	1
17	3D5279	GROMMET-----	1
	9P2504	HOSE ASSEM.-----	1
18	5P9144	SEAL-----	2
C 19	1K9007	GROMMET-----	1
C ▲ 20	5P7086	TRIM----- 1 m (3.94 in.)	
C 21	3S2093	STRAP-----	1

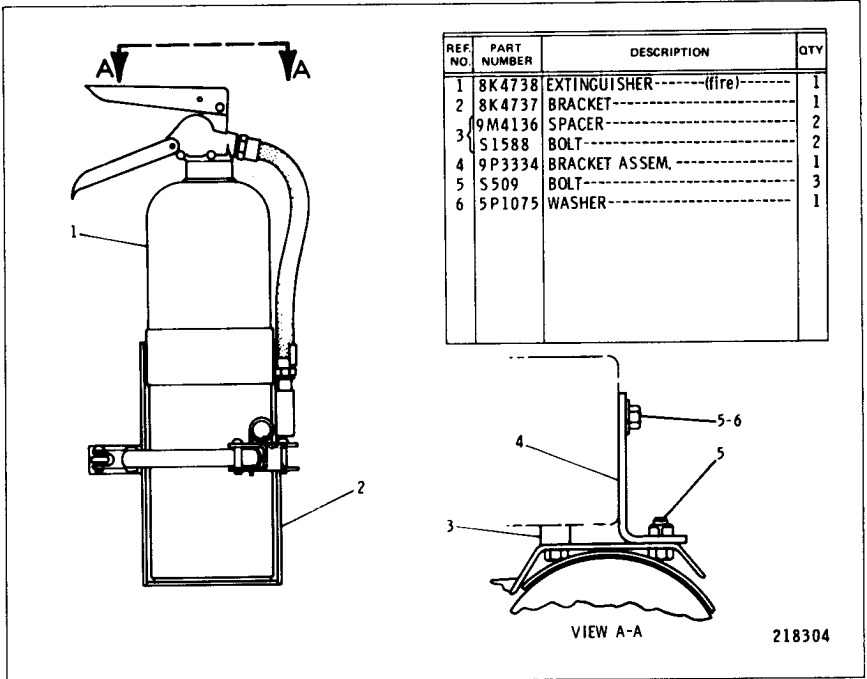
C INDICATES CHANGE

▲ ORDER BY THE METRE

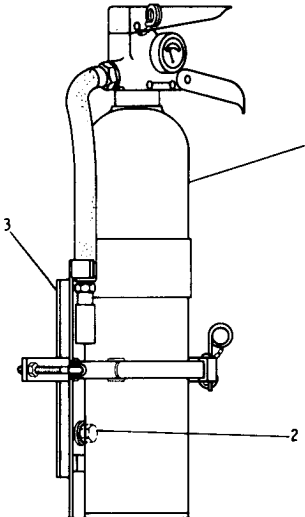
169784

CAB, GAUGES AND ACCESSORIES

272C



9P3365 FIRE EXTINGUISHER GROUP  
 FOR USE WITHOUT CAB. Note: 8K4738 Fire Extinguisher must be procured locally  
 AN ATTACHMENT



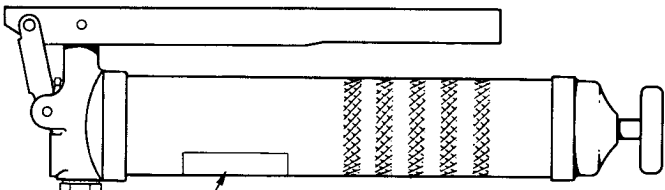
REF NO.	PART NUMBER	DESCRIPTION	QTY
1	8K4738	EXTINGUISHER----(procure locally)	1
	5509	BOLT-----	4
2	4B4278	WASHER-----	4
	8K4737	BRACKET-----	1

C INDICATES CHANGE 218100

9P2743 FIRE EXTINGUISHER GROUP  
FOR USE WITH CAB

Note: 8K4738 Fire Extinguisher must be procured locally  
AN ATTACHMENT

C INDICATES CHANGE FROM PREVIOUS TYPE



CI-FORM-----GEG00150  
(DECAL-SERVICE TOOL)

2M2689-COUPLER ASSEM. 1  
(PART OF NOZZLE ASSEM. 9F2636)  
1-NOZZLE ASSEM. 9F2636  
1-HOSE ASSEM. 9F2638  
(PART OF NOZZLE ASSEM. 9F2636)

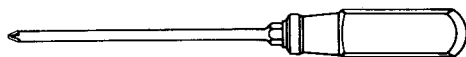
1-NIPPLE-----9F2637  
(PART OF NOZZLE ASSEM. 9F2636)

108355

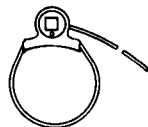
8F9866 GREASE GUN

Part of 9S7977 Hand Tool Group shown on Page 275  
AN ATTACHMENT

9S7977 HAND TOOL GROUP  
 8F9866 Grease Gun parts are shown on Page 274  
 AN ATTACHMENT



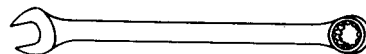
9S1738 SCREWDRIVER  
 NO. 2 PHILLIPS



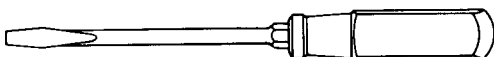
2P8250 STRAP WRENCH ASSEM.



5S9569 SOCKET



- 8H8503 WRENCH (5/16" Opening)
- 8H8505 WRENCH (3/8" Opening)
- 8H8513 WRENCH (7/8" Opening)
- 8H8508 WRENCH (9/16" Opening)
- 8H8509 WRENCH (5/8" Opening)
- 8H8511 WRENCH (3/4" Opening)
- 8H8515 WRENCH (1" Opening)



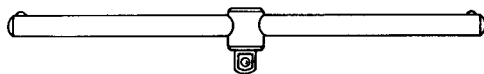
1F1157 SCREWDRIVER



5S9568 SOCKET



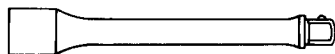
C 5P1763 SOCKET



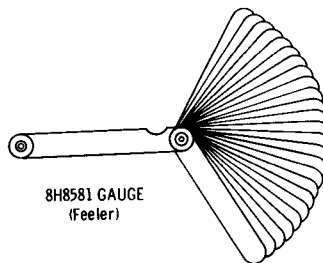
5S9566 WRENCH



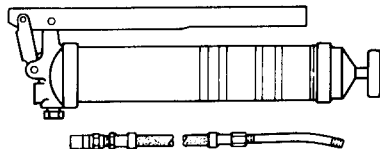
- 8H8549 SOCKET ( 9/16" Opening)
- 8H8554 SOCKET ( 7/8" Opening)
- 8H8555 SOCKET (15/16" Opening)
- 8H8556 SOCKET ( 1" Opening)
- 9S1730 SOCKET (11/8" Opening)



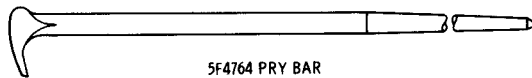
5S9567 EXTENSION



8H8581 GAUGE  
 (Feeler)



8F9866 GREASE GUN (Lever)  
 (See Separate Illustration)



5F4764 PRY BAR

C INDICATES CHANGE

201200



## ENGINE GASKET KITS

6V853	VALVE GRINDING SERIAL No. 3N69600 TO 3N79762 INCLUSIVE
- OR -	
6V2210	VALVE GRINDING SERIAL No. 3N79763--UP
5P9099	CENTRAL AND LOWER STRUCTURE
5P8768	LINER SINGLE CYLINDER
5P9100	FRONT STRUCTURE
5P9101	REAR STRUCTURE
5P9898	WATER PUMP
5P9102	OIL COOLER
6V854	TURBOCHARGER MOUNTING
5P9461	FUEL SYSTEM

## OTHER GASKET KITS

6V1142	PLANETARY
6V1143	CASE AND PARTS
6V1144	HYDRAULIC CONTROL
6V1145	TORQUE CONVERTER
6V1146	TRANSMISSION FILTER
6V1147	TRANSFER GEAR
6V1148	POWER TRAIN COOLER AND LINES

## GASKET KITS

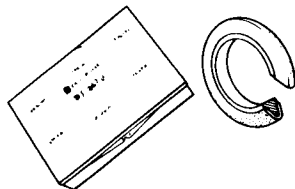
QUANTITY USED	PART NUMBER	DESCRIPTION
1	3H3842	PLATE--SERIAL NUMBER (TRACK LOADER) ON BEVEL GEAR & STEERING CLUTCH CASE-- UPPER REAR OF L.H. SIDE
1	3N3790	PLATE--SERIAL NUMBER (ENGINE) ON L.H. SIDE OF CYLINDER BLOCK
1	6V1721	PLATE--SERIAL NUMBER (MASTER) ON SIDE OF TRANSMISSION CONSOLE IN FRONT OF ARM REST
1	5P8197	PLATE--WARNING (UNIVERSAL) ON R.H. END OF DASH ON VERTICAL SURFACE OF CAB
2	5P9545	FILM--WARNING ON EACH SIDE OF LOADER FRAME BELOW LIFT ARM PIVOT
1	5P9675	FILM--TRANSMISSION AND PARKING BRAKE LOCK ON VERTICAL SURFACE OF GUARD ASSEMBLY ADJACENT TO LEVEL
12	4B4158	DRIVE SCREW
1	5P9169	TRANSFER GROUP
		CONSISTING OF:
2	.....	FILM--HYDRAULIC HAND CONTROL ON HYDRAULIC CONTROL COVER
2	2P931	FILM--CAT ON EACH SIDE OF RADIATOR GUARD
2	2P4155	FILM--977L ON R.H. SIDE OF HYDRAULIC TANK AND ON L.H. SIDE OF SEAT
2	8S3922	FILM--CORPORATE SYMBOL ON R.H. SIDE OF HYDRAULIC TANK
1	8S3942	FILM--CATERPILLAR ON FRONT OF RADIATOR GUARD
1	8S5494	FILM--CATERPILLAR ON BACK OF FUEL TANK

## NAME PLATES AND FILMS



**IP2305 ELECTRIC TERMINAL KIT**

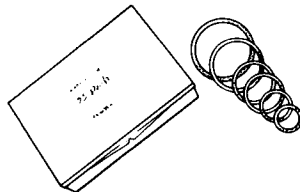
(Insulated)  
(Includes terminals, wire joints and crimping tool)



**9S3138 SEAL KIT**

(Includes 28 metal - backed seals)

Qty.	Nominal Size	Part No.
2	1/2 inch (1,27 cm)	5J1583
6	3/4 inch (1,905 cm)	6J3575
6	1 inch (2,54 cm)	6J3600
6	1 1/4 inch (3,175 cm)	6J3625
4	1 1/2 inch (3,81 cm)	6J3650
4	2 inches (5,08 cm)	6J3800



**9S3135 SEAL KIT**

(Includes 60 rubber O-ring seals)

Qty.	Nominal Size	Part No.
10	1/2 inch (1,27 cm)	4J5140
10	3/4 inch (1,905 cm)	4J5267
10	1 inch (2,54 cm)	4J0520
10	1 1/4 inch (3,175 cm)	4J0522
10	1 1/2 inch (3,81 cm)	4J0524
10	2 inches (5,08 cm)	4J0527

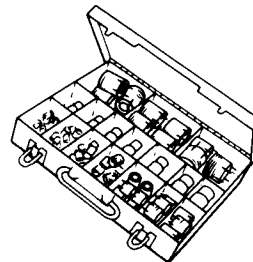
**THREADED INSERTS KITS**

Master (Includes inserts and tools)

Coarse	Fine	Size
9S3700	9S3500	Assorted

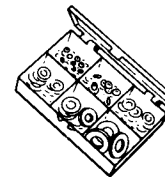
Repair (Includes inserts and tools)

9S3510	9S3509	#10
9S3512	9S3511	1/4
9S3514	9S3513	5/16
9S3618	9S3515	3/8
9S3620	9S3619	7/16
9S3622	9S3621	1/2
9S3624	9S3623	9/16
9S3626	9S3625	5/8
9S3628	9S3627	3/4
9S3630	9S3629	7/8
9S3632	9S3631	1
9S3633		1 1/8
9S3635		1 1/4
9S3637		1 1/2



Refill (Includes inserts)

9S3674	9S3673	#10
9S3649	9S3639	1/4
9S3650	9S3640	5/16
9S3651	9S3641	3/8
9S3652	9S3642	7/16
9S3653	9S3643	1/2
9S3654	9S3644	9/16
9S3655	9S3645	5/8
9S3656	9S3646	3/4
9S3657	9S3647	7/8
9S3658	9S3648	1
9S3675		1 1/8
9S3677		1 1/4
9S3679		1 1/2

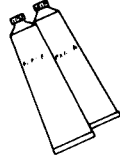


**HARDWARE ASSORTMENT KITS**

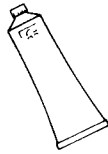
- 8S7198 Course Thread Hex Nut
- 8S7197 Fine Thread Hex Nut
- 8S7196 Lockwasher Assortment
- 8S7195 Flatwasher Assortment
- 8S7193 Woodruff Key Assortment



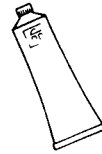
GASKET CEMENT  
5H2471 8 oz. (227 g)



EPOXY CEMENT  
5M2941 2 - 2 oz. (57g) Tube



BEARING LUBRICANT  
2S3230 14 1/2 oz. (411 g)



GASKET SEALER  
4H5363 11 oz. (312 g)  
(fast drying-hard setting)  
8H5137 11 oz. (312 g)  
(non-hardening)



ANTI-SEIZURE COMPOUND  
4S9416 16 oz. (454 g) Aerosol  
9M3710 16 oz. (454 g) Paste



GLASS OR PLASTIC CEMENT  
3S1831 1 pint (0.473 L)



LIQUID GASKET  
7M7260 8 oz. (227 g)



SEALING COMPOUND  
5S1454 1 pint (0.473 L)



GREASE - SILICONE  
4L7464 8 oz. (227 g)



9S3262 SEALANT REPAIR KIT

contains:

Bearing Mount	7M7456	1 2/3 fl. oz. (50 cc)
Thread Lock	9S3263	1 2/3 fl. oz. (50 cc)
Pipe Sealant	9S3264	1 2/3 fl. oz. (50 cc)
Retaining Compound	9S3265	1 2/3 fl. oz. (50 cc)
Quick Cure Primer	8M8060	6 oz. (170 g) Aerosol



CHAIN & CABLE LUBRICANT  
9S6106 16 oz. (454 g) Aerosol  
2P2737 Case of 12

BELT DRESSING

9S6107 16 oz. (454 g) Aerosol  
2P2738 Case of 12

ELECTRO-INSULATION SPRAY

9S6108 16 oz. (454 g) Aerosol  
2P2739 Case of 12

PENETRATING OIL

9S6109 16 oz. (454 g) Aerosol  
2P2740 Case of 12

BATTERY SAVER & CLEANER

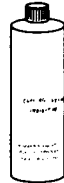
9S6110 16 oz. (454 g) Aerosol  
2P2741 Case of 12



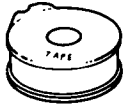
GREASE GUN CARTRIDGE  
1P808 14 1/2 oz. (411 gms)



SILICONE FLUID  
8M553 145 cc.  
9M5165 150 cc.

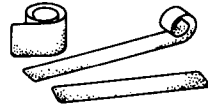


COOLING SYSTEM INHIBITOR  
3P2043 1 pint (0.473 L)  
P0001 1 case of 12  
3P2044 1 quart (0.946 L)  
P0002 1 case of 12



### ELECTRICAL TAPE

1P810 (plastic) 2 7/8" (20mm) width  
66 ft. (20m) length  
9B4287 (cloth) 3/4" (20mm) width  
30 ft. (9M) length  
(Plastic tape comes in dispenser.  
Cloth tape does not.)



### 9S8703 ANTI-SKID TREADS

(May be ordered by foot lengths up to  
60 feet (18, 30m), width 4" (100mm)



### 8S4627 CIRCUIT TESTER

(Maximum Capacity: 10 oms)



### MAGNETIC DRAIN PLUGS



### BUTTON PLUGS

Hole Diameter		Part Number	Type	Thread Size-Threads Per Inch	Head Inches	A		Part No.
Inches	mm					Inches	mm	
.219	5,6	4L0820	I	5/8 - 11	7/8 Hex	1 3/16	26,9	5K1555
.310	7,9	7L6479	I	5/8 - 18	7/8 Hex	3/4	19,1	2R166
.380	9,7	5L6688	I	7/8 - 14	1 1/8 Hex	1 3/16	30,2	3H4190
.438	11,1	4L0821	I	1 1/8 - 12	1 1/2 Hex	1 1/2	38,1	8M3837
.469	11,9	3D9871	I	1 1/8 - 12	1 1/2 Hex	1 7/8	47,8	2J1559
.484	12,3	8M3839	I	1 1/2 - 12	1 Hex	1 1/2	38,1	8M5576
.500	12,7	3D9872	I	1 1/2 - 12	1 7/8 Hex	1 7/8	47,8	2D8390
.625	15,9	2M4009	II	1/2 - 14	9/16 Sq.	1 1/8	28,5	2F3628
.687	17,5	6K2660	II	3/4	5/8 Sq.	1 1/4	31,8	2H3865
.750	19,0	5K3546	II	7/8 - 14	7/8 Hex	1 5/8	41,3	2R1491
.875	22,2	5H4871	II	1 Std. Pipe Thd.	13/16 Sq.	1 7/16	36,6	2H3864
1.000	25,4	2D3406	II	1 1/4 Std. Pipe Thd.	15/16 Sq.	1 11/16	42,9	2H3863
1.250	31,8	4S6336	II	1 1/4 Std. Pipe Thd.	15/16 Sq.	1 3/8	35,0	7H3664
1.375	34,9	4F8711	III	3/4 - 14 Pipe Thd., Fine	1/2 Sq.	1 3/16	30,2	5D1894
1.500	38,1	3L1979	III	1 - 11 1/2 Pipe Thd., Fine	1/2 Sq.	1 5/16	33,4	2K744
2.000	50,8	1L6377	III	1 1/4 - 11 1/2 Pipe Thd., Fine	3/4 Sq.	13/16	20,6	5S4017
2.250	57,2	7M3248	III	2 - 12	3/4 Sq.	1 11/16	42,9	8B6599
2.500	63,5	3L8852						
3.000	76,2	1L6366						

# MEMORANDA

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## SPECIFICATIONS

(SUBJECT TO CHANGE WITHOUT NOTICE)

### Weight, shipping (approximate)

977L Traxcavator (includes std. enclosed ROPS, no bucket and 10% fuel) . . . . .	20 160 kg	44,447 lbs.
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## DIMENSIONS

Length . . . . .	5 610 mm	18' 5"
Width (without bucket) . . . . .	2 390 mm	7' 10"
Height (with ROPS) . . . . .	3 330 mm	10' 11.2"
Bucket Width . . . . .	2 490 mm	98"
Dumping Height (with 2,1 m <sup>3</sup> (2 3/4 cu.yd) General Purpose Bucket) . . . . .	3 230 mm	10' 7"
Dumping Reach . . . . .	1 220 mm	4'
Maximum Digging Depth . . . . .	160 mm	6.2"

## MACHINE SERIAL NUMBER PLATE LOCATION

Serial number plates are located on left-hand side of cylinder block, on the bevel gear and steering clutch case, and in operator's compartment on side of transmission console in front of arm rest.

## CARACTÉRISTIQUES

(PEUVENT ÊTRE MODIFIÉES SANS PRÉAVIS)

Poids (approx.), en ordre d'expédition

Traxcavator 977L (avec bâti de sécurité ROPS enclos et 10% de plein de carburant, sans godet) . . . . .	20 160 kg
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## DIMENSIONS

Longueur . . . . .	5 610 mm
Largeur, sans godet . . . . .	2 390 mm
Hauteur (avec bâti de sécurité) . . . . .	3 330 mm
Largeur du godet . . . . .	2 490 mm
Hauteur de déversement (avec godet normal d'une capacité de 2,1 m <sup>3</sup> ) . . . . .	3 230 mm
Distance de déversement . . . . .	1 220 mm
Profondeur maximale de cavage . . . . .	160 mm

## MARQUAGE DU NUMÉRO DE SÉRIE

Les plaques portant les numéros de série sont situées sur le côté gauche du bloc-cylindres, sur le carter du couple conique et des embrayages de direction et sur le côté de la console de commande des vitesses en face de l'accoudoir.



# ESPECIFICACIONES

(SUJETAS A CAMBIO SIN PREVIO AVISO)

Peso de embarque aproximado del Traxcavator 977L  
Incluye estructura protectora contra vuelcos cubierta,  
y 10% de combustible. No incluye cucharón . . . . . 20 160 kg

## DIMENSIONES

Longitud . . . . . 5610 mm  
Ancho, sin cucharón . . . . . 2390 mm  
Alto (con estructura protectora contra vuelcos). . . . . 3330 mm  
Ancho del cucharón. . . . . 2490 mm  
Altura de descarga (con cucharón para  
uso general de 2,1 m<sup>3</sup>) . . . . . 3230 mm  
Alcance de descarga . . . . . 1220 mm  
Profundidad máxima de excavación . . . . . 160 mm

## UBICACION DE LA PLACA CON EL NUMERO DE SERIE DE LA MAQUINA

Las placas con el número de serie están colocadas en el lado izquierdo del bloque de motor, en la caja de la corona y de los embragues de dirección y en el compartimiento del operador en el lado de la consola de la transmisión, delante del brazo del asiento.

## ESPECIFICAÇÕES

(SUJEITAS A ALTERAÇÕES SEM AVISO PRÉVIO)

Peso de embarque, aproximado)

Com cabine de segurança ROPS, sem caçamba

e com 10% da capacidade de combustível . . . . . 20 160 kg

## DIMENSÕES

Comprimento . . . . .	5 610 mm
Largura, sem caçamba . . . . .	2 390 mm
Altura com estrutura contra capotagem (ROPS) . . . . .	3 330 mm
Largura da caçamba . . . . .	2 490 mm
Altura livre para despejo com caçamba de aplicação geral de capacidade de 2,1 m <sup>3</sup> . . . . .	3 230 mm
Alcance horizontal . . . . .	1 220 mm
Profundidade máxima de penetração . . . . .	160 mm

## SITUAÇÃO DO NÚMERO DE SÉRIE

Existem placas com o número de série no lado esquerdo do bloco do motor, na caixa da coroa e na cabine no consolo do sistema de transmissão na frente do encosto do braço do assento.

## TECHNISCHE DATEN

(UNVERBINDLICH, ÄNDERUNGEN VORBEHALTEN)

Versandgewicht, etwa

977L Traxcavator (mit Überroll-Schutzkabine und  
10% Kraftstoff, ohne Schaufel) . . . . . 20 160 kg

## ABMESSUNGEN

Länge . . . . .	5 610 mm
Breite (ohne Schaufel) . . . . .	2 390 mm
Höhe (mit Überroll-Schutzdach). . . . .	3 330 mm
Schaufelbreite. . . . .	2 490 mm
Abkipphöhe (mit 2,1 m <sup>3</sup> Normalschaufel) . . . . .	3 230 mm
Reichweite. . . . .	1 220 mm
Max. Grabtiefe . . . . .	160 mm

## LAGE DER SERIENNUMMERNENSCHILDER

Seriennummernschilder befinden sich links am Motorblock, am Tellerrad- und Lenkkupplungsgehäuse und im Fahrerstand seitlich am Schaltpult vor der Armstütze.