

Parts Book

500E

CRAWLER TRACTOR

SERIAL NUMBERS **500E - ALL**

 **DRESSER**®

The Importance of
ADEQUATE PARTS and SERVICE

TO THE OWNER

IT IS THE POLICY OF INTERNATIONAL HARVESTER COMPANY TO IMPROVE ITS PRODUCTS WHENEVER IT IS POSSIBLE AND PRACTICAL TO DO SO. WE RESERVE THE RIGHT TO MAKE CHANGES OR ADD IMPROVEMENTS AT ANY TIME WITHOUT INCURRING ANY OBLIGATION TO INSTALL SUCH CHANGES ON PRODUCTS PREVIOUSLY SOLD.

When ordering parts, always give the following information.

1. The IH part number, including suffix or prefix letters, the name of the part and the quantity needed. Do not include the illustration reference number.
2. The complete chassis or engine serial number of the machine including the Kind, Variation, and Country of Origin Codes, and the serial sequence number. (Refer to part 8 of "INTRODUCTION").
3. When ordering parts also include the serial number for units which may have their own serial number.

We suggest that you write the serial numbers for your machine in the spaces provided below for ready reference when parts are needed.

Chassis Serial No. _____

(Stamped on the serial number plate located on the right side above the instrument panel)

Engine Serial No. _____

(Stamped on a pad on the right side of the crankcase below the oil filter)

ROPS Canopy Serial No. _____

(Stamped on serial number plate located inside the upper right frame member)

Gearmatic Model 9 Winch Serial No. _____

(Stamped on serial number plate located on the top of the main housing)

ALPHABETICAL INDEX

DESCRIPTION	Gp	Pg	Grid	DESCRIPTION	Gp	Pg	Grid
<u>A</u>				<u>C - Continued</u>			
Alternator	8	5	C15	CONTROLS			
Alternator Mounting and Drive . .	8	6	C16	Clutch	7	2	B12
Air Restriction Indicator	11	3	F23	Direction - Hydraulic Reverser . .	7	6	B16
<u>B</u>				Power Pedal - Hydraulic Reverser w/Torque Converter . .	7	9	B19
BACKHOE	17	39	K7	Counterweight Rear Box Type . . .	17	29	J21
Mounting Frame	17	27	J19	Counterweight Rear Frame	17	28	J20
Battery and Mounting	8	7	C17	COVER			
Its	2	2	A10	Crankcase	12	8	G8
Bevel Gear Drive	7	16	C2	Flywheel	7	4	B14
Blade Angle and Tilt - 511 Grader	17	15	J7	Valve	12	6	G6
Blade 84" - 510, 511 Graders . .	17	17	J9	Cranking Motor	8	4	C14
Blade 93" - 512 Grader	17	19	J11	Cylinder - Angling	17	24	J16
Blade 105" - 510, 511 Graders . .	17	18	J10	Cylinder - Clam	17	13	J5
Boom and Bucket Linkage				Cylinder - Lift	17	8	I24
- 75 Loader	17	2	I18	17	21	J13
Boom Hydraulics	17	11	J3	Cylinder - Tilt	17	10	J2
BRAKES				17	26	J18
Pedal	4	2	A17	<u>D</u>			
Master Brake and Controls . . .	4	3	A18	Direction Control - Hydraulic Reverser	7	6	B16
BUCKET				Decelerator Pedal	12	30	H6
General Purpose	17	4	I20	Drawbars	9	5	C24
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Lower Hydraulics - 75 Loader . .	17	7	I23	Bevel Gear	7	16	C2
Multi-Purpose	17	5	I21	Final	7	18	C4
Raise Hydraulics - 75 Loader . .	17	6	I22	Housing	7	12	B22
Tilt Hydraulics	17	9	J1	Steering	7	17	C3
Bullgrader Frame - 510 and				<u>E</u>			
511 Graders	17	14	J6	Electrical System	8	2	C12
Bullgrader Frame - 512 Grader .	17	16	J8	ENGINE	2	2	A10
Bullgrader Lift and Radius Struts	17	15	J7	Air Cleaner	12	23	G23
<u>C</u>				Cam Shaft	12	9	G9
CANOPY				Connecting Rod and Piston	12	5	G5
For Tractors With Backhoe . . .	13	8	H19	Cover - Crankcase	12	8	G8
For Tractors Without Backhoe . .	13	7	H18	Crankcase	12	2	G2
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.	13	11	H22	Crankcase Front Cover	12	8	G8
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Clutch Hydraulic Reverser	7	8	B18	Cylinder Head and Valve Lever			
Clutch Steering	7	21	C7	Shaft	12	6	G6
				Decelerator Pedal - Throttle			
				Control	12	30	H6
				Element Air Cleaner	12	24	G24
				Engine Crankcase	12	2	G2

ALPHABETICAL INDEX

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Ether Start	12	26	H2	7	14	B24
Exhaust System	12	22	G22	7	15	C1
Filter - Fuel	12	16	G16	Grill	6	4	B7
Filter - Oil	12	10	G10	Guard	9	6	D1
Fuel Connections and Lines	12	14	G14	Gun Lubrication	2	2	A10
Fuel Control Cable	12	27	H3				
Fuel Tank and Lines	12	28	H4	<u>H</u>			
Flywheel	12	22	G22	HITCH, THREE POINT			
Manifold - Coolant and Ther- mostat	12	17	G17	Levelling Lift Rod	9	5	C24
Manifold Exhaust	12	21	G21	Linkage	9	3	C22
Manifold Intake	12	17	G17	Telescoping Top Link	9	4	C23
Nozzle - Fuel Injection	12	20	G20	Hood and Side Panels	13	2	H13
Oil Filter	12	10	G10	Hook, Front Tow	9	6	D1
Oil Pump	12	10	G10	Housing Drive	7	12	B22
Pan - Oil	12	9	G9	Hydraulic Fluid	2	2	A10
Precleaner Prescreener	12	25	H1	Hydraulic Lift Cylinder	17	8	I24
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Fuel Injection	12	18	G18	Angling System - 510 Grader . .	17	23	J15
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Water	12	13	G13	Boom Hydraulics - 75 Loader with Multi-Purpose Bucket or Log Grapper	17	11	J3
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Skeleton Service	12	21	G21	CHECK VALVE			
Thermostat	12	17	G17	Anti Cavitation Type	10	56	F11
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Ether Starting Fluid	2	2	A10	External Groove Mounted Seal .	10	48	F3
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<u>F</u>				Internal Groove Mounted Seal .	10	46	F1
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Final Drive	7	18	C4	External Bore Mounted Seal . .	10	52	F7
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Bullgrader - 512 Grader	17	16	J8	Cylinder Lift - 510, 511 and 512 Graders	17	21	J13
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ALPHABETICAL INDEX

DESCRIPTION	Gp	Pg	Grid	DESCRIPTION	Gp	Pg	Grid
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Cylinder Lift - 510 and 511 Grader (Not for use w/68 Inch Gauge Track Width)	17	22	J14	Tilt System - 75 Loader	17	9	J1
Cylinder Tilt - 75 Loader	17	8	I24	Tilt System - 510 Grader	17	25	J17
Cylinder Tilt - 510 Grader.	17	26	J18	VALVE BANK - ONE SECTION			
Depth Control (Three Point Hitch)	10	16	D19	External Bore Mounted Seal . .	10	20	D23
Filter Hydraulic Oil	10	13	D16	Internal Groove Mounted Seal .	10	18	D21
Frames, Mounting for Rear Equipment	17	27	J19	VALVE BANK - TWO SECTION			
Lift Cylinder Piston (Three Point Hitch)	10	17	D20	External Bore Mounted Seal . .	10	24	E3
Lower System - 75 Loader	17	7	I23	Internal Groove Mounted Seal .	10	28	E7
Lower System - 510, 511 and 512 Graders	17	20	J12	Internal Groove Mounted Seal .	10	22	E1
Main Hydraulic System (For Tractors with Backhoe)	10	4	D7	Internal Groove Mounted Seal .	10	26	E5
Main Hydraulic System (Not Tractors with Backhoe).	10	2	D5	VALVE BANK - THREE SECTION			
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<u>P</u>				Tow Hook - Front	9	6	D1
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Pedal - Power Control	7	9	B19	Adjuster	14	3	I3
Platform - Operator's	13	4	H15	Chain	15	2	I13
Power Take Off	7	20	C6	Drive - Final	7	18	C4
Product Graphics	2	3	A11	Frame	14	2	I2
<u>R</u>				Front Idler w/DF Seals	14	8	I8
Radiator and Connections	6	5	B8	Guage Bars	14	4	I4
Radiator Sand Screen	6	4	B7	Rollers w/DF Seals	14	6	I6
Reverser Oil Cooler With Torque Converter	6	2	B5	Top Idler Roller	14	7	I7
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<u>S</u>				Three Grouser	15	3	I14
Seat	13	5	H16	TRANSMISSION			
Seat Belt	13	5	H16	Bevel Gear Drive	7	16	C2
Speed Reducer - P.T.O.	7	21	C7	Clutch Hydraulic Reverser	7	8	B18
.	7	22	C8	Drive - Gear Drive Type	7	4	B14
STEERING				Drive - Hydraulic Reverser Without Torque Converter	7	5	B15
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				WINCH	17	30	J22
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SECTION INDEX

Due to a continuous program of research and development, some procedures, specifications and parts may be altered in a constant effort to improve machines.

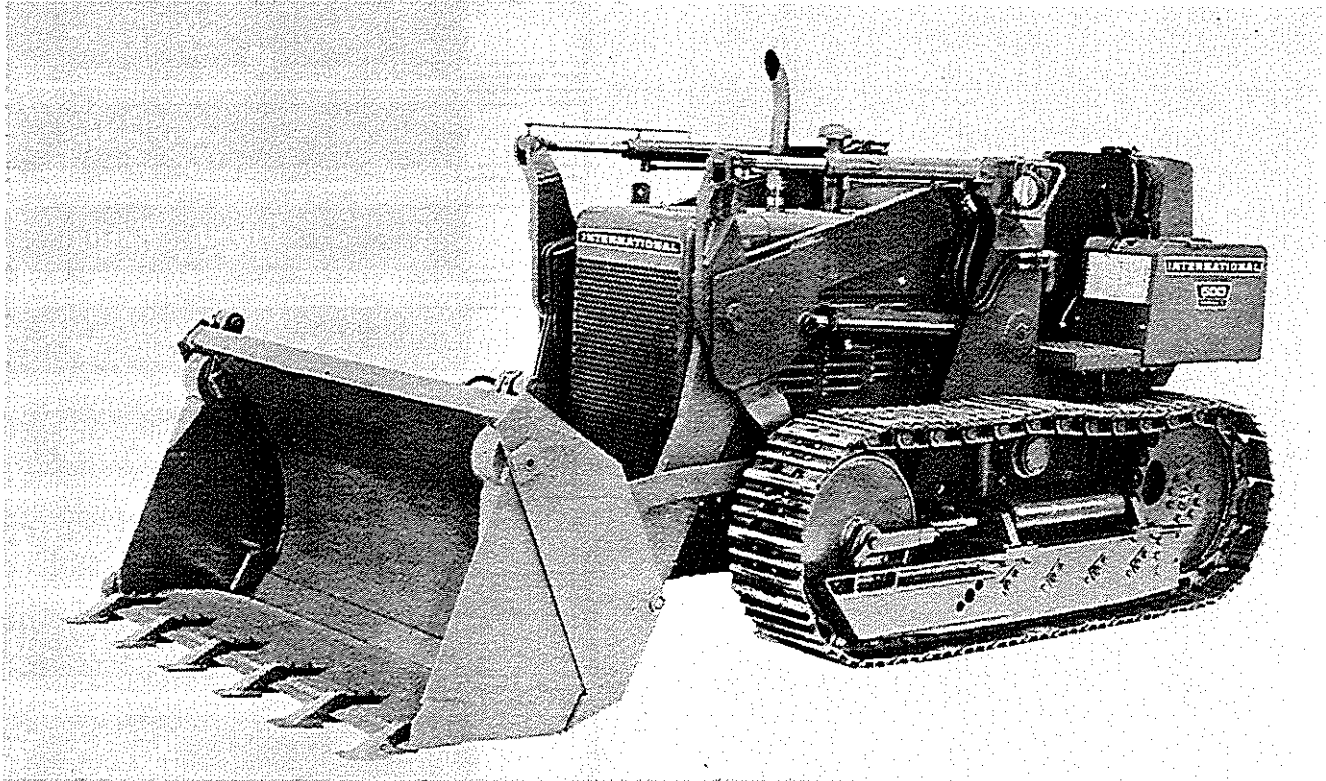
Periodic revisions may be made to this publication and mailed automatically to distributors. It is recommended that customers contact their distributor or dealer for information on the latest revision.

FICHE

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The black tabs shown on the right-hand side of this page line up with the corresponding tabs in the catalog. Tabs are quickly located by bending the catalog.

INTRODUCTION



INTERNATIONAL 500 SERIES E LOADER TRACTOR

INTRODUCTION

(1) GENERAL

THE CATALOG CONTAINS A LIST OF SERVICE PARTS FOR THE 3-CYLINDER D-155 DIESEL ENGINE AND THE CHASSIS FOR THE FOLLOWING CRAWLER TRACTORS.

- 500 (SERIES E) GEAR DRIVE
- 500 (SERIES E) HYDRAULIC REVERSER
- 500 (SERIES E) HYDRAULIC REVERSER WITH TORQUE CONVERTER

THE FOLLOWING EQUIPMENT IS COVERED IN THIS CATALOG:

- International 75 Loader
- International 510 Bullgrader
- International 511 Bullgrader
- International 512 Bullgrader
- International Gearmatic Model 9 Winch
- International 390 Ripper Mounting and Connections
- International 3122A and 3142A Backhoes Mounting and Connections

(2) ILLUSTRATIONS. Parts in this catalog are illustrated by the "exploded view" method. Individual parts in each illustration are shown where they belong in relation to one another.

Parts illustrated are of typical parts and not necessarily detailed drawings. Reference numbers only are shown in each illustration. These numbers correspond with numbers in the Reference Number column in the accompanying list of parts. Parts in illustrations without reference numbers are the same as duplicate parts with reference numbers.

NOTE: When ordering parts, do not include the reference number. Use only the I.H. part number and description.

(3) METHOD OF LISTING. The parts list of each classification is divided into units. Parts are listed in order according to reference number shown in the illustration, followed by a full description based upon the "noun first" method -- i.e., the noun name of the part is listed first then the modifying descriptive information which serves to specifically identify the item. For example: SHAFT w/two PLUGS, valve lever. Parts not shown in illustrations appear at end of list in alphabetical sequence by noun name. Parts listed will work on all units covered in this catalog unless a serial number or other qualifying designation is given for purpose of identification.

Throughout this catalog the terms LEFT, RIGHT, FRONT and REAR indicate the sides of the machine when facing forward in the operator's seat.

INTRODUCTION

(4) ASSEMBLIES. Wherever possible, the component parts of assemblies are indicated in the illustration by the use of boxes, brackets or arrows. When this cannot be done, the component parts of an assembly will be shown in the list.

(5) QUANTITIES. The quantity of each individual part follows its description. Where no quantity is shown, it is understood to mean that only (1) is used. In most cases, the quantity indicates the total required per machine. The only exception to this rule is when an assembly is shown at the beginning of the list which consists of all the individual parts in the list following it. In these cases, quantities shown with individual parts are the total required per assembly.

If the quantity is variable, the phrase "as required" will follow the part description.

(6) NOTES AND SYMBOLS. Throughout this catalog, symbols are used to designate certain recurring peculiarities. The explanation of these are as follows:

\$ - Individual parts of an assembly are not available. In these cases, the complete assembly must be ordered for service.

- Serial number not available.

(7) MISCELLANEOUS PARTS. Standard bolts, screws, nuts, etc. --- are not identified by a reference number. These parts are known as COMMON HARDWARE items and appear in abbreviated nomenclature and are shown indented under the major items with which they are used. They should be ordered as listed, since they are not component parts of the pieces they attach. Hardware parts with six digit C1 or R1 part numbers are designed for a specific use and should not be substituted with common hardware parts.

(8) SERIAL NUMBERS

MACHINE MODEL	MODEL CODE (KIND)	VARIATION CODE	COUNTRY OF ORIGIN	SERIAL SEQUENCE NO.
500 E TRACTOR	407	0061	C (Canada)	005501

Usually, only sequence numbers without preceding zeros are shown in the parts list. When necessary, County of Origin and Variation Code may also be shown in which case the preceding zeros of the sequence numbers will be included.

Example:

Sequence number - 5501
County of Origin - C005501
Variation - 61C005501

REFER TO SECTION TWO FOR "QUICK REFERENCE LIST FOR FILTER ELEMENTS, BELTS AND SERVICE PACKAGES."



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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FOR INDEX TO UNITS REFER TO
INTRODUCTION PAGE III



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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BELTS

676 835 R1 BELT, FAN AND ALTERNATOR DRIVE

ENGINE

3 132 669 R95 ENGINE ASSY, D155 DIESEL COMPLETE
 3 132 913 R93 ENGINE ASSY, D155 DIESEL SKELETON
 3 144 415 R91 PUMP, FUEL INJECTION

ETHER START

385 064 R91 FLUID,, ETHER STARTING- 12 OZ CAN

FILTERS

384 812 R93 FILTER, AIR CLEANER
 398 080 R2 FILTER, DIESEL ENGINE OIL
 528 250 R1 FILTER, HYDRAULIC OIL
 677 040 R91 FILTER, REVERSER PUMP SUCTION
 918 266 R92 FILTER, REVERSER TRANSMISSION
 3 136 336 R1 FILTER, BREATHER
 3 144 477 R92 FILTER, FUEL

HYDRAULIC FLUID

372 703 R5 FLUID, HY-TRAN 1 U.S. QUART
 372 704 R5 FLUID, HY-TRAN 1 U.S. GALLON
 372 705 R5 FLUID, HY-TRAN 5 U.S. GALLON
 407 024 R5 FLUID, HY-TRAN 15 U.S. GALLON
 999 597 R5 FLUID, HY-TRAN 30 U.S. GALLON
 999 655 R5 FLUID, HY-TRAN 55 U.S. GALLON
 997 495 R5 FLUID, HY-TRAN 1 IMP. QUART
 997 497 R5 FLUID, HY-TRAN 5 IMP. GALLON

PARTS ACCESSORIES

852 384 C91 PARTS ACCESSORY, HYDRAULIC AUXILIARY VALVE---FOR ADDING AN EXTRA 4 WAY SECTION TO A ONE, TWO OR THREE SECTION VALVE BANK CONSISTS OF-

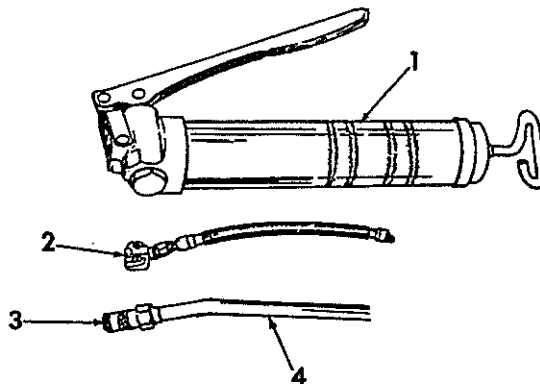
1-VALVE ASSY	850 835 C91
1-VALVE, RELIEF	850 145 C91
1-BRACKET	850 148 C1
2-SCREW	271 212
1-LINK, LEVER	635 714 R91
1-PIN, COTTER	187 357
3-STUD, VALVE	850 152 C1
2-KIT, SEAL	850 261 C91
2-KIT, SEAL	850 827 C91
1-COVER	850 232 C1

\$6-PROD GRAPHIC

1-LEVER	677 685 R1
1-KNOB	610 638 R1
2-ELBOW	9 410 977
2-O RING	570 828 R1
2-UNION	9 403 256
2-NUT, LOCK	9 403 295
2-HOSE ASSY	850 523 C91

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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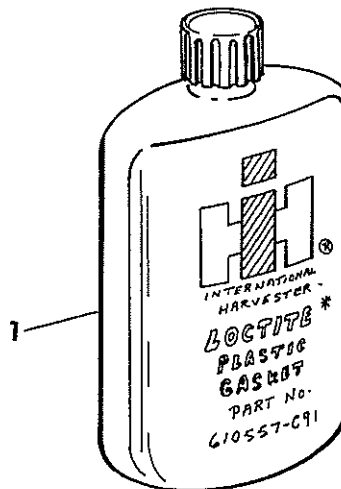
LUBRICATION GUN



HE 429

- 1 999 677 R91 GUN ASSY, LUB
- 2 636 715 R91 COUPLER ASSY, BUTTON W/HOSE
- 3 999 819 R91 COUPLER, 1/8 NPT FEMALE LUB
- 4 58 327 D TUBE, EXTENSION

GASKET LIQUID



HB 1977

- 1 610 557 C91 GASKET, LIQUID - FOR USE WITH GEAR SHIFT COVER-BEVEL GEAR COVER-HYD LIFT HOUSING -3 PT HITCH-STEERING CLUTCH HOUSING COVER-

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
PRODUCT GRAPHICS			
852 007 C91		SERVICE PACKAGE, PRODUCT GRAPHICS FOR BASIC AND GRADER MODELS -CONSIST OF	
		\$ PRODUCT GRAPHIC, INTERNATIONAL -2-	
		\$ PRODUCT GRAPHIC, IH	
		\$ PRODUCT GRAPHIC, INTERNATIONAL	
		\$ PRODUCT GRAPHIC, AIR CLEANER	
		\$ PRODUCT GRAPHIC, LUBRICATION	
		\$ PRODUCT GRAPHIC, LIGHT SW. POSITION	
		* PRODUCT GRAPHIC, DIESEL	
		\$ PRODUCT GRAPHIC, ENGINE OIL INST	
		\$ PRODUCT GRAPHIC, RESERVOIR WARNING	
		\$ PRODUCT GRAPHIC, HYDRAULIC OIL	
		\$ PRODUCT GRAPHIC, REVERSER CONTROL	
		\$ PRODUCT GRAPHIC, REV SAFETY LOCK	
		\$ PRODUCT GRAPHIC, THROTTLE CONTROL	
2 753 768 R2		PRODUCT GRAPHIC, CAUTION NEUTRAL POSITION FOR CONTROLS	
		\$ PRODUCT GRAPHIC, CAUTION BACKHOE MTG	
		\$ PRODUCT GRAPHIC, SHIFT PATTERN -4-	
		\$ PRODUCT GRAPHIC, HYDRAULIC CONTROL LOWER RAISE W/FLOAT -2-	
		\$ PRODUCT GRAPHIC, HYDRAULIC CONTROL LOWER RAISE L/FLOAT	
		\$ PRODUCT GRAPHIC, HYDRAULIC CONTROL ANGLE LEFT AND RIGHT	
		\$ PRODUCT GRAPHIC, HYDRAULIC CONTROL TILT LEFT AND RIGHT	
		\$ PRODUCT GRAPHIC, MODEL 510	
		\$ PRODUCT GRAPHIC, MODEL 511	
		\$ PRODUCT GRAPHIC, MODEL 512	
852 654 C1		PRODUCT GRAPHIC, CAUTION 1000 RPM POWER-TAKE-OFF	
852 731 C1		PRODUCT GRAPHIC, CAUTION 540 RPM POWER-TAKE-OFF	
		\$ PRODUCT GRAPHIC, SIDE PATCH -2-	
		\$ PRODUCT GRAPHIC, MODEL 500 E -2-	
2 753 821 R2		PRODUCT GRAPHIC, CAUTION TRANSMISSION REVERSE GEAR	
68 819 C1		PRODUCT GRAPHIC, CAUTION USE OF BOOSTER BATTERY	
61 907 C1		PRODUCT GRAPHIC, WARNING MACHINE OPERATION	
PRODUCT GRAPHICS			
2 753 768 R2		PRODUCT GRAPHIC, CAUTION NEUTRAL POSITION FOR CONTROLS	
852 654 C1		PRODUCT GRAPHIC, CAUTION 1000 RPM POWER-TAKE-OFF	
852 731 C1		PRODUCT GRAPHIC, CAUTION 540 RPM POWER-TAKE-OFF	
2 753 821 R2		PRODUCT GRAPHIC, CAUTION TRANSMISSION REVERSE GEAR	
68 819 C1		PRODUCT GRAPHIC, CAUTION USE OF BATTERY BOOSTER	
61 907 C1		PRODUCT GRAPHIC, WARNING MACHINE OPERATION	
647 172 C1		PRODUCT GRAPHIC, R.O.P.S. WARNING	
2 753 860 R1		PRODUCT GRAPHIC, IMPORTANT FOR USE W/68 INCH GAUGE WIDTH ONLY	

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
PRODUCT GRAPHICS -CONTINUED			
852 038 C91		SERVICE PACKAGE, PRODUCT GRAPHICS FOR LOADER TRACTORS -CONSIST OF	
		\$ PRODUCT GRAPHIC, INTERNATIONAL -2-	
		\$ PRODUCT GRAPHIC, IH	
		\$ PRODUCT GRAPHIC, INTERNATIONAL	
		\$ PRODUCT GRAPHIC, AIR CLEANER	
		\$ PRODUCT GRAPHIC, LUBRICATION	
		\$ PRODUCT GRAPHIC, LIGHT SW. POSITION	
		* PRODUCT GRAPHIC, DIESEL	
		\$ PRODUCT GRAPHIC, ENGINE OIL INST	
		\$ PRODUCT GRAPHIC, RESERVOIR WARNING	
		\$ PRODUCT GRAPHIC, HYDRAULIC OIL	
		\$ PRODUCT GRAPHIC, REVERSER CONTROL	
		\$ PRODUCT GRAPHIC, REV SAFETY LOCK	
		\$ PRODUCT GRAPHIC, THROTTLE CONTROL	
2 753 768 R2		PRODUCT GRAPHIC, CAUTION NEUTRAL POSITION FOR CONTROLS	
		\$ PRODUCT GRAPHIC, CAUTION BACKHOE MTG	
		\$ PRODUCT GRAPHIC, SHIFT PATTERN -4-	
		\$ PRODUCT GRAPHIC, HYDRAULIC CONTROL LOWER RAISE W/FLOAT -2-	
		\$ PRODUCT GRAPHIC, HYDRAULIC CONTROL LOWER RAISE L/FLOAT	
		\$ PRODUCT GRAPHIC, HYDRAULIC CONTROL ROLL BACK/DUMP	
		\$ PRODUCT GRAPHIC, HYDRAULIC CONTROL CLAM CLOSE AND OPEN	
		\$ PRODUCT GRAPHIC, BUCKET INDICATOR GENERAL PURPOSE BUCKET	
		\$ PRODUCT GRAPHIC, CLAM OPENING	
		\$ PRODUCT GRAPHIC, TILT CYLINDER MULTI-PURPOSE BUCKET	
852 654 C1		PRODUCT GRAPHIC, CAUTION 1000 RPM POWER-TAKE-OFF	
852 731 C1		PRODUCT GRAPHIC, CAUTION 540 RPM POWER-TAKE-OFF	
		\$ PRODUCT GRAPHIC, SIDE PATCH -2-	
		\$ PRODUCT GRAPHIC, MODEL 500 E -2-	
2 753 821 R2		PRODUCT GRAPHIC, CAUTION TRANSMISSION REVERSE GEAR	
68 819 C1		PRODUCT GRAPHIC, CAUTION USE OF BOOSTER BATTERY	
61 907 C1		PRODUCT GRAPHIC, WARNING MACHINE OPERATION	

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
SERVICE KITS, SETS AND PACKAGES			
FOR DETAILS AS TO CONTENTS REFER TO SPECIFIC SECTIONS LISTED			
<u>DRIVE TRAIN - SECTION 07</u>			
850 030 C91	PACKAGE, TRANSMISSION GASKET SERVICE		
850 031 C91	PACKAGE, HYDRAULIC REVERSER GASKET AND SEAL SERVICE		
850 215 C91	SET, BEVEL GEAR BEARING RETAINER SHIM		
850 216 C91	SET, TRANSMISSION INPUT SHAFT BEARING HOUSING SHIM		
850 217 C91	SET, TRANSMISSION SPLINE SHAFT BEARING HOUSING SHIM		
852 008 C91	PACKAGE, FINAL DRIVE GASKET AND SEAL SERVICE		
852 624 C91	SET, FINAL DRIVE BULL GEAR SHAFT INNER BEARING SHIM		
<u>HYDRAULICS - SECTION 10</u>			
481 805 R91	KIT, HYDRAULIC COUPLING SERVICE		
614 750 R92	KIT, POWER STEERING HYDRAULIC PUMP SEAL SERVICE		
850 153 C91	PACKAGE, HYDRAULIC PUMP SEAL AND GASKET SERVICE FOR 12 & 17 GPM PUMPS		
850 447 C92	KIT, HYDRAULIC PUMP SEAL SERVICE FOR 27 GPM PUMP		
850 381 C91	KIT, MASTER SEAL FOR 1 & 2 SECTION HYDRAULIC VALVE BANKS WITH 90 DUROMETER -HARD RUBBER- SECTION SEALS		
850 383 C91	KIT, MASTER SEAL FOR 3 & 4 SECTION HYDRAULIC VALVE BANKS WITH 90 DUROMETER -HARD RUBBER- SECTION SEALS		
850 832 C91	KIT, MASTER SEAL FOR 1 & 2 SECTION HYDRAULIC VALVE BANKS WITH 70 DUROMETER -SOFT RUBBER- SECTION SEALS		
850 834 C91	KIT, MASTER SEAL FOR 3 & 4 SECTION HYDRAULIC VALVE BANKS WITH 70 DUROMETER -SOFT RUBBER- SECTION SEALS		
850 261 C91	KIT, IN BETWEEN SECTION SEAL FOR HYDRAULIC VALVE BANKS WITH 90 DUROMETER -HARD RUBBER- SECTION SEALS		
850 827 C91	KIT, IN BETWEEN SECTION SEAL FOR HYDRAULIC VALVE BANKS WITH 70 DUROMETER -SOFT RUBBER- SECTION SEALS		
850 162 C91	PACKAGE, HYDRAULIC VALVE MAIN RELIEF VALVE SEAL SERVICE		
850 164 C91	PACKAGE, HYDRAULIC VALVE PORT RELIEF VALVE SEAL SERVICE		
850 165 C91	PACKAGE, HYDRAULIC VALVE SPOOL SEAL SERVICE FOR VALVE SECTION WITH INTERNAL GROOVE MOUNTED SPOOL SEALS		

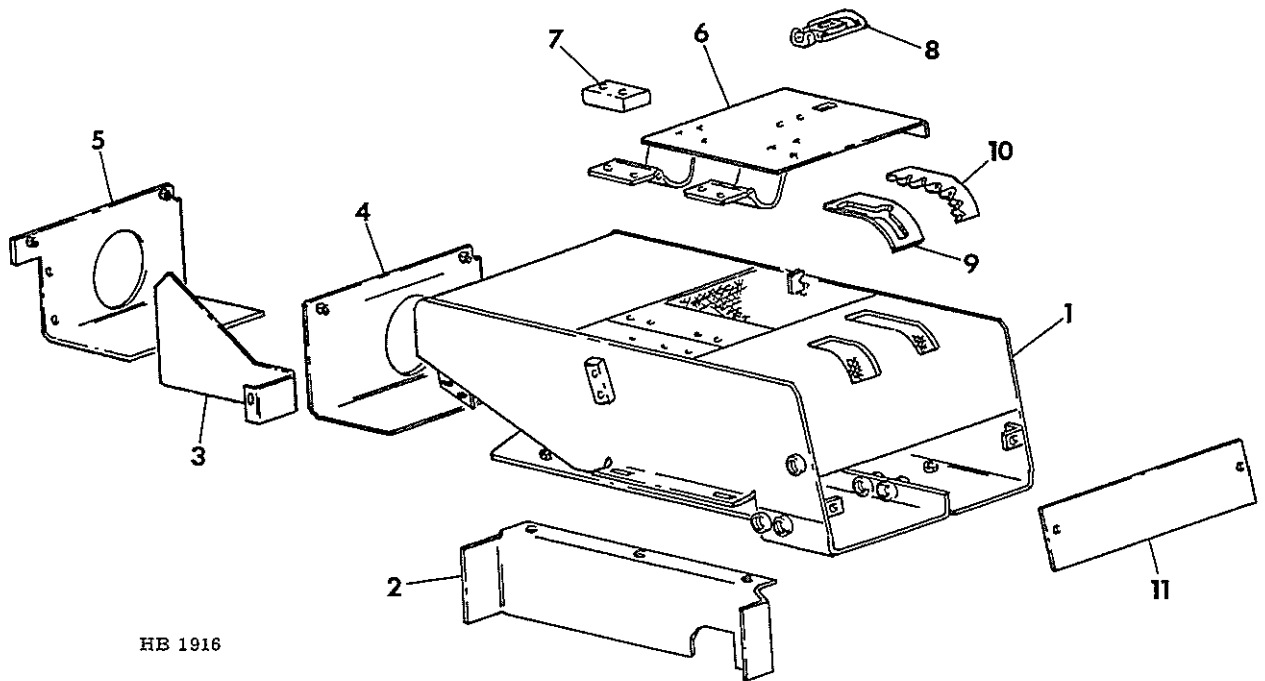
REF. NO.	PART NUMBER	DESCRIPTION	TC-210
SERVICE KITS, SETS AND PACKAGES -CONTINUED			
850 829 C91	PACKAGE, HYDRAULIC VALVE SPOOL SEAL SERVICE FOR VALVE SECTION WITH EXTERNAL BORE MOUNTED SPOOL SEALS		
850 881 C91	PACKAGE, HYDRAULIC VALVE SPOOL SEAL SERVICE FOR VALVE SECTION WITH EXTERNAL BORE MOUNTED SPOOL SEALS		
850 366 C91	KIT, POWER BEYOND SLEEVE FOR HYDRAULIC VALVE WITH BACKHOE		
850 209 C91	PACKAGE, HYDRAULIC REVERSER CONTROL VALVE OVERHAUL SERVICE FOR VALVE WITH POWER CONTROL PEDAL SPOOL		
850 210 C91	PACKAGE, HYDRAULIC REVERSER CONTROL VALVE OVERHAUL SERVICE FOR VALVE WITHOUT POWER CONTROL PEDAL SPOOL		
850 211 C91	PACKAGE, HYDRAULIC REVERSER VALVE MOUNTING GASKET & SEAL SERVICE		
<u>POWER - SECTION 12</u>			
3 136 407 R91	PACKAGE, ENGINE VALVE STEM SEAL		
3 136 724 R93	PACKAGE, ENGINE CRANKSHAFT OIL SEAL		
3 136 798 R95	PACKAGE, ENGINE CYLINDER HEAD GASKET SERVICE		
3 136 802 R94	PACKAGE, ENGINE CRANKCASE GASKET SERVICE		
<u>SUSPENSION - SECTION 14</u>			
852 009 C91	PACKAGE, TRACK ROLLER SERVICE		
852 010 C91	PACKAGE, OIL SEAL SERVICE FOR TRACK ROLLERS, FRONT IDLER AND TOP IDLER		
852 011 C91	PACKAGE, TOP IDLER SERVICE		
852 507 C91	SET, TRACK ROLLER & FRONT IDLER SHAFT SHIM		
852 740 C91	KIT, TRACK ADJUSTER SEAL SERVICE		
<u>WHEELS AND TRACTION - SECTION 15</u>			
636 733 R91	CHAIN ASSY, TRACK		
676 488 R91	PACKAGE, TRACK LINK BUSHING SERVICE		
850 855 C91	KIT, TRACK CHAIN PIN & BUSHING SERVICE FOR REBUILD OF ONE CHAIN ASSY		
<u>MOUNTED EQUIPMENT - SECTION 17</u>			
406 491 R91	KIT, HYDRAULIC CYLINDER SERVICE FOR GRADER LIFT, ANGLE AND TILT CYLINDERS		
471 267 R95	KIT, HYDRAULIC CYLINDER SERVICE FOR LOADER LIFT CYLINDERS		
471 270 R95	KIT, HYDRAULIC CYLINDER SERVICE FOR GRADER LIFT AND FOR LOADER TILT & BUCKET CYLINDERS		

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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TOOL BOX

TOOL BOX -CONTINUED



HB 1916

1	852 141 C91	BOX ASSY, TOOL & CONTROL NON-INTEGRATED TYPE FOR USE W/ TRACTORS WITH THREE POINT HITCH
1		BOX ASSY, TOOL & CONTROL INCLUDES SECTORS-677 137 R1- AND-852 202 C1 INTEGRATED TYPE-WELDED- NOT FOR USE WITH TRACTORS WITH POINT HITCH REFER TO-FUEL TANK-SECTION 12
	485 734 R1	BOLT, 1/2-13 X 1-1/4 CARRIAGE -3-
	120 378	NUT, 1/2-13 HEX -3-
	180 173	BOLT, 1/2-13 X 1 HEX-HD -4- FOR USE W/ TRACTORS WITH THREE POINT HITCH
	120 384	WASHER, 1/2 LOCK -4-
	20 601 R1	WASHER, .531 X 1.250 X .105 FLAT -4-
2	677 145 R1	FILLER, TOOL BOX SIDE
	180 077	BOLT, 5/16-18 X 3/4 HEX-HD -4-
	180 081	BOLT, 5/16-18 X 1-1/4 HEX HD
	120 214	WASHER, 5/16 LOCK -5-
	619 855 R1	WASHER, .344 X .750 X .054 FLAT -5-
3	677 367 R1	FILLER, LH INNER REAR FOR USE W/ TRACTORS WITH THREE POINT HITCH
	180 075	BOLT, 5/16-18 X 5/8 HEX-HD -3-
	120 376	NUT, 5/16-18 HEX -3-
	120 214	WASHER, 5/16 LOCK -3-
4	852 395 C1	FILLER ASSY, REAR LH FOR TRACTORS WITH WINCH OR BOX-TYPE COUNTERWEIGHT

5	850 420 C2	FILLER ASSY, REAR LH FOR TRACTORS WITH REAR EQUIPMENT FRAMES, LOG ARCH, THREE POINT HITCH, RIPPERS OR BACKHOE
	180 075	BOLT, 5/16-18 X 5/8 HEX-HD -3-
	120 214	WASHER, 5/16 LOCK -3-
	619 855 R1	WASHER, .344 X .750 X .056 FLAT
6	852 212 C1	COVER ASSY, TOOL BOX
7	676 165 R1	BAR, HINGE SPACER -2-
	180 022	BOLT, 1/4-20 X 1 HEX-HD -4-
	120 375	NUT, 1/4-20 HEX -4-
	120 380	WASHER, 1/4 LOCK -4-
8	852 332 C1	LATCH ASSY, COVER
	436 750	SCREW, 10-32 X 1/2 SLT-PAN-HD -2-
	120 614	NUT, 10-32 HEX -2-
	120 217	WASHER, 10 LOCK -2-
9	677 137 R1	SECTOR, HYD REVERSER DIRECTION CONTROL
	102 676	RIVET, 3/16 X 9/16 BUTTON-HD-2-
10	677 132 R1	SECTOR, THROTTLE CONTROL
	102 676	RIVET, 3/16 X 9/16 BUTTON-HD-2-
11	852 209 C1	BAR, FRONT COVER
	180 077	BOLT, 5/16-18 X 3/4 HEX-HD -2-



MISCELLANEOUS

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SECTION 02

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MISCELLANEOUS

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SECTION 02

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BRAKES

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SECTION 04

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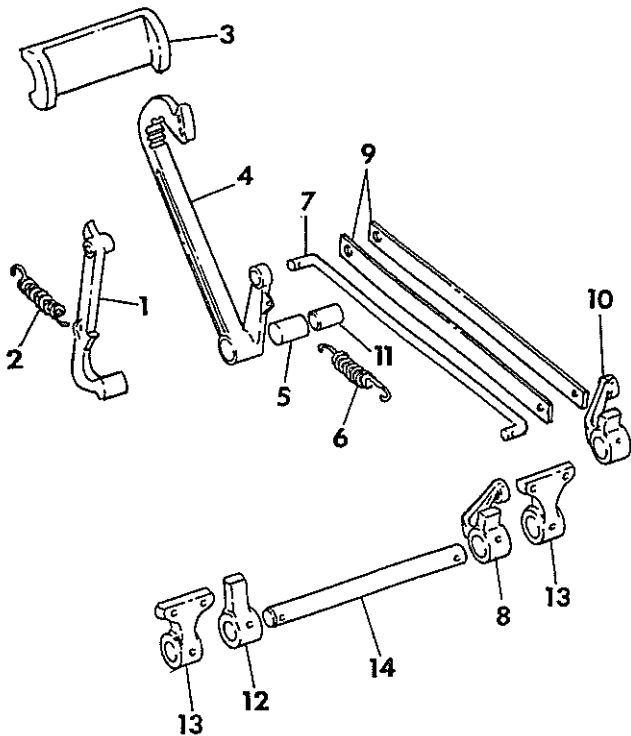
BRAKES

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SECTION 04

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BRAKE PEDAL



HB-1924

- 1 676 896 R1 PEDAL, BRAKE LOCK
1 233 PIN, 3/8 X 1-5/8 HEADED DLD
619 856 R1 WASHER, .406 X 1.000 X .054 FLAT
103 384 PIN, 1/8 X 3/4 COTTER
- 2 41 935 D SPRING, BRAKE LOCK PEDAL
- 3 676 895 R1 PAD, PEDAL FOOT
180 128 BOLT, 3/8-16 X 1-3/4 HEX-HD -2-
120 377 NUT, 3/8-16 HEX -2-
120 382 WASHER, 3/8 LOCK -2-
- 4 676 893 R11 PEDAL ASSY, BRAKE
- INCLUDES BUSHING -
- 5 635 091 R1 BUSHING, PEDAL PIVOT
- 6 676 894 R1 SPRING, BRAKE PEDAL
677 070 R1 PIN, BRAKE PEDAL SPRING ANCHOR

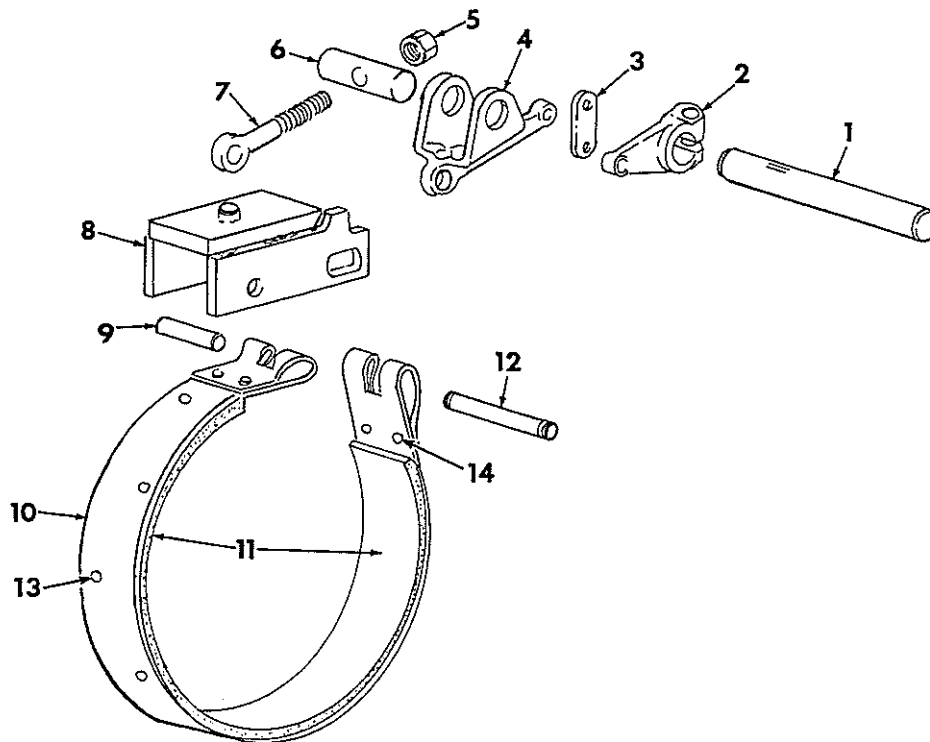
BRAKE PEDAL -CONTINUED

- 7 676 897 R1 ROD, BRAKE PEDAL CONTROL
- MANUAL STEERING -
607 895 R1 WASHER, .531 X 1.000 X .105 FLAT -2-
103 407 PIN, 3/16 X 1 COTTER -2-
- 8 676 899 R1 ARM, BRAKE CROSS SHAFT RH
- MANUAL STEERING -
617 940 R1 PIN, 5/16 X 1-3/4 COILED SPRING
- 9 852 033 C1 BAR, BRAKE PEDAL CONTROL -2-
- POWER STEERING -
21 341 R1 PIN, 1/2 X 1.000 HEADED-ZND
103 407 PIN, 3/16 X 1 COTTER
103 494 PIN, 1/4 X .766 CLEVIS HARD
103 361 PIN, 1/16 X 1/2 COTTER
- 10 852 032 C1 ARM, BRAKE CROSS SHAFT RH
- POWER STEERING -
617 940 R1 PIN, 5/16 X 1-3/4 COILED SPRING
- 11 635 308 R2 SPACER, PEDAL PIVOT
271 724 BOLT, 5/8-11 X 2-1/4 HEX-HD
21 782 R1 WASHER, .656 X 1.500 X .054 FLAT
- 12 676 898 R1 ARM, BRAKE CROSS SHAFT LH
617 940 R1 PIN, 5/16 X 1-3/4 COILED SPRING
- 13 852 099 C1 LEVER, BRAKE ACTUATING -2-
617 940 R1 PIN, 5/16 X 1-3/4 COILED SPRING -2-
635 309 R2 BOLT, ADJUSTING -4-
120 377 NUT, 3/8-16 HEX -4-
- 14 676 900 R1 SHAFT, BRAKE CROSS
21 742 R1 WASHER, 1.031 X 1.500 X .027 FLAT-2-
591 715 R1 WASHER, 1.031 X 1.500 X .054 FLAT-2-



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MASTER BRAKE AND CONTROLS -



HB-1922

1	676 902 R1	SHAFT, BRAKE ACTUATING -2-
2	676 903 R1	LEVER, BRAKE INTERMEDIATE -2-
	635 305 R1	KEY, LEVER -2-
	180 126	BOLT, 3/8-16 X 1-1/2 HEX-HD -2-
	120 382	WASHER, 3/8 LOCK -2-
3	852 098 C1	LINK, BRAKE FLOATING LEVER -4-
Q	1 179	PIN, 5/16 X 1-1/4 HEADED - DLD -4-
	103 384	PIN, 1/8 X 3/4 COTTER -4-
4	852 001 C1	LEVER, BRAKE FLOATING -2-
5	676 908 R1	NUT, ADJUSTING BOLT -2-
6	676 906 R1	PIN, BRAKE BAND TRUNNION -2-
7	852 005 C1	BOLT, BRAKE BAND ADJUSTING -2-
8	852 006 C1	BRACKET ASSY, BRAKE BAND ANCHOR -2-
	271 546	BOLT, 5/8-11 X 1-1/4 HEX-HD -2-
9	676 909 R1	PIN, BRAKE BAND ADJUSTING BOLT -2-
10	676 915 R92	BAND ASSY, BRAKE W/LINING -2-



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MASTER BRAKE AND CONTROLS - -CONTINUED

11	676 919 R91	LINING ASSY, BRAKE -2-	
		-CONSISTS OF	
	\$ 2	LINING	676 920 R1
	20	RIVET	53 795 V
12	676 910 R1	PIN, BRAKE FLOATING LEVER -2-	
	267 805 R1	RING, PIN RETAINING -4-	
	21 796 R1	WASHER, .656 X 1.000 X .054 FLAT -4-	
13	53 795 V	RIVET, 3/16 X 5/16 SK-HD BRASS TUBULAR -40-	
14	104 263	RIVET, 5/16 X 1/2 F-HD -20-	



BRAKES

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SECTION 04

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BRAKES

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SECTION 04

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STEERING

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SECTION 05

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SECTION 05

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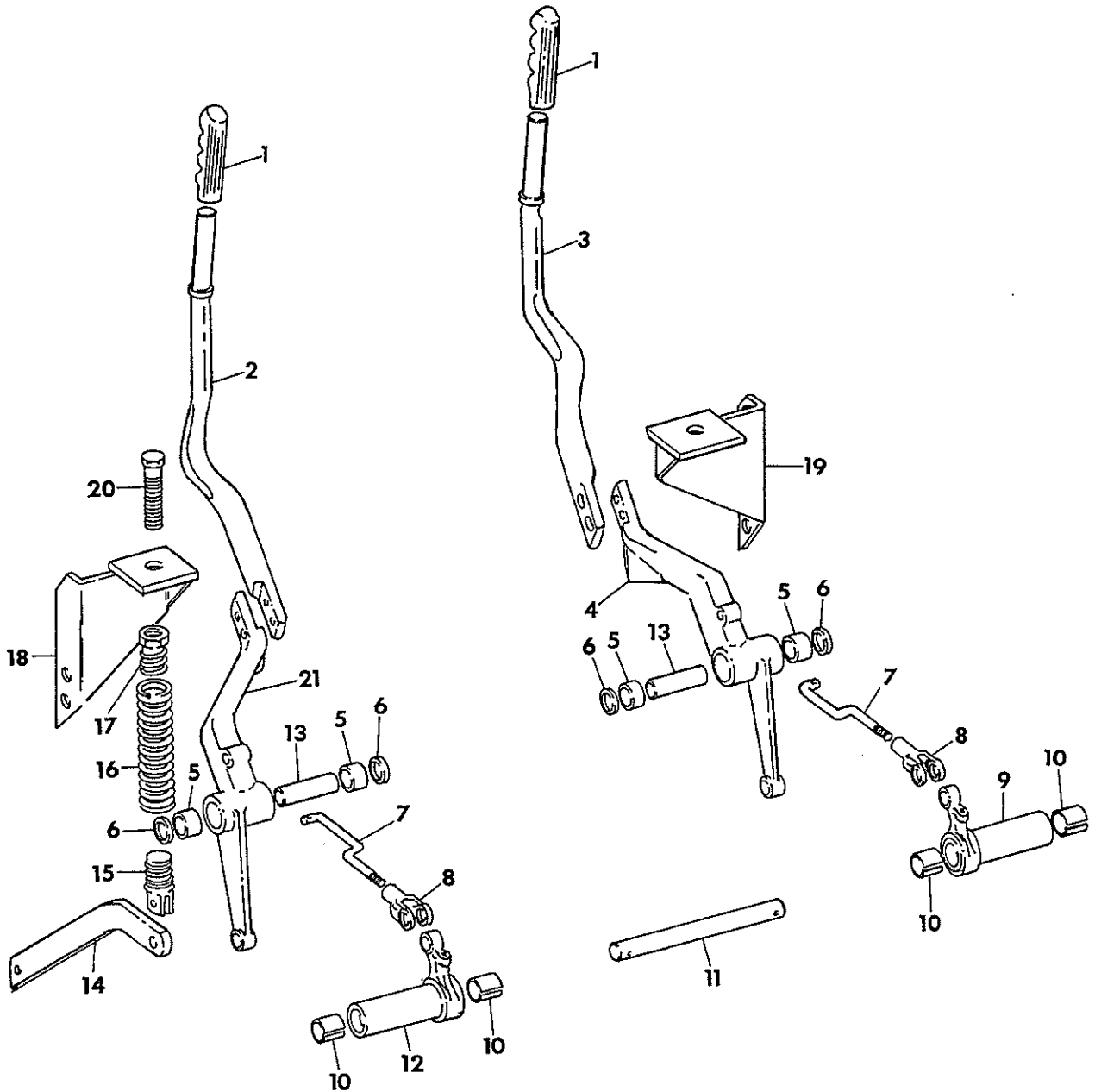
REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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MANUAL STEERING



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MANUAL STEERING -CONTINUED



HB 1925

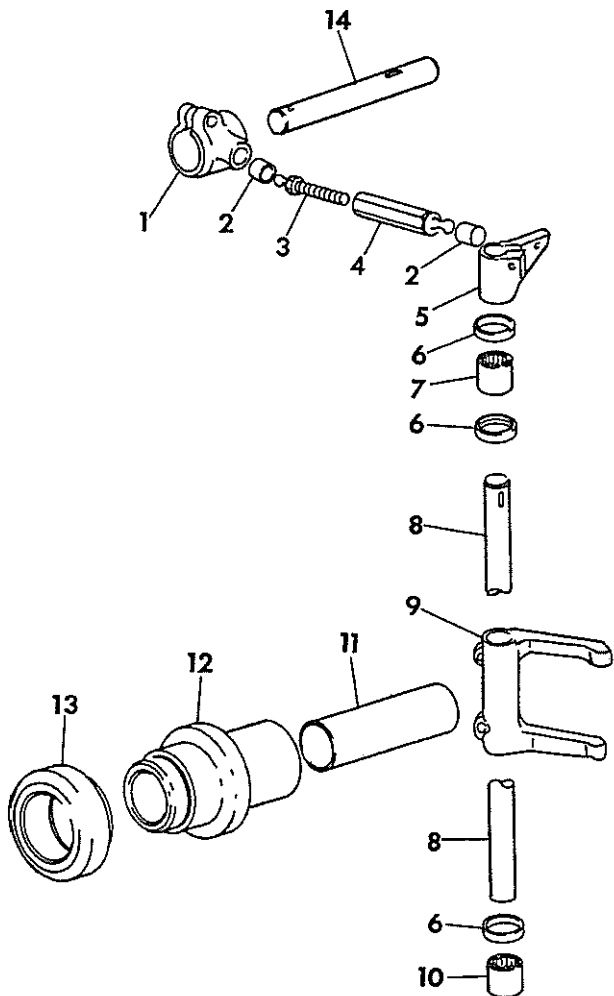
REF. NO.	PART NUMBER	DESCRIPTION	TC-210
MANUAL STEERING -CONTINUED			
1	595 231 R1	GRIP, STEERING LEVER -2-	
2	676 798 R2	LEVER, STEERING UPPER LH	
3	676 799 R2	LEVER, STEERING UPPER RH	
	180 126	BOLT, 3/8-16 X 1-1/2 HEX-HD -4-	
9	413 953	NUT, 3/8-16 PREVAILING-TORQUE TYPE -4-	
	120 382	WASHER, 3/8 LOCK -4-	
4	676 801 R2	LEVER, STEERING LOWER RH	
5	10 026 R	BEARING, LEVER PIVOT -4-	
6	127 145 R91	SEAL, LEVER PIVOT OIL -4-	
7	850 484 C1	ROD, STEERING CONTROL -2-	
	607 895 R1	WASHER, .531 X 1.000 X .105 FLAT -2-	
	103 407	PIN, 3/16 X 1 COTTER -2-	
8	116 538	CLEVIS, 1/2-20 ROD END -2-	
	124 934	NUT, 1/2-20 HEX-JAM -2-	
	103 498	PIN, 1/2 X 1.359 CLEVIS -2-	
	103 385	PIN, 1/8 X 1 COTTER -2-	
9	676 814 R11	LEVER ASSY, STEERING ACTUATING RH -INCLUDES 2-676 815 R1 BUSHINGS	
	109 461	FITTING, 1/8-27 NPT STR LUB	
10	676 815 R1	BUSHING, ACTUATING LEVER -4-	
11	676 900 R1	SHAFT, BRAKE CROSS	
	21 742 R1	WASHER, 1.031 X 1.500 X .027 FLAR *1 -2-	
	591 715 R1	WASHER, 1.031 X 1.500 X .054 FLAT *1 -2-	
12	676 813 R11	LEVER ASSY, STEERING ACTUATING LH -INCLUDES 2-676 815 R1 BUSHINGS	
	109 461	FITTING, 1/8-27 NPT STR LUB	
13	635 109 R2	SPACER, LEVER PIVOT -2-	
	271 729	BOLT, 5/8-11 X 3-1/2 HEX-HD -2-	
	21 782 R1	WASHER, .656 X 1.500 X .054 FLAT -2-	
14	676 804 R1	BRACE, STEERING ASSIST SPRING -2-	
	103 498	PIN, 1/2 X 1.359 CLEVIS -4-	
	103 385	PIN, 1/8 X 1 COTTER -4-	
15	676 806 R1	PLUG, ASSIST SPRING LOWER -2-	
16	275 218 R1	SPRING, STEERING ASSIST -2-	
17	676 805 R1	PLUG, ASSIST SPRING UPPER -2-	
18	676 807 R1	BRACKET ASSY, ASSIST SPRING ANCHOR LH	
19	676 808 R1	BRACKET ASSY, ASSIST SPRING ANCHOR RH	
	180 175	BOLT, 1/2-13 X 1-1/4 HEX-HD -4-	
	120 378	NUT, 1/2-13 HEX -4-	
20	555 026 R1	BOLT, SPRING ADJUSTING -2-	
21	676 800 R2	LEVER, STEERING LOWER LH	

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STEERING CLUTCH CONTROLS



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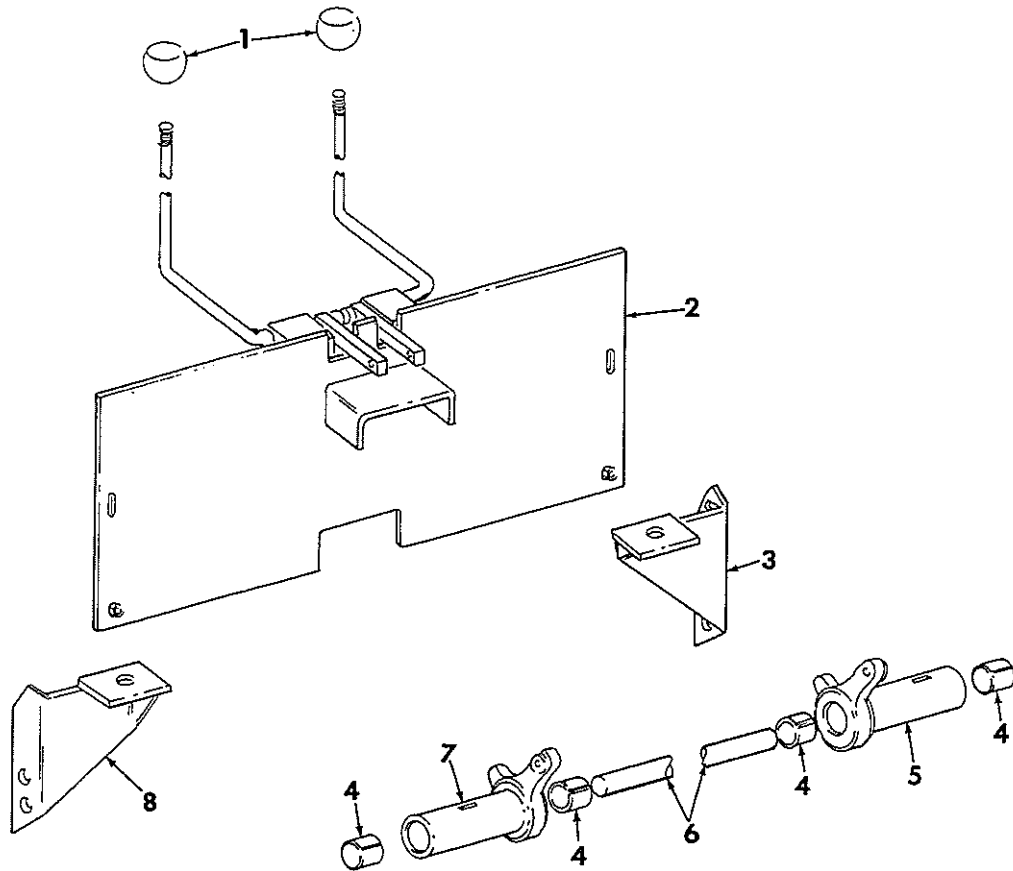
STEERING CLUTCH CONTROLS -CONTINUED

1	676 816 R1	ARM, STEERING ACTUATING LH	
1	676 817 R1	ARM, STEERING ACTUATING RH -SHOWN-	
	635 305 R1	KEY, ACTUATING ARM -2-	
	180 126	BOLT, 3/8-16 X 1-1/2 HEX-HD -2-	
	120 382	WASHER, 3/8 LOCK -2-	
2	676 818 R1	CUP, STEERING LINK BALL -4-	
3	676 819 R1	LINK, STEERING MALE -2-	
4	676 820 R1	LINK, STEERING FEMALE -2-	
	124 934	NUT, 1/2-20 HEX-JAM -2-	
5	676 821 R1	ARM, STRG CLUTCH RELEASE SHAFT LH	
5	676 822 R1	ARM, STRG CLUTCH RELEASE SHAFT RH-SHOWN	
	635 305 R1	KEY, SHAFT ARM -2-	
	180 126	BOLT, 3/8-16 X 1-1/2 HEX-HD -2-	
	120 382	WASHER, 3/8 LOCK -2-	
6	127 145 R91	SEAL, RELEASE SHAFT OIL -6-	
7	852 358 C91	BEARING, RELEASE SHAFT UPPER -2-	
8	852 356 C1	SHAFT, STEERING CLUTCH RELEASE LH	
8	852 357 C1	SHAFT, STEERING CLUTCH RELEASE RH-SHOWN	
9	676 825 R1	FORK, STEERING CLUTCH -2-	
	635 305 R1	KEY, FORK -4-	
	180 124	BOLT, 3/8-16 X 1-1/4 HEX-HD -4-	
	120 382	WASHER, 3/8 LOCK -4-	
10	10 026 R	BEARING, RELEASE SHAFT LOWER -2-	
11	676 851 R1	BUSHING, STEERING CLUTCH RELEASE -2-	
12	676 826 R1	SLEEVE, CLUTCH RELEASE BEARING -2-	
13	365 865 R91	BEARING, STEERING CLUTCH RELEASE -2-	
14	676 902 R1	SHAFT, BRAKE ACTUATING -2-	



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POWER STEERING CONTROLS



HB-1921

1	677 093 R1	KNOB, STEERING LEVER -2-
2	852 101 C1	LEVERS ASSY, STEERING W/SUPPORT
	180 075	BOLT, 5/16-18 X 5/8 HEX-HD -2-
	120 214	WASHER, 5/16 LOCK -2-
	619 855 R1	WASHER, .344 X .750 X .054 FLAT -2-
3	676 808 R1	BRACKET ASSY, OPERATORS COMPARTMENT RH
	180 175	BOLT, 1/2-13 X 1-1/4 HEX-HD -2-
	120 378	NUT, 1/2-13 HEX -2-
4	676 815 R1	BUSHING, ACTUATING LEVER -4-
5	852 653 C1	LEVER ASSY, STEERING ACTUATING RH
	109 461	-INCLUDES BUSHINGS 676 815 R1 FITTING, 1/8-27 NPT STR LUB
6	676 900 R1	SHAFT, BRAKE CROSS
	21 742 R1	WASHER, 1.031 X 1.500 X .027 FLAT-2-
	591 715 R1	WASHER, 1.031 X 1.500 X .054 FLAT-2-
7	852 652 C1	LEVER ASSY, STEERING ACTUATING LH
	109 461	-INCLUDES BUSHINGS 676 815 R1 FITTING, 1/8-27 NPT STR LUB
8	676 807 R1	BRACKET ASSY, OPERATORS COMPARTMENT LH
	180 175	BOLT, 1/2-13 X 1-1/4 HEX-HD -2-
	120 378	NUT, 1/2-13 HEX -2-



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POWER STEERING CONTROLS -CONTINUED

STEERING

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STEERING

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COOLING

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SECTION 06

REF. NO.

PART NUMBER

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SECTION 06

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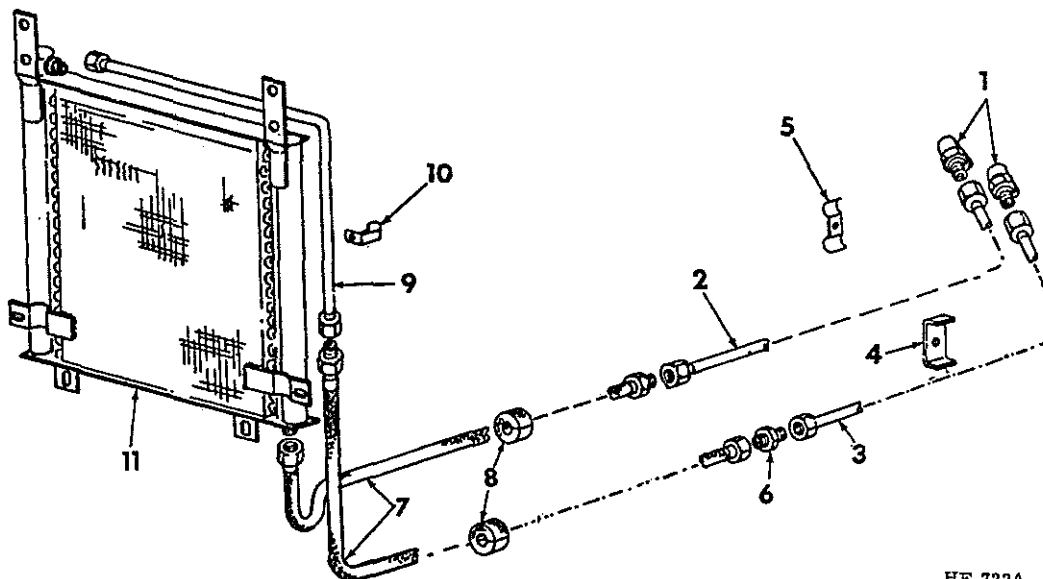
PART NUMBER

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REVERSER OIL COOLER
FOR REVERSER WITH TORQUE CONVERTER



HE 722A

1	9 410 977	ELBOW, 3/4-16 HYD 37 DEG FLARED -2- TUBE ADJ STR THRD 90 DEG W/NUT & BACK-UP WASHER C-Z
	570 828 R1	O RING -2-
2	677 181 R11	TUBE ASSY, COOLER OUTLET REAR
3	677 180 R11	TUBE ASSY, COOLER INLET REAR
4	850 432 C1	CHANNEL, CLAMP SUPPORT
5	677 183 R1	CLAMP, DUAL TUBE
	180 042	BOLT, 1/4-20 X 1-3/4 HEX-HD
	120 375	NUT, 1/4-20 HEX
	21 801 R1	WASHER, .281 X .750 X .054 FLAT
	445 213	NUT, 1/4 SPRING - FLAT TYPE 1 MED
6	9 402 787	UNION, 3/4-16 HYD 37 DEG FLARED TUBE C-Z
7	850 433 C91	HOSE, REVERSER COOLER INLET & OUTLET -2-
8	677 184 R1	SEAL, HOSE INSULATOR -2-
9	677 182 R11	TUBE ASSY, COOLER INLET FRONT
10	677 185 R1	CLAMP, TUBE
	443 874	SCREW, 10-24 X 1/2 HEX-HD MACH
	120 361	NUT, 10-24 HEX
	120 217	WASHER, NO 10 LOCK
	180 120	BOLT, 3/8-16 X 3/4 HEX-HD
	120 377	NUT, 3/8-16 HEX
	120 382	WASHER, 3/8 LOCK
	619 856 R1	WASHER, .406 X 1.000 X .056 FLAT
11	677 186 R91	COOLER ASSY, REVERSER OIL
	21 843 R1	WASHER, .406 X 1.000 X .209 FLAT -8-
	120 377	NUT, 3/8-16 HEX -4-
	120 382	WASHER, 3/8 LOCK -4-
	619 856 R1	WASHER, .406 X 1.000 X .056 FLAT -4-

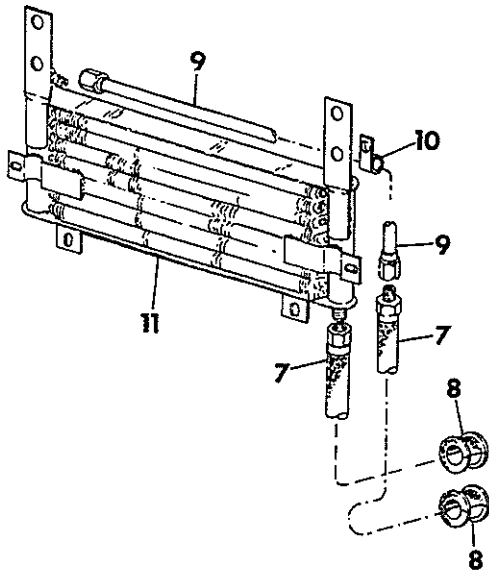
REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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REVERSER OIL COOLER -CONTINUED
FOR REVERSER WITH TORQUE CONVERTER



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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REVERSER OIL COOLER
FOR REVERSER W/O TORQUE CONVERTER



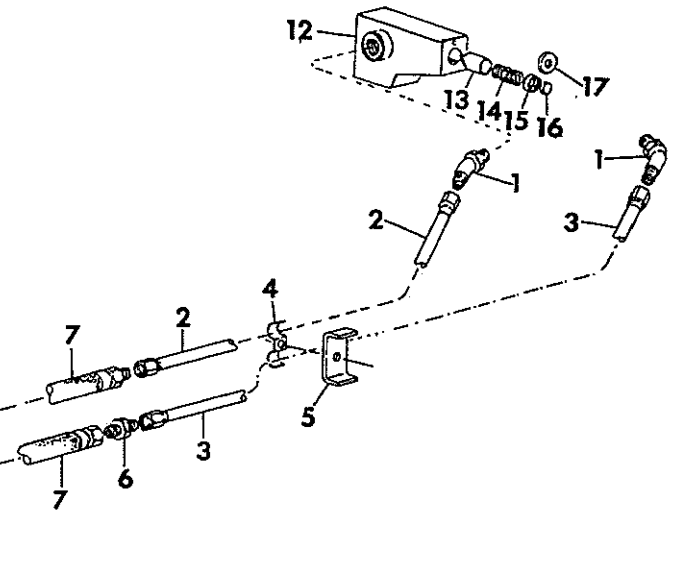
HE-723A

1	9	411 107	ELBOW, 1-1/16-12 HYD 37 DEG FLARED -2- TUBE ADJ STR THRD 45 DEG W/NUT & BACK-UP WASHER C-Z
		368 269 R1	O RING -2-
2		677 206 R11	TUBE ASSY, COOLER INLET REAR
3		677 207 R11	TUBE ASSY, COOLER OUTLET REAR
4		677 168 R1	CLAMP, DUAL TUBE
5		850 432 C1	CHANNEL, CLAMP SUPPORT
		180 042	BOLT, 1/4-20 X 1-3/4 HEX-HD
		120 375	NUT, 1/4-20 HEX
		21 801 R1	WASHER, .281 X .750 X .054 FLAT
		445 213	NUT, 1/4 SPRING - FLAT TYPE 1 MED
6	9	402 789	UNION, 1-1/16-12 HYD 37 DEG FLARED
7		852 725 C91	HOSE, COOLER INLET & OUTLET -2-
8		677 171 R1	SEAL, HOSE INSULATOR -2-
9		852 147 C1	TUBE ASSY, COOLER OUTLET FRONT
10		384 768 C1	CLAMP, TUBE
		72 874 R1	SPACER, TUBE CLAMP
		180 124	BOLT, 3/8-16 X 1-1/4 HEX-HD
		120 377	NUT, 3/8-16 HEX
		120 382	WASHER, 3/8 LOCK
11		677 173 R91	COOLER ASSY, REVERSER OIL
		120 377	NUT, 3/8-16 HEX -2-
		180 120	BOLT, 3/8-16 X 3/4 HEX-HD -2-
		120 382	WASHER, 3/8 LOCK
		20 803 R1	WASHER, .406 X 1.000 X .105 FLAT -7-



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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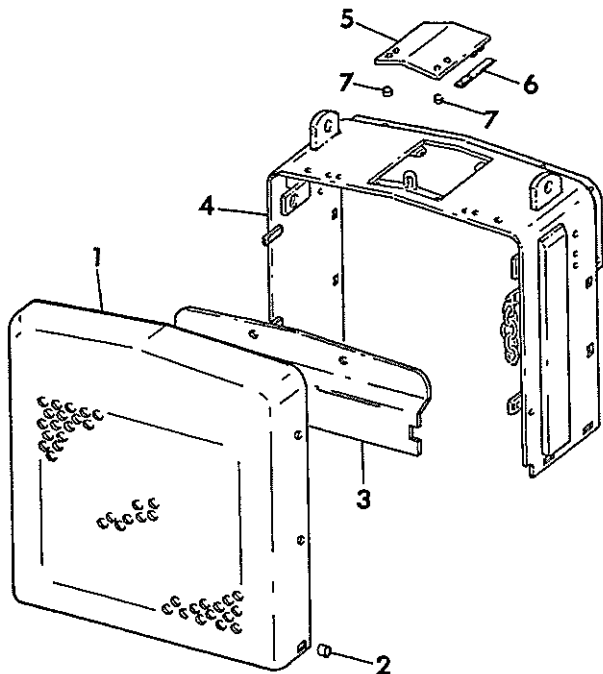
REVERSER OIL COOLER -CONTINUED
FOR REVERSER W/O TORQUE CONVERTER



12		675 567 R1	MANIFOLD, PUMP OUTLET REFER TO - REVERSER TRANSMISSION HYDRAULIC SYSTEM - SECTION 10
13		676 060 R1	VALVE, COOLER RELIEF
14		677 167 R1	SPRING, COOLER RELIEF VALVE
15		676 058 R1	PLUG, VALVE
16		379 181 R1	O RING
17		614 452 R1	WASHER, .406 X 1.250 X .105 FLAT COOLER RELIEF RETAINER

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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GRILLE, SUPPORTS AND SCREENS

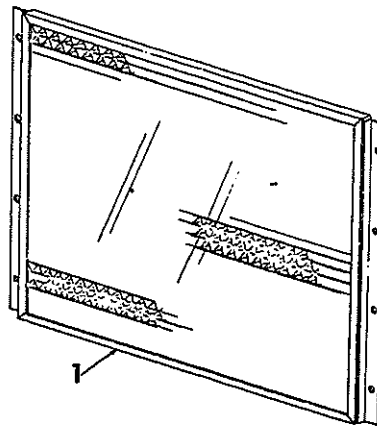


HE-1895

1	852 115 C1	GRILLE ASSY, RADIATOR FOR TRACTORS W/TORQUE CONVERTER
1	852 136 C1	GRILLE ASSY, RADIATOR FOR TRACTORS W/O TORQUE CONVERTER
	473 443 R1	COTTER, Q.A.
	180 171	BOLT, 1/2-13 X 3/4 HEX-HD -4-
2	611 723 R1	SPACER, GRILLE PIVOT -2-
	271 547	BOLT, 5/8-11 X 1-1/2 HEX-HD -2-
	124 589	NUT, 5/8-11 HEX -2-
	69 278 H	WASHER, .656 X 1.500 X .156 PLN FLAT -2-
3	852 078 C1	BAFFLE, RADIATOR UPPER
	180 118	BOLT, 3/8-16 X 5/8 HEX-HD -2-
	120 382	WASHER, 3/8 LOCK -2-
4	852 068 C1	HOUSING ASSY, RADIATOR FOR 75 LOADER TRACTORS
4	852 069 C1	HOUSING ASSY, RADIATOR FOR BASIC & 510,511 GRADER TRACTOR
4	852 121 C1	HOUSING ASSY, RADIATOR FOR 512 GRADER TRACTORS
	271 547	BOLT, 5/8-11 X 1-1/2 HEX-HD -4-
	124 589	NUT, 5/8-11 HEX -4-
	69 278 H	WASHER, .656 X 1.500 X .156 PLN FLAT -4-
5	852 124 C1	COVER ASSY, RADIATOR ACCESS
6	676 938 R1	SPRING, COVER -2-
	104 066	RIVET, 3/16 X 3/8 B-HD SMALL SOLID -4-
7	852 094 C1	BUMPER, COVER -2-

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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RADIATOR SAND SCREEN
FOR USE WITH BLOWER FAN



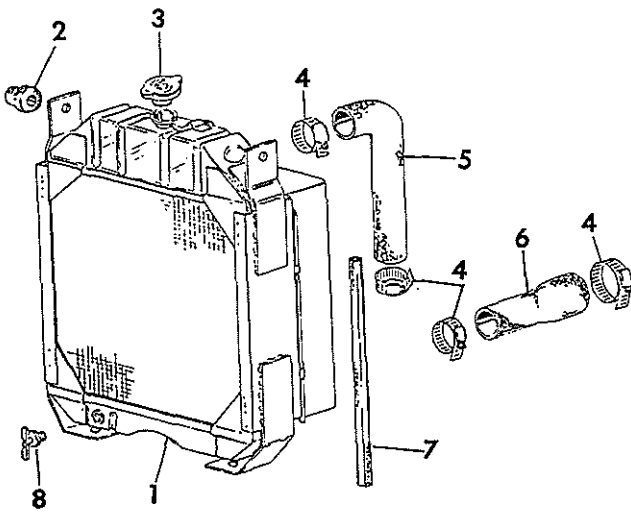
HE-769

1	677 786 R1	SCREEN ASSY, RADIATOR SAND
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REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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RADIATOR & CONNECTIONS



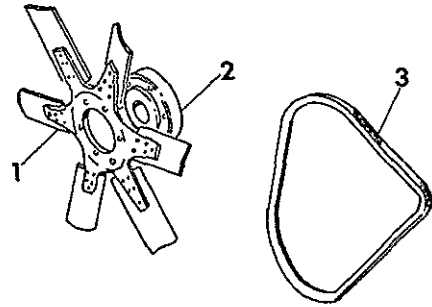
HE-683A

1	850 328 C91	RADIATOR ASSY, LESS CAP
	180 173	BOLT, 1/2-13 X 1 HEX-HD -2-
	20 601 R1	WASHER, .531 X 1.250 X .105 FLAT -2-
2	271 928 R1	INSULATOR, RADIATOR SIDE MTG -2-
	180 153	BOLT, 7/16-14 X 2 HEX-HD -2-
	271 501	NUT, 7/16-14 HEX -2-
	120 383	WASHER, 7/16 LOCK -2-
	188 755 R1	WASHER, .469 X 1.500 X .105 FLAT -2-
3	80 889 R91	CAP, RADIATOR OPT W/ 118029 R91 OR 73047 R91
3	118 029 R91	CAP, RADIATOR OPT W/ 80889 R91 OR 73047 R91
3	73 047 R91	CAP, RADIATOR OPT W/ 80889 R91 OR 118 029 R91
4	995 222 R1	CLAMP, HOSE -4-
5	676 842 R1	HOSE, RADIATOR INLET
6	676 843 R2	HOSE, RADIATOR OUTLET
7	676 859 R1	SEAL, RADIATOR SIDE -2-
8	103 647	COCK, 1/4 DRAIN



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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FAN AND DRIVE BELT



HE-1896

1	597 818 R1	FAN ASSY, SUCTION
1	677 777 R91	FAN ASSY, BLOWER
2	850 436 C1	RETAINER, FAN
	180 083	BOLT, 5/16-18 X 1-1/2 HEX-HD -6-
	120 214	WASHER, 5/16 LOCK -6-
3	676 835 R1	BELT, FAN/ALTERNATOR DRIVE

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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REF. NO.	PART NUMBER	DESCRIPTION
		TC-210

FOR INDEX TO UNITS REFER TO INTRODUCTION PAGE III



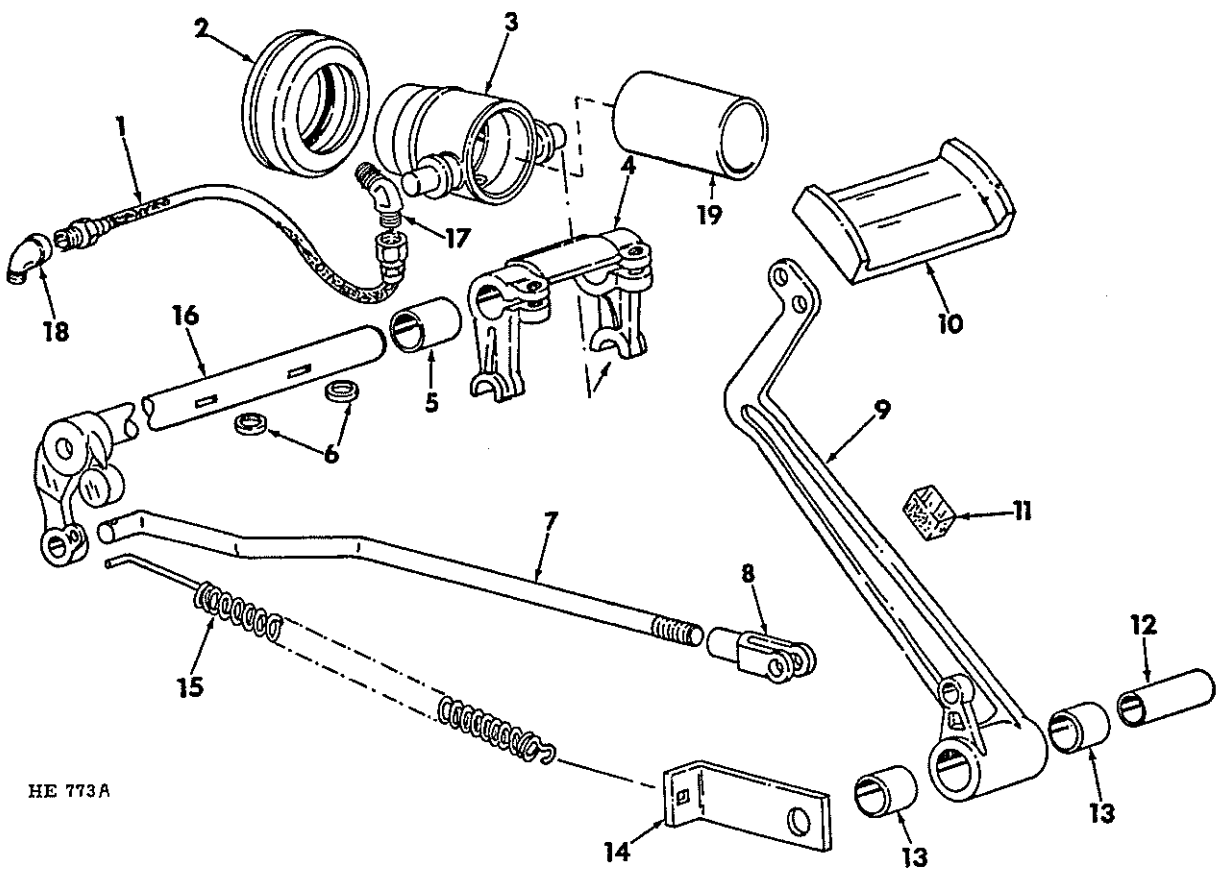
REF. NO.	PART NUMBER	DESCRIPTION
		TC-210

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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CLUTCH AND CONTROL
-FOR GEAR DRIVE TRANSMISSION-

CLUTCH AND CONTROL -CONTINUED
-FOR GEAR DRIVE TRANSMISSION-



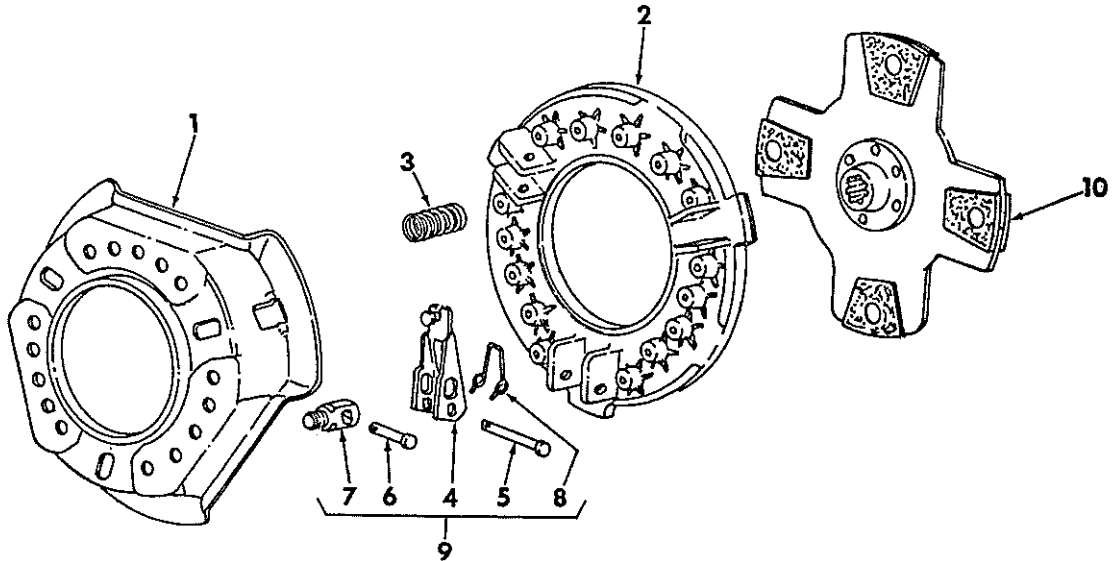
HE 773A

1	635 698 R91	HOSE ASSY, RELEASE SLEEVE LUB
2	365 865 R91	BEARING, CLUTCH THROW-OUT
3	360 501 R2	SLEEVE, CLUTCH RELEASE
4	360 503 R1	FORK, CLUTCH RELEASE
	180 126	BOLT, 3/8-16 X 1-1/2 HEX-HD -2-
5	635 091 R1	BUSHING, CLUTCH RELEASE SHAFT -2-
6	635 098 R1	KEY, CLUTCH RELEASE FORK -2-
7	676 990 R1	ROD, CLUTCH RELEASE SHAFT
	103 407	PIN, 3/16 X 1 COTTER
	11 002 VA	WASHER, .531 X .875 X .054 PLN
8	116 538	CLEVIS, 1/2-20 SHORT ADJ ROD END
	114 787	PIN, 1/2 X 1.359 CLEVIS
	103 384	PIN, 1/8 X 3/4 COTTER
9	676 991 R11	PEDAL ASSY, CLUTCH
		-INCLUDES 2- 635 061 R1 BUSHING
	271 729	BOLT, 5/8-11 X 3-1/2 HEX-HD
	21 782 R1	WASHER, .656 X 1.500 X .054 FLAT
10	676 895 R1	PAD, PEDAL FOOT
	180 128	BOLT, 3/8-16 X 1-3/4 HEX-HD -2-
	120 377	NUT, 3/8-16 HEX -2-
	120 382	WASHER, 3/8 LOCK -2-
11	676 992 R1	STRIP, CLUTCH PEDAL STOP

12	635 109 R2	SPACER, CLUTCH PEDAL PIVOT
13	635 061 R1	BUSHING, CLUTCH PEDAL PIVOT -2-
14	636 592 R1	ANGLE, SPRING ANCHOR
15	365 963 R1	SPRING, CLUTCH PEDAL RETURN
17	9 402 823	ELBOW, 1/8-27 TO 7/16-20 HYD 37 DEG FLARED TUBE 45 DEG C-2
18	106 649	ELBOW, 1/8-27 45 DEG STREET
	109 461	FITTING, 1/8-27 NPTF STR LUB
19	676 987 R1	BUSHING, CLUTCH THROW-OUT SUPPORT
		ALSO REFER TO-TRANSMISSION DRIVE- THIS SECTION
		CLUTCH ASSY, 11 INCH ENGINE AND DRIVEN MEMBER FOR COMPONENTS SEE LISTING -ENGINE CLUTCH- THIS SECTION

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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11 INCH ENGINE CLUTCH



HE 804

	223 445 R91	CLUTCH ASSY, 11 INCH ENGINE -INCLUDES ALL PARTS LISTED EXCEPT AS NOTED
	180 121	BOLT, 3/8-16 X 7/8 HEX-HD -6-
	120 382	WASHER, 3/8 LOCK -6-
1	143 224 R1	PLATE, BACK
2	199 816 R1	PLATE, PRESSURE
3	68 740 H	SPRING, PRESSURE -9-
4	223 446 R11	LEVER ASSY, RELEASE -3- INCLUDES 146 806 R1 SCREW SCREW, RELEASE LEVER ADJ -3- 138 498 WASHER, 9/16 EXT TOOTH -3- 124 939 NUT, 9/16-18 HEX JAN -3- 107 762 PIN, 3/32 X 5/8 COT. -3- 103 340 WASHER, 11/32 X 11/16 X .065 -3-
5	143 264 R1	PIN, LEVER PIVOT -3-
6	143 265 R1	PIN, LEVER -3-
7	189 727 R1	BLOCK, LEVER PIVOT -3-
8	189 726 R1	SPRING, ANTI-RATTLE -3-

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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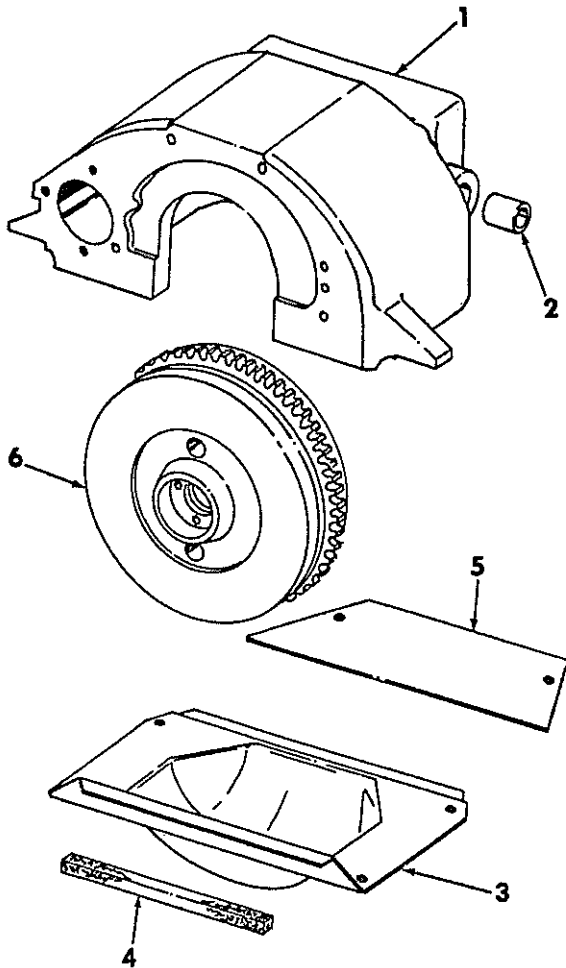
11 INCH ENGINE CLUTCH -CONTINUED

9	236 062 R91	LEVER SET, CLUTCH RELEASE -CONSISTS OF 3 KITS 223 447 R91
9	223 447 R91	LEVER KIT, CLUTCH RELEASE -3- -CONSISTS OF 1 LEVER ASSY 223 446 R91 1 PIN 143 264 R1 1 PIN 143 265 R1 1 BLOCK 189 727 R1 1 SPRING 189 726 R1 1 WASHER 103 340
10	676 985 R91	MEMBER ASSY, ENGINE CLUTCH DRIVEN NOT PART OF CLUTCH ASSY



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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FLYWHEEL HOUSING AND COVER

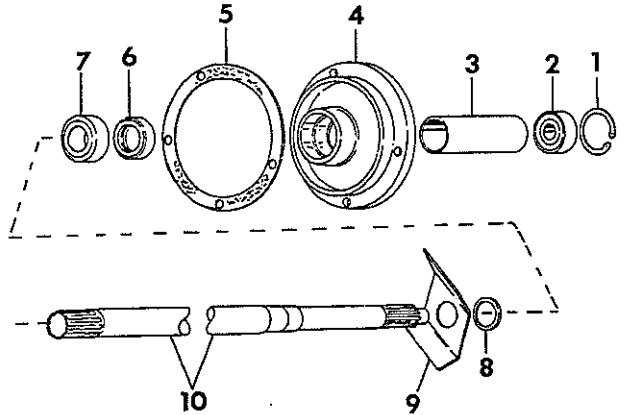


HE 802

1	852 749 C1	HOUSING ASSY, FLYWHEEL -INCLUDES 2- 635 091 R1 BUSHINGS WASHER, 1/2 LOCK -6- BOLT, 1/2-13 X 1-1/2 HEX-HD -6-
2	635 091 R1	BUSHING, CLUTCH RELEASE SHAFT -2- FOR USE W/GEAR DRIVE TRANSMISSION
3	676 982 R1 180 077 120 214	COVER, FLYWHEEL HOUSING BOLT, 5/16-18 X 3/4 HEX-HD -6- WASHER, 5/16 LOCK -6-
4	850 243 C1	SEAL, FLYWHEEL HOUSING COVER
5	676 983 R1	BAR, FLYWHEEL HOUSING COVER
6		FLYWHEEL, ENGINE REFER TO -ENGINE FLYWHEEL- SECTION 12



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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TRANSMISSION DRIVE
FOR GEAR DRIVE TRANSMISSION

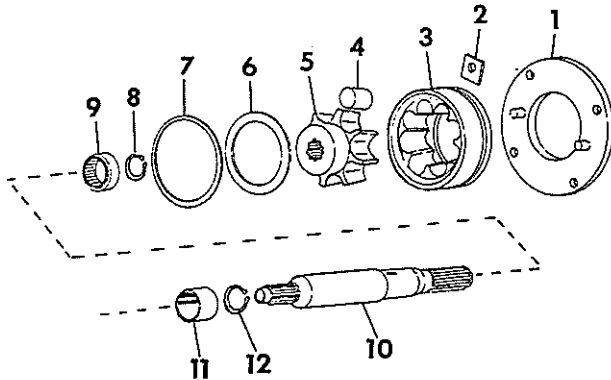
HB-1933

1	456 736 R1	RING, PILOT BEARING RET
2	524 598 R91	BEARING, DRIVE SHAFT PILOT
3	676 987 R1	BUSHING, CLUTCH THROW-OUT SUPPORT
4	676 986 R11	SUPPORT ASSY, DRIVE SHAFT INCLUDES CLUTCH THROW-OUT SUPPORT BUSHING - 676 987 R1
	180 122	BOLT, 3/8-16 X 1 HEX-HD -4-
	120 382	WASHER, 3/8 LOCK -4-
5	850 285 C1	GASKET, SUPPORT
6	629 355 R91	SEAL, DRIVE SHAFT OIL
7	ST 568	BEARING, DRIVE SHAFT CENTRE SUPPORT
8	615 544 C1	WASHER, FLINGER BAR SPACER
9	677 001 R1	BAR, CENTRE BRG OIL FLINGER
10	677 003 R1	SHAFT, TRANSMISSION DRIVE



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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TRANSMISSION DRIVE
FOR HYDRAULIC REVERSER
-WITHOUT TORQUE CONVERTER-



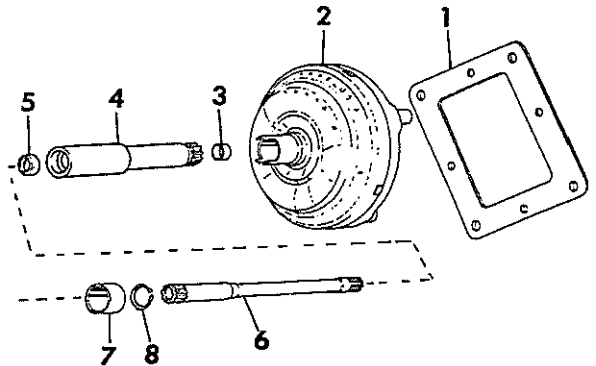
HB-1934

1	677 007 R11	ADAPTOR ASSY, DRIVE SHAFT COUPLER INCLUDES 2- 19996 R1 - PINS 19 996 R1 PIN, 3/8 X 7/8 DOWEL -2-
2	677 008 R1	BAR, DRIVE SHAFT COUPLER RETAINING -4-
	180 125	BOLT, 3/8-16 X 1-3/8 HEX-HD -4-
	120 382	WASHER, 3/8 LOCK -4-
	557 950 R1	WASHER, .406 X 1.000 X .164 -4-
3	677 009 R1	COUPLING, DRIVE SHAFT OUTER
4	677 010 R2	ROLLER, DRIVE SHAFT COUPLING -8-
5	677 013 R1	COUPLING, DRIVE SHAFT INNER
	102 592	SCREW, 3/8-16 X 3/8 HEX-SKT SET -2-
6	677 011 R1	WASHER, ROLLER RETAINING
7	23 157 R1	RING, ROLLER RETAINING
8	152 450 R1	RING, INNER COUPLING RETAINING
9	677 035 R91	BEARING, DRIVE SHAFT NEEDLE
10	850 795 C1	SHAFT, REVERSER DRIVE
	19 877 R1	PIN, 3/16 X 1/2 HD DOWEL
11	677 006 R1	SPACER, DOWEL PIN RETAINER
12	69 339 R1	RING, RETAINING



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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TRANSMISSION DRIVE
FOR HYDRAULIC REVERSER
-WITH TORQUE CONVERTER-



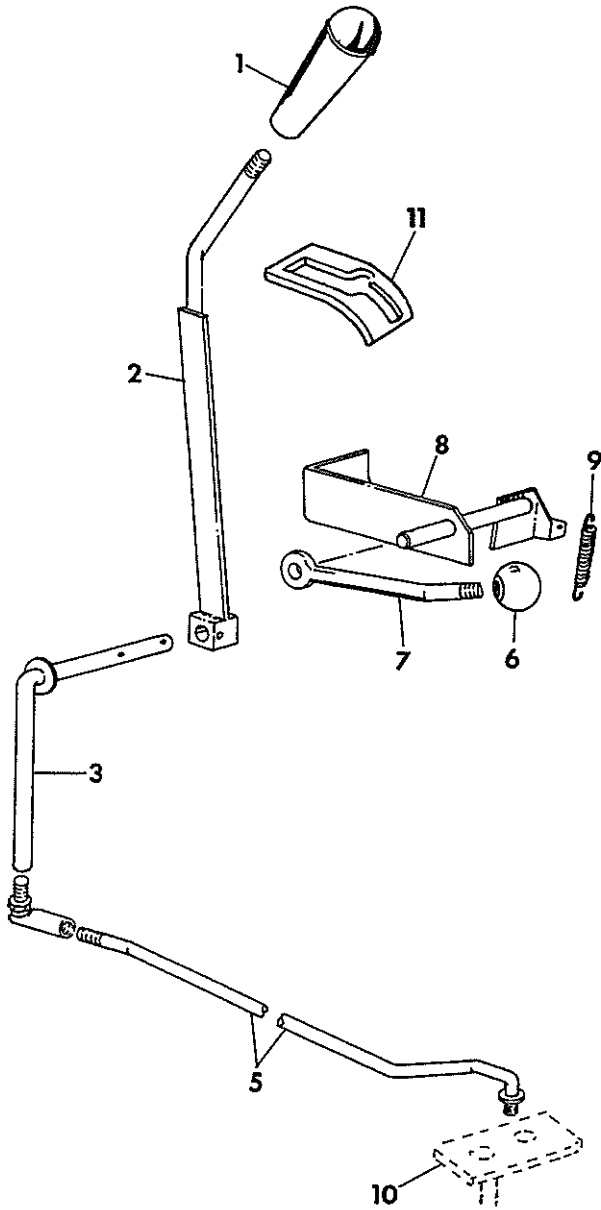
HB-1935

1	676 999 R2	PLATE, CONVERTER DRIVE
	180 173	BOLT, 1/2-13 X 1 HEX-HD -4-
	11 002 VA	WASHER, .531 X .875 X .054 PLAIN -8-
	874 889 R1	BOLT, 3/8-24 X 3/4 HEX-HD TYPE 8 -4-
	611 346 R1	WASHER, .406 X .875 X .054 FLAT -4-
2	677 000 R91	CONVERTER ASSY, TORQUE
3	677 024 R1	BUSHING, DRIVE SHAFT
4		TUBE, CONVERTER STATOR SUPPORT NOT SERVICED SEPARATELY REFER TO -REVERSER PUMP-SECTION 10
5	850 242 C91	SEAL, DRIVE SHAFT OIL
6	850 803 C1	SHAFT, REVERSER DRIVE
	19 877 R1	PIN, 3/16 X 1/2 HD DOWEL
7	677 006 R1	SPACER, DOWEL PIN RETAINER
8	69 339 R1	RING, RETAINING

DRIVE TRAIN

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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DIRECTION CONTROL
-WITH LOCK LEVER-
FOR HYDRAULIC REVERSER



HE-798A

DRIVE TRAIN

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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DIRECTION CONTROL -CONTINUED
-WITH LOCK LEVER-
FOR HYDRAULIC REVERSER

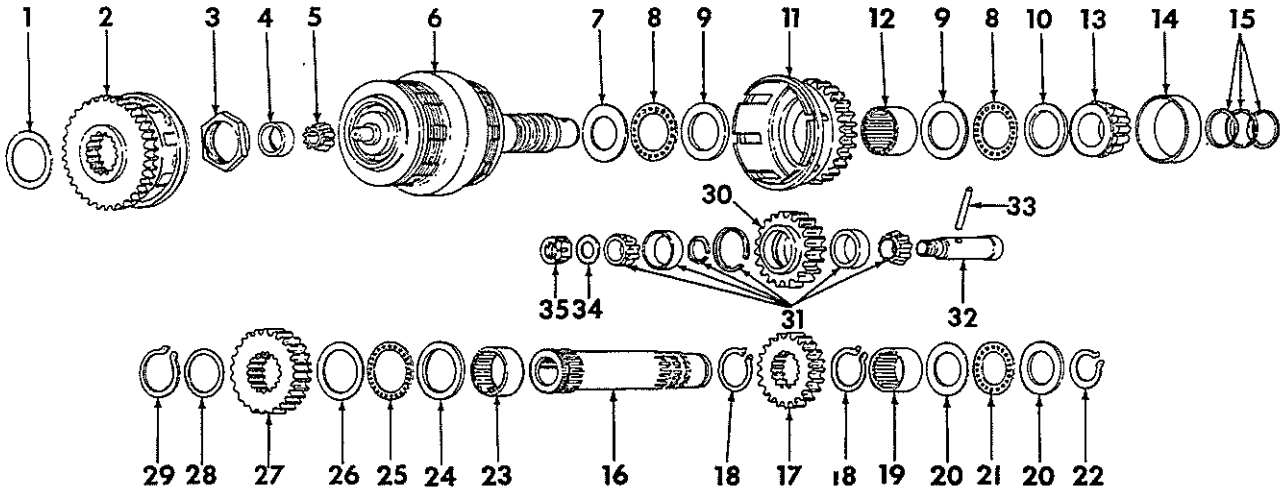
- 1 677 049 R1 KNOB, HANDLE
- 2 677 045 R1 HANDLE ASSY, POWER SHIFT CONTROL
364 436 R1 PIN, 3/16 X 1 COILED SPRING
- 3 677 050 R1 ARM ASSY, CONTROL HANDLE
21 796 R1 WASHER, .656 X 1.000 X .054 FLAT
364 436 R1 PIN, 3/16 X 1 COILED SPRING
- 4 158 397 H1 JOINT, 3/8-24 BALL C-Z
120 369 NUT, 3/8-24 HEX
- 5 677 059 R1 ROD ASSY, CONTROL
619 856 R1 WASHER, .406 X 1.000 X .054 FLAT
103 384 PIN, 1/8 X 3/4 COTTER
- 6 677 053 R1 KNOB, HANDLE
- 7 677 052 R1 HANDLE, CONTROL LOCK
591 225 R1 PIN, 5/32 X 1-1/4 COILED SPRING
- 8 677 054 R1 LOCK ASSY, POWER SHIFT CONTROL
- 9 677 058 R1 SPRING, LOCK
- 10 677 194 R1 ARM, VALVE RELAY
REFER TO -REVERSER CONTROL VALVE-
SECTION 10
- 11 677 137 R1 SECTOR, HYD REVERSER DIRECTION CONTROL
102 676 RIVET, 3/16 X 9/16 BUTTON-HD-2-

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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HYDRAULIC REVERSER

HYDRAULIC REVERSER -CONTINUED



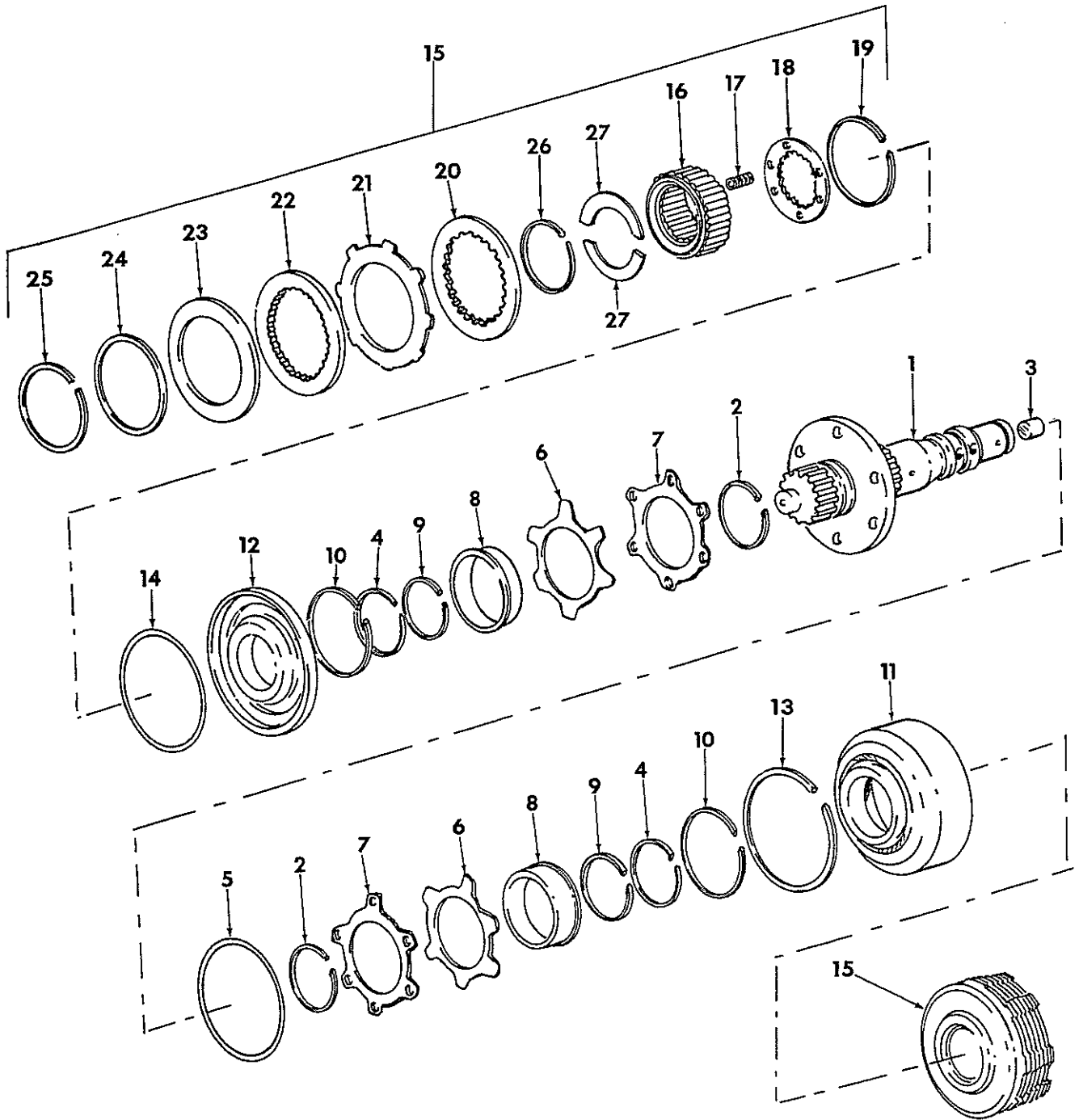
HB-1936

1	675 763 R1	SHIM, REAR GEAR -.002-
1	675 764 R1	SHIM, REAR GEAR -.015- USE AS REQD
2	676 578 R91	GEAR ASSY, CLUTCH REAR
3	675 610 R1	NUT, REAR GEAR RETAINING
4	675 729 R1	CUP, CLUTCH SHAFT PILOT BEARING
5	675 728 R91	CONE, CLUTCH SHAFT PILOT BEARING
6	850 790 C91	CLUTCH ASSY, REVERSER FOR COMPONENTS SEE LISTING -REVERSER CLUTCH- THIS SECTION
7	197 229 H1	RACE, REVERSE GEAR THRUST BRG
8	197 228 H1	BEARING, REVERSE GEAR THRUST BRG -2-
9	675 705 R1	RACE, REVERSE GEAR THRUST BRG-2-
10	613 179 R1	RACE, REVERSE GEAR THRUST BRG
11	675 672 R91	GEAR ASSY, CLUTCH REVERSE
12	675 708 R91	BEARING, REVERSE GEAR NEEDLE
13	567 846 R91	CONE, CLUTCH SHAFT BEARING
14	567 845 R1	CUP, CLUTCH SHAFT BEARING
15	327 090 R1	RING, SEALING -3-
16	677 066 R1	COUNTERSHAFT, REVERSER
17	675 617 R1	GEAR, COUNTERSHAFT REVERSE-28T
18	665 071 R1	RING, RETAINING -2-
19	359 950 R91	BEARING, FRONT COUNTERSHAFT NEEDLE
20	675 702 R1	RACE, FRONT COUNTERSHAFT THRUST -2-
21	232 001 R91	BEARING, FRONT COUNTERSHAFT THRUST
22	698 553 R1	RING, FRONT COUNTERSHAFT RET

23	112 822 R91	BEARING, REAR COUNTERSHAFT NEEDLE
24	675 704 R1	RACE, REAR COUNTERSHAFT THRUST BRG
25	584 268 R91	BEARING, REAR COUNTERSHAFT THRUST
26	584 269 R1	RACE, REAR COUNTERSHAFT THRUST BRG
27	676 580 R1	GEAR, REAR COUNTERSHAFT - 30T
28	850 298 C1	SHIM, GEAR
29	644 771 R1	RING, RETAINING
30	675 620 R1	GEAR, REVERSER IDLER
31	675 710 R91	BEARING ASSY, IDLER GEAR DUAL CONSISTS OF- \$2-BEARING CONES \$2-BEARING CUPS \$2-RINGS
32	675 621 R1	SHAFT, REVERSER IDLER
33	19 712 R1 222 507	PIN, 3/16 X 2-1/4 COILED SPRING SCREW, 3/8-16 X 3/4 HEX SKT SET
34	21 868 V	WASHER, .906 X 1.500 X .054 FLAT
35	272 336 103 399	NUT, 7/8-14 THICK SLTD HEX PIN, 5/32 X 1-3/4 COTTER
	850 031 C91	PACKAGE, HYDRAULIC REVERSER GASKET AND SEAL SERVICE CONSISTS OF- 1-GASKET 675 550 R1 1-GASKET 850 285 C1 1-GASKET 677 017 R1 3-SEAL 327 090 R1 2-SEAL 324 408 R1 1-O RING 324 227 R1 2-SEAL 675 659 R1 1-O RING 364 306 R1

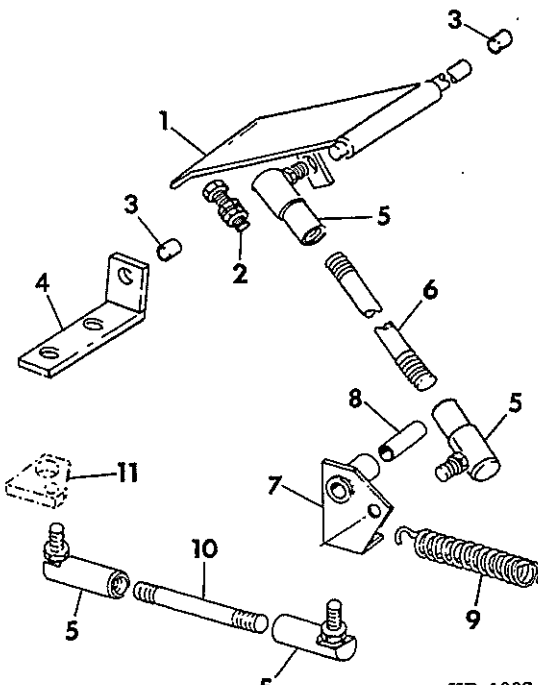
REF. NO.	PART NUMBER	DESCRIPTION	TC-210
	HYDRAULIC REVERSER CLUTCH		

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
	HYDRAULIC REVERSER CLUTCH -CONTINUED		



HB-1949

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
		HYDRAULIC REVERSER CLUTCH -CONTINUED	
	850 790 C91	CLUTCH ASSY, REVERSER -CONSISTS OF ALL PARTS LISTED	
1	850 791 C91	SHAFT ASSY, CLUTCH CONSISTS OF \$ 1 SHAFT 2 RING 675 655 R1 2 PIN 17 164 R1 1 PIN 850 794 C1	
2	675 655 R1	RING, PLATE RETAINING -2-	
3	850 794 C1	PIN, TUBE PLUG	
4	324 408 R1	RING, SHAFT SEAL -2-	
5	324 227 R1	O-RING, SEPARATOR PLATE	
6	610 751 C1	VALVE, DISC -2-	
	610 755 C1	PIN, DOWEL -3-	
7	610 760 C1	DISC, REINFORCING -2-	
8	675 658 R1	PISTON, ACCELERATING -2-	
9	675 655 R1	RING, PISTON RETAINING -2-	
10	675 659 R1	RING, PISTON SEAL -2-	
11	675 661 R1	PISTON, CLUTCH RR	
12	675 660 R1	CLUTCH, FRONT	
13	347 297 R1	RING, CLUTCH PISTON	
14	324 226 R1	WASHER, CLUTCH PISTON SEAL	
15	850 801 C91	SET, CLUTCH DISC & PLATE -2- -CONSISTS OF 1 HUB 675 663 R11 7 PLATE 850 802 C1 6 DISC 324 241 R1 1 PLATE 675 668 R2 1 WASHER 675 669 R1 1 RETAINER 675 670 R2 1 RING 675 658 R1	
16	675 663 R11	HUB ASSY, CLUTCH -2- -CONSISTS OF \$ 1 HUB 1 RETAINER 675 665 R1 1 RETAINER 675 666 R1 6 SPRING 675 664 R1	
17	675 664 R1	SPRING, PISTON RETURN -12-	
18	675 665 R1	RETAINER, SPRING INNER -2-	
19	675 666 R1	RETAINER, SPRING OUTER -2-	
20	850 802 C1	PLATE, CLUTCH DRIVE -14-	
21	324 241 R1	DISC, CLUTCH DRIVEN -12-	
22	675 668 R2	PLATE, CLUTCH BACKING -2-	
23	675 669 R1	WASHER, CLUTCH SPRING -2-	
24	675 670 R2	WASHER, CLUTCH RETAINING -2-	
25	676 658 R1	RING, CLUTCH RETAINING -2-	
26	324 232 R1	RING, CLUTCH HUB -2-	
27	675 671 R1	WASHER, CLUTCH HUB -4-	

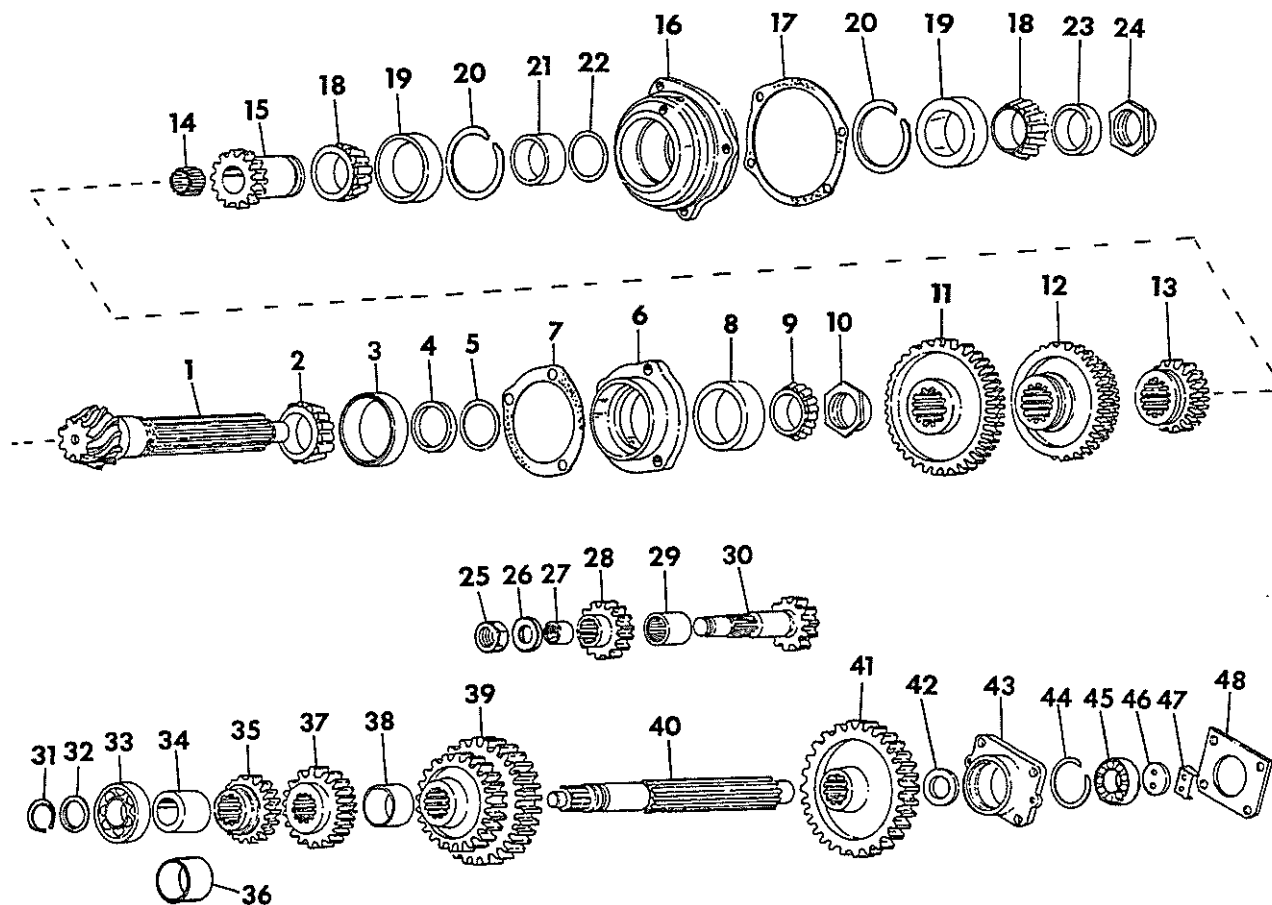
REF. NO.	PART NUMBER	DESCRIPTION	TC-210
		POWER CONTROL PEDAL FOR HYDRAULIC REVERSER WITHOUT TORQUE CONVERTER	
			
		HB-1932	
1	852 245 C1	PEDAL ASSY, POWER CONTROL	
2	180 083	BOLT, 5/16-18 X 1-1/2 HEX-HD	
	124 824	PEDAL STOP BOLT NUT, 5/16-18 HEX-JAM -2-	
3	805 941 C1	BUSHING, PECAL PIVOT -2-	
4	852 249 C1	SUPPORT ASSY, PEDAL PIVOT	
	180 081	BOLT, 5/16-18 X 1-1/4 HEX-HD -2-	
	120 376	NUT, 5/16-18 HEX -2-	
	120 214	WASHER, 5/16 LOCK -2-	
5	281 824 C92	JOINT, 5/16-24 C-7 BALL -4-	
	120 368	NUT, 5/16-24 HEX -4-	
6	852 248 C1	STUD, POWER CONTROL PEDAL	
7	677 533 R1	LEVER ASSY, POWER CONTROL STUD	
	180 130	BOLT, 3/8-16 X 2 HEX-HD	
	120 377	NUT, 3/8-16 HEX	
8	677 815 R1	SPACING, LEVER PIVOT BOLT	
9	677 536 R1	SPRING, LEVER RETURN	
	180 124	BOLT, 3/8-16 X 1-1/4 HEX-HD	
	120 377	NUT, 3/8-16 HEX -2-	
10	677 537 R1	STUD, POWER CONTROL VALVE	
	120 368	NUT, 5/16-24 HEX -2-	
11	677 199 R1	ARM, INCHING CONTROL REFER TO -REVERSER CONTROL VALVE- SECTION 10	

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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MAIN TRANSMISSION

MAIN TRANSMISSION -CONTINUED



HC-1937

1		SHAFT, TRANSMISSION SPLINE NOT SERVICED SEPARATELY ORDER 1-676 844 R1 SET
2	258 453 C91	CONE, SPLINE SHAFT REAR BEARING
3	610 513 C1	CUP, SPLINE SHAFT REAR BEARING
4	677 012 R1	SPACER, BEARING
5		SHIM, BEARING SPACER -.002- SHIM, BEARING SPACER -.015- NOT SERVICED SEPARATELY ORDER 1-850 217 C91 SHIM SET
6	677 081 R1 180 177	RETAINER, BEARING BOLT, 1/2-13 X 1-1/2 HEX-HD -3-
7		SHIM, BEARING RETAINER .002- SHIM, BEARING RETAINER -.005- SHIM, BEARING RETAINER -.010- NOT SERVICED SEPARATELY ORDER 1-850 217 C91 SHIM SET
8	105 496 H	CUP, SPLINE SHAFT FRONT BEARING
9	105 503 H	CONE, SPLINE SHAFT FRONT BEARING
10	675 610 R1	NUT, BEARING LOCK

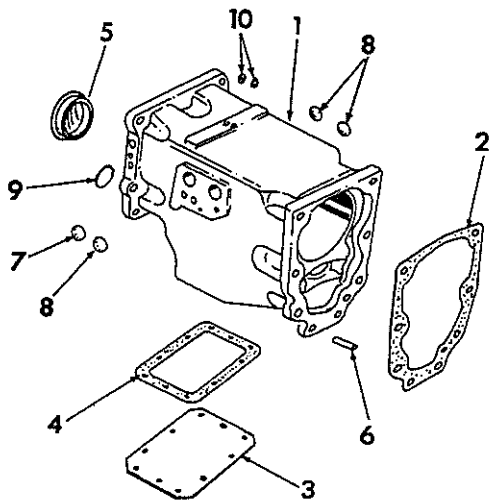
11	677 087 R1	GEAR, SLIDING - 41T FIRST AND REVERSE SPEED FOR GEAR DRIVE TRANSMISSION AND FOR HYDRAULIC REVERSER W/O TORQUE CONVERTER BUT WITH WINCH
11	677 087 R1	GEAR, SLIDING - 41T FIRST SPEED FOR HYDRAULIC REVERSER W/O TORQUE CONVERTER AND W/O WINCH
11	677 087 R1	GEAR, SLIDING - 41T REVERSE SPEED FOR HYDRAULIC REVERSER W/ TORQUE CONVERTER AND WITH WINCH
12	677 086 R1	GEAR, SLIDING - 29T & 37T SECOND & THIRD SPEED FOR TRACTORS W/O TORQUE CONVERTER
12	677 086 R1	GEAR, SLIDING - 29T & 37T FIRST & SECOND SPEED FOR TRACTORS W/ TORQUE CONVERTER
13	677 085 R1	GEAR, SLIDING -21T FOURTH SPEED FOR TRACTORS W/O TORQUE CONVERTER
13	677 085 R1	GEAR, SLIDING -21T THIRD SPEED FOR TRACTORS W/ TORQUE CONVERTER
14	676 984 R91	BEARING, SPLINE SHAFT PILOT

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
MAIN TRANSMISSION -CONTINUED			
15	677 071 R1	SHAFT & GEAR, TRANSMISSION INPUT FOR GEAR DRIVE TRANSMISSION	
15	677 072 R1	SHAFT & GEAR, TRANSMISSION INPUT FOR HYDRAULIC REVERSER	
16	675 623 R1	HOUSING, INPUT SHAFT BEARING	
	180 123	BOLT, 3/8-16 X 1-1/8 HEX-HD -4-	
	120 382	WASHER, 3/8 LOCK -4-	
17		SHIM, BEARING HOUSING -.002-	
17		SHIM, BEARING HOUSING -.020-	
17		SHIM, BEARING HOUSING -.075- NOT SERVICED SEPARATELY ORDER 1-850 216 C91 SHIM SET	
18	659 458 R91	CONE, INPUT SHAFT BEARING -2-	
19	105 497 H	CUP, INPUT SHAFT BEARING -2-	
20	675 684 R1	RING, RETAINING -2-	
21	675 627 R1	SPACER, BEARING	
22		SHIM, BEARING SPACER -.002-	
22		SHIM, BEARING SPACER -.015- NOT SERVICED SEPARATELY ORDER 1-850 216 C91 SHIM SET	
23	677 073 R1	SPACER, RETAINING NUT FOR GEAR DRIVE TRANSMISSION	
24	675 610 R1	NUT, RETAINING FOR GEAR DRIVE TRANSMISSION	
25	9 413 960	NUT, 5/8-11 PREVAILING TORQUE TYPE STEEL HEX LOCK - PHC	
26	850 825 C1	WASHER, SHAFT RETAINING	
27	550 850 R91	BEARING, SHAFT REAR	
28	677 078 R1	GEAR, REVERSE IDLER 16T	
29	577 978 R91	BEARING, SHAFT FRONT	
30	850 824 C1	SHAFT & GEAR, REVERSE IDLER 16T	
31	233 041 R1	RING, RETAINING	
32	676 749 R1	WASHER, RETAINING RING BACK-UP	
33	ST 215	BEARING, COUNTERSHAFT REAR	
34	676 748 R1	SPACER, REAR GEAR	
35	677 076 R1	GEAR, DRIVING - 19T FIRST SPEED FOR TRACTORS W/O TORQUE CONVERTER	
36	635 172 R1	SPACER, DRIVING GEAR FOR TRACTORS W/ TORQUE CONVERTER	
37	677 077 R1	GEAR, DRIVING - 23T SECOND SPEED FOR TRACTORS W/O TORQUE CONVERTER	
37	677 077 R1	GEAR, DRIVING - 23T FIRST SPEED FOR TRACTORS W/ TORQUE CONVERTER	
38	635 172 R1	SPACER, FRONT GEAR	
39	677 075 R1	GEAR, DRIVING - 31T & 39T THIRD AND FOURTH SPEED FOR TRACTORS W/O TORQUE CONVERTER	
39	677 075 R1	GEAR, DRIVING - 31T & 39T SECOND AND THIRD SPEED FOR TRACTORS W/ TORQUE CONVERTER	
40	635 137 R1	COUNTERSHAFT, TRANSMISSION	
41	677 074 R1	GEAR, CONSTANT MESH -43T	

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
MAIN TRANSMISSION -CONTINUED			
42	635 199 R1	SPACER, FRONT BEARING	
43	635 129 R1	CAGE, FRONT BEARING	
44	641 207 R1	RING, RETAINING	
45	ST 213	BEARING, COUNTERSHAFT FRONT	
46	703 985 R1	WASHER, COUNTERSHAFT RETAINER	
47	703 986 R1	PLATE, COUNTERSHAFT LOCK	
	180 079	BOLT, 5/16-18 X 1 HEX-HD -2-	
48	675 636 R1	BLOCK, CAGE RETAINER	
	180 123	BOLT, 3/8-16 X 1-1/8 HEX-HD -4-	
	120 382	WASHER, 3/8 LOCK -4-	
	676 844 R1	SET, TRANSMISSION SPLINE SHAFT AND DRIVE BEVEL GEAR MATCHED CONSISTS OF- \$1-TRANSMISSION SPLINE SHAFT \$1-DRIVE BEVEL GEAR	
	850 216 C91	SET, INPUT SHAFT BEARING HOUSING SHIM CONSISTS OF- \$9-BEARING SHIM-.002- \$7-BEARING SHIM-.020- \$10-HOUSING SHIM-.002-	
	850 217 C91	SET, SPLINE SHAFT BEARING RETAINER SHIM CONSISTS OF- \$10-BEARING SHIM-.002- \$10-HOUSING SHIM-.002-	
	850 030 C91	PACKAGE, TRANSMISSION GASKET SERVICE CONSISTS OF- 1-GASKET 675 550 R1 2-GASKET 636 629 R1 1-GASKET 636 630 R1 1-GASKET 677 089 R1 1-GASKET 676 945 R1	

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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DRIVE HOUSING

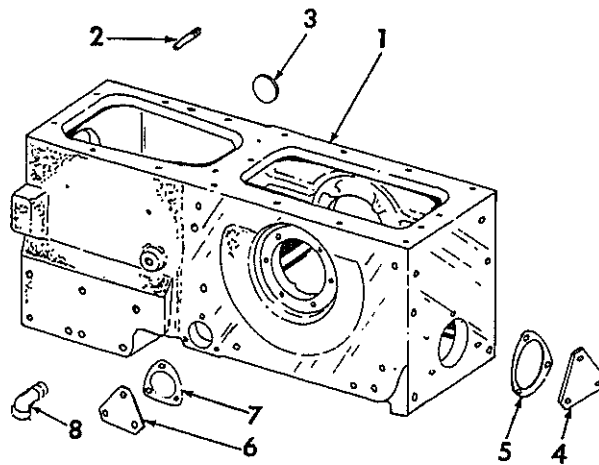


HE-801A

- 1 677 014 R11 HOUSING ASSY, DRIVE FOR GEAR DRIVE TRANSMISSION CONSISTS OF-
 - \$1-HOUSING
 - 1-PIN 141 287
 - 1-PLUG 172 548
 - 3-PLUG 172 570
- 676 108 R1 STUD, HOUSING MOUNTING -15-
- 271 723 BOLT, 5/8-11 X 2 HEX-HD -2-
- 225 861 NUT, 5/8-18 TYPE 8 HEX -15-
- 1 677 015 R11 HOUSING ASSY, DRIVE FOR HYDRAULIC REVERSER CONSISTS OF-
 - \$1-HOUSING
 - 1-PIN 141 287
 - 1-PLUG 172 548
 - 3-PLUG 172 570
 - 1-PLUG 172 580
 - 2-PLUG 444 688
- 676 108 R1 STUD, HOUSING MOUNTING -15-
- 271 723 BOLT, 5/8-11 X 2 HEX-HD -2-
- 225 861 NUT, 5/8-18 TYPE 8 HEX -15-
- 2 675 550 R1 GASKET, HOUSING REAR
- 3 677 016 R1 BAR, HOUSING BOTTOM COVER
 - 180 077 BOLT, 5/16-18 X 3/4 HEX-HD -10-
 - 120 214 WASHER, 5/16 LOCK -10-
- 4 677 017 R1 GASKET, COVER BAR
- 5 594 434 R1 PLUG, COUNTERSHAFT ACCESS HOLE
- 6 141 287 PIN, 1/2 X 1-1/2 DWEL
- 7 172 548 PLUG, 1-1/8 EXPANSION
- 8 172 570 PLUG, 1-3/8 EXPANSION -3-
- 9 172 580 PLUG, 1-7/8 EXPANSION FOR HYDRAULIC REVERSER
- 10 444 688 PLUG, 1/8-27 NPT HEX SKT PIPE C-2 -2- FOR HYDRAULIC REVERSER

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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REAR FRAME



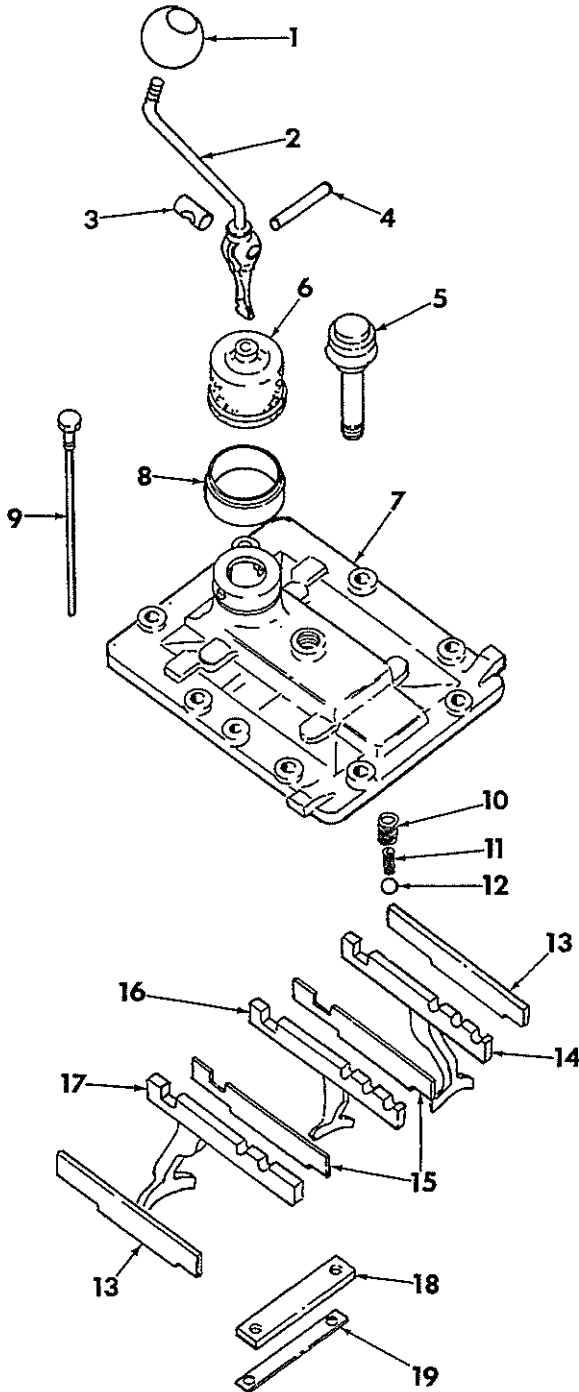
HE-807A

- 1 677 067 R11 FRAME ASSY, REAR FOR GEAR DRIVE TRANSMISSION INCLUDES 1-677 070 R1- PIN
- 1 677 069 R11 FRAME ASSY, REAR FOR HYDRAULIC REVERSER INCLUDES 1-677 070 R1- PIN
- 2 677 070 R1 PIN, BRAKE PEDAL SPRING ANCHOR
- 3 172 580 PLUG, 1-7/8 EXPANSION
- 4 635 452 R1 PLATE, PTO OPENING COVER
 - 180 077 BOLT, 5/16-18 X 3/4 HEX-HD -3-
 - 120 214 WASHER, 5/16 LOCK -3-
- 5 636 629 R1 GASKET, COVER PLATE -2-
- 6 635 453 R1 PLATE, PTO SHIFTER OPENING COVER
 - 180 121 BOLT, 3/8-16 X 7/8 HEX-HD -3-
 - 120 382 WASHER, 3/8 LOCK -3-
- 7 636 630 R1 GASKET, COVER PLATE
- 8 137 894 ELBOW, 1/2 NPT 45 DEG STREET PIPE TRANSMISSION DRAIN
 - 444 704 PLUG, 1/2-14 NPT HEX-SKT PIPE C-2



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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GEAR SHIFT
-FOR GEAR DRIVE TRANSMISSIONS



HC-1946



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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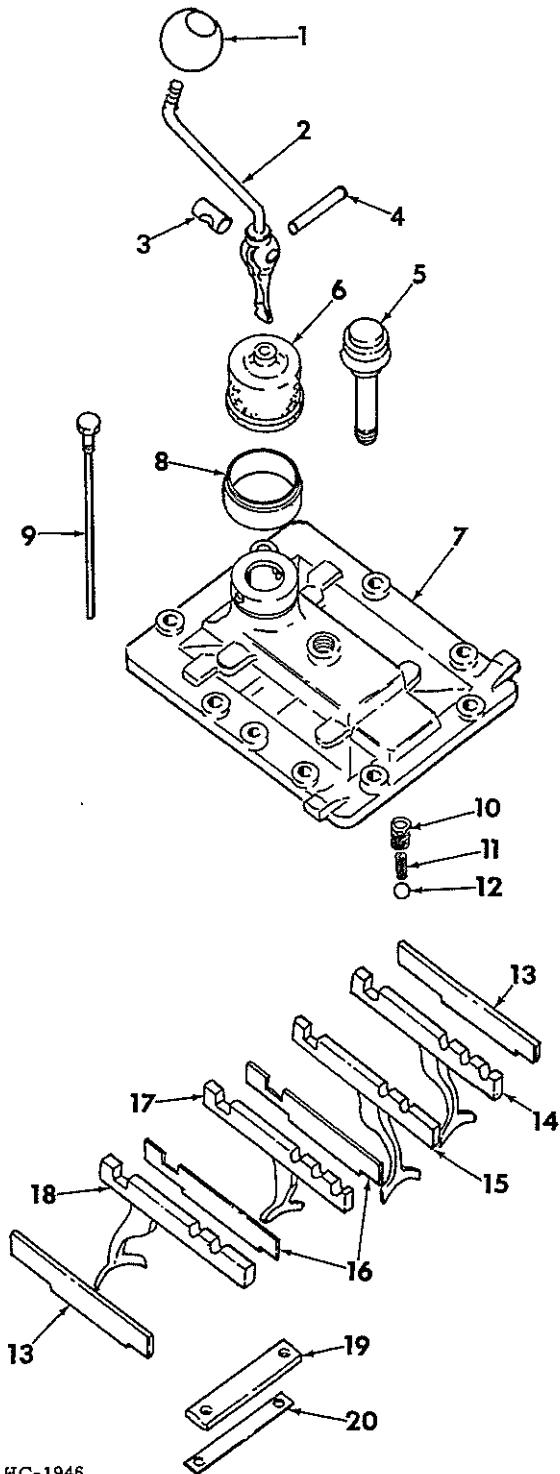
GEAR SHIFT -CONTINUED
-FOR GEAR DRIVE TRANSMISSIONS

1	677 093 R1	KNOB, LEVER	
2	677 090 R1	LEVER ASSY, GEAR SHIFT	
3	705 650 R1	SHAFT, LEVER SWIVEL	
4	677 095 R1	PIN, LEVER SWIVEL	
5	677 813 R91	BREATHER, TRANSMISSION	
6	677 094 R1	BOOT, GEAR SHIFT LEVER	
7	852 333 C1	COVER, GEAR SHIFT	
	180 177	BOLT, 1/2-13 X 1-1/2 HEX-HD -8-	
	120 384	WASHER, 1/2 LOCK -2-	
8	852 335 C1	BUSHING, GEAR SHIFT COVER	
9	677 899 R1	GAUGE ASSY, TRANSMISSION OIL DIPSTICK	
10	711 283 R1	SPRING, GEAR SHIFT POPPET OUTER -3-	
11	850 615 C1	SPRING, GEAR SHIFT POPPET INNER -3-	
12	16 013 R1	BALL, 13/32 STEEL - CHROME -3-	
13	677 109 R1	GUIDE, LEFT & RIGHT OUTER RAIL -2-	
14	677 096 R1	FORK ASSY, FIRST & REV GEAR SHIFTER	
15	677 107 R1	GUIDE, INNER RAIL LH & RH -2-	
16	677 102 R1	FORK ASSY, GEAR SHIFTER SECOND & THIRD SPEED	
17	677 105 R1	FORK ASSY, GEAR SHIFTER FOURTH SPEED	
18	677 110 R1	BAR, FORK & GUIDE RETAINER -2-	
19	677 111 R1	BAR, RETAINER LOCK -2-	
	180 120	BOLT, 3/8-16 X 3/4 HEX-HD -4-	
		FOR COVER GASKET USE 610 557 C91 GASKET LIQUID	



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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GEAR SHIFT
-FOR HYDRAULIC REVERSER WITHOUT
TORQUE CONVERTER



HC-1946



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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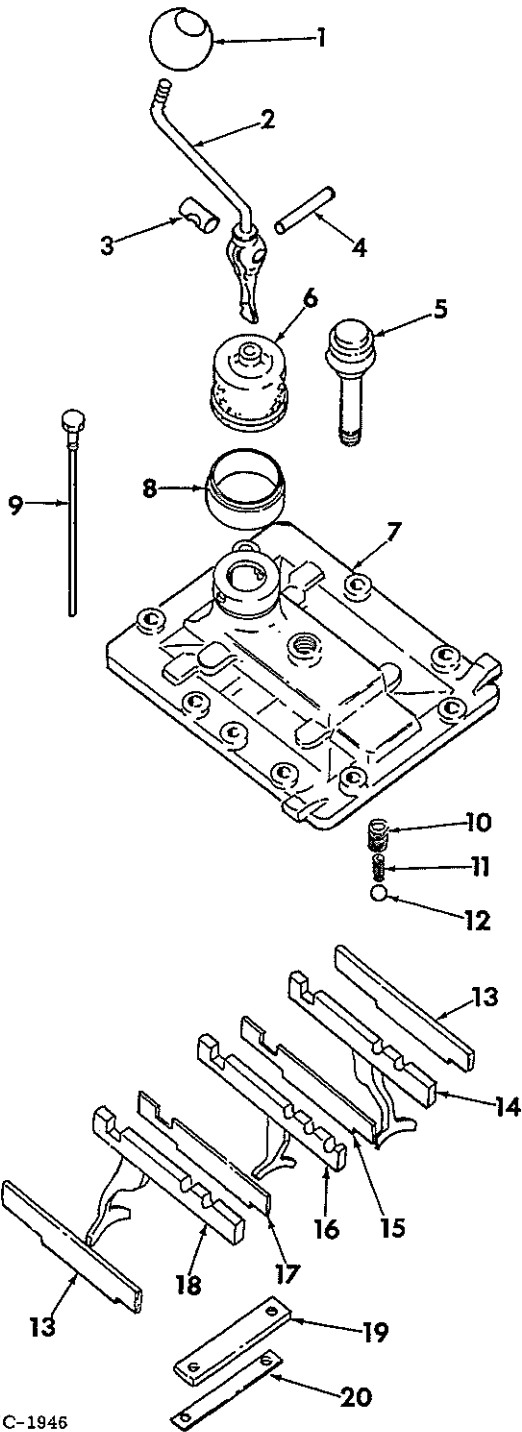
GEAR SHIFT -CONTINUED
-FOR HYDRAULIC REVERSER WITHOUT
TORQUE CONVERTER

1	677 093 R1	KNOB, LEVER	
2	677 090 R1	LEVER ASSY, GEAR SHIFT	
3	705 650 R1	SHAFT, LEVER SWIVEL	
4	677 095 R1	PIN, LEVER SWIVEL	
5	677 813 R91	BREATHER, TRANSMISSION	
6	677 094 R1	BOOT, GEAR SHIFT LEVER	
7	852 333 C1	COVER, GEAR SHIFT	
	180 177	BOLT, 1/2-13 X 1-1/2 HEX-HD -8-	
	120 384	WASHER, 1/2 LOCK -2-	
8	852 335 C1	BUSHING, GEAR SHIFT COVER	
9	677 899 R1	GAUGE ASSY, TRANSMISSION OIL DIPSTICK	
10	711 283 R1	SPRING, GEAR SHIFT POPPET OUTER -3-	
11	850 615 C1	SPRING, GEAR SHIFT POPPET INNER -3-	
12	16 013 R1	BALL, 13/32 STEEL - CHROME -3-	
13	677 109 R1	GUIDE, LEFT & RIGHT OUTER RAIL -2-	
14	677 096 R1	FORK ASSY, FIRST & REV GEAR SHIFTER -USED WITH REVERSE	
15	850 177 C1	FORK ASSY, FIRST GEAR SHIFTER -NOT USED WITH REVERSE	
16	677 107 R1	GUIDE, INNER RAIL LH & RH -2-	
17	677 102 R1	FORK ASSY, GEAR SHIFTER SECOND & THIRD SPEED	
18	677 105 R1	FORK ASSY, GEAR SHIFTER FOURTH SPEED	
19	677 110 R1	BAR, FORK & GUIDE RETAINER -2-	
20	677 111 R1	BAR, RETAINER LOCK -2-	
	180 120	BOLT, 3/8-16 X 3/4 HEX-HD -4-	
		FOR COVER GASKET USE 610 557 C91 GASKET LIQUID	



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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GEAR SHIFT
-FOR HYDRAULIC REVERSER WITH TORQUE
CONVERTER



HC-1946



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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GEAR SHIFT -CONTINUED
-FOR HYDRAULIC REVERSER WITH TORQUE
CONVERTER

- 1 677 093 R1 KNOB, LEVER
- 2 677 090 R1 LEVER ASSY, GEAR SHIFT
- 3 705 650 R1 SHAFT, LEVER SWIVEL
- 4 677 095 R1 PIN, LEVER SWIVEL
- 5 677 813 R91 BREATHER, TRANSMISSION
- 6 677 094 R1 BOOT, GEAR SHIFT LEVER
- 7 852 333 C1 COVER, GEAR SHIFT
USED WITH REVERSE
- 7 852 334 C1 COVER, GEAR SHIFT
-NOT USED WITH REVERSE
- 180 177 BOLT, 1/2-13 X 1-1/2 HEX-HD -8-
- 120 384 WASHER, 1/2 LOCK -2-
- 8 852 335 C1 BUSHING, GEAR SHIFT COVER
- 9 677 899 R1 GAUGE ASSY, TRANSMISSION OIL DIPSTICK
- 10 711 283 R1 SPRING, GEAR SHIFT POPPET OUTER
-2 USED W/O REVERSE
-3 USED W/ REVERSE
- 11 850 615 C1 SPRING, GEAR SHIFT POPPET INNER
-2 USED W/O REVERSE
-3 USED W/ REVERSE
- 12 16 013 R1 BALL, 13/32 STEEL - CHROME
-2 USED W/O REVERSE
-3 USED W/ REVERSE
- 13 677 109 R1 GUIDE, LEFT & RIGHT OUTER RAIL -2-
- 14 677 100 R1 FORK ASSY, REVERSE GEAR SHIFTER
-USED WITH REVERSE
- 15 677 107 R1 GUIDE, RIGHT INNER RAIL
-USED WITH REVERSE
- 16 677 102 R1 FORK ASSY, GEAR SHIFTER
FIRST & SECOND SPEED
- 17 677 107 R1 GUIDE, LEFT INNER RAIL
- 18 677 105 R1 FORK ASSY, GEAR SHIFTER
THIRD SPEED
- 19 677 110 R1 BAR, FORK & GUIDE RETAINER -2-
- 20 677 111 R1 BAR, RETAINER LOCK -2-
- 180 120 BOLT, 3/8-16 X 3/4 HEX-HD -4-

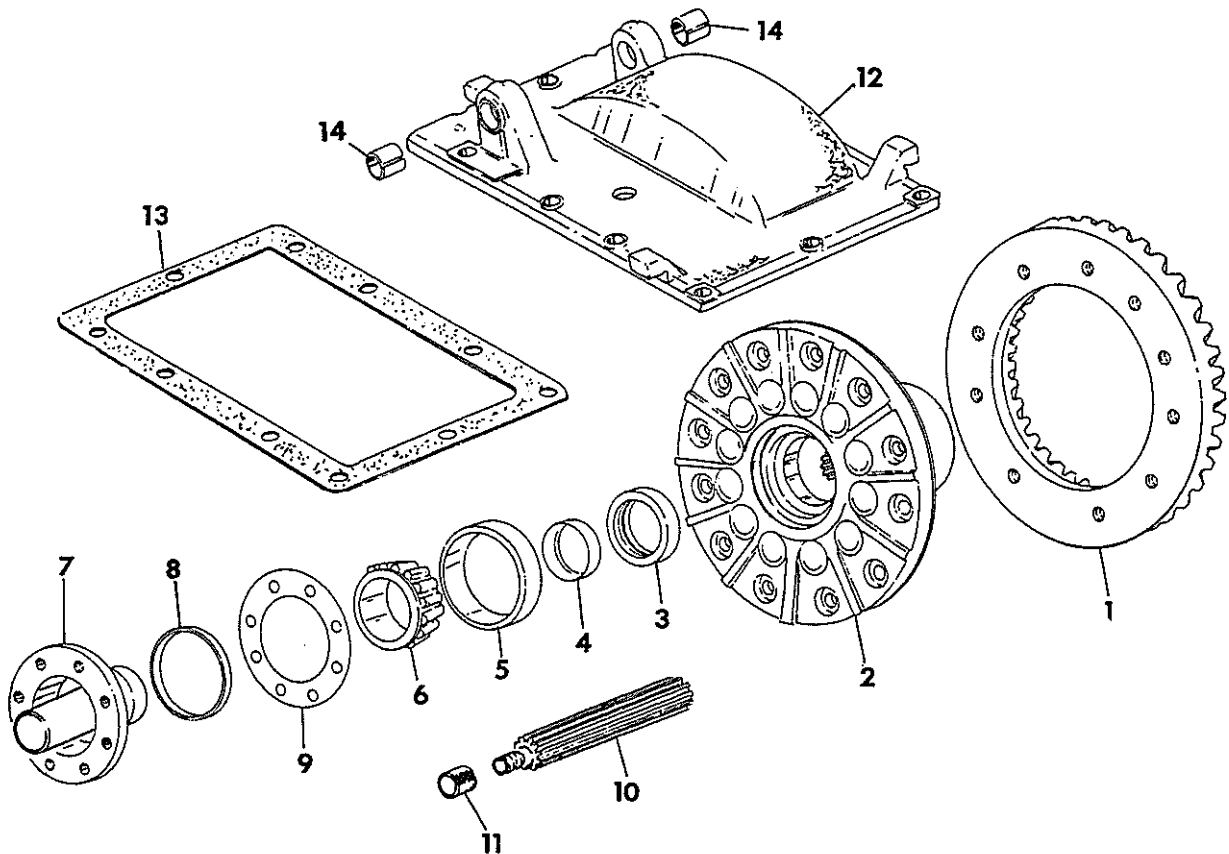
FOR COVER GASKET USE 610 557 C91 GASKET
LIQUID

REF.
NO.PART
NUMBER

DESCRIPTION

TC-210

BEVEL GEAR DRIVE



HB-1947

1	GEAR, DRIVE BEVEL NOT SERVICED SEPARATELY ORDER 1-676 844 R1 SET 181 696 BOLT, 1/2-20 X 1 HEX-HD -12- 135 629 WASHER, 1/2 EXT-TOOTH LOCK -12-
2	676 855 R91 HUB ASSY, BEVEL GEAR DRIVE INCLUDES 2-13 390 D BRG CUP
3	676 852 R91 SEAL, DRIVE HUB OIL -2-
4	676 853 R1 SLEEVE, DRIVE HUB OIL SEAL WEAR -2-
5	13 390 D CUP, DRIVE HUB BEARING -2-
6	ST 2 039 CONE, DRIVE HUB BEARING -2-
7	676 850 R11 RETAINER ASSY, DRIVE HUB BRG -2- INCLUDES 1-676 851 R1 BUSHING 180 121 BOLT, 3/8-16 X 7/8 HEX-HD -12- 120 382 WASHER, 3/8 LOCK -12-
8	343 700 R1 O RING, BRG RETAINER -2-
9	SHIM, DRIVE HUB BEARING RETAINER-.003
9	SHIM, DRIVE HUB BEARING RETAINER-.005
9	SHIM, DRIVE HUB BEARING RETAINER-.010 NOT SERVICED SEPARATELY ORDER 1-850 215 C91-SHIM SET
10	850 685 C1 SHAFT, BEVEL GEAR SIDE DRIVE -2-
11	676 862 R1 BUSHING, SIDE DRIVE SHAFT PILOT -2- IN FINAL DRIVE PINION SHAFT

REF.
NO.PART
NUMBER

DESCRIPTION

TC-210

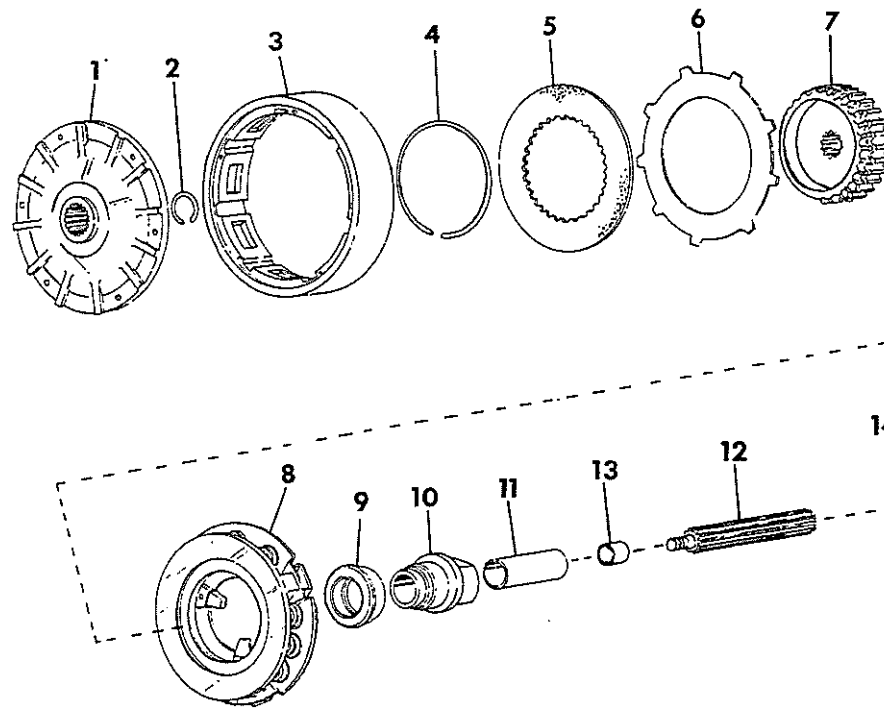
BEVEL GEAR DRIVE -CONTINUED

12	676 944 R11 COVER ASSY, BEVEL GEAR 109 461 FITTING, 1/8-27 STR LUB -2- 180 175 BOLT, 1/2-13 X 1-1/4 HEX HD -7- 120 384 WASHER, 1/2 LOCK -7-
13	GASKET, BEVEL COVER -FOR SERVICE ORDER 610 557 C91 GASKET LIQUID
14	676 815 R1 BUSHING, BRAKE CROSS SHAFT -2- 676 844 R1 SET, TRANSMISSION SPLINE SHAFT AND DRIVE BEVEL GEAR MATCHED CONSISTS OF- \$1-TRANSMISSION SPLINE SHAFT \$1-DRIVE BEVEL GEAR 850 215 C91 SET, DRIVE HUB BEARING RETAINER SHIM CONSISTS OF- \$12-RETAINER SHIM-.003- FOR COVER GASKET USE 610 557 C91 GASKET LIQUID



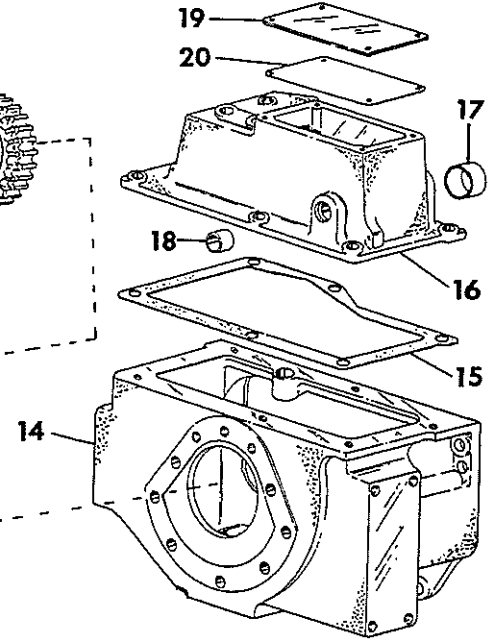
REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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STEERING DRIVE



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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STEERING DRIVE -CONTINUED



HB-1948

1	850 676 C1	BASE, STEERING DRUM -2-
2	676 832 R1	RING, BASE RETAINING -2-
3	676 828 R2	DRUM, STEERING DRIVE -2-
4	676 830 R1	RING, DRIVE HUB -2-
5	676 834 R1	DISK, STEERING DRIVE -14-
6	676 833 R1	PLATE, STEERING DRIVE -12-
7	676 829 R1	HUB, STEERING DRIVE -2-
8	676 827 R91	CLUTCH ASSY, STEERING DRIVE -2- FOR COMPONENTS SEE LISTING -STEERING CLUTCH- THIS SECTION
	851 700 C1	SHIM, STEERING DRIVE CLUTCH -6-
	635 401 R1	WASHER, STEERING CLUTCH SHIM -12-
	187 147	BOLT, 5/16-18 X 3-1/2 HEX-HD -12-
9	412 083	NUT, 5/16-18 LOCK -12-
9	365 865 R91	BEARING, STEERING CLUTCH RELEASE -2-
10	676 826 R1	SLEEVE, CLUTCH RELEASE BEARING -2-
11	676 851 R1	BUSHING, STEERING CLUTCH RELEASE -2-
12	850 685 C1	SHAFT, BEVEL GEAR SIDE DRIVE -2-
13	676 862 R1	BUSHING, SIDE DRIVE SHAFT PILOT -2- IN FINAL DRIVE PINION SHAFT
14	852 385 C91	HOUSING ASSY, STEERING CLUTCH LH
14	852 386 C91	HOUSING ASSY, STEERING CLUTCH RH-SHOWN- INCLUDES 1-444 697- PLUG AND 2-141 287-DOWEL PIN
	444 697	PLUG, 3/8-14 NPT HEX-SKT PIPE C-2-2-
	141 287	PIN, 1/2 X 1-1/2 DOWEL -4-
	271 548	BOLT, 5/8-11 X 1-3/4 HEX-HD -4-
	271 725	BOLT, 5/8-11 X 2-1/2 HEX-HD -4-
	340 729 R1	BOLT, 5/8-11 X 1-3/4 12 POINT -4-
	178 627	WASHER, 5/8 - INT-T LOCK -2-
	676 108 R1	STUD, FINAL DRIVE MOUNTING -6-
	225 861	NUT, 5/8-18 HEX-TYPE 8 -6-

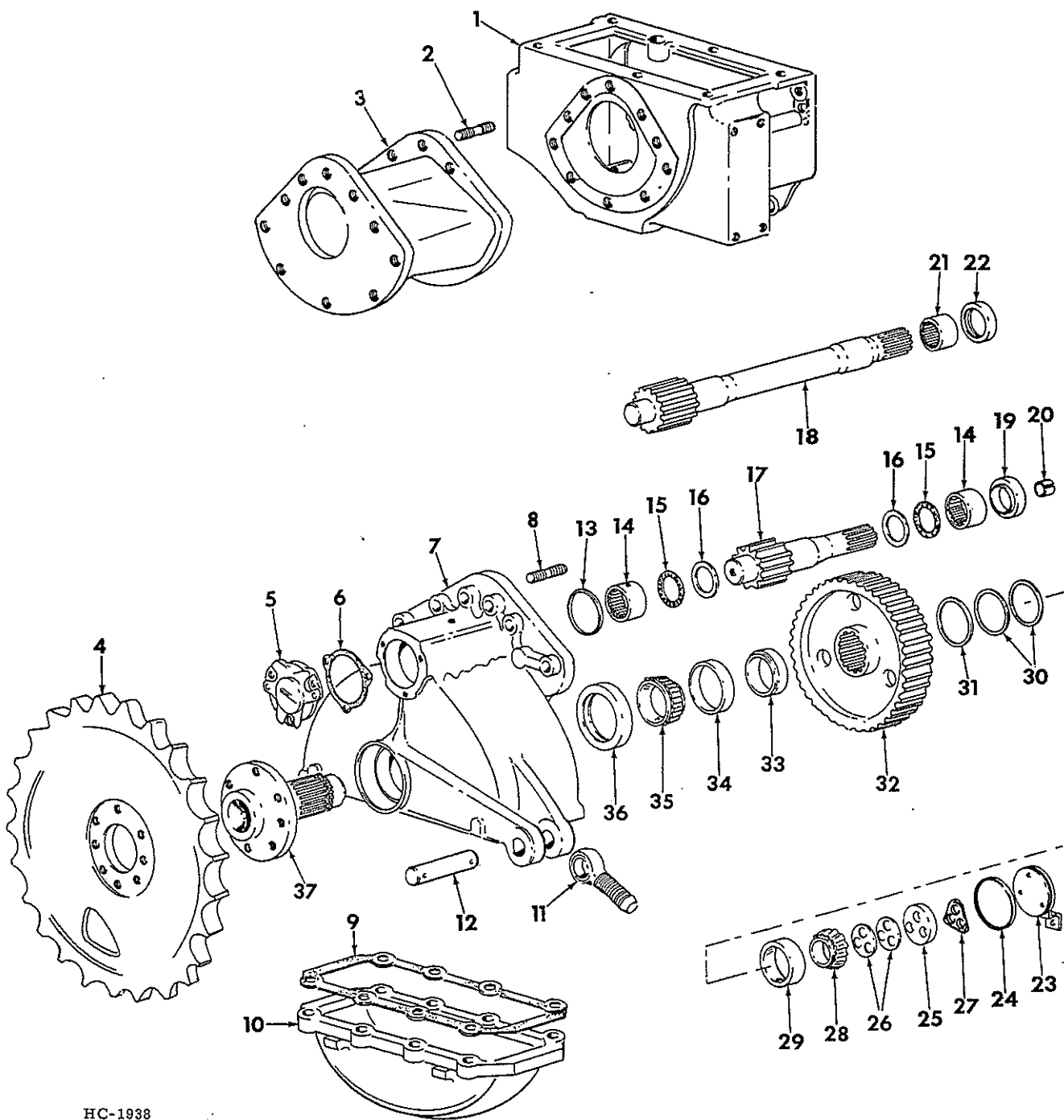
15		GASKET, COVER -2- FOR SERVICE ORDER 610 557 C91 GASKET LIQUID
16	676 950 R31	COVER ASSY, CLUTCH HOUSING LH
16	676 951 R31	COVER ASSY, CLUTCH HOUSING RH -SHOWN- INCLUDES 1- 850 354 C1 PLUG, AND 1-676 953 R1 & 1-676 815 R1 BUSHINGS
	126 152	FITTING, 1/8-27 NPT 45 DEG LUB -2-
	444 688	PLUG, 1/8-27 NPT HEX SKT HD PIPE-2-
	172 558	PLUG, 1-1/4 EXPANSION -2-
	180 173	BOLT, 1/2-13 X 1 HEX-HD -12-
17	676 953 R1	BUSHING, STEERING ACTUATING LEVER -2-
18	676 815 R1	BUSHING, BRAKE ACTUATING SHAFT -2-
19	852 003 C1	COVER, INSPECTION HOLE -2-
	180 016	BOLT, 1/4-20 X 1/2 HEX-HD -2-
	120 380	WASHER, 1/4 LOCK -2-
	21 801 R1	WASHER, .281 X .750 X .056 FLAT -2-
	180 120	BOLT, 3/8-16 X 3/4 HEX-HD -10-
	120 382	WASHER, 3/8 LOCK -10-
20	676 955 R2	GASKET, COVER -2-
		FOR COVER GASKET USE 610 557 C91 GASKET LIQUID

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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FINAL DRIVE AND SPROCKET

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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FINAL DRIVE AND SPROCKET -CONTINUED



HC-1938

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|---|-------------|---|
| 1 | 852 386 C91 | HOUSING ASSY, STEERING CLUTCH RH-SHOWN- |
| 1 | 852 385 C91 | HOUSING ASSY, STEERING CLUTCH LH
REFER TO STEERING DRIVE |
| 2 | 676 108 R1 | STUD, GAUGE SPACER MOUNTING -14- |
| | 225 861 | NUT, 5/8-18 HEX TYPE 8 -14- |

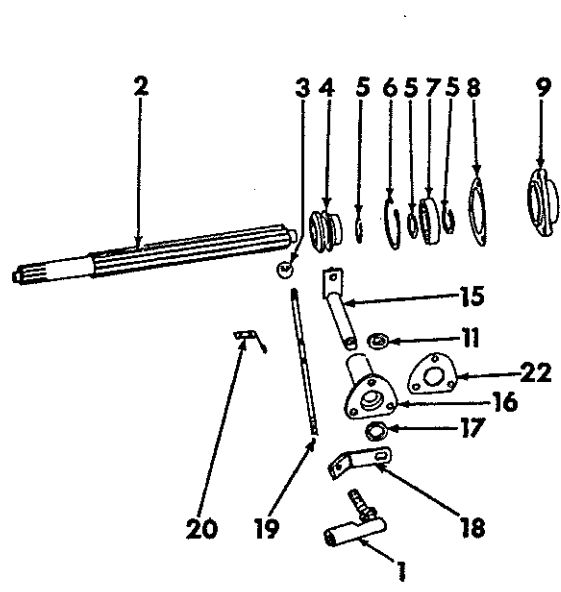
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|---|------------|-------------------------------------|
| 3 | 850 696 C1 | SPACER, FINAL DRIVE GAUGE -2- |
| | 444 692 | -68 INCH TRACK WIDTH- |
| | 223 817 | PLUG, 1/4 C-2 HEX SKT PIPE -2- |
| | 225 861 | BOLT, 5/8-18 X 3-1/2 HEX TYPE 8 -6- |
| | | NUT, 5/8-18 HEX TYPE 8 -6- |

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
FINAL DRIVE AND SPROCKET -CONTINUED			
4	852 474 C1 223 809	SPROCKET ASSY, TRACK DRIVE -2- BOLT, 5/8 X 1-1/2 HEX-HD TYPE 8 -16-	
5	676 863 R1 180 124 120 382	RETAINER, PINION SHAFT -2- BOLT, 3/8-16 X 1-1/4 HEX-HD -6- WASHER, 3/8 LOCK -6-	
6	676 865 R1	SHIM, RETAINER - .010 -2-	
7	852 623 C91	HOUSING ASSY, FINAL DRIVE RH -SHOWN- -CONSISTS OF \$ 1 HOUSING RH 852 519 C1 1 CUP 625 743 C1 1 CUP 529 453 R1 2 PLUG 444 692	
7	852 622 C91	HOUSING ASSY, FINAL DRIVE LH -CONSISTS OF \$ 1 HOUSING LH 852 518 C1 1 CUP 625 743 C1 1 CUP 529 453 R1 2 PLUG 444 692	
	223 817 225 861	BOLT, 5/8-18X3-1/2 HEX-HD TYPE 8 -4- NUT, 5/8-18 HEX-TYPE 8 -4-	
8	676 108 R1 225 861	STUD, FINAL DRIVE MOUNTING -16- NUT, 5/8-18 HEX-TYPE 8 -16-	
9	852 521 C1	GASKET, HOUSING OIL PAN -2-	
10	852 520 C1 444 692 180 175	PAN, HOUSING OIL -2- PLUG, 1/4-14 HEX SKT PIPE C-Z -8- BOLT, 1/2-13 X 1-1/4 HEX-HD -20-	
11	852 536 C1 25 762 R1 272 139 25 862 R1	BOLT, FINAL DRIVE STOP EYE -2- NUT, 1-1/8-7 HEX-TYPE 8 PHC -2- NUT, 1-1/8-7 HEX-JAM -2- WASHER, 1.250 X 2.250 X .250 GA	
12	852 533 C1 25 489 R1 25 519 R1	PIN, EYE BOLT MOUNTING -2- BOLT, 1/4-20 X 1-3/4 HEX-HD TYPE 8 PHC -4- NUT, 1/4-20 HEX-TYPE 8 PHC -8-	
13	354 836 R1	O RING, RETAINER -2-	
14	111 980 R91	BEARING, PINION SHAFT- INNER/OUTER -4-	
15	584 268 R91	BEARING, PINION SHAFT THRUST -4-	
16	675 704 R1	RACE, PINION SHAFT THRUST -4-	
17	852 522 C1	SHAFT ASSY, FINAL DRIVE PINION -2- - INCLUDES BUSHING 676 862 R1- -50 INCH TRACK WIDTH	
18	852 700 C1	SHAFT ASSY, FINAL DRIVE PINION -2- - INCLUDES BUSHING 676 862 R1- -68 INCH TRACK WIDTH-	
19	676 032 R91	SEAL, PINION SHAFT OIL -2- -50 INCH TRACK WIDTH	
20	676 862 R1	BUSHING, BEVEL GEAR SHAFT -2-	
21	676 871 R91	BEARING, PINION SHAFT INNER -2- -68 INCH TRACK WIDTH-	
22	676 032 R91	SEAL, PINION SHAFT OIL -68 INCH TRACK WIDTH-	
23	852 530 C1 180 120 120 382	PLUG ASSY, BULL GEAR SHAFT ACCESS-2- BOLT, 3/8-16 X 3/4 HEX-HD -2- WASHER, 3/8 LOCK -2-	
24	381 109 R1	RING, ACCESS HOLE PLUG SEAL -2-	
25	852 525 C1 180 175	RETAINER, BULL GEAR SHAFT -2- BOLT, 1/2-13 X 1-1/4 HEX-HD -6-	
26	852 624 C91	SET, INNER BEARING SHIM -CONSISTS OF \$5 SHIM .002 \$5 SHIM .005	

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
FINAL DRIVE AND SPROCKET -CONTINUED			
27	852 528 C1	WASHER, RETAINER BOLT LOCK -2-	
28	625 742 C91	CONE, BULL GEAR SHAFT INNER BRG -2-	
29	625 743 C1	CUP, BULL GEAR SHAFT INNER BRG -2-	
30	852 534 C1	RING, BULL GEAR INNER RETAINING -4-	
31	852 535 C1	RING, BULL GEAR INNER SHIM -4- USE AS REQD	
32	676 872 R1	GEAR, FINAL DRIVE BULL -49T -2-	
33	852 529 C1	SPACER, BULL GEAR OUTER -2-	
34	529 453 R1	CUP, BULL GEAR SHAFT OUTER BRG -2-	
35	529 452 R91	CONE, BULL GEAR SHAFT OUTER BRG -2-	
36	677 917 R91	SEAL, BULL GEAR SHAFT OIL -2-	
37	852 524 C1	SHAFT, BULL GEAR -2-	
	852 620 C91	DRIVE ASSY, FINAL LH -CONSISTS OF 1 HOUSING ASSY 852 622 C91 1 GASKET 852 521 C1 1 PAN 852 520 C1 2 PLUG 444 692 C1 10 BOLTS 180 175 1 SEAL 676 032 R91 1 BEARING 111 980 R91 1 GEAR 676 872 R1 2 RING 852 535 C1 2 RING 852 534 C1 1 SPACER 852 529 C1 1 SHAFT 852 524 C1 1 SEAL 677 917 R91 1 CONE 529 452 R91 1 CONE 625 742 C91 1 SET 852 624 C91 1 RETAINER 852 525 C1 3 BOLTS 180 175 1 WASHER 852 528 C1 1 PLUG ASSY 852 530 C1 1 BOLT 180 120 1 WASHER 120 382 1 RING 381 109 R1	
	852 621 C91	DRIVE ASSY, FINAL RH -CONSISTS OF 1 HOUSING ASSY 852 623 C91 1 GASKET 852 521 C1 1 PAN 852 520 C1 2 PLUG 444 692 C1 10 BOLTS 180 175 1 SEAL 676 032 R91 1 BEARING 111 980 R91 1 GEAR 676 872 R1 2 RING 852 535 C1 2 RING 852 534 C1 1 SPACER 852 529 C1 1 SHAFT 852 524 C1 1 SEAL 677 917 R91 1 CONE 529 452 R91 1 CONE 625 742 C91 1 SET 852 624 C91 1 RETAINER 852 525 C1 3 BOLTS 180 175 1 WASHER 852 528 C1 1 PLUG ASSY 852 530 C1 1 BOLT 180 120 1 WASHER 120 382 1 RING 381 109 R1	
	852 008 C91	PACKAGE, FINAL DRIVE GASKET AND SEAL -CONSISTS OF 1 O-RING 354 836 R1 6 SHIM 676 865 R1 1 GASKET 852 521 C1 1 SEAL 676 032 R91 1 SEAL 677 917 R91 1 RING 381 109 R1	

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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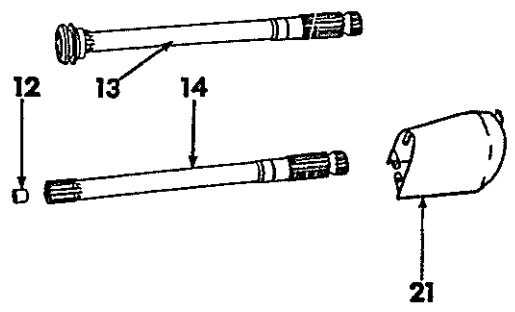
POWER TAKE-OFF AND WINCH DRIVE



1	281 824 C92 120 368	JOINT, 5/16-24 C-Z BALL NOT WINCH DRIVE NUT, 5/16-24 HEX	
2	635 137 R1	SHAFT, TRANSMISSION DRIVE	
3	635 126 R1	KNOB, LEVER NOT WINCH DRIVE	
4	704 386 R1	SPOOL, SHIFTER NOT WINCH DRIVE	
5	659 380 R1	RING, SHIFTER SPOOL TOP RETAINING NOT WINCH DRIVE	
5	659 380 R1	RING, SHAFT BEARING RETAINING -2-	
6	468 337 R1	RING, SHAFT BEARING RETAINING	
7	ST 205 A	BEARING, PTO SHAFT	
8	636 629 R1	GASKET, OIL SEAL RETAINER NOT WINCH DRIVE	
9	704 387 R12	RETAINER ASSY, PTO SHAFT OIL SEAL INCLUDES 1-3 065 217 R91 SEAL NOT WINCH DRIVE	
10	3 065 217 R91	SEAL, SHAFT OIL OPT W/ 708580 R91 & 3 068 756 R91 OIL SEAL - NOT WINCH DRIVE	
10	708 580 R91	SEAL, SHAFT OIL OPT W/3065 217 R91 & 3 068 756 R91 OIL SEAL - NOT WINCH DRIVE	
10	3 068 756 R91	SEAL, SHAFT OIL OPT W/3 065 217 R91 & 708 580 R91 OIL SEAL - NOT WINCH DRIVE	
11	21 782 R1 103 385	WASHER, .656 X 1.500 X .054 NOT WINCH DRIVE PIN, 1/8 X 1 COTTER	
12	48 594 DA	BUSHING, SHAFT PILOT	
13	675 167 R91	SHAFT ASSY, WINCH DRIVE INCLUDES 1-48 594 DA BUSHING WINCH DRIVE ONLY	
14	635 118 R11	SHAFT ASSY INCLUDES 1-48 594 DA BUSHING NOT WINCH DRIVE	

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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POWER TAKE-OFF AND WINCH DRIVE -CONTINUED

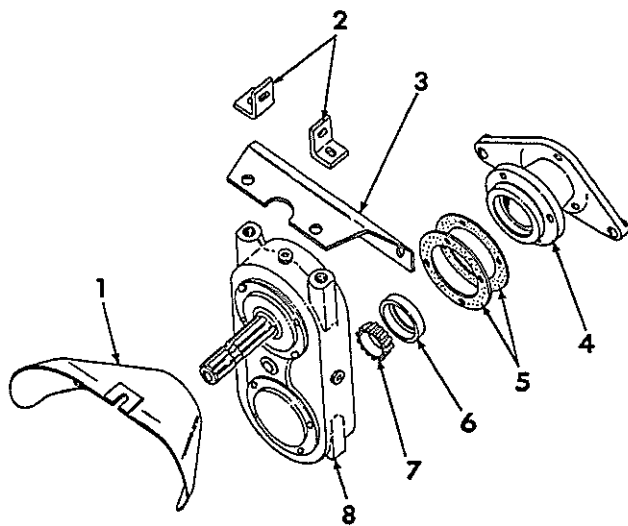


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15	635 119 R91	SHAFT ASSY, PTO SHIFTER NOT WINCH DRIVE	
16	635 117 R1 180 122 120 382	BRACKET, SHIFTER SUPPORT BOLT, 3/8-16 X 1 HEX-HD -3- WASHER, 3/8 LOCK -3-	
17	704 393 R91	SEAL, SHIFTER SHAFT OIL OPT W/ 704 384 R91, 635 579 R91 & 3 066 616 R91 OIL SEAL NOT WINCH DRIVE	
17	704 394 R91	SEAL, SHIFTER SHAFT OIL OPT W/704 393 R91, 635 579 R91 & 3 066 616 R91 OIL SEAL NOT WINCH DRIVE	
17	635 579 R91	SEAL, SHIFTER SHAFT OIL OPT W/704 393 R91, 704 394 R91 & 3 066 616 R91 OIL SEAL NOT WINCH DRIVE	
17	3 066 616 R91	SEAL, SHIFTER SHAFT OIL OPT W/ 704 393 R91, 704 394 R91 & 635 579 R91 OIL SEAL NOT WINCH DRIVE	
18	850 487 C1	ARM, SHIFTER SHAFT OUTER	
19	677 600 R1	ROD, PTO SHIFTER LEVER NOT WINCH DRIVE	
20	677 601 R1 436 695 120 622 121 841	SPRING, LEVER RETAINING NOT WINCH DRIVE SCREW, 8-32 X 1/2 PAN-HD -2- NUT, 8-32 HEX MACH SCREW -2- WASHER, NO 8 LOCK -2-	
21	704 395 R96 180 073	SHIELD ASSY, PTO SAFETY BOLT, 5/16-18 X 1/2 HEX-HD -3- WINCH DRIVE	
3	072 253 R1 619 855 R1 120 214 120 376	STUD, SHIELD MOUNTING -3- NOT WINCH DRIVE WASHER, .344 X .750 X .056 FLAT -3- WASHER, 5/16 LOCK -6- NUT, 5/16-18 HEX -6-	
22	636 630 R1	GASKET, PTO SHIFTER BRACKET	

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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POWER TAKE OFF SPEED REDUCER AND MOUNTING
REDUCES SPEED FROM 1000 TO 540 RPM

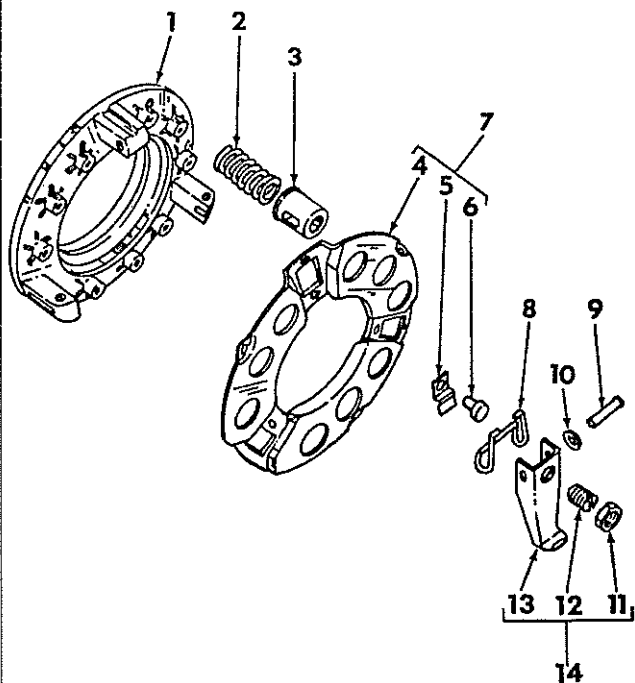


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1	676 562 R91	SHIELD ASSY, PTO SAFETY	
	180 123	BOLT, 3/8-16 X 1-1/8 HEX-HD -4-	
	120 382	WASHER, 3/8 LOCK -4-	
2	676 757 R1	ANGLE, REDUCER SUPPORT -2-	
		FOR TRACTORS W/THREE POINT HITCH	
	180 175	BOLT, 1/2-13 X 1-1/4 HEX-HD -2-	
	180 179	BOLT, 1/2-13 X 1-3/4 HEX-HD -2-	
	178 374 R1	WASHER, .531 X 1.250 X .054 FLAT -4-	
	120 378	NUT, 1/2-13 HEX -2-	
3	676 547 R2	SUPPORT, REDUCER	
		FOR TRACTORS W/O THREE POINT HITCH	
	180 175	BOLT, 1/2-13 X 1-1/4 HEX-HD -2-	
	271 546	BOLT, 5/8-11 X 1-1/4 HEX-HD -2-	
	178 374 R1	WASHER, .531 X 1.250 X .056 FLAT -2-	
	21 796 R1	WASHER, .656 X 1.000 X .054 FLAT -2-	
4	676 546 R1	ADAPTOR, REDUCER	
	180 122	BOLT, 3/8-16 X 1 HEX-HD -4-	
	271 546	BOLT, 5/8-11 X 1-1/4 HEX-HD -2-	
	180 080	BOLT, 5/16-18 X 1-1/8 HEX-HD -3-	
	120 382	WASHER, 3/8 LOCK -4-	
5	676 591 R1	GASKET, ADAPTOR -2-	
6	264 800 R91	CUP, ADAPTOR BEARING	
7	150 498 R1	CONE, ADAPTOR BEARING	
8	676 545 R92	REDUCER ASSY, PTO SPEED	
		FOR COMPONENTS SEE LISTING	
		-SPEED REDUCER- THIS SECTION	

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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STEERING CLUTCH



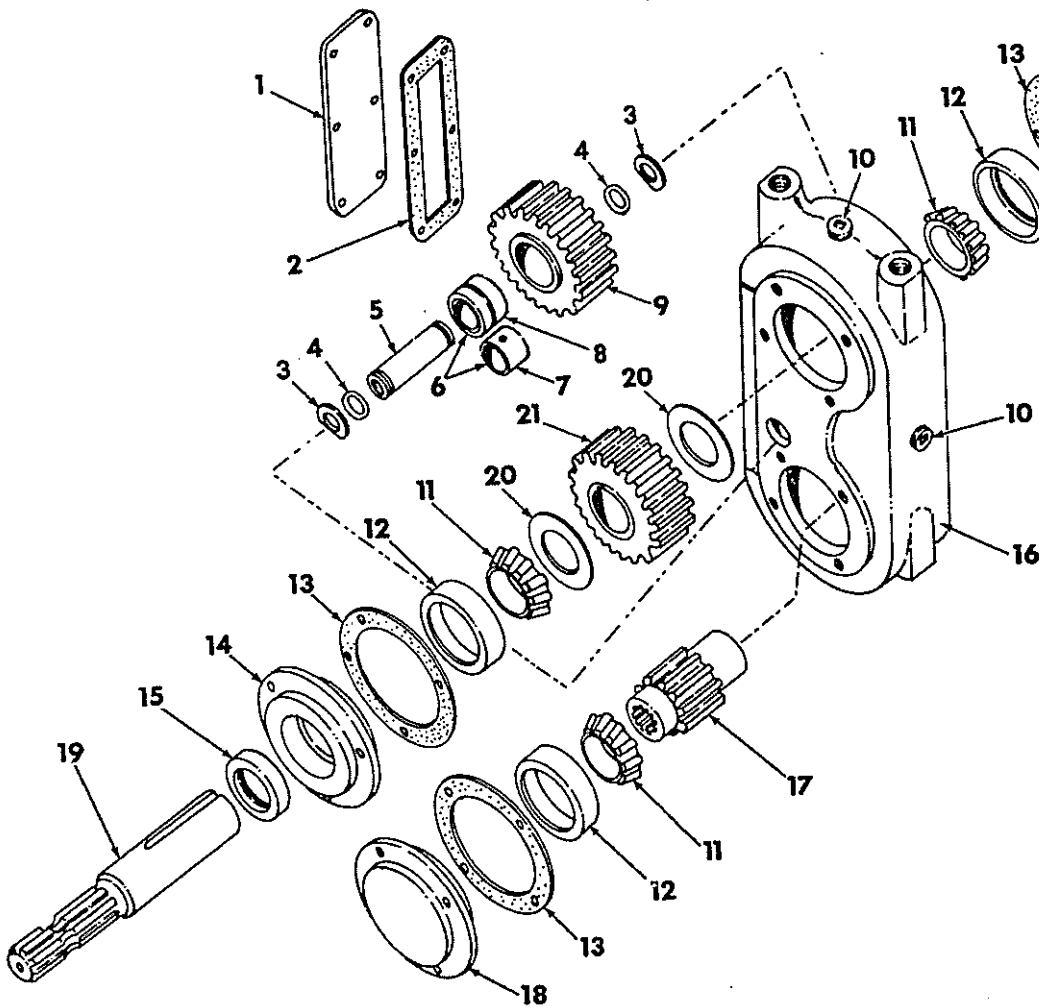
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	676 827 R91	CLUTCH ASSY, STEERING -2-	
		-CONSISTS OF ALL PARTS LISTED	
1	850 102 C1	PLATE, PRESSURE	
2	145 555 R1	SPRING, PRESSURE -9-	
3	850 103 C1	CUP, SPRING -9-	
4		PLATE, BACK	
		NOT SERVICED SEPARATELY ORDER	
		PLATE ASSY 397 360 R91	
5	353 313 R1	CLIP, SPRING -3-	
6	358 561 R1	SCREW, ADJ -3-	
7	397 360 R91	PLATE ASSY, BACK	
		-CONSISTS OF	
		\$ 1 PLATE	
		3 PIN	358 561 R1
		3 CLIP	353 313 R1
8	366 465 R1	SPRING, RELEASE LEVER -3-	
9	52 846 D	PIN, RELEASE LEVER -3-	
	107 762	PIN, 3/32 X 5/8 COTTER -3-	
10	850 104 C1	SPRING, BELLEVILLE -3-	
11	272 121	NUT, 7/16-20 HEX JAM -3-	
12	850 435 C1	SCREW, RELEASE LEVER ADJ -3-	
13		LEVER, RELEASE -3-	
		NOT SERVICED SEPARATELY ORDER	
		LEVER ASSY 360 822 R91	
14	360 822 R91	LEVER ASSY, RELEASE -3-	
		-CONSISTS OF	
		\$ 1 LEVER	
		1 SCREW	850 435 C1
		3 NUT	272 121



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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POWER TAKE-OFF SPEED REDUCER
REDUCES SPEED FROM 1000 TO 540 RPM



	676 545 R92	REDUCER ASSY, PTD SPEED -CONSISTS OF ALL PARTS LISTED	
1	676 587 R1 180 022	COVER, HOUSING BOLT, 1/4-20 X 1/2 C-Z -6-	
2	676 588 R1	GASKET, COVER	
3	667 933 R1	WASHER -2-	
4	384 598 R1	O-RING, SHAFT -2-	
5	676 593 R1 180 122	PIN, IDLER GEAR BOLT, 3/8-16 X 1 HEX-HD -2-	
6	676 610 R91	BEARING ASSY, NEEDLE -CONSISTS OF	
		1 RACE 676 612 R1	
		1 BEARING 111 719 R91	
7	676 612 R1	BEARING, RACE	
8	111 719 R91	BEARING, NEEDLE	
9	676 592 R1	GEAR, IDLER	



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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POWER TAKE-OFF SPEED REDUCER -CONTINUED
REDUCES SPEED FROM 1000 TO 540 RPM

10	444 703	PLUG, 1/2 NPT PIPE -3-
11	264 800 R91	CONE, BEARING -3-
12	150 498 R1	CUP, BEARING -3-
13	676 591 R1	GASKET, RETAINER -3-
14	676 590 R1 180 122	RETAINER, SHAFT OUTER BOLT, 3/8-16 X 1 HEX-HD -4-
15	676 609 R91	SEAL, OIL OUTER
16	676 586 R1	HOUSING, REDUCER
17	676 741 R1	SHAFT & GEAR, HI SPEED
18	676 742 R1 180 122	RETAINER, SHAFT BOLT, 3/8-16 X 1 HEX-HD -8-
19	850 240 C1 676 595 R1	SHAFT, LOW SPEED KEY, GEAR
20	676 786 R1	SHIM -2-
21	676 594 R1	GEAR, LOW SPEED

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ELECTRICAL

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SECTION 08

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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FOR INDEX TO UNITS REFER TO INTRODUCTION PAGE III



ELECTRICAL

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SECTION 08

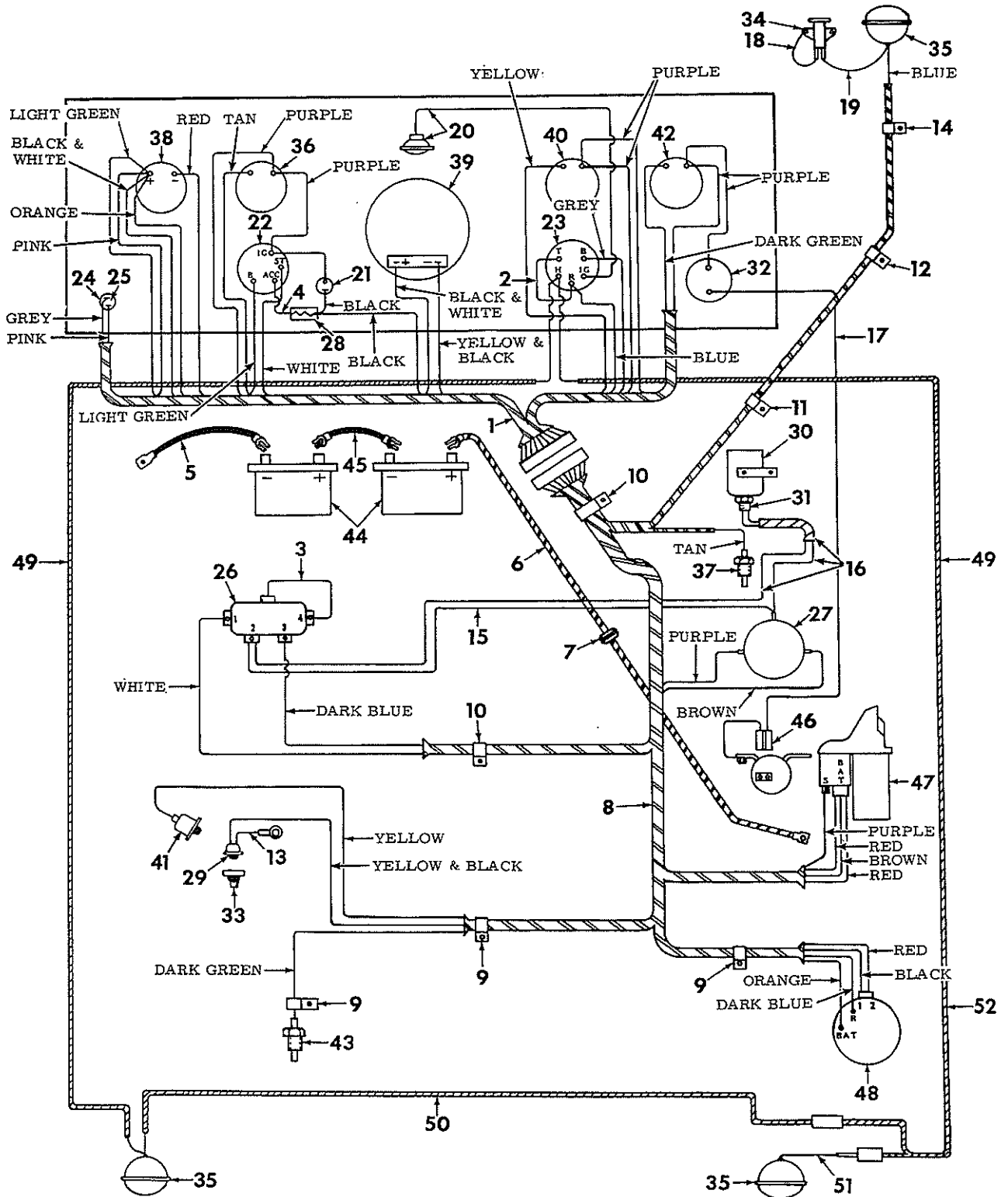
REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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ELECTRICAL SYSTEM

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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ELECTRICAL SYSTEM -CONTINUED



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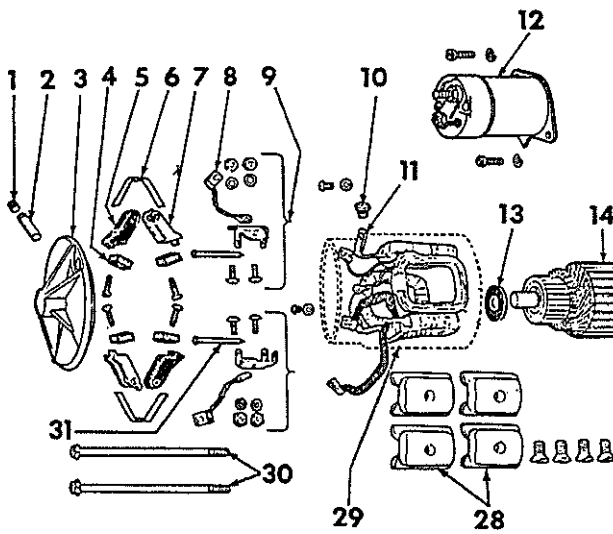
REF. NO.	PART NUMBER	DESCRIPTION	TC-210
ELECTRICAL SYSTEM -CONTINUED			
1	852 440 C91	HARNASS ASSY, PANEL ACCESSORY	
2	635 531 R91	CABLE, LIGHT SWITCH JUMPER -T TERMINAL TO R-	
3	677 218 R91	CABLE, A.D.L.O. RELAY TERM 4 TO GROUND	
4	677 217 R91	CABLE, WARNING LIGHT RESISTOR TO IGNITION SWITCH	
5	181 342 R91	CABLE, BATTERY GROUND	
6	850 266 C1	CABLE, BATTERY TO SOLENOID	
7	19 351 R1	GROMMET, BATTERY CABLE	
8	852 442 C91	HARNASS ASSY, FRONT WIRING	
9	299 256 C91	CLIP, FRONT HARNASS -3-	
10	140 582	CLIP, FRONT HARNASS -2-	
11	850 218 C1 21 796 R1	CLAMP, REAR HARNASS WASHER, .656 X 1.000 X .054 FLAT	
12	102 424 R1	CLAMP, REAR HARNASS	
13	594 277 R11	CABLE, HOUR METER PRESSURE SWITCH TO GROUND	
14	102 869 R1 120 376 120 214	CLAMP, CABLE NUT, 5/16-18 HEX WASHER, 5/16 LOCK	
15	677 232 R91	CABLE, A.D.L.O. RELAY TERM NO. 2 TO MAGNETIC SWITCH	
16	677 230 R91	HARNASS ASSY, REVERSER SAFETY SWITCH	
17	677 770 R92	CABLE, ETHER START	
18	54 578 R11	CABLE, ELECTRIC BREAKAWAY CONNECTOR SOCKET GROUND	
19	676 794 R1	CABLE, TAILLIGHT TO ELECTRIC BREAKAWAY CONNECTOR	
20	598 248 R91 142 450	LIGHT ASSY, INSTRUMENT PANEL GEN ELECTRIC OPT/W 850613C91 LAMP, 12V	
20	850 613 C91 142 452	LIGHT ASSY, INSTRUMENT PANEL HOBBS DIV OPT/W 598248R91 LAMP, 12V	
21	676 922 R91 9 417 863	LAMP ASSY, GENERATOR WARNING LAMP, 12V	
22	677 221 R91	SWITCH ASSY, KEY IGNITION W/KEYS REFER TO -INSTRUMENT PANEL- SECTION 11	
23	371 465 R91	SWITCH ASSY, LIGHTING	
24	376 852 R91	HOUSING ASSY, FUSE	
25	432 644	FUSE, TYPE 3AG - 20 AMP	
26	115 834 180 020 120 375 120 380	RELAY, A.D.L.O. - 677 222R91 - BOLT, 1/4-20 X 3/4 HEX-HD -2- NUT, 1/4-20 HEX -2- WASHER, 1/4 LOCK -2-	
27	114 209 180 020 120 375 120 380	SWITCH ASSY, STARTER MAGNETIC-896158R91 BOLT, 1/4-20 X 3/4 HEX-HD -2- NUT, 1/4-20 HEX -2- WASHER, 1/4 LOCK -2-	
28	960 890 120 376 120 214	RESISTOR, WARNING LIGHT -677 224R91- NUT, 5/16-18 HEX WASHER, 5/16 LOCK	
29	132 244 R91	SWITCH ASSY, HOURMETER PRESSURE	

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
ELECTRICAL SYSTEM -CONTINUED			
30	677 227 R91 850 176 C1	SWITCH ASSY, REVERSER SAFETY SHIM, REVERSER SAFETY SWITCH MTG USE AS REQD	
31	677 228 R1	INSULATOR, SAFETY SWITCH TERMINAL	
32	395 074 R93 436 750 120 614 120 217	SWITCH ASSY, ETHER STARTING PUSH BUTTON SCREW, 10-32 X 1/2 SLT-PAN-HD MACH -2- NUT, 10-32 LOCK -2- WASHER, 10 LOCK -2-	
33	119 922	ADAPTOR, 1/4 X 1/8 REDUCING PIPE ZND	
34	362 002 R92 64 022 H 121 841 180 020 120 375 120 380	SOCKET ASSY, BREAKAWAY CONNECTOR SCREW, 8-32 X 5/16 SLT -2- FIL HD MACH WASHER, 8 MED LOCK -2- BOLT, 1/4-20 X 3/4 HEX-HD -2- NUT, 1/4-20 HEX -2- WASHER, 1/4 LOCK -2-	
35	599 286 R91	LIGHT ASSY, HEAD & TAIL 12V -3- OPTIONAL W/ 823 029 C91	
35	823 029 C91 120 378	LIGHT ASSY, HEAD & TAIL 12V -3- OPTIONAL W/ 599 286 R91 NUT, 1/2-13 HEX -6-	
36	677 225 R91	GAUGE, TRANSMISSION OIL TEMPERATURE INDICATOR	
37	677 226 R91	GAUGE, TRANSMISSION OIL TEMPERATURE SENDER	
38	677 159 R91	AMMETER	
39	621 657 C91	HOURLMETER ASSY	
40	677 160 R91	GAUGE, ENGINE OIL PRESS INDICATOR	
41	677 161 R91	GAUGE, ENGINE OIL PRESS SENDER	
42	677 162 R91	GAUGE, ENGINE WATER TEMP INDICATOR	
43	677 163 R91	GAUGE, ENGINE WATER TEMP SENDER	
44		BATTERY, DRY CHARGE-REFER TO -BATTERY AND MOUNTING- THIS SECTION	
45	233 505 R91	CABLE, BATTERY TO BATTERY-DOUBLE BATTERY SYSTEM ONLY	
46	533 231 R91	SOLENOID ASSY, ETHER INJECTION	
47	1 107 867	MOTOR ASSY, CRANKING-403 300R92-REFER TO -CRANKING MOTOR- THIS SECTION	
48	1 102 363	ALTERNATOR ASSY, AC-66 242C1-REFER TO -ALTERNATOR- THIS SECTION	
49	676 023 R91	CABLE, HEAD LIGHT -2- -FOR LOADER TRACTORS ONLY	
50	850 441 C1	CABLE, HEAD LIGHT-RT- -NOT USED ON LOADER TRACTORS	
51	850 442 C1	CABLE, HEAD LIGHT-LT- -NOT USED ON LOADER TRACTORS	
52	850 443 C1	HARNASS, HEAD LIGHT W/RING -NOT USED ON LOADER TRACTORS	



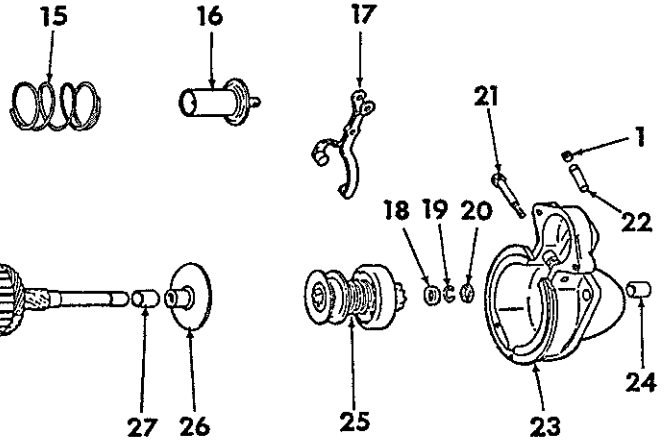
REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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CRANKING MOTOR-DELCO REMY



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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CRANKING MOTOR-DELCO REMY -CONTINUED



H 1614

1	107 867	MOTOR ASSY, CRANKING - 403300 R92 INCLUDES ALL PARTS LISTED
	180 122	BOLT, 3/8-16 X 1 HEX-HD -3-
	120 382	WASHER, 3/8 LOCK -3-
	120 622	NUT, 8-32 HEX
	121 841	WASHER, NO 8 LOCK
	120 377	NUT, 3/8-16 HEX
	120 382	WASHER, 3/8 LOCK
1	9 427 882	PLUG, PIPE -2-
2	1 919 851	WICK, OIL
3	1 940 385	FRAME ASSY, COMMUTATOR END -INCLUDES BUSHING 1 938 596-1/2 IN OR BUSHING 820 148-23/32 IN
4	1 946 434 274 875	BRUSH -4- SCREW, GROUND BRUSH ATTACHING -2-
5	1 926 618 1 959 514	HOLDER, INSULATED BRUSH -2- SCREW, W/L.W., INSULATED BRUSH -2-
6	1 926 622	SPRING, BRUSH -2-
7	1 940 477	HOLDER, GROUND BRUSH -2-
8	1 960 864 274 738 120 361 453 435	LEAD, GROUND -2- SCREW, BRUSH HOLDER SUPPORT -4- NUT, ATTACHING SCREW -4- WASHER, LOCK -4-
9	1 928 015	PACKAGE, BRUSH SUPPORT -2-
10	1 955 946	GROMMET, FIELD FRAME
11	1 964 954 9 427 815 453 468 453 435	CONNECTOR, SWITCH SCREW, CONNECTOR ATTACHING SCREW, FIELD LEAD TO CONNECTOR WASHER, LOCK
12	1 114 356 1 952 427 132 255 9 421 423	SWITCH ASSY GASKET, SWITCH MTG SCREW, SWITCH ATTACHING -2- WASHER, LOCK -2-
13	1 914 842	WASHER, SPACER
14	1 960 866	ARMATURE
15	1 958 679	SPRING, PLUNGER RETURN

16	1 941 113	PLUNGER, SWITCH
17	1 951 567 455 106	LEVER, SHIFTER PIN, LEVER ATTACHING
18	1 928 021	COLLAR, STOP
19	1 928 022	RING, RETAINING
20	1 928 023	COLLAR, THRUST
21	1 932 197 9 428 056 9 421 424	STUD, LEVER PIVOT NUT, STUD HEX JAM LOCK WASHER, STUD LOCK
22	1 916 439	WICK, OIL
23	1 965 429 809 593	HOUSING ASSY, DRIVE END PIN, D.E. DOWEL
24	1 862 383	BUSHING, DRIVE END
25	1 970 026	DRIVE ASSY, CLUTCH-TYPE MOTOR -INCLUDES 801 198 SPRING AND 1 873 796 BUSHING
26	820 149 1 914 580 1 962 276	PLATE, CENTER BEARING RETAINING SCREW, CENTER BEARING ATTACHING -2- WASHER, LOCK -2-
27	1 938 596	BUSHING, CENTER BEARING
28	1 887 021 1 913 960	SHOE, POLE -4- SCREW, POLE SHOE -4-
29	1 960 853	COIL ASSY, FIELD
30	1 960 908	BOLT, THRU -2-
31	1 966 923	PIN, BRUSH HOLDER SUPPORT -2-

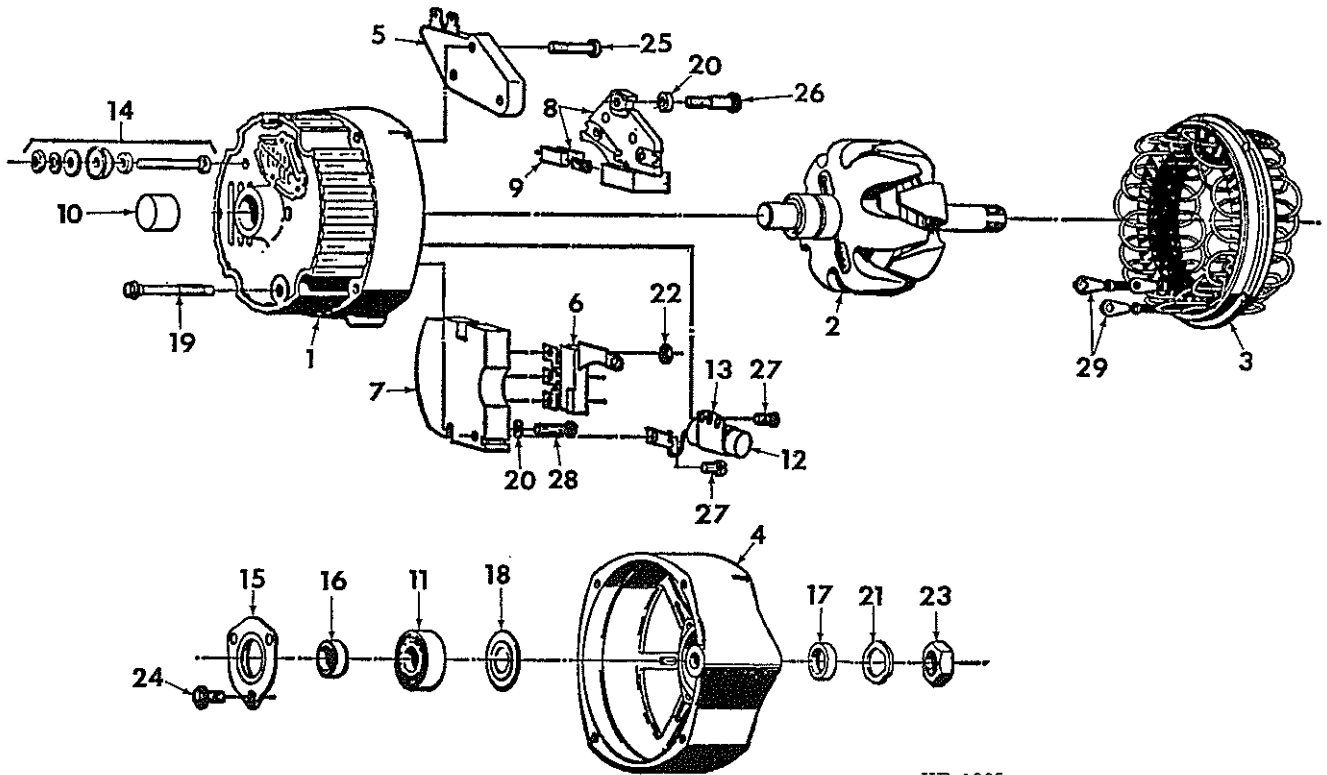


REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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ALTERNATOR-DELCO REMY

ALTERNATOR-DELCO REMY -CONTINUED



HE-1905

1	102 363	ALTERNATOR ASSY, AC 66 242 C1 INCLUDES ALL PARTS LISTED
1	852 101	FRAME ASSY, STATOR/ROTOR END -INCLUDES 1-423 649 C91 BEARING
2	876 470	ROTOR ASSY
3	971 986	STATOR ASSY -INCLUDES 1 846 548 CLIPS
4	970 525	FRAME ASSY, DRIVE END
5	116 387	REGULATOR
6	971 528	DIODE ASSY
7	875 627	BRIDGE, RECTIFIER
8	876 873	BRUSH & HOLDER ASSY
9	964 117	SPRING, BRUSH
10	423 649 C91	BEARING, S.R.E.
11	539 103 R91	BEARING, D.E.
12	801 824	CAPACITOR
13	869 573	BRACKET, CAPACITOR
14	846 900	PACKAGE, BATTERY TERMINAL

15	971 993	RETAINER, BEARING
16	963 139	COLLAR, INSIDE BRG
17	959 991	COLLAR, OUTSIDE BRG
18	800 832	SLINGER, GREASE
19	956 975	BOLT, THRU -4-
20	847 933	WASHER, INSULATING SCREW -2-
21	941 978	WASHER, D.E. SHAFT LOCK
22	453 434	NUT, RECTIFIER BRIDGE -3-
23	915 172	NUT, D.E. SHAFT
24	965 104	SCREW, RETAINER -3-
25	971 519	SCREW, BRUSH HOLDER GROUND
26	846 864	SCREW, BRUSH HOLDER INSULATING
27	851 612	SCREW W/L.W., CAPACITOR BRKT & LEAD -2-
28	876 668	SCREW, BRIDGE ATTACH
29	846 548	CLIP, STATOR LEAD TERMINAL -3-



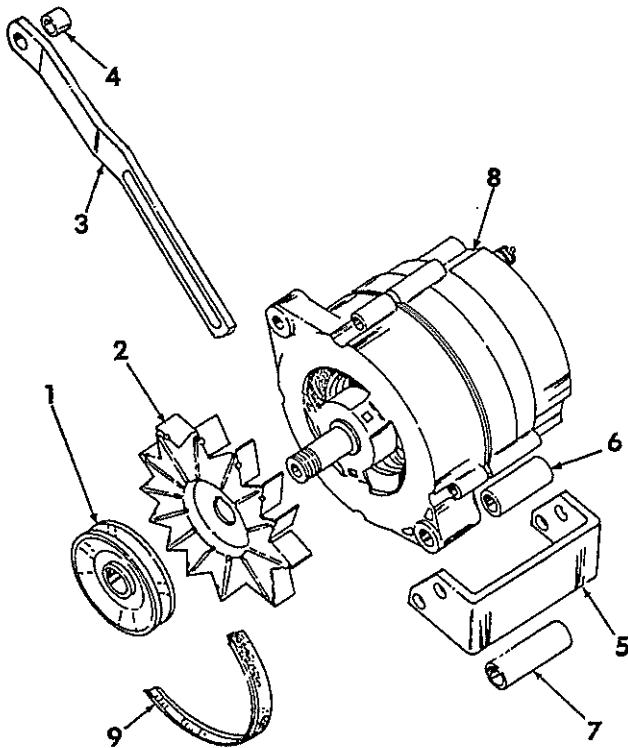
ELECTRICAL

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SECTION 08

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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ALTERNATOR MOUNTING AND DRIVE



HE 581-A

1	384 986 R1	PULLEY, ALTERNATOR
2	221 425 R1	FAN, ALTERNATOR
3	850 451 C1	BRACE, ALTERNATOR ADJUST
	180 077	BOLT, 5/16-18 X 3/4 HEX-HD
	120 214	WASHER, 5/16 LOCK
	619 855 R1	WASHER, .344 X .750 X .054 FLAT
4	86 224 H	SPACER, ADJUSTING BRACE
5	596 491 R1	CHANNEL, ALTERNATOR SUPPORT
	189 295	BOLT, 3/8-16 X 4-1/2 HEX-HD -2-
	120 377	NUT, 3/8-16 HEX -2-
	120 382	WASHER, 3/8 LOCK -2-
	120 394	WASHER, .406 X .812 X .051 FLAT -2-
Q	3 641	WASHER, .406 X .750 X .021 FLAT -2-
6	950 523 R1	SPACER, ALTERNATOR PIVOT
7	23 929 S	SPACER, CHANNEL MTG
8	1 102 363	ALTERNATOR, AC -66 242 C1-
	121 743	REFER TO ALTERNATOR THIS SECTION NUT, 12-24 HEX
9	676 835 R1	BELT, FAN/ALTERNATOR DRIVE



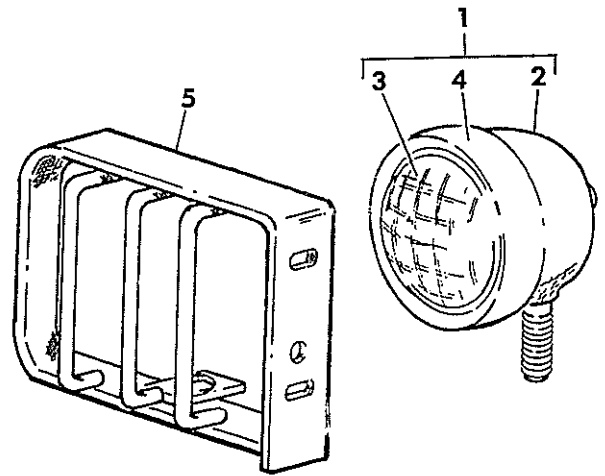
ELECTRICAL

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SECTION 08

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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HEAD LIGHTS AND TAIL LIGHT WITH GUARDS



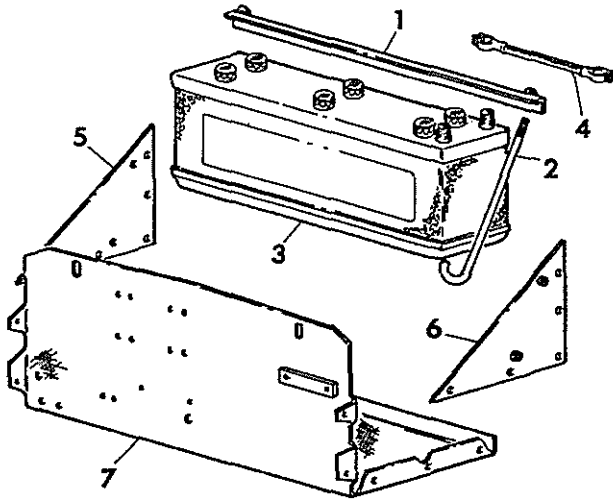
HB-1908

1	599 286 R91	LIGHT ASSY, HEAD AND TAIL -3- HOBBS - OPTIONAL W/ 823 029 C91 LIGHT ASSY -CONSISTS OF \$ 1 HOUSING 1 RETAINER 676 078 R1 1 LAMP 390 756 R91
	120 378	NUT, 1/2-13 HEX -6-
1	823 029 C91	LIGHT ASSY, HEAD AND TAIL -3- DOMINION AUTO -OPTIONAL W/ 599 286 R91 LIGHT ASSY -CONSISTS OF \$ 1 HOUSING 1 RETAINER 823 031 C1 1 LAMP 390 756 R91
	120 378	NUT, 1/2-13 HEX -6-
2		HOUSING, LIGHT -3- -NOT SERVICED SEPARATELY ORDER LIGHT ASSY
3	390 756 R91	LAMP, SEALED BEAM -3-
4	676 078 R1	RETAINER, LIGHT -3- -FOR USE W/HOBBS LIGHT
4	823 031 C1	RETAINER, LIGHT -3- -FOR USE W/DOMINION AUTO LIGHT
5	852 318 C1	GUARD ASSY, HEAD LIGHT - RH -SHOWN- -NOT USED ON LOADER TRACTORS
5	852 317 C1	GUARD ASSY, HEAD LIGHT - LH -NOT USED ON LOADER TRACTORS
	180 122	BOLT, 3/8-16 X 1 HEX-HD -4-
	120 377	NUT, 3/8-16 HEX -4-
	120 382	WASHER, 3/8 LOCK -4-



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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BATTERY AND MOUNTING



HB-1909

1	598 735 R1	ANGLE ASSY, BATTERY CLAMP
	557 950 R1	WASHER, .406 X 1.000 X .164 FLAT PLN -2-
2	598 734 R1	ROD, BATTERY HOLD-DOWN -2-
	120 377	NUT, 3/8-16 HEX -2-
	120 382	WASHER, 3/8 LOCK -2-
3	267 756 R93	BATTERY, 12V PRESTOLITE -DRY CHARGE -CDN. ONLY-
3	4 907 X	BATTERY, 12V PRESTOLITE -DRY CHARGE -U.S. ONLY-
3	647 250 R92	BATTERY, 6V DRY CHARGE -2- -CDN. ONLY-
3	1 258 X	BATTERY, 6V PRESTOLITE DRY CHARGE -2- -U.S. ONLY
4	233 505 R91	CABLE, BATTERY TO BATTERY FOR USE W/ DUAL BATTERY
5	852 344 C1	PLATE ASSY, BATTERY TRAY SUPPORT RH
6	852 343 C1	PLATE ASSY, BATTERY TRAY SUPPORT LH
	180 120	BOLT, 3/8-16 X 3/4 HEX-HD -4-
	180 122	BOLT, 3/8-16 X 1 HEX-HD -6-
	120 377	NUT, 3/8-16 HEX -10-
	120 382	WASHER, 3/8 LOCK -10-
7	852 368 C1	TRAY ASSY, BATTERY



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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FRAME

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SECTION 09

REF. NO.

PART NUMBER

DESCRIPTION

TC-210

FOR INDEX TO UNITS REFER TO
INTRODUCTION PAGE III



FRAME

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SECTION 09

REF. NO.

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DESCRIPTION

TC-210



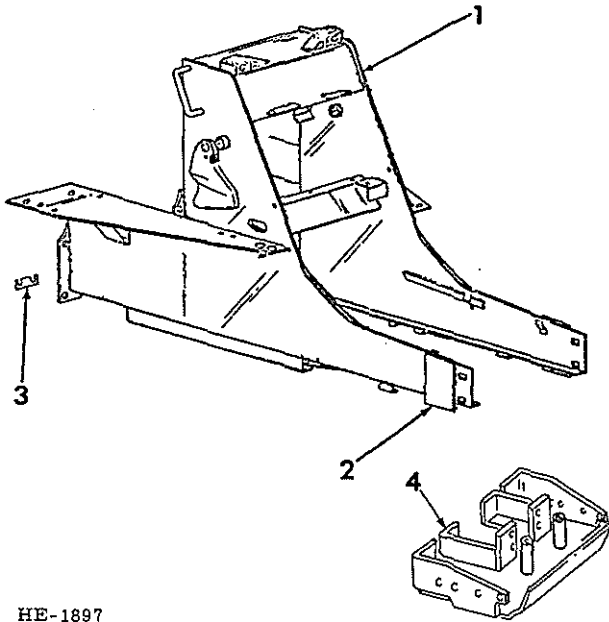
FRAME

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SECTION 09

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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MAIN FRAME - GRADER TRACTOR



HE-1897

1	852 485 C91	FRAME ASSY, GRADER TRACTOR -INCLUDES 2-850 015 C1 BARS
2	850 015 C1	BAR, C FRAME RUB -2- WELDED
3	850 172 C1	SHIM, REAR MOUNTING - .01 -2- USE AS REQD
	271 547	BOLT, 5/8-11 X 1-1/2 HEX-HD -8-
4	852 081 C1	BOLSTER, FRONT - NOT BACKHOE TRACTOR
4	852 082 C1	BOLSTER, FRONT - USE WITH BACKHOE TRACTOR
	271 547	BOLT, 5/8-11 X 1-1/2 HEX-HD -8-
	124 589	NUT, 5/8-11 HEX -4-
	69 278 H	WASHER, .656 X 1.500 X .156 -4-



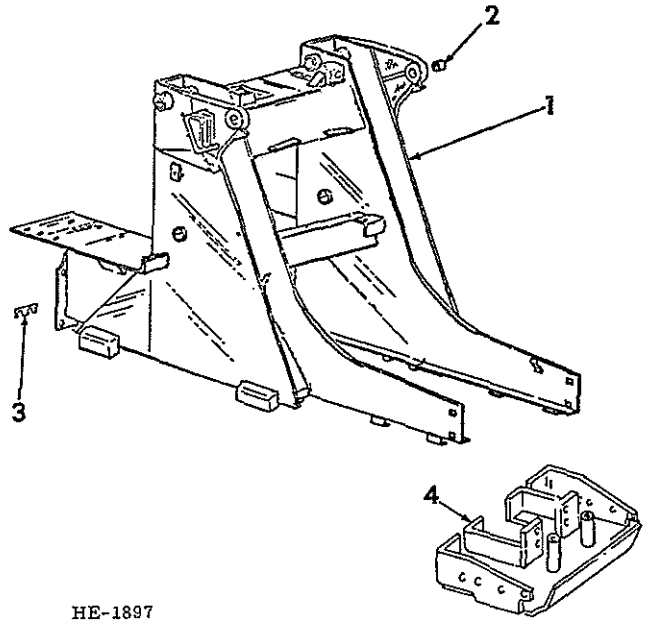
FRAME

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SECTION 09

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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MAIN FRAME - LOADER TRACTOR



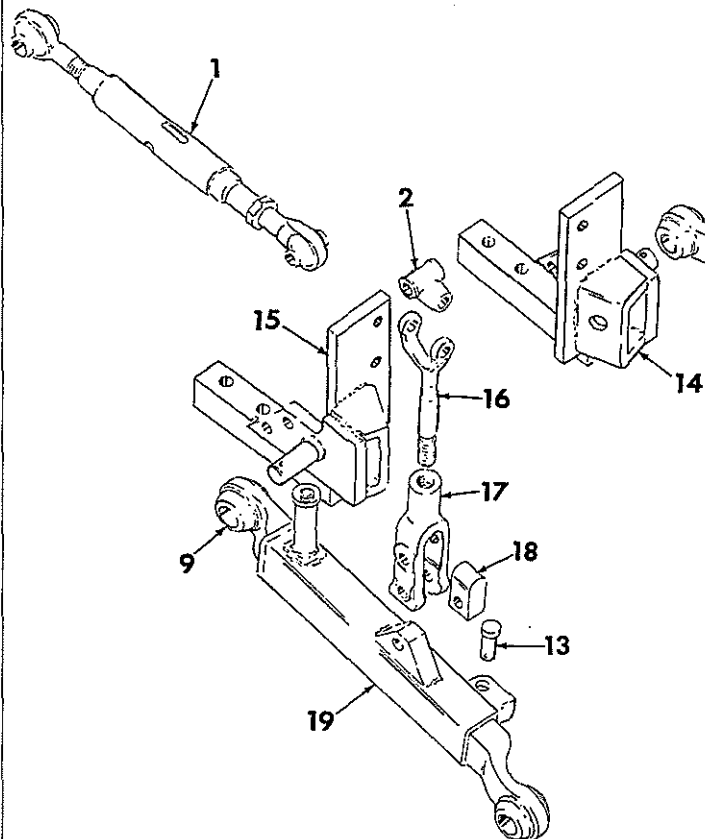
HE-1897

1	852 331 C91	FRAME ASSY, LOADER TRACTOR INCLUDES 4 BUSHINGS 378 478 R1 FITTING, 1/8-27 SPECIAL DRIVE -2-
2	378 478 R1	BUSHING, TILT CYLINDER PIN -4-
3	850 172 C1	SHIM, REAR MOUNTING - .01 -2- USE AS REQD
	271 547	BOLT, 5/8-11 X 1-1/2 HEX-HD -8-
4	852 081 C1	BOLSTER, FRONT - NOT BACKHOE TRACTOR
4	852 082 C1	BOLSTER, FRONT - USE WITH BACKHOE TRACTOR
	271 547	BOLT, 5/8-11 X 1-1/2 HEX-HD -8-
	124 589	NUT, 5/8-11 HEX -4-
	69 278 H	WASHER, .656 X 1.500 X .156 -4-



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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THREE POINT HITCH LINKAGE

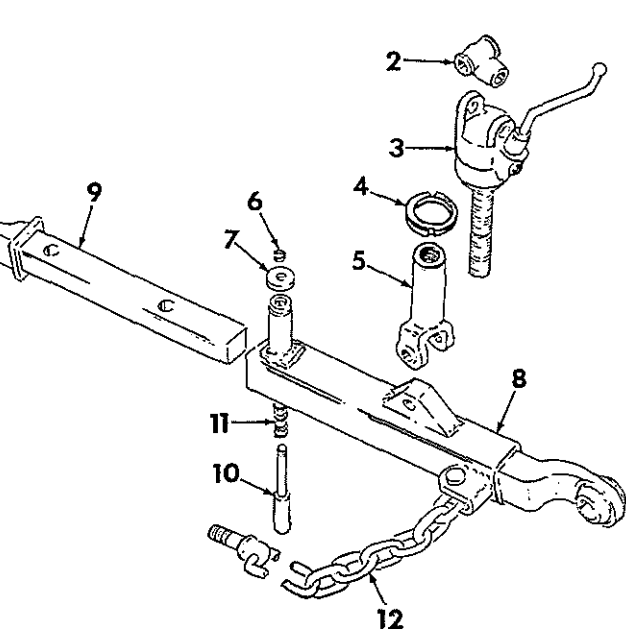


1	704 176 R94	LINK ASSY, TELESCOPING TOP FOR COMPS SEE SEPARATE LISTING
2	635 433 R2	SWIVEL, LEVELLING ROD -2-
3	044 309 R1	SPECIAL PIN -3-
3	069 069 R1	SPECIAL PIN
	520 175 R1	Q.A. C-PIN
	103 407	PIN, 3/16 X 1 COTTER -2-
3	069 056 R93	ROD ASSY, LEVELLING LIFT FOR COMPS SEE SEPARATE LISTING
4	3 069 065 R1	NUT, RETAINING BEARING LOCK
5	676 128 R1	YOKE, LEVELLING ROD
	676 207 R1	PIN, YOKE TO LOWER LINK RH
	103 407	PIN, 3/16 X 1 COTTER
6	370 290 R1	RING, LATCH PIN RETAINING -2-
7	374 121 R1	WASHER, LATCH HANDLE -2-
8	850 852 C1	LINK ASSY, LOWER RH
9	374 122 R11	LINK ASSY, LOWER -2-
	11 484 R	SPACER, LONG BUSHING -2
	380 583 R1	BUSHING, LOWER LINK - SHORT -2-
	380 584 R1	BUSHING, LOWER LINK - LONG -2-
	517 758 R91	PIN ASSY, IMPLEMENT COT -2-
10	374 282 R1	PIN, LATCH -2-
11	127 830 H	SPRING, LATCH -2-



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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THREE POINT HITCH LINKAGE -CONTINUED



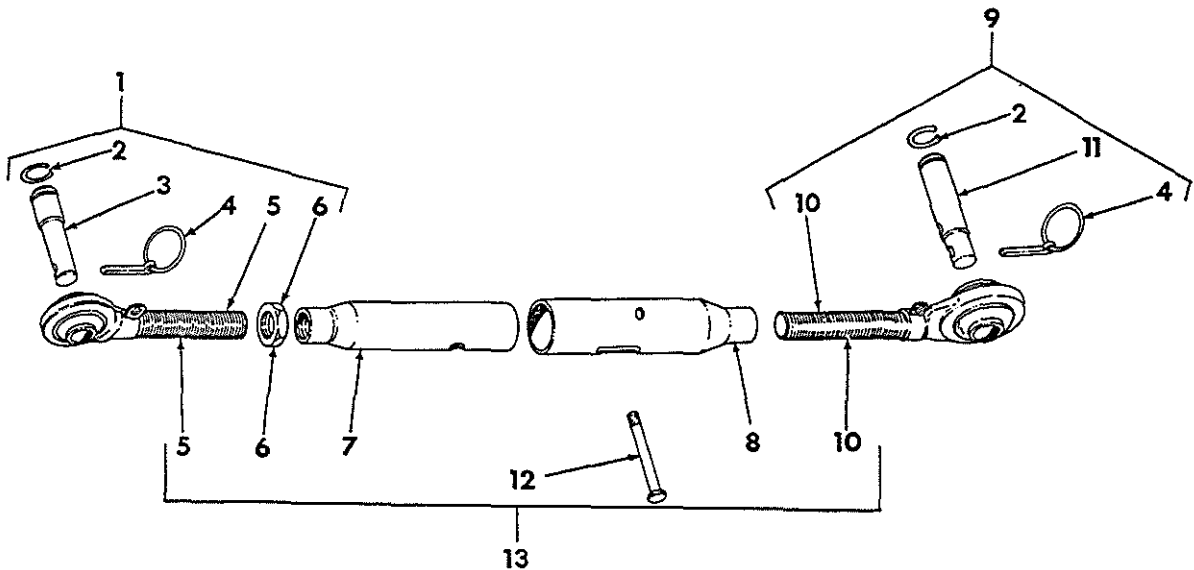
HE-676A

12	850 853 C1	CHAIN ASSY, CHECK -2-
	21 211 R1	WASHER, .780 X 1.500 X .180 FLAT -2-
	21 220 R1	WASHER, .901 X 1.250 X .105 FLAT -2-
	427 637	NUT, 3/4-10 HEX SLT -2-
	143 222	PIN, 7/64 X 1-1/2 COTTER -2-
13	21 849 R1	PIN, 5/8 X 2-1/8 HEADED -OLD-C-Z -2-
	103 408	PIN, 3/16 X 1-1/4 COTTER -2-
14	677 906 R2	PIVOT ASSY, LOWER LINK RH
15	677 905 R2	PIVOT ASSY, LOWER LINK LH
	677 914 R1	BAR, PIVOT SHIM .06 -2-
	271 548	BOLT, 5/8-11 X 1-3/4 HEX-HD -4-
	271 727	BOLT, 5/8-11 X 3 HEX-HD -4-
	271 728	BOLT, 5/8-11 X 2-1/4 -4-
	589 068 R1	WASHER, .656 X 1.250 X .105 FLAT
	517 758 R91	PIN ASSY, IMPLEMENT COT -2-
16	677 903 R1	ROD ASSY, LIFT
17	676 205 R1	YOKE, LIFT ROD
	676 207 R1	PIN, YOKE TO LOWER LINK
	103 407	PIN, 3/16 X 1 COTTER
18	374 283 R1	BLOCK, LIFT ROD FLOAT
	522 855 R1	PIN, FLOAT BLOCK TO YOKE
	520 175 R1	Q.A. C-PIN
19	850 851 C1	LINK ASSY, LOWER LH



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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THREE POINT HITCH TELESCOPING TOP LINK



HE 688

1	709 307 R92	EYEBOLT ASSY, TOP LINK - CAT. I- -CONSISTS OF REF NOS 2,3,4,5 AND 6
2	3 074 763 R1	RING, PIN RET.
3	3 074 755 R1	PIN, TOPLING -CAT. I-
4	517 758 R91	PIN ASSY, IMPLEMENT COTTER
5	704 178 R21	EYEBOLT ASSY -CAT. 1-
6	426 899	NUT, NO. 1 C-Z HEX JAM
7	704 180 R1	LINK, TOP -CAT. 1-
8	704 179 R1	LINK, TOP -CAT. 11-
9	709 308 R92	EYEBOLT ASSY, TOP LINK -CAT. II- -CONSISTS OF REF NOS 2,4,10 AND 11
10	704 177 R21	EYEBOLT ASSY - CAT. 11-
11	3 074 756 R1	PIN, TOP LINK -CAT. II-
12	19 952 R1 120 378	BOLT, 1/2-13 X 7 C-Z HEX-HD NUT, 1/2-13 C-Z HEX -2-
13	704 176 R94	LINK ASSY, TELESCOPING TOP -CONSISTS OF REF NOS 5,6,7,8,10, AND 12-



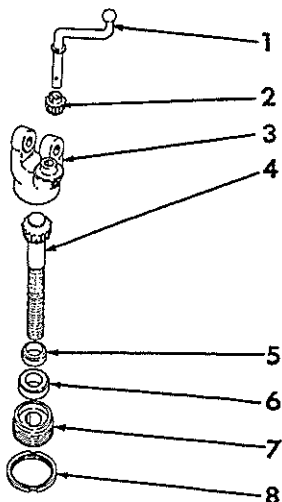
REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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THREE POINT HITCH TELESCOPING TOP LINK -CONTINUED



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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THREE POINT LEVELLING LIFT ROD



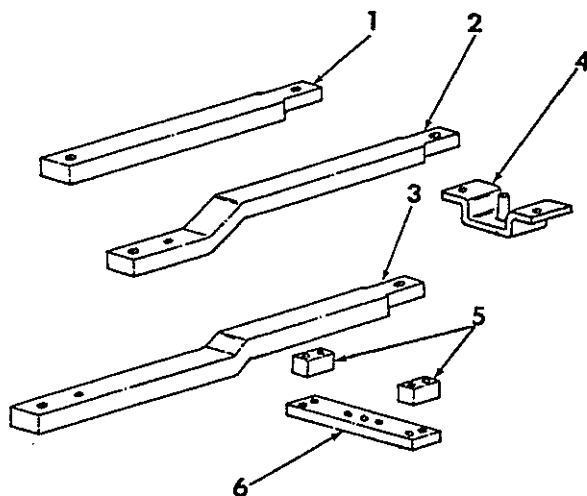
HE-679A

3	069 056 R93	LEVELLING LIFT ROD ASSY -CONSISTS OF
1	3 069 062 R2	CRANK, CONTROL
2	3 069 063 R1 142 506	PINION, LEVELLING ROD PIN
3	3 069 057 R2 109 461	BOX, LEVELLING GEAR FITTING, 1/8 PT LUB
4	3 105 188 R1	ROD & GEAR, LEVELLING
5	3 105 187 R1	COLLAR, LEVELLING LIFT ROD
6	3 044 346 R91	BEARING, LEVELLING ROD BALL
7	3 069 064 R1	BEARING, LEVELLING ROD RETAINING
8	3 069 065 R1	NUT, RETAINING BEARING LOCK



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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DRAWBAR ATTACHMENTS



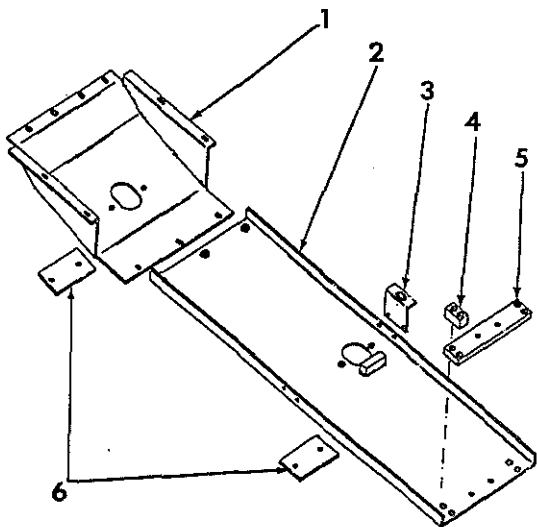
HE 673

1	677 639 R1	DRAWBAR, SWINGING - FOR USE W/TRACTOR W/O POWER TAKE-OFF, REAR COUNTERWEIGHTS, RIPPER OR BACKHOE
2	677 643 R1	DRAWBAR, SWINGING - HEAVY DUTY-FOR USE W/TRACTOR LESS 540 RPM POWER TAKE-OFF, LESS RIPPER OR BACKHOE
3	677 641 R1	DRAWBAR, SWINGING - FOR USE W/TRACTOR W/540 RPM POWER TAKE-OFF LESS RIPPER OR BACKHOE
4	635 275 R11 271 547 180 179	BRACKET ASSY, DRAWBAR PIVOT BOLT, 5/8-11 X 1-1/2 HEX-HD -2- BOLT, 1/2-13 X 1-3/4 HEX-HD -2-
	120 378	SWING STOP BOLTS NUT, 1/2-13 HEX -2-
5	676 943 R1 271 731	BAR, DRAWBAR GUIDE SPACER -2- NOT FOR USE W/3 PT. HITCH BOLT, 5/8-11 X 4 HEX-HD -4-
6	676 942 R1	BAR, DRAWBAR GUIDE



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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GUARDS



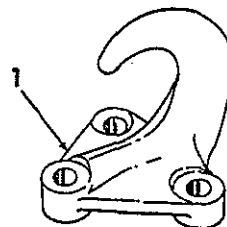
HE-629A

1	676 956 R1	GUARD ASSY, CRANKCASE
	180 171	BOLT, 1/2-13 X 3/4 HEX-HD -4-
	20 601 R1	WASHER, .531 X 1.250 X .105 FLAT -4-
	180 124	BOLT, 3/8-16 X 1-1/4 HEX -4-
	120 382	WASHER, 3/8 LOCK -4-
	614 452 R1	WASHER, .406 X 1.250 X .105 FLAT -4-
2	677 765 R2	GUARD, TRANSMISSION
	180 173	BOLT, 1/2-13 X 1 HEX-HD -3-
3	852 476 C1	ANGLE, GUARD SUPPORT -2-
	180 122	BOLT, 3/8-16 X 1 HEX-HD -4-
	120 377	NUT, 3/8-16 HEX -4-
	120 382	WASHER, 3/8 LOCK -4-
	271 765	BOLT, 3/4-10 X 1-1/4 HEX HD -2-
	131 046	WASHER, 3/4 LOCK -2-
	21 211 R1	WASHER, .781 X 1.500 X .179 FLAT -2-
4	676 943 R1	BAR, DRAWBAR GUIDE SPACER -2- NOT FOR USE W/3 PT. HITCH
5	676 942 R1	BAR, DRAWBAR GUIDE
	271 731	BOLT, 5/8-11 X 4 HEX-HD -4-
6	636 517 R11	COVER, OIL PAN & TRANSMISSION DRAIN -2-
	180 121	BOLT, 3/8-16 X 7/8 HEX-HD -4-
	120 382	WASHER, 3/8 LOCK -4-



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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FRONT TOW HOOK



HE 744

1	77 850 R2	HOOK, FRONT TOW
	180 177	BOLT, 1/2-13 X 1-1/2 HEX-HD -2-
	180 179	BOLT, 1/2-13 X 1-3/4 HEX-HD
	120 378	NUT, 1/2-13 HEX -3-



REF. NO.

PART NUMBER

DESCRIPTION

TC-210

FOR INDEX TO UNITS REFER TO
INTRODUCTION PAGE III



REF. NO.

PART NUMBER

DESCRIPTION

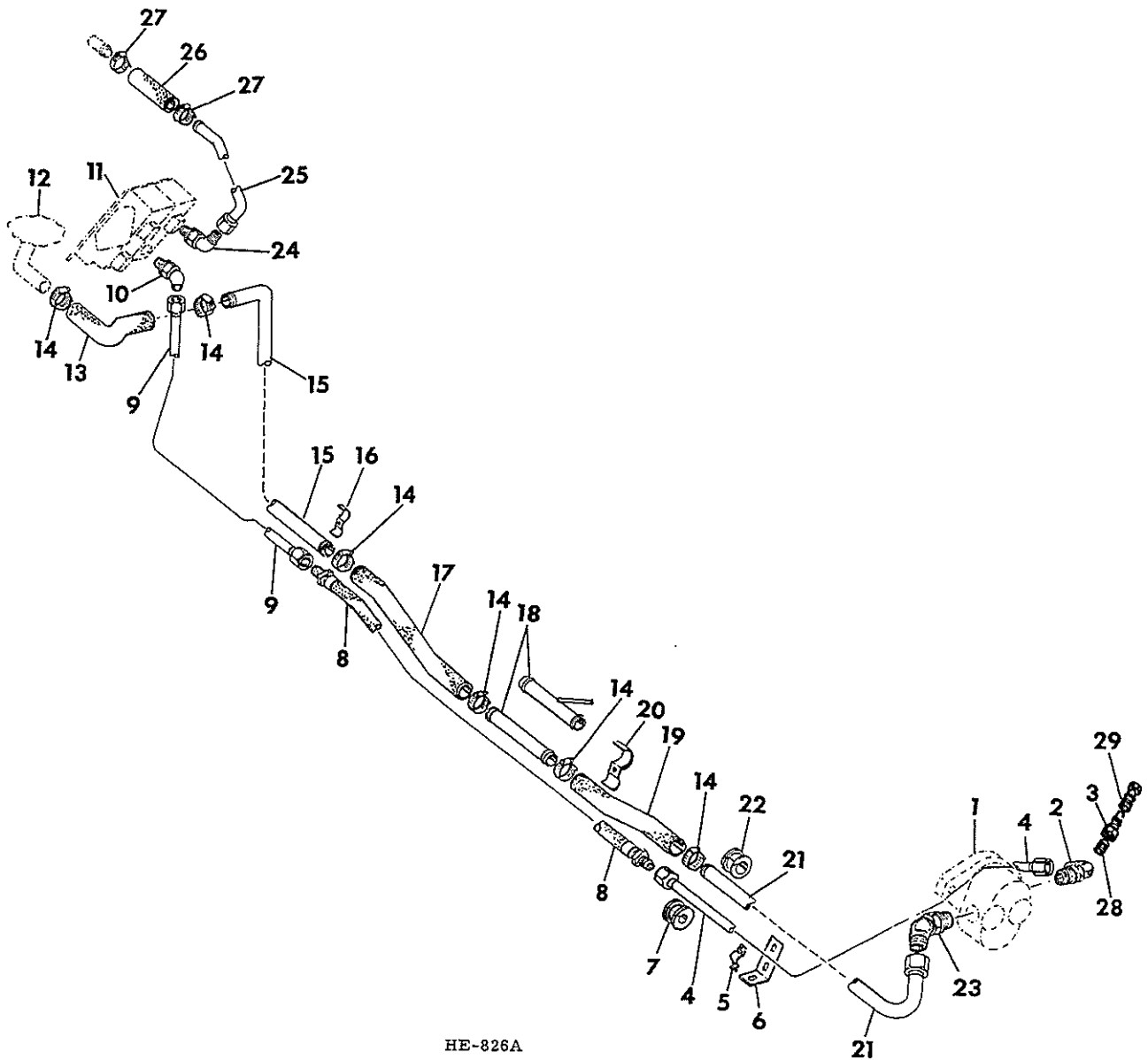
TC-210

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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MAIN HYDRAULIC SYSTEM
NOT FOR TRACTORS WITH BACKHDE

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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MAIN HYDRAULIC SYSTEM -CONTINUED
NOT FOR TRACTORS WITH BACKHOE



HE-826A

HYRAULICS

-3-

SECTION 10

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
		MAIN HYDRAULIC SYSTEM -CONTINUED NOT FOR TRACTORS WITH BACKHOE	
1	677 701 R91	PUMP ASSY, HYDRAULIC 12 GPM	
1	677 702 R91	PUMP ASSY, HYDRAULIC 17 GPM FRONT P.T.O. DRIVEN FOR DRIVE, MOUNTING AND COMPONENTS SEE LISTING - HYDRAULIC PUMP AND DRIVE - THIS SECTION	
2	852 694 C91	ELBOW, 1-1/16-12 37 DEG FLARED TUBE ADJ STR THRD 90 DEG W/NUT & BACK-UP WASHER C-Z	
	297 459 R1	O-RING	
3	342 775 R91	PLUG, QUICK DISCONNECT - MALE FOR CHECKING HYD PRESSURE	
4	677 723 R11	TUBE ASSY, FRONT MAIN PRESSURE	
5	677 727 R1	CLAMP ASSY, FRONT MAIN PRESSURE TUBE	
	180 121	BOLT, 3/8-16 X 7/8 HEX-HD -2-	
	120 382	WASHER, 3/8 LOCK -2-	
6	852 428 C1	SUPPORT, CLAMP	
	271 547	BOLT, 5/8-11 X 1-1/2 HEX-HD	
	124 589	NUT, 5/8-11 HEX	
	464 623 R1	WASHER, .656 X 1.500 X .105 FLAT	
7	677 184 R1	SEAL, TUBE INSULATOR	
8	677 725 R91	HOSE, PRESSURE	
9	852 429 C1	TUBE ASSY, REAR MAIN PRESSURE.	
10	9 411 107	ELBOW, 1-1/16-12 HYD 37 DEG FLARED TUBE ADJ STR THRD 45 DEG W/NUT & BACK-UP WASHER C-Z	
	368 269 R1	O-RING	
11		VALVE, HYDRAULIC CONTROL REFER TO - VALVES - THIS SECTION	
	180 112	BOLT, 5/16-18 X 2-3/4 HEX-HD -3-	
	120 376	NUT, 5/16-18 HEX -3-	
	120 214	WASHER, 5/16 LOCK -3-	
12		RESERVOIR ASSY, HYDRAULIC OIL REFER TO RESERVOIR THIS SECTION	
13	675 741 R3	HOSE, SUCTION - AT RESERVOIR OUTLET	
14	995 219 R1	CLAMP, HOSE -6-	
15	852 325 C1	TUBE, REAR SUCTION	
16	677 718 R1	CLAMP, DUAL TUBE	
	180 073	BOLT, 5/16-18 X 1/2 HEX-HD	
	120 214	WASHER, 5/16 LOCK	
17	635 744 R4	HOSE, CENTRE SUCTION	
18	677 719 R1	TUBE, CENTRE SUCTION FOR USE WITH MANUAL STEERING	
18	852 112 C1	TUBE, CENTRE SUCTION TEE FOR USE WITH POWER STEERING	
19	636 344 R3	HOSE, SUCTION	
20	677 720 R1	CLAMP, DUAL HOSE	
	180 122	BOLT, 3/8-16 X 1 HEX-HD	
	120 377	NUT, 3/8-16 HEX	
	120 382	WASHER, 3/8 LOCK	
21	677 721 R11	TUBE ASSY, FRONT SUCTION	
22	677 171 R1	SEAL, TUBE INSULATOR	
23	9 411 110	ELBOW, 1-5/8-12 HYD 37 DEG FLARED TUBE ADJUSTING STR THRD 45 DEG W/NUT & BACKUP WASHER C-Z	
	307 915 R1	O-RING	

HYRAULICS

-3-

SECTION 10

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
		MAIN HYDRAULIC SYSTEM -CONTINUED NOT FOR TRACTORS WITH BACKHOE	
24	9 410 979	ELBOW, 1-1/16-12 HYD 37 DEG FLARED TUBE ADJ STR THRD 90 DEG W/NUT & BACK-UP WASHER C-Z	
	368 269 R1	O-RING	
25	852 324 C1	TUBE ASSY, MAIN RETURN	
26	530 879 R1	HOSE, MAIN RETURN	
27	995 218 R1	CLAMP, HOSE -2-	
28	105 404	NIPPLE, 1/8 X 3/4 CLOSE PIPE	
29	891 300 C1	PLUG, QUICK DISCONNECT FEMALE FOR CHECKING HYD PRESSURE	



HYRAULICS

-4-

SECTION 10

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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MAIN HYDRAULIC SYSTEM FOR TRACTORS WITH BACKHOE



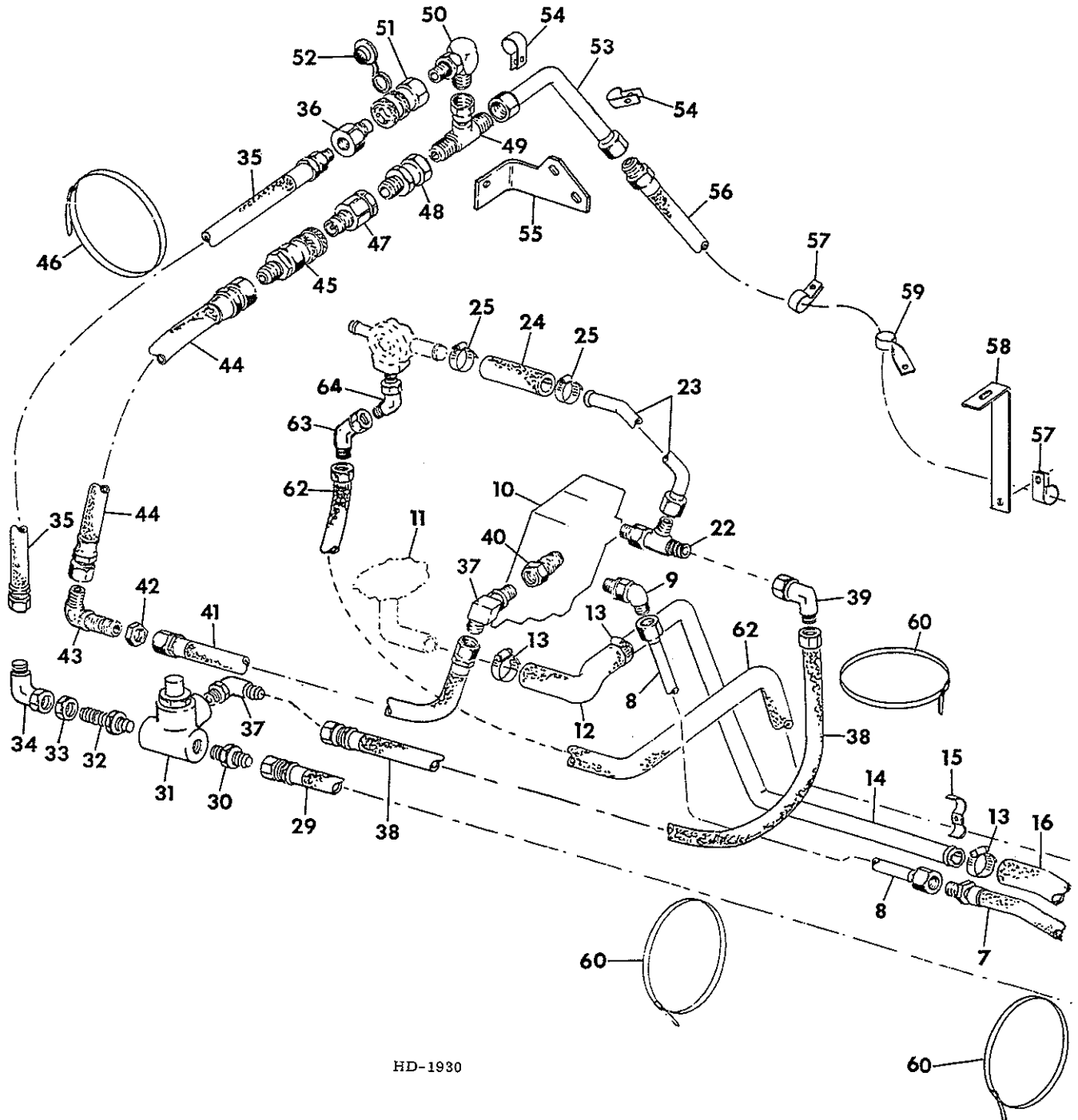
HYRAULICS

-4-

SECTION 10

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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MAIN HYDRAULIC SYSTEM -CONTINUED FOR TRACTORS WITH BACKHOE



HD-1930



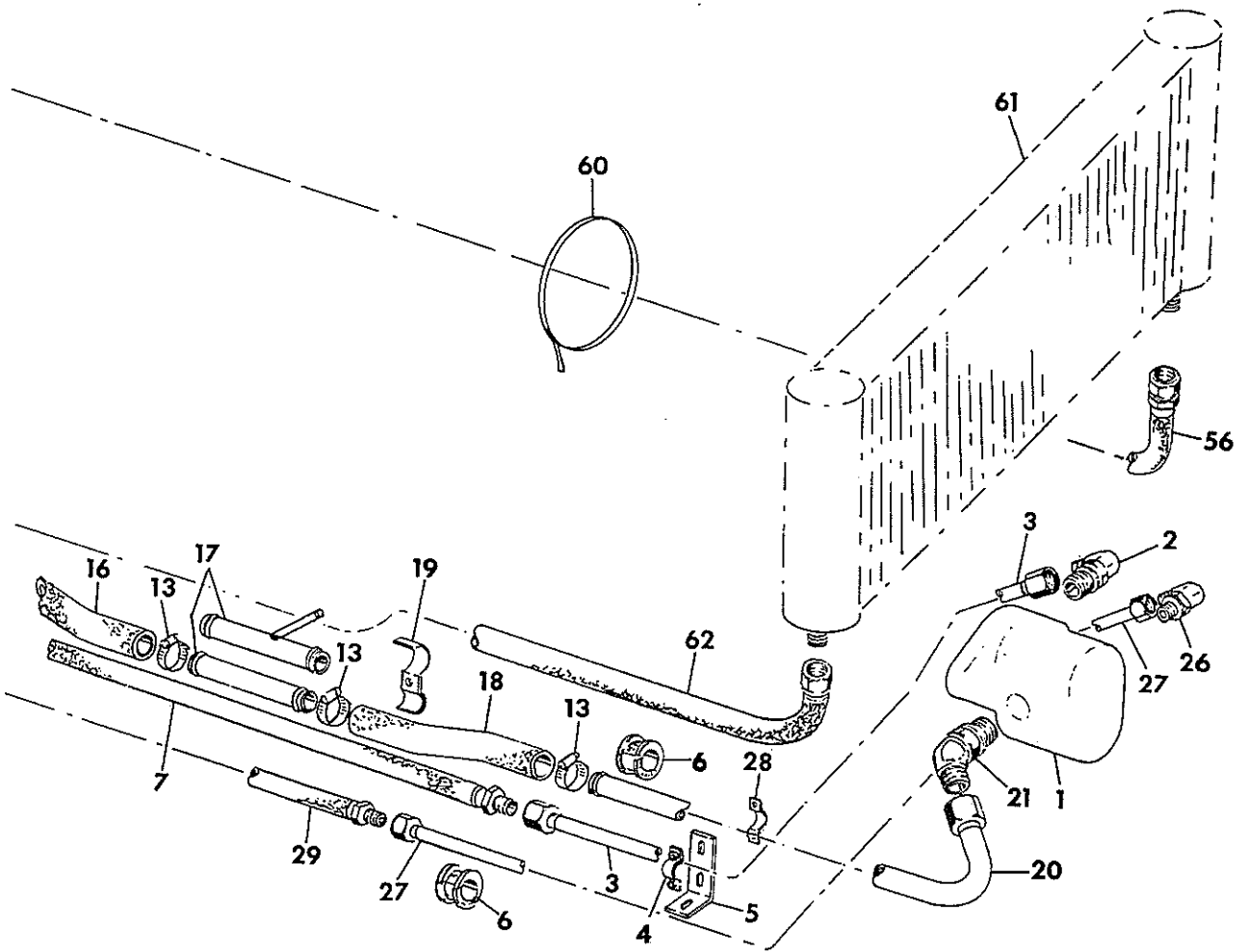
REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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MAIN HYDRAULIC SYSTEM FOR TRACTORS WITH BACKHOE



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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MAIN HYDRAULIC SYSTEM -CONTINUED FOR TRACTORS WITH BACKHOE



HD-1930

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
MAIN HYDRAULIC SYSTEM -CONTINUED FOR TRACTORS WITH BACKHOE			
1	850 358 C92	PUMP ASSY, HYDRAULIC 27 GPM FRONT P.T.O. DRIVEN FOR DRIVE, MOUNTING AND COMPONENTS SEE LISTING - HYDRAULIC PUMP AND DRIVE - THIS SECTION	
2	9 410 979	ELBOW, 1-1/16-12 HYD 37 DEG FLARED TUB ADJ STR THRD 90 DEG W/NUT & BACK-UP WASHER C-Z	
	368 269 R1	O-RING	
3	850 316 C1	TUBE ASSY, FRONT MAIN PRESSURE	
4	677 727 R1	CLAMP ASSY, FRONT MAIN PRESSURE TUBE	
	180 121	BOLT, 3/8-16 X 7/8 HEX-HD -2-	
	120 382	WASHER, 3/8 LOCK -2-	
5	852 428 C1	SUPPORT, CLAMP	
	271 724	BOLT, 5/8-11 X 2-1/4 HEX-HD	
	124 589	NUT, 5/8-11 HEX	
	464 623 R1	WASHER, .656 X 1.500 X .105 FLAT	
6	677 171 R1	SEAL, TUBE INSULATOR -2-	
7	677 725 R91	HOSE, PRESSURE	
8	852 429 C1	TUBE ASSY, REAR MAIN PRESSURE	
9	9 411 107	ELBOW, 1-1/16-12 HYD 37 DEG FLARED TUBE ADJ STR THRD 45 DEG W/NUT & BACK-UP WASHER C-Z	
	368 269 R1	O-RING	
10		VALVE, HYDRAULIC CONTROL REFER TO - VALVES - THIS SECTION	
	180 112	BOLT, 5/16-18 X 2-3/4 HEX-HD -3-	
	120 376	NUT, 5/16-18 HEX -3-	
	120 214	WASHER, 5/16 LOCK -3-	
11		RESERVOIR ASSY, HYDRAULIC OIL REFER TO RESERVOIR THIS SECTION	
12	675 741 R3	HOSE, SUCTION - AT RESERVOIR OUTLET	
13	995 219 R1	CLAMP, HOSE -6-	
14	852 325 C1	TUBE, REAR SUCTION	
15	677 718 R1	CLAMP, DUAL TUBE	
	180 073	BOLT, 5/16-18 X 1/2 HEX-HD	
	120 214	WASHER, 5/16 LOCK	
16	635 744 R4	HOSE, CENTRE SUCTION	
17	677 719 R1	TUBE, CENTRE SUCTION FOR USE WITH MANUAL STEERING	
17	852 112 C1	TUBE, CENTRE SUCTION TEE FOR USE WITH POWER STEERING	
18	636 344 R3	HOSE, SUCTION	
19	677 720 R1	CLAMP, DUAL HOSE	
	180 122	BOLT, 3/8-16 X 1 HEX-HD	
	120 377	NUT, 3/8-16 HEX	
	120 382	WASHER, 3/8 LOCK	
20	677 721 R11	TUBE ASSY, FRONT SUCTION	
21	9 411 110	ELBOW, 1-5/8-12 HYD 37 DEG FLARED TUBE ADJUSTING STR THRD 45 DEG W/NUT & BACKUP WASHER C-Z	
	307 915 R1	O-RING	
22	9 411 133	TEE, 1-1/16-12 HYD 37 DEG FLARED TUBE ADJ STR THRD 90 DEG W/NUT & BACK-UP WASHER C-Z	
	368 269 R1	O-RING	
23	852 324 C1	TUBE ASSY, MAIN RETURN	

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
MAIN HYDRAULIC SYSTEM -CONTINUED FOR TRACTORS WITH BACKHOE			
24	530 879 R1	HOSE, MAIN RETURN	
25	995 218 R1	CLAMP, HOSE -2-	
26	9 410 977	ELBOW, 3/4-16 HYD 37 DEG FLARED TUBE ADJ STR THRD 90 DEG W/NUT & BACK-UP WASHER C-Z	
	570 828 R1	O-RING	
27	850 317 C1	TUBE ASSY, AUXILIARY PRESSURE	
28	850 425 C1	CLAMP, FRONT TUBE	
	180 121	BOLT, 3/8-16 X 7/8 HEX-HD -2-	
	120 382	WASHER, 3/8 LOCK -2-	
29	850 359 C2	HOSE, 10 GPM AUXILIARY PRESSURE FRONT	
30	9 410 204	CONNECTOR, 7/8-14 HYD 37 DEG FLARED TUBE SHORT SWIVEL C-Z	
	364 885 R1	O-RING	
31	850 750 C91	VALVE ASSY, HYDRAULIC RELIEF FOR COMPONENTS SEE LISTING - RELIEF VALVE - THIS SECTION	
32	9 403 256	UNION, 7/8-14 HYD 37 DEG FLARED TUBE BULKHEAD C-Z	
	364 885 R1	O-RING	
33	9 403 295	NUT, 7/8-14 BULKHEAD UNION LOCK C-Z	
34	9 410 282	ELBOW, 7/8-14 HYD 37 DEG FLARED TUBE 90 DEG SWIVEL C-Z	
35	850 427 C91	HOSE, 10 GPM AUXILIARY PRESSURE REAR	
36	395 149 R1	COUPLING ASSY, 7/8-14 HYD MALE	
	364 885 R1	O RING -2-	
37	850 422 C91	ELBOW, 1-1/16-12 HYD 37 DEG FLARED -2- TUBE TO 7/8-14 STR THRD REDUCING 90 DEG W/NUT & BACK-UP WASHER C-Z IN RELIEF VALVE RETURN PORT	
	364 885 R1	O-RING	
38	850 751 C91	HOSE, RELIEF VALVE RETURN	
39	9 410 283	ELBOW, 1-1/16-12 HYD 37 DEG FLARED TUBE 90 DEG SWIVEL C-Z	
40	677 732 R91	SLEEVE ASSY, POWER BEYOND IN VALVE PORT CONSISTS OF- \$1-SLEEVE 1-SEAL KIT 850 366 C91	
41	850 423 C91	HOSE, 17 GPM BACKHOE PRESSURE FRONT	
	364 885 R1	O-RING	
42	9 403 296	NUT, 1-1/16-12 BULKHEAD UNION LOCK C-Z	
43	850 424 C1	ELBOW, 1-1/16-12 HYD 37 FLARED TUBE BULKHEAD UNION 90 C-Z	
44	850 426 C91	HOSE, 17 GPM BACKHOE PRESSURE REAR	
45	480 744 R91	COUPLING, 1-5/16-12 HYD FEMALE	
	296 247 R1	O-RING	
46	816 502 C1	STRAP, HYDRAULIC HOSE TIE	
47	480 743 R91	COUPLING ASSY, 1-5/16-12 HYD MALE FOR BACKHOE RETURN	
	296 247 R1	O-RING	
48	481 766 R1	ADAPTOR, 1-5/16-12 HYD TUBE	
49	9 410 311	TEE, 1-5/16-12 HYD 37 FLARED TUBE SWIVEL C-Z	



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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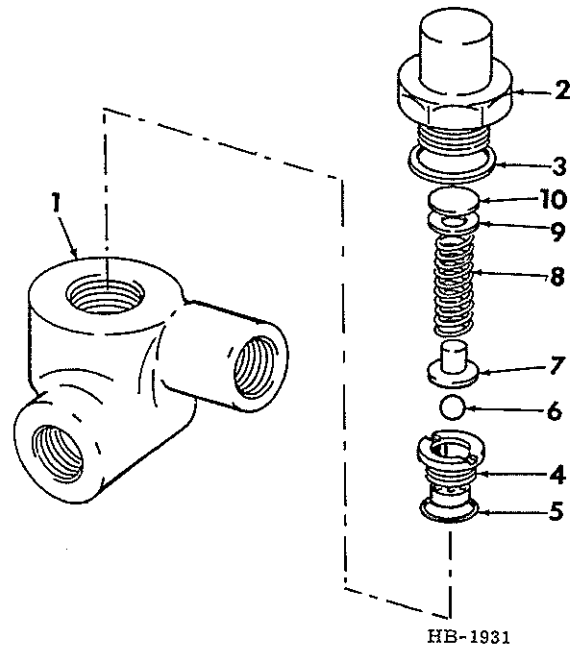
MAIN HYDRAULIC SYSTEM -CONTINUED
FOR TRACTORS WITH BACKHOE

50	850 428 C91	ELBOW, 1-5/16-12 HYD 37 FLARED TUBE TO 7/8-14 STR THRD REDUCING 90 W/NUT & BACKUP WASHER C-Z	
51	395 150 R91	COUPLING ASSY, 7/8-14 HYD FEMALE ON ELBOW FOR 10 GPM PRESSURE HOSE WHEN BACKHOE DISCONNECTED	
52	373 220 R1	CAP, COUPLING DUST -2-	
53	850 394 C11	TUBE ASSY, RETURN	
54	850 396 C1 180 173 120 378	CLAMP, RETURN TUBE -2- BOLT, 1/2-13 X 1 HEX-HD FOR REAR CLAMP NUT, 1/2-13 HEX	
55	850 395 C1	SUPPORT, RETURN TUBE CLAMP	
56	852 730 C91	HOSE, RETURN	
57	850 406 C1 180 171 120 378	CLAMP, RETURN HOSE -2- BOLT, 1/2-13 X 3/4 HEX-HD FOR FRONT CLAMP NUT, 1/2-13 HEX	
58	850 404 C1	SUPPORT, RETURN HOSE CLAMP	
59	850 450 C2	CLAMP, RETURN HOSE INTERMEDIATE	
60	306 132 C1	STRAP, HOSE TIE -4-	
61	850 378 C91 180 120 120 382 20 803 R1	COOLER ASSY, HYDRAULIC OIL BOLT, 3/8-16 X 3/4 HEX-HD -4- WASHER, 3/8 LOCK -4- WASHER, .406 X 1.000 X .105 FLAT -4-	
62	850 417 C91	HOSE, RETURN	
63	9 410 259	ELBOW, 1-5/16-12 HYD 37 DEG FLARED TUBE 45 DEG SWIVEL C-Z	
64	9 411 109 296 247 R1 481 805 R91	ELBOW, 1-5/16-12 HYD 37 FLARED TUBE ADJ STR THRD 45 DEG W/NUT & BACK-UP WASHER C-Z O-RING KIT, COUPLING SERVICE FOR COUPLINGS 480 743 R91 AND 480 744 R91 CONSISTS OF \$1-SEAL \$4-O RING \$1-RING	
	850 366 C91	KIT, POWER BEYOND SLEEVE SEAL CONSISTS OF- \$1-O RING 383 024 R1 \$1-O RING 297 459 R1 \$1-WASHER 850 155 C1	



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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HYDRAULIC RELIEF VALVE



850 750 C91 VALVE ASSY, RELIEF
FOR USE WITH BACKHOE
CONSISTS OF ALL PARTS LISTED

1		HOUSING, VALVE NOT SERVICED SEPARATELY ORDER COMPLETE VALVE ASSY	
2	380 363 R1	BODY, RELIEF	
3	663 029 R1	GASKET, BODY	
4	380 362 R1	SEAT, RELIEF	
5	570 828 R1	O RING	
6	16 014 R1	BALL, RELIEF	
7	387 135 R1	SPACER, SPRING	
8	380 364 R1	SPRING, HP RELIEF	
9	635 788 R1	SPACER, WASHER	
10	380 365 R1	SPACER, SPRING	

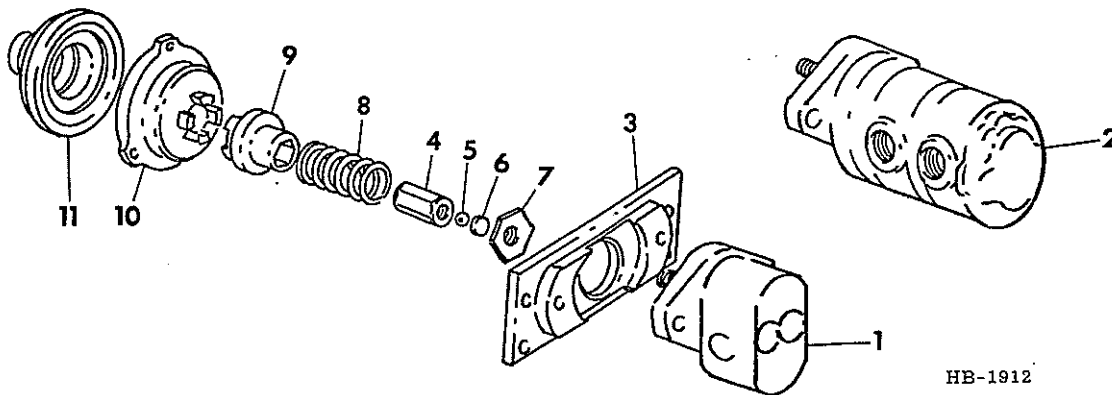


HYRAULICS

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SECTION 10

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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HYDRAULIC PUMP AND DRIVE
FRONT P.T.O. DRIVEN

HB-1912

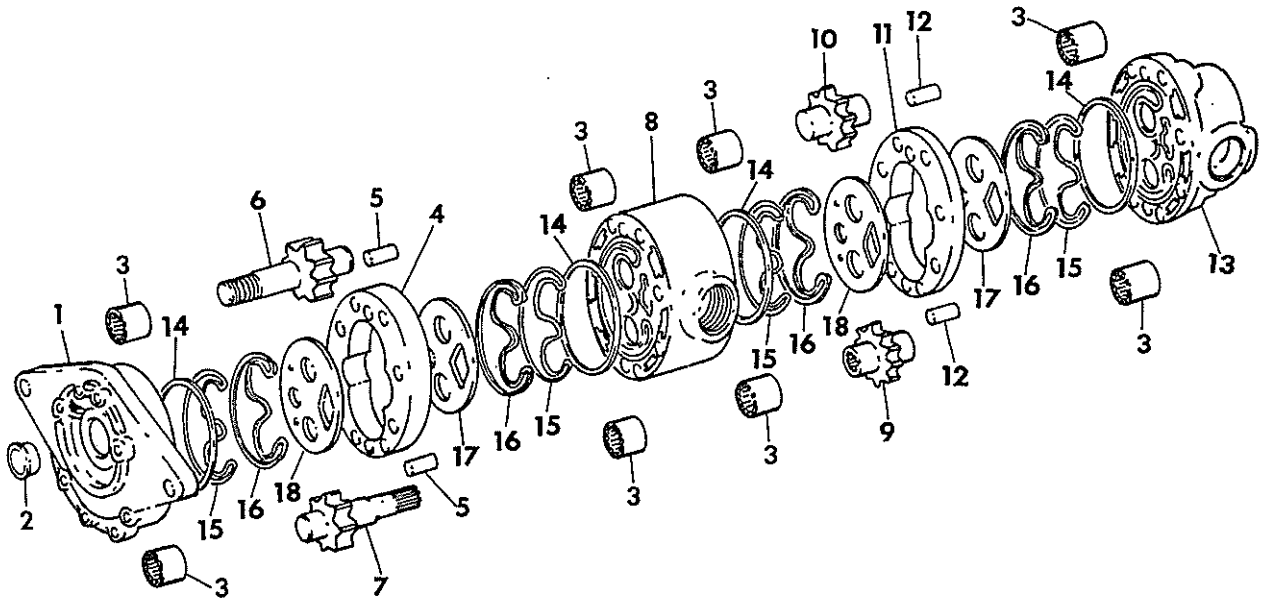
1	677 701 R91	PUMP ASSY, 12 GPM HYDRAULIC
1	677 702 R91	PUMP ASSY, 17 GPM HYDRAULIC NOT FOR TRACTORS WITH BACKHOE COMPONENTS NOT SERVICED SEPARATELY EXCEPT FOR SEAL KIT & OIL SEAL LISTED BELOW
	180 173	BOLT, 1/2-13 X 2-1/4 HEX-HD -2-
	120 378	NUT, 1/2-13 HEX -2-
	120 384	WASHER, 1/2 LOCK -2-
2	850 358 C92	PUMP ASSY, 27 GPM HYDRAULIC FOR TRACTORS WITH BACKHOE FOR COMPONENTS SEE LISTING -HYDRAULIC PUMP- THIS SECTION
	180 188	BOLT, 1/2-13 X 2-3/4 HEX-HD -2-
	120 378	NUT, 1/2-13-HEX -2-
	120 384	WASHER, 1/2 LOCK -2-
3	677 704 R1	BAR, PUMP MOUNTING NOT FOR TRACTORS WITH BACKHOE
3	850 313 C1	BAR ASSY, PUMP MOUNTING FOR TRACTORS WITH BACKHOE
	180 177	BOLT, 1/2-13 X 1-1/2 HEX-HD -4-
	120 384	WASHER, 1/2 LOCK -4-
	607 895 R1	WASHER, .531 X 1.000 X .105 FLAT -8-
4	677 705 R2	EXTENSION, PUMP SHAFT NOT FOR TRACTORS WITH BACKHOE
4	850 360 C1	EXTENSION, PUMP SHAFT FOR TRACTORS WITH BACKHOE
5	17 024 R1	BALL, EXTENSION SPACER
6	850 353 C1	BAR, SPACER BALL
7	677 707 R1	NUT, SPRING BACK-UP
8	677 706 R1	SPRING, PUMP DRIVE CLUTCH
9	850 361 C1	CLUTCH, PUMP DRIVE FRONT
10	677 712 R1	CLUTCH, PUMP DRIVE REAR
	180 120	BOLT, 3/8-16 X 3/4 HEX-HD -3-
	120 382	WASHER, 3/8 LOCK -3-
11	3 132 415 R1	PULLEY, FAN DRIVE ON ENGINE CRANKSHAFT

850 153 C91	KIT, HYDRAULIC PUMP SEAL SERVICE FOR 12 & 17 GPM HYDRAULIC PUMPS CONSISTS OF-
	\$1-PLATE
	1-OIL SEAL 391 251 R91
	\$4-WEBS
850 447 C92	KIT, HYDRAULIC PUMP SEAL SERVICE FOR 27 GPM HYDRAULIC PUMP CONSISTS OF-
	1 OIL SEAL 924 376 C1
	\$4 SEAL RING 927 929 C1
	\$4 LOAD SEAL 927 930 C1
	\$4 PRELOAD SEAL 927 931 C1



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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HYDRAULIC PUMP
27 GPM FRONT PTO DRIVEN



HE-1860

	850 358 C92	PUMP ASSY, 27 GPM HYDRAULIC CONSISTS OF ALL PARTS LISTED
1	850 860 C91	BODY ASSY, PUMP INCLUDES 1-924 376 C1 OIL SEAL AND 2-142 928 H BEARING
	20 903 R1	BOLT, 3/8-16 X 5-1/4 HEX-HD -8-
	923 467 C1	WASHER, BOLT LOCK -8-
2	924 376 C1	SEAL, OIL
3	142 928 H	BEARING, NEEDLE -8-
4	924 088 C1	PLATE, GEAR PRIMARY SECTION
5	924 089 C1	PIN, PRIMARY SECTION DOWEL -2-
6	850 864 C1	SHAFT ASSY, DRIVE W/GEAR PRIMARY DRIVE
7	850 866 C1	SHAFT ASSY, DRIVE W/GEAR SECONDARY DRIVE
8	850 861 C91	PLATE ASSY, BEARING INCLUDES 4-142 928 H BEARING
9	850 868 C1	GEAR, SECONDARY DRIVE
10	850 870 C1	GEAR, SECONDARY IDLER
11	850 874 C1	PLATE, GEAR SECONDARY SECTION
12	850 876 C1	PIN, SECONDARY SECT. DOWEL -2-
13	850 862 C91	COVER ASSY, PUMP INCLUDES 2-142 928 H BEARING
14	927 929 C1	RING, SEAL -4- NOT SERVICED SEPARATELY ORDER SERVICE KIT 850 447 C92



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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HYDRAULIC PUMP -CONTINUED
27 GPM FRONT PTO DRIVEN

15	927 931 C1	SEAL, PRELOAD -4- NOT SERVICED SEPARATELY ORDER SERVICE KIT 850 447 C92
16	927 930 C1	SEAL, LOAD -4- NOT SERVICED SEPARATELY ORDER SERVICE KIT 850 447 C92
17	924 090 C1	PLATE, WEAR -2-
18	924 091 C1	PLATE, WEAR -2-
	850 447 C92	KIT, HYDRAULIC PUMP SEAL SERVICE FOR 27 GPM HYDRAULIC PUMP CONSISTS OF- 1 OIL SEAL 924 376 C1 \$4 SEAL RING 927 929 C1 \$4 LOAD SEAL 927 930 C1 \$4 PRELOAD SEAL 927 931 C1



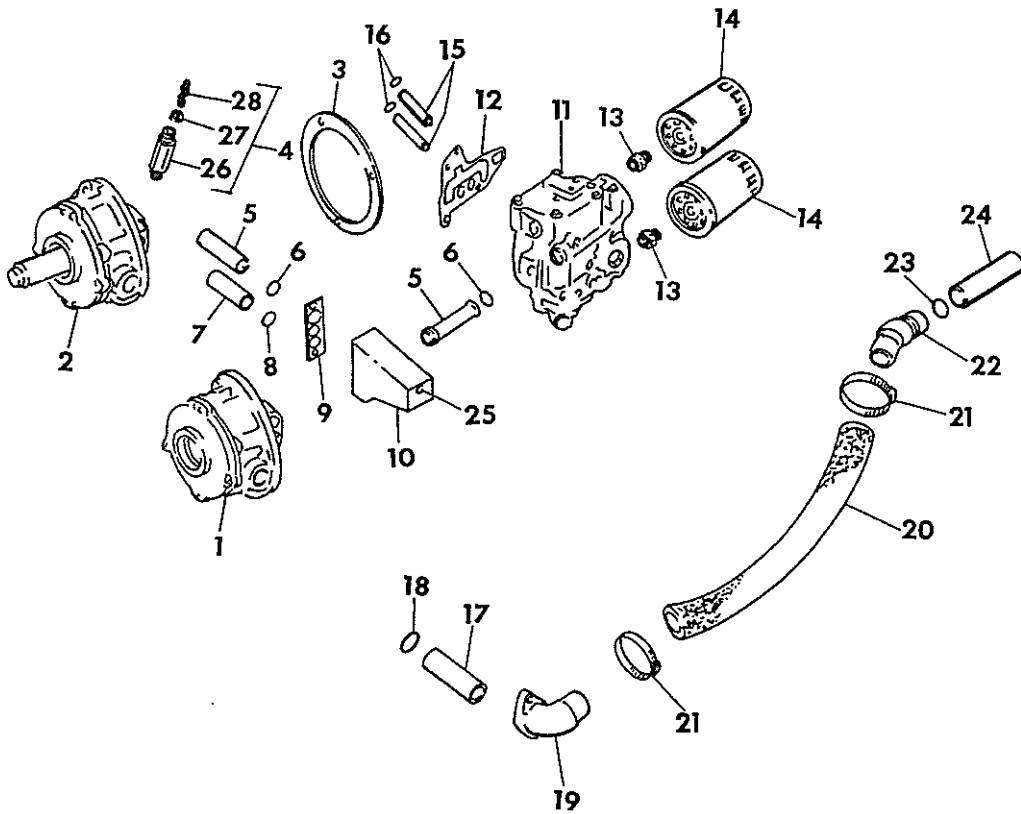
REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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REVERSER TRANSMISSION HYDRAULIC SYSTEM



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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REVERSER TRANSMISSION HYDRAULIC SYSTEM -CONTINUED



HB-1917

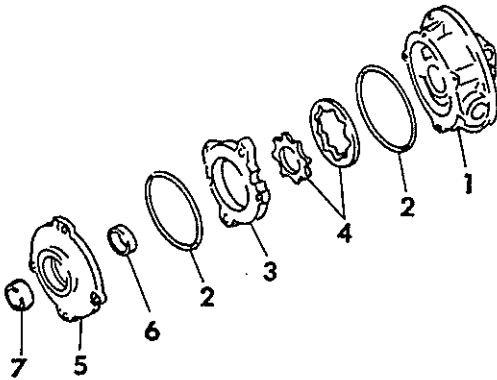
REF. NO.	PART NUMBER	DESCRIPTION	TC-210
REVERSER TRANSMISSION HYDRAULIC SYSTEM -CONTINUED			
1	852 679 C91	PUMP ASSY, REVERSER W/GEAR SET FOR HYDRAULIC REVERSER LESS TORQUE CONVERTER FOR COMPONENTS SEE LISTING -REVERSER PUMP- THIS SECTION	
2	850 623 C91	PUMP ASSY, REVERSER W/GEAR SET FOR HYDRAULIC REVERSER WITH TORQUE CONVERTER FOR COMPONENTS SEE LISTING -REVERSER PUMP- THIS SECTION	
	180 124	BOLT, 3/8-16 X 1-1/4 HEX-HD -4-	
	120 382	WASHER, 3/8 LOCK -4-	
3	850 285 C1	GASKET, PUMP MOUNTING	
4	677 036 R91	VALVE ASSY, RELIEF FOR COMPONENTS SEE LISTING -RELIEF VALVE- THIS SECTION	
5	675 566 R1	PIPE, MANIFOLD -2-	
6	610 547 C1	O RING -4-	
7	675 595 R1	PIPE, CONVERTER TO PUMP MANIFOLD OIL COOLER OUTLET FOR HYDRAULIC REVERSER WITH TORQUE CONVERTER	
8	370 920 R1	O RING -2- FOR HYDRAULIC REVERSER WITH TORQUE CONVERTER	
9	675 568 R1	GASKET, MANIFOLD	
10	675 567 R1	MANIFOLD, PUMP OUTLET FOR HYDRAULIC REVERSER LESS TORQUE CONVERTER	
10	677 039 R1	MANIFOLD, PUMP OUTLET FOR HYDRAULIC REVERSER WITH TORQUE CONVERTER	
	180 130	BOLT, 3/8-16 X 2 HEX-HD	
	16 922 R1	BOLT, 3/8-16 X 6-1/4 HEX-HD FOR HYDRAULIC REVERSER LESS TORQUE CONVERTER	
	20 903 R1	BOLT, 3/8-16 X 5-1/4 HEX-HD FOR HYDRAULIC REVERSER WITH TORQUE CONVERTER	
	120 382	WASHER, 3/8 LOCK -2-	
11	677 043 R91	VALVE ASSY, REVERSER CONTROL FOR HYDRAULIC REVERSER LESS TORQUE CONVERTER	
11	677 044 R91	VALVE ASSY, REVERSER CONTROL FOR HYDRAULIC REVERSER WITH TORQUE CONVERTER FOR COMPONENTS SEE LISTING -HYDRAULIC REVERSER CONTROL VALVE- THIS SECTION	
	433 115	BOLT, 3/8-16 X 4-1/4 HEX-HD -2-	
	189 306	BOLT, 3/8-16 X 5 HEX-HD	
	120 382	WASHER, 3/8 LOCK -3-	
12	675 594 R1	GASKET, VALVE MTG	
13	920 068 R1	NIPPLE, OIL FILTER -2-	
14	918 266 R92	FILTER ASSY, OIL -2-	
15	675 595 R1	PIPE, VALVE TO CLUTCH PACK -2-	
16	370 920 R1	O RING -4-	
17	677 042 R1	PIPE, REVERSER PUMP INLET	
18	343 902 R1	O RING -2-	
19	677 041 R1	FLANGE, SUCTION HOSE	
	180 124	BOLT, 3/8-16 X 1-1/4 HEX-HD -2-	
	120 382	WASHER, 3/8 LOCK -2-	
20	675 584 R1	HOSE, REVERSER PUMP SUCTION	

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
REVERSER TRANSMISSION HYDRAULIC SYSTEM -CONTINUED			
21	995 220 R1	CLAMP, HOSE -2-	
22	675 583 R1	ELBOW, SUCTION	
	180 056	BOLT, 5/16-18 X 3/8 HEX-HD	
	120 214	WASHER, 5/16 LOCK	
Q	398	WASHER, .344 X .875 X .054 PLAIN	
23	370 944 R1	O RING	
24	677 040 R91	FILTER ASSY, REVERSER PUMP SUCTION	
25		RELIEF, OIL COOLER FOR HYDRAULIC REVERSER LESS TORQUE CONVERTER REFER TO- OIL COOLER -SECTION 6	
26		BODY, RELIEF VALVE FOR HYDRAULIC REVERSER WITH TORQUE CONVERTER NOT SERVICED SEPARATELY ORDER 677 036 R91 VALVE	
27		PIN, RELIEF VALVE FOR HYDRAULIC REVERSER WITH TORQUE CONVERTER NOT SERVICED SEPARATELY ORDER 677 036 R91 VALVE	
28	850 334 C1	SPRING, VALVE FOR HYDRAULIC REVERSER WITH TORQUE CONVERTER	
	131 402 H	WASHER, .344 X .562 X .054 PLAIN -2- USE AS REQD	
	106 260	WASHER, .250 X .562 X .036 PLAIN USE AS REQD	
	103 386	PIN, 1/8 X 1-1/4 COTTER	
	850 211 C91	PACKAGE, HYDRAULIC REVERSER CONTROL VALVE MTG GASKET & SEAL SERVICE CONSISTS OF-	
		4-O RING	610 547 C1
		1-GASKET	675 568 R1
		6-O RING	370 920 R1
		1-O RING	370 944 R1
		2-O RING	343 902 R1
		1-GASKET	675 594 R1
		1-GASKET	850 285 C1



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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HYDRAULIC REVERSER PUMP
FOR TRACTORS WITHOUT TORQUE CONVERTER



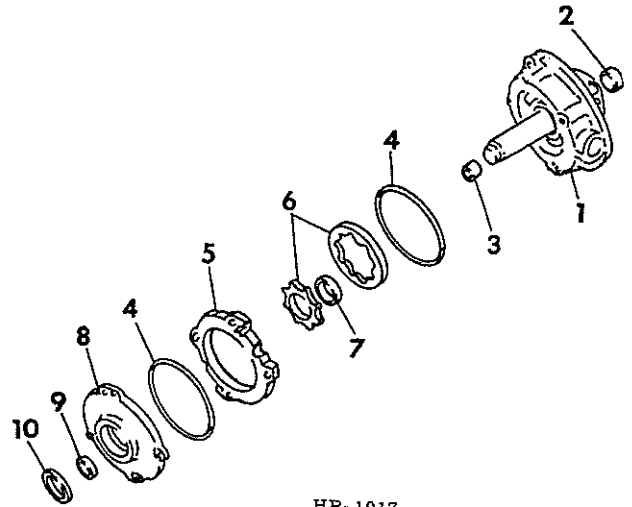
HB-1917

	852 679 C91	PUMP ASSY, HYDRAULIC REVERSER WITH GEAR SET CONSISTS OF ALL PARTS LISTED
1	677 032 R1	HOUSING, REVERSER PUMP
2	252 556 R1	O RING -2-
3	677 033 R11	HOUSING ASSY, GEAR INCLUDES 2-20 138 R1 PINS
	20 138 R1	PIN, 3/8 X 1-1/4 DOWEL -2-
4	675 565 R91	GEAR SET, PUMP
	218 217	KEY, 3/16 X 5/8 WOODRUFF
5	677 034 R11	RETAINER ASSY GEAR INCLUDES 1-677 035 R91 BEARING AND 1-444 688 PLUG
	444 688	PLUG, 1/8-27 NPT HEX-SKT PIPE C-2
	180 126	BOLT, 3/8-16 X 1-1/2 HEX-HD -4-
	120 382	WASHER, 3/8 LOCK -4-
6	677 035 R91	BEARING, DRIVE SHAFT NEEDLE
7	381 907 R91	SEAL, RETAINER OIL OPTIONAL W/850 237 C92
7	850 237 C92	SEAL, RETAINER OIL OPTIONAL W/381 907 R91



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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HYDRAULIC REVERSER PUMP
FOR TRACTORS WITH TORQUE CONVERTER



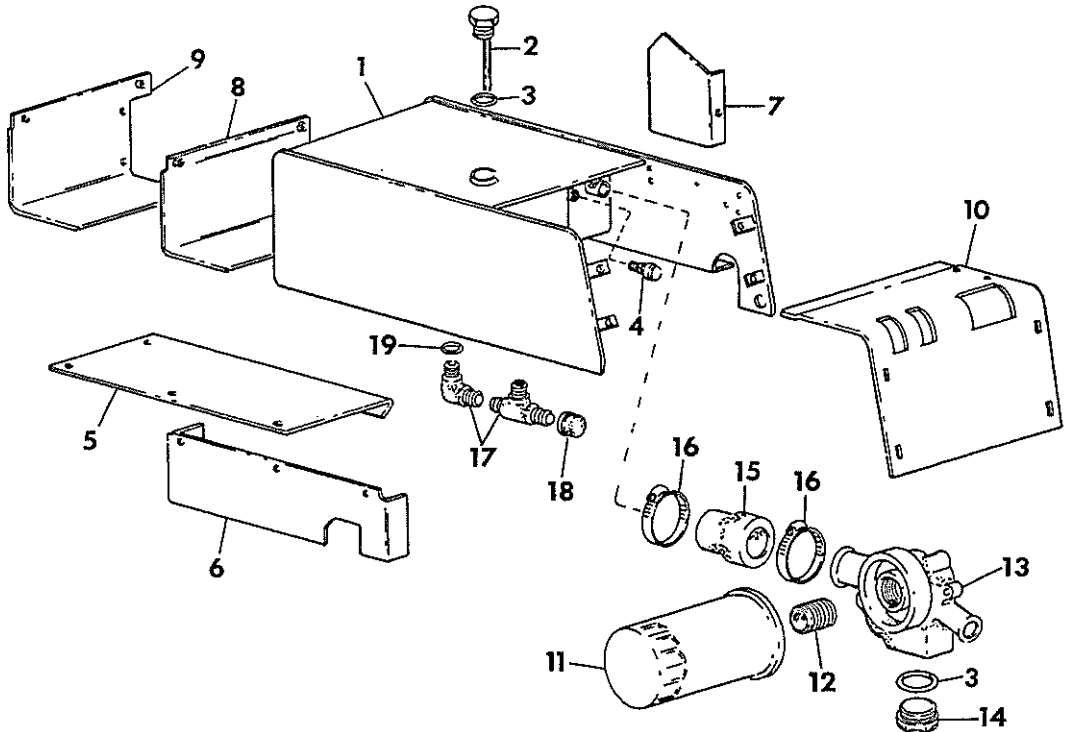
HB-1917

	850 623 C91	PUMP ASSY, HYDRAULIC REVERSER WITH GEAR SET & STATOR TUBE CONSISTS OF ALL PARTS LISTED
1		HOUSING ASSY, PUMP W/ STATOR TUBE NOT SERVICED SEPARATELY ORDER -850 476 C91- HOUSING ASSY
2	850 242 C91	SEAL, DRIVE SHAFT OIL
3	677 024 R1	BUSHING, DRIVE SHAFT
4	252 556 R1	O RING -2-
5	677 025 R11	HOUSING ASSY, GEAR INCLUDES 2-19 892 R1 PINS
	19 892 R1	PIN, 3/8 X 1-1/2 DOWEL -2-
6	677 026 R91	GEAR SET, PUMP W/BUSHING INCLUDES 1-677 028 R1 BUSHING
7	677 028 R1	BUSHING, GEAR SET
8		RETAINER, GEAR NOT SERVICED SEPARATELY ORDER -850 476 C91- HOUSING ASSY
	444 688	PLUG, 1/8-27 C-2 HEX SKT PIPE
	180 128	BOLT, 3/8-16 X 1-3/4 HEX-HD -4-
	120 382	WASHER, 3/8 LOCK -4-
9	677 030 R2	BUSHING, RETAINER
10	850 238 C93	SEAL, RETAINING OIL
	850 476 C91	HOUSING ASSY, REVERSER PUMP CONSISTS OF-
		\$1-HOUSING
		\$1-STATOR TUBE
		1-BUSHING 677 024 R1
		1-BUSHING 677 030 R2
		1-PIPE PLUG 444 688
		1-GEAR HSG 677 025 R11
		\$1-RETAINER
		4-BOLT 180 128
		4-WASHER 120 382



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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HYDRAULIC OIL RESERVOIR AND FILTER



HB-1915

1	852 144 C1	RESERVOIR ASSY, HYDRAULIC OIL NON-INTEGRATED TYPE FOR USE W/ TRACTORS WITH THREE POINT HITCH
1		RESERVOIR ASSY, HYDRAULIC OIL INTEGRATED TYPE-WELDED-NOT FOR USE WITH TRACTORS WITH THREE POINT HITCH REFER TO-FUEL TANK-SECTION 12
	485 734 R1	BOLT, 1/2-13 X 1-1/4 CARRIAGE -2-
	120 378	NUT, 1/2-13 HEX -2-
	180 173	BOLT, 1/2-13 X 1 HEX-HD -4- FOR USE W/ TRACTORS WITH THREE POINT HITCH
	120 384	WASHER, 1/2 LOCK -4-
	20 601 R1	WASHER, .531 X 1.250 X .105 FLAT -4-
2	852 329 C1	GAUGE ASSY, RESERVOIR OIL LEVEL W/FILLER PLUG
3	296 247 R1	O RING -2-
4	27 632 R1	FITTING, RESERVOIR PRESSURE RELIEF IN RESERVOIR
5	677 506 R1	FILLER, RESERVOIR BOTTOM
	180 077	BOLT, 5/16-18 X 3/4 HEX-HD -4-
	120 214	WASHER, 5/16 LOCK -4-
	619 855 R1	WASHER, .344 X .750 X .054 FLAT -4-
6	677 391 R1	FILLER ASSY, RESERVOIR SIDE
	180 077	BOLT, 5/16-18 X 3/4 HEX-HD -2-
	120 214	WASHER, 5/16 LOCK -2-
	619 855 R1	WASHER, .344 X .750 X .054 FLAT -2-
	180 116	BOLT, 3/8-16 X 1/2 HEX-HD -3-
	120 382	WASHER, 3/8 LOCK -3-
7	677 368 R1	FILLER, RH INNER REAR FOR USE W/ TRACTORS WITH THREE POINT HITCH
	180 075	BOLT, 5/16-18 X 5/8 HEX-HD -3-
	120 376	NUT, 5/16-18 HEX -3-
	120 214	WASHER, 5/16 LOCK -3-



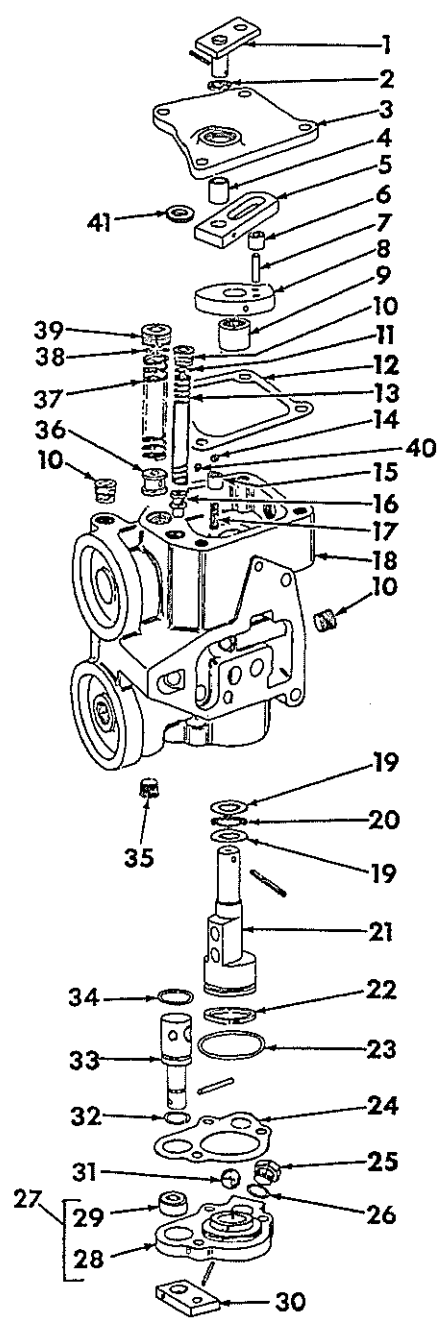
REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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HYDRAULIC OIL RESERVOIR AND FILTER -CONTINUED

8	852 396 C1	FILLER ASSY, REAR RH FOR TRACTORS WITH WINCH OR BOX-TYPE COUNTERWEIGHT
9	852 715 C1	FILLER ASSY, REAR RH FOR TRACTORS WITH REAR EQUIPMENT FRAMES, LOG ARCH, THREE POINT HITCH, RIPPERS OR BACKHOE
	180 075	BOLT, 5/16-18 X 5/8 HEX-HD -3-
	120 214	WASHER, 5/16 LOCK -3-
	619 855 R1	WASHER, .344 X .750 X .056 FLAT
10	852 232 C1	COVER, HYDRAULIC CONTROL VALVE
	180 077	BOLT, 5/16-18 X 3/4 HEX-HD -4-
	120 214	WASHER, 5/16 MED LOCK -4-
	619 855 R1	WASHER, 11/32 X 3/4 X 16 GA FLAT -4-
11	528 250 R1	FILTER, HYDRAULIC OIL
12	402 922 R1	STUD, FILTER MOUNTING
13	852 509 C91	BASE ASSY, FILTER MTG INCLUDES 444 697 PLUG
	444 697	PLUG, 3/8 AUTO-HEX-SKT PIPE C-Z -2-
	180 120	BOLT, 3/8-16 X 3/4 HEX-HD -3-
	120 382	WASHER, 3/8 LOCK -3-
14	9 410 363	PLUG, 1-5/16-12 O RING BOSS C-Z NOT FOR TRACTORS WITH BACKHOE
15	852 323 C1	HOSE, FILTER RETURN
16	995 219 R1	CLAMP, HOSE -2-
17	9 410 977	ELBOW, 3/4-16 HYD 37 DEG FLARED TUBE ADJ STR THRD 90 DEG FOR TRACTORS W/O THREE POINT HITCH
17	9 411 118	TEE, 3/4-16 HYD 37 DEG TUBE ADJ STR THRD W/NUT & BACK-UP WASHER C-Z FOR TRACTORS W/ THREE POINT HITCH
18	9 403 372	CAP, 3/4-16 HYD 37 DEG FLARED FOR TRACTORS W/O POWER STEERING
19	570 828 R1	O RING

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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HYDRAULIC REVERSER CONTROL VALVE



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REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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HYDRAULIC REVERSER CONTROL VALVE -CONTINUED

- 677 043 R91 VALVE ASSY, HYDRAULIC REVERSER CONTROL WITH POWER CONTROL PEDAL SPOOL FOR TRACTORS W/O TORQUE CONVERTER
- 677 044 R91 VALVE ASSY, HYDRAULIC REVERSER CONTROL WITHOUT POWER CONTROL PEDAL SPOOL FOR TRACTORS WITH TORQUE CONVERTER
- 1 677 194 R1 ARM ASSY, VALVE RELAY
- 20 697 R1 PIN, 1/8 X 1 HVY COILED SPRING
- 2 675 682 R91 SEAL, COVER
- 3 677 113 R11 COVER ASSY, VALVE
- INCLUDES 2-304 483 R1- BUSHINGS
- 180 122 BOLT, 3/8-16 X 1 HEX-HD -4-
- 120 382 WASHER, 3/8 LOCK -4-
- 4 304 483 R1 BUSHING, RELAY ARM PIN -2-
- 5 675 577 R1 BAR, RELAY
- 6 675 578 R1 BUSHING, RELAY BAR
- 7 19 947 R1 PIN, 1/4 X 1 DOWEL
- 8 677 197 R1 DISK, VALVE DETENT
- 9 276 574 R91 BEARING, SPOOL
- 10 444 660 PLUG, 3/8-18 AUTO SQ SKT PIPE -3-
- 11 676 088 R1 BLOCK, THIN ADJUSTING
- 11 676 089 R1 BLOCK, THICK ADJUSTING
- 12 675 572 R1 GASKET, VALVE COVER
- 13 850 449 C1 SPRING, LOW PRESSURE
- 14 17 008 R1 BALL, 1/4 STEEL
- 15 675 578 R1 BUSHING, DETENT SPRING
- 16 675 588 R1 PLUNGER, LOW PRESSURE
- 17 677 198 R1 SPRING, DETENT
- 18 BODY, VALVE
- NOT SERVICED SEPARATELY
- ORDER COMPLETE VALVE ASSY
- 19 675 549 R1 RACE, SPOOL THRUST -2-
- 20 324 105 R91 BEARING, SPOOL THRUST
- 21 675 580 R2 SPOOL, VALVE
- 591 184 R1 PIN, 3/16 X 1-1/4 HVY COILED SPRING
- 22 325 059 R1 RING, SPOOL
- 23 364 108 R1 O-RING, COVER
- 24 675 593 R1 GASKET, COVER
- 25 9 410 359 PLUG, 3/4-16 C-2 STR THRD BOSS
- PART OF VALVE ASSY -677 043 R91-
- 26 570 828 R1 O-RING
- PART OF VALVE ASSY -677 043 R91-



HYRAULICS

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SECTION 10

REF. NO. PART NUMBER DESCRIPTION TC-210

HYDRAULIC REVERSER CONTROL VALVE -CONTINUED

27	677 201 R11	COVER ASSY, INCHING SPOOL INCLUDES 1-677 202 R1- BUSHING PART OF VALVE ASSY -677 043 R91-
	18 530 R1	PIN, 1/8 X 1-1/2 SLTD SPRING
	21 241 R1	SCREW, 5/16-18 X 7/8 HEX SKT -3-
	120 214	WASHER, 5/16 LOCK -3-
28	677 203 R1	COVER, SPOOL PART OF VALVE ASSY -677 044 R91-
	21 241 R1	SCREW, 5/16-18 X 7/8 HEX SKT -3-
	120 214	WASHER, 5/16 LOCK -3-
28		COVER, SPOOL PART OF VALVE ASSY -677 043 R91- NOT SERVICED SEPARATELY ORDER COVER ASSY -677 201 R11-
29	677 202 R1	BUSHING, SPOOL GUIDE
30	677 199 R1	ARM, INCHING CONTROL PART OF VALVE ASSY -677 043 R91-
31	17 020 R1	BALL, 5/8 STEEL PART OF VALVE ASSY -677 043 R91-
32	370 920 R1	O-RING PART OF VALVE ASSY -677 043 R91-
33	677 200 R1	SPOOL, INCHING PART OF VALVE ASSY -677 043 R91-
	364 436 R1	PIN, 3/16 X 1 HVY COILED SPRING
34	369 908 R1	O-RING PART OF VALVE ASSY -677 043 R91-
35	445 751	PLUG, 1/2-14 AUTO SQ SKT PIPE
36	675 589 R1	PLUNGER, HIGH PRESSURE
37	676 399 R1	SPRING, HIGH PRESSURE
38	676 087 R1	BLOCK, THIN ADJUSTING
38	676 086 R1	BLOCK, THICK ADJUSTING
39	9 409 949	PLUG, 3/4 SQ SKT PIPE HIGH PRESSURE
40	444 687	PLUG, 1/8-27 AUTO HEX SKT PIPE
41	52 726 R1	WASHER, COVER SPACING
	850 209 C91	SERVICE PKG, VALVE OVERHAUL FOR VALVE ASSY - 677 043 R91 - CONSISTS OF-
		1-SEAL 675 682 R91
		1-GASKET 675 572 R1
		1-PIN 20 697 R1
		1-PIN 591 184 R1
		1-RING 325 059 R1
		1-PIN 364 436 R1
		1-O RING 370 920 R1
		1-O RING 369 908 R1
		1-BALL 17 020 R1
		1-PIN 18 530 R1
		1-O RING 570 828 R1
		1-GASKET 675 593 R1
		1-O RING 364 108 R1
	850 210 C91	SERVICE PKG, VALVE OVERHAUL FOR VALVE ASSY -677 044 R91- CONSISTS OF-
		1-SEAL 675 682 R91
		1-GASKET 675 572 R1
		1-PIN 20 697 R1
		1-PIN 591 184 R1
		1-RING 325 059 R1
		1-GASKET 675 593 R1
		1-O RING 364 108 R1



HYRAULICS

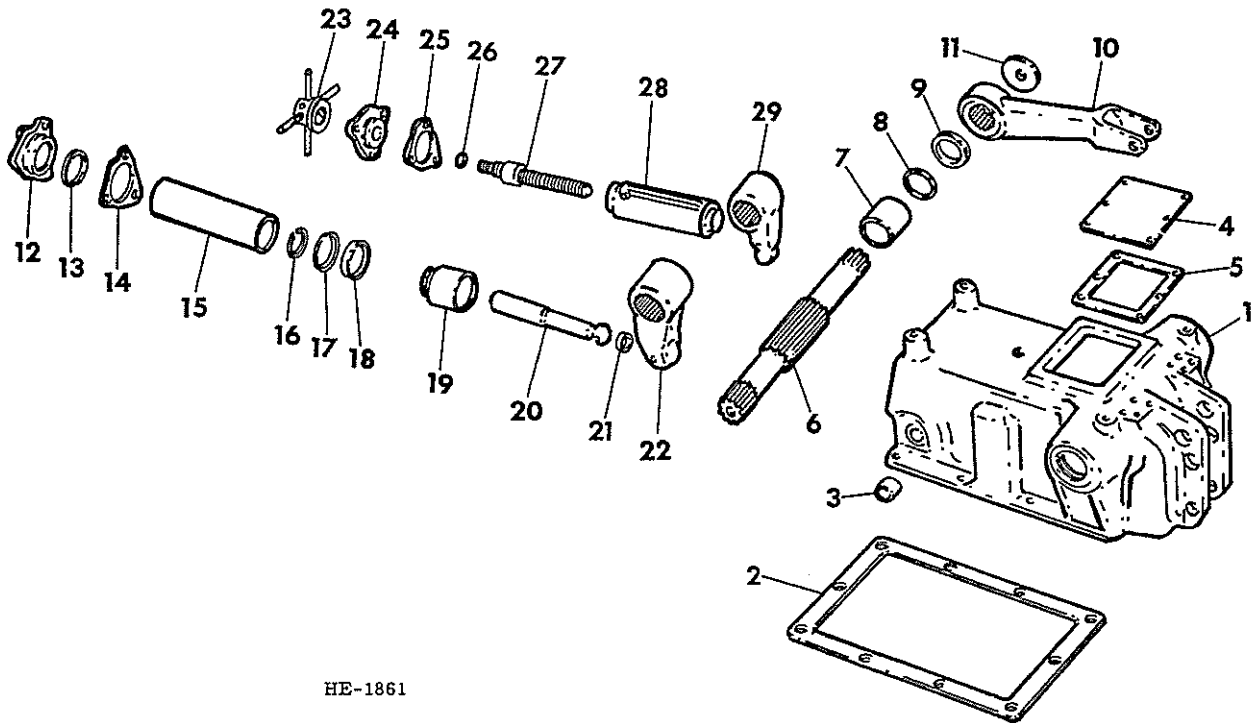
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SECTION 10

REF. NO. PART NUMBER DESCRIPTION TC-210



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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HYDRAULIC LIFT WITH DEPTH CONTROL
FOR THREE POINT HITCH

HE-1861

1	677 341 R11	HOUSING ASSY, HYDRAULIC LIFT INCLUDES - 2- 676 815 R1 BUSHINGS 180 176 BOLT, 1/2 X 1-3/8 HEX-HD 180 177 BOLT, 1/2 X 1-1/2 HEX-HD -8- 120 384 WASHER, 1/2 LOCK -9- 109 461 FITTING, 1/8-27 NPTF STR LUB -2-
2		GASKET, HOUSING - FOR SERVICE ORDER 610 557 C91 GASKET LIQUID
3	676 815 R1	BUSHING -2-
4	635 443 R1	COVER, LIFT MSG 180 016 BOLT, 1/4-20 X 1/2 HEX-HD -6- 120 380 WASHER, 1/4 LOCK -6-
5	635 444 R1	GASKET, COVER
6	635 436 R2	ROCKSHAFT, HYD LIFT
7	704 356 R1	BUSHING, ROCKSHAFT -2-
8	704 360 R1	WASHER, ROCKSHAFT -2-
9	706 095 R92	SEAL, ROCKSHAFT OIL -2- OPT W/706 308 R91 OR 709 546 R91
9	706 308 R91	SEAL, ROCKSHAFT OIL -2- OPT W/706 095 R92 OR 709 546 R91
9	709 546 R91	SEAL, ROCKSHAFT OIL -2- OPT W/706 095 R92 OR 706 308 R91
10	704 361 R4	ARM, LIFT -2-



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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HYDRAULIC LIFT WITH DEPTH CONTROL -CONTINUED
FOR THREE POINT HITCH

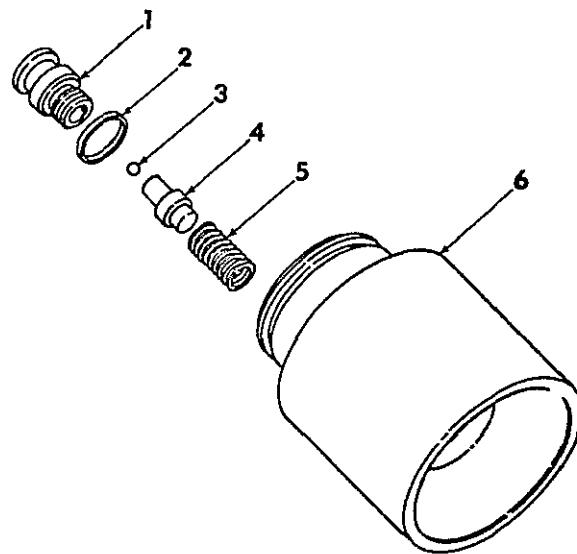
11	707 754 R1	PLATE, ARM RETAINING -2- 180 177 BOLT, 1/2-13 X 1-1/2 HEX-HD -2-
12	635 431 R2	CAP, LIFT CYLINDER 271 548 BOLT, 5/8-11 X 1-3/4 HEX-HD -3-
13	352 313 R1	O-RING, CAP
14	635 445 R1	GASKET, LIFT CYLINDER CAP
15	704 340 R2	CYLINDER, LIFT
16	704 369 R1	RING, OIL SEAL RETAINING
17	704 368 R1	RETAINER, OIL SEAL
18	704 367 R1	SEAL, LIFT CYL PISTON OIL
19	707 744 R92	PISTON ASSY, LIFT CYLINDER FOR COMPONENTS SEE LISTING -LIFT CYL PISTON - THIS SECTION
20	704 363 R1	ROD, LIFT CYL CONNECTING U 5 354 PIN, 5/16 X 2-7/8 HEADED - DLD 619 855 R1 WASHER, .344 X .750 X .056 FLAT 103 384 PIN, 1/8 X 3/4 COTTER
21	705 206 R1	BUSHING, CONNECTION ROD
22	704 358 R3	ARM, LIFT CYL ROCKER 181 637 BOLT, 3/8-24 X 1 HEX-HD

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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HYDRAULIC LIFT WITH DEPTH CONTROL -CONTINUED FOR THREE POINT HITCH			
23	850 898 C1 188 943	WHEEL, DEPTH CONTROL HAND PIN, 3/16 X 1-1/8 GROOVE	
24	635 432 R1 180 177	SUPPORT, DEPTH CONTROL BOLT, 1/2-13 X 1-1/2 HEX-HD -3-	
25	635 554 R1	GASKET, SUPPORT	
26	704 378 R1	O-RING	
27	707 889 R1	SCREW, DEPTH CONTROL	
28	704 370 R21	SPRING ASSY, DEPTH CONTROL	
29	635 435 R1 181 637	CAM, DEPTH CONTROL BOLT, 3/8-24 X 1 HEX-HD	
FOR HOUSING GASKET USE 610 557 C1 GASKET LIQUID			

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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LIFT CYLINDER PISTON FOR THREE POINT HITCH



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707 744 R92 PISTON ASSY, LIFT CYLINDER
CONSISTS OF ALL ITEMS LISTED

1	707 745 R1	PLUG, PISTON RELIEF VALVE
2	379 365 R1	O-RING, VALVE
3	16 003 R1	BALL, VALVE - CHROME
4	707 746 R2	RIDER, PISTON BALL
5	066 410 R1	SPRING, PISTON RELIEF VALVE
6	704 366 R2	PISTON



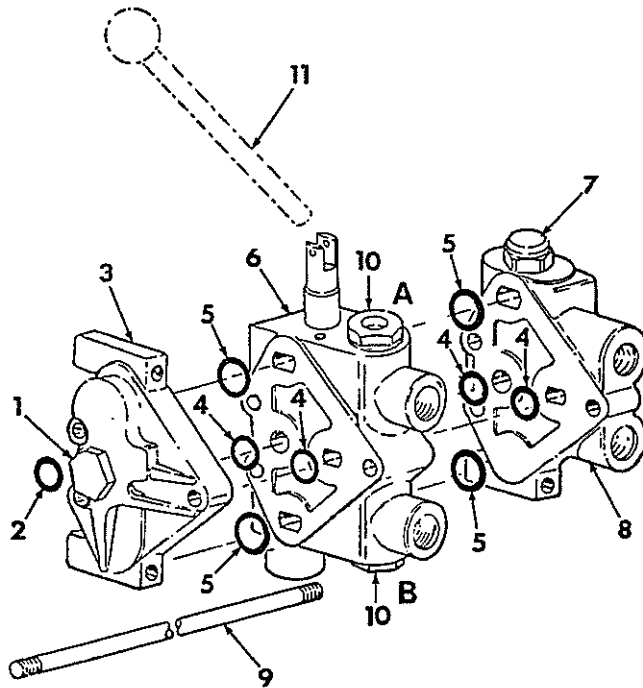
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ONE SECTION HYDRAULIC VALVE BANK
FOR BULLGRADER LIFT CONTROL OR
FOR AUXILIARY CONTROL



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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ONE SECTION HYDRAULIC VALVE BANK -CONTINUED
FOR BULLGRADER LIFT CONTROL OR
FOR AUXILIARY CONTROL



HE 838



HYRAULICS

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SECTION 10

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
		ONE SECTION HYDRAULIC VALVE BANK -CONTINUED FOR BULLGRADER LIFT CONTROL OR FOR AUXILIARY CONTROL	
		BANK ASSY, ONE SECTION WITH INTERNAL GROOVE MOUNTED SPOOL SEALS & 90 DUROMETER -HARD RUBBER- SECTION SEALS CONSISTS OF ALL PARTS SHOWN	
1	9 410 362	PLUG, 1-3/16 C-Z O-RING	
2	297 459 R1	O-RING	
3		COVER, VALVE BANK RH GRESEN NO. 1816 FOR SERVICE ORDER 850 828 C91 COVER W/ 70 DUROMETER -SOFT RUBBER SECTION SEALS	
4	384 578 R1	SEAL, PRESSURE O RING -4- IN-BETWEEN SECTION 90 DUROMETER HARD RUBBER TYPE NOT SERVICED SEPARATELY ORDER 1-850 261 C91 SEAL KIT	
5	384 376 R1	SEAL, EXHAUST O RING -4- IN-BETWEEN SECTION 90 DUROMETER HARD RUBBER TYPE NOT SERVICED SEPARATELY ORDER 1-850 261 C91 SEAL KIT	
6	850 115 C91	VALVE ASSY, 4 WAY W/FLOAT BONNET FOR GRADER LIFT OR AUXILIARY CONTROL VALVE BANK SECTION WITH GRESEN BODY NO 1814 AND W/O WEB AT PORT A INCLUDES 2- 850 118 C91 STANDARD PORT CHECK VALVES FOR SERVICE ORDER -850 835 C91- VALVE W/ 70 DUROMETER SOFT-RUBBER SECTION SEALS FOR SERVICE COMPONENTS REFER TO -VALVE 850 115 C91- THIS SECTION	
7	850 107 C92	VALVE ASSY, MAIN RELIEF	
8	850 105 C1	COVER, VALVE BANK LH	
9	850 149 C1 685 546 R1	STUD, VALVE BANK -3- NUT, 3/8-24 HEX -6-	
10	850 118 C91	VALVE ASSY, STANDARD PORT CHECK -2- FOR SERVICE COMPONENTS REFER TO -CHECK VALVE- THIS SECTION	
11	677 686 R1	LEVER, GRADER LIFT OR AUXILIARY CONTROL REFER TO - VALVE CONTROLS - THIS SECTION	



HYRAULICS

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SECTION 10

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
		ONE SECTION HYDRAULIC VALVE BANK -CONTINUED FOR BULLGRADER LIFT CONTROL OR FOR AUXILIARY CONTROL	
	850 162 C91	PACKAGE, MAIN RELIEF VALVE SEAL SERVICE CONSISTS OF \$1-O RING 343 900 R1 \$1-O RING 377 028 R1 \$1-SEAL 850 114 C1	
	850 261 C91	KIT, IN-BETWEEN SECTION SEAL W/ 90 DUROMETER HARD RUBBER SEALS CONSISTS OF- \$6-SEAL 384 578 R1 \$6-SEAL 384 376 R1	
	850 381 C91	KIT, MASTER SEAL SERVICE FOR VALVE BANK W/ INTERNAL GROOVE MOUNTED SPOOL SEALS & 90 DUROMETER -HARD RUBBER- SECTION SEALS CONSISTS OF- \$6-SEAL 384 376 R1 \$6-SEAL 384 578 R1 \$8-O RING 364 885 R1 \$8-WASHER 850 123 C1 \$4-WASHER 850 124 C1 \$4-O RING 392 382 R1 \$4-O RING 392 385 R1 \$1-O RING 343 900 R1 \$1-O RING 377 028 R1 \$1-SEAL 850 114 C1 \$1-O RING 383 024 R1 \$1-WASHER 850 155 C1 \$1-O RING 297 459 R1 \$1-QUAD RING 850 130 C1 1-O RING 343 900 R1 4-BALL 17 007 R1 1-SEAL 850 120 C1	



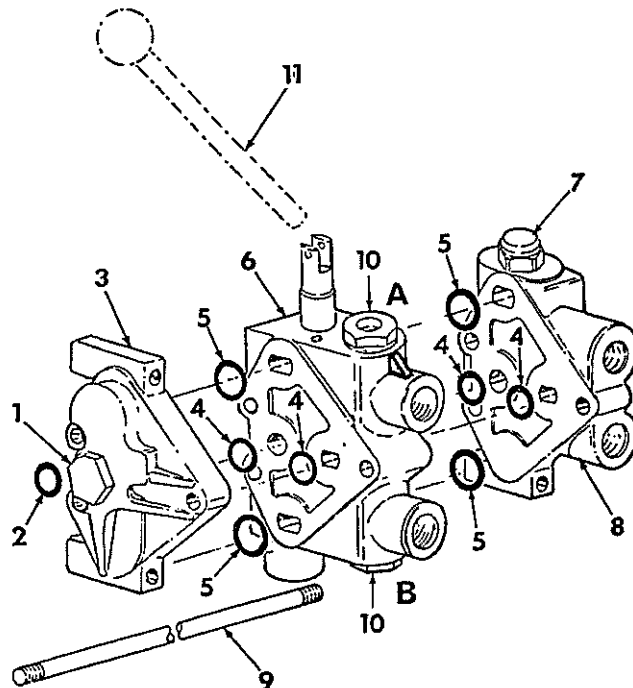
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ONE SECTION HYDRAULIC VALVE BANK
FOR BULLGRADER LIFT CONTROL OR
FOR AUXILIARY CONTROL



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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ONE SECTION HYDRAULIC VALVE BANK -CONTINUED
FOR BULLGRADER LIFT CONTROL OR
FOR AUXILIARY CONTROL



HE-838A



HYRAULICS

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SECTION 10

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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ONE SECTION HYDRAULIC VALVE BANK -CONTINUED
FOR BULLGRADER LIFT CONTROL OR
FOR AUXILIARY CONTROL

		BANK ASSY, ONE SECTION -WITH EXTERNAL BORE MOUNTED SPOOL SEALS & 70 DUROMETER -SOFT RUBBER- SECTION SEALS CONSISTS OF ALL PARTS SHOWN	
1	9 410 362	PLUG, 1-3/16 C-2 O-RING	
2	297 459 R1	O-RING	
3	850 828 C91	COVER ASSY, VALVE BANK RH GRESEN NO.6770 INCLUDES 2-364 840 R1 AND 2-376 769 R1 70 DUROMETER -SOFT RUBBER- SECTION SEALS	
4	364 840 R1	SEAL, PRESSURE O RING -4- IN-BETWEEN SECTION 70 DUROMETER SOFT RUBBER TYPE NOT SERVICED SEPARATELY ORDER 1-850 827 C91 SEAL KIT	
5	376 769 R1	SEAL, EXHAUST O RING -4- IN-BETWEEN SECTION 70 DUROMETER SOFT RUBBER TYPE NOT SERVICED SEPARATELY ORDER 1-850 827 C91 SEAL KIT	
6	850 835 C91	VALVE ASSY, 4 WAY W/FLOAT BONNET FOR GRADER LIFT OR AUXILIARY CONTROL VALVE BANK SECTION WITH GRESEN BODY NO 6721 AND W/ WEB AT PORT A INCLUDES 2- 850 118 C91 STANDARD PORT CHECK VALVES FOR SERVICE COMPONENTS REFER TO -VALVE 850 835 C91- THIS SECTION	
7	850 107 C92	VALVE ASSY, MAIN RELIEF	
8	850 105 C1	COVER, VALVE BANK LH	
9	850 149 C1 685 546 R1	STUD, VALVE BANK -3- NUT, 3/8-24 HEX -6-	
10	850 118 C91	VALVE ASSY, STANDARD PORT CHECK -2- FOR SERVICE COMPONENTS REFER TO -CHECK VALVE- THIS SECTION	
11	677 686 R1	LEVER, GRADER LIFT OR AUXILIARY CONTROL REFER TO - VALVE CONTROLS - THIS SECTION	



HYRAULICS

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SECTION 10

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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ONE SECTION HYDRAULIC VALVE BANK -CONTINUED
FOR BULLGRADER LIFT CONTROL OR
FOR AUXILIARY CONTROL

850 162 C91	PACKAGE, MAIN RELIEF VALVE SEAL SERVICE CONSISTS OF \$1-O RING 343 900 R1 \$1-O RING 377 028 R1 \$1-SEAL 850 114 C1	
850 827 C91	KIT, IN-BETWEEN SECTION SEAL W/ 70 DUROMETER SOFT RUBBER SEALS CONSISTS OF- \$6-SEAL 364 840 R1 \$6-SEAL 376 769 R1	
850 832 C91	KIT, MASTER SEAL SERVICE FOR VALVE BANK W/ EXTERNAL BORE MOUNTED SPOOL SEALS & 70 DUROMETER -SOFT RUBBER - SECTION SEALS CONSISTS OF- \$6-SEAL 376 769 R1 \$6-SEAL 364 840 R1 \$8-O RING 364 885 R1 \$8-WASHER 850 123 C1 \$4-WASHER 850 124 C1 \$4-O RING 392 382 R1 \$4-O RING 392 385 R1 \$1-O RING 343 900 R1 \$1-O RING 377 028 R1 \$1-SEAL 850 114 C1 \$1-O RING 383 024 R1 \$1-WASHER 850 155 C1 \$1-O RING 297 459 R1 \$1-QUAD RING 850 130 C1 1-O RING 343 900 R1 8-BALL 17 007 R1 3-SEAL 394 598 R1 3-WASHER 631 147 C1 3-RETAINER 850 880 C1 1-SEAL 850 883 C1 1-PLATE 850 884 C1	



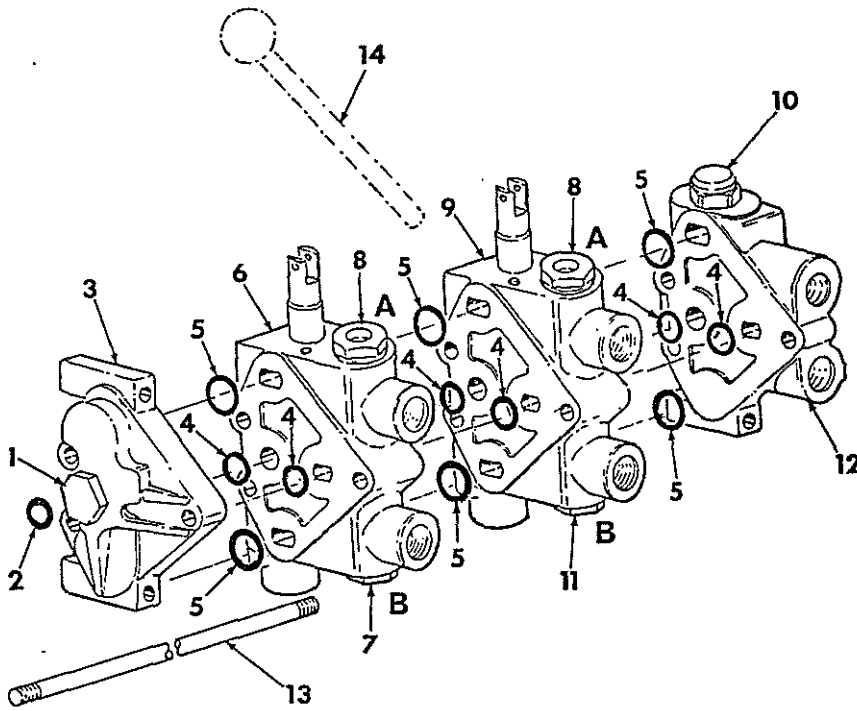
REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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TWO SECTION HYDRAULIC VALVE BANK FOR LOADER LIFT & TILT CONTROL



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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TWO SECTION HYDRAULIC VALVE BANK -CONTINUED FOR LOADER LIFT & TILT CONTROL



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HYDRAULICS

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SECTION 10

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
		TWO SECTION HYDRAULIC VALVE BANK -CONTINUED FOR LOADER LIFT & TILT CONTROL	
		VALVE ASSY, TWO SECTION WITH INTERNAL GROOVE MOUNTED SPOOL SEALS & 90 DUROMETER -HARD RUBBER-SECTION SEALS CONSISTS OF ALL PARTS SHOWN	
1 9	410 362	PLUG, 1-3/16 C-2 O-RING	
2	297 459 R1	O-RING	
3		COVER, VALVE BANK RH GRESN NO. 1816 FOR SERVICE ORDER 850 828 C91 COVER W/ 70 DUROMETER -SOFT RUBBER SECTION SEALS	
4	384 578 R1	SEAL, PRESSURE O RING -6- IN-BETWEEN SECTION 90 DUROMETER HARD RUBBER TYPE NOT SERVICED SEPARATELY ORDER 1-850 261 C91 SEAL KIT	
5	384 376 R1	SEAL, EXHAUST O RING -6- IN-BETWEEN SECTION 90 DUROMETER HARD RUBBER TYPE NOT SERVICED SEPARATELY ORDER 1-850 261 C91 SEAL KIT	
6	850 117 C91	VALVE ASSY, 4 WAY W/ STANDARD BONNET FOR LOADER TILT CONTROL VALVE BANK SECTION -2- WITH GRESN BODY NO 1814 AND W/O WEB AT PORT A INCLUDES 2-850 118 C91 STANDARD PORT CHECKS FOR SERVICE ORDER -850 837 C91- VALVE W/ 70 DUROMETER SOFT-RUBBER SECTION SEALS ALSO REQUIRES AN 850 146 C91 VALVE AT PORT-A-& AN 850 145 C91 VALVE AT PORT-B- TO REPLACE STD VALVES FOR SERVICE COMPONENTS REFER TO -VALVE 850 117 C91- THIS SECTION	
7	850 145 C91	VALVE ASSY, 2500 PSI PORT RELIEF FOR SERVICE COMPONENTS REFER TO -RELIEF VALVE- THIS SECTION	
8	850 146 C91	VALVE ASSY, 3000 PSI PORT RELIEF-2- FOR SERVICE COMPONENTS REFER TO -RELIEF VALVE- THIS SECTION	
9	850 115 C91	VALVE ASSY, 4 WAY W/FLOAT BONNET FOR LOADER LIFT CONTROL BODY NO 1814 AND W/O WEB AT PORT A INCLUDES 2- 850 118 C91 STANDARD PORT CHECK VALVES FOR SERVICE ORDER -850 835 C91- VALVE W/ 70 DUROMETER SOFT-RUBBER SECTION SEALS ALSO REQUIRES AN 850 146 C91 VALVE AT PORT-A-& AN 850 119 C91 VALVE AT PORT-B- TO REPLACE STD VALVES FOR SERVICE COMPONENTS REFER TO -VALVE 850 115 C91- THIS SECTION	
10	850 107 C92	VALVE ASSY, MAIN RELIEF.	
11	850 119 C91	VALVE ASSY, ANTI-CAVITATION CHECK FOR SERVICE COMPONENTS REFER TO -CHECK VALVE- THIS SECTION	
12	850 105 C1	COVER, VALVE BANK LH	
13	850 150 C1 685 546 R1	STUD, VALVE BANK -3- NUT, 3/8-24 HEX -6-	
14	677 687 R1	LEVER, LOADER LIFT & TILT DUAL CONTROL REFER TO - VALVE CONTROLS - THIS SECTION	



HYDRAULICS

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SECTION 10

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
		TWO SECTION HYDRAULIC VALVE BANK -CONTINUED FOR LOADER LIFT & TILT CONTROL	
	850 162 C91	PACKAGE, MAIN RELIEF VALVE SEAL SERVICE CONSISTS OF \$1-O RING 343 900 R1 \$1-O RING 377 028 R1 \$1-SEAL 850 114 C1	
	850 261 C91	KIT, IN-BETWEEN SECTION SEAL W/ 90 DUROMETER HARD RUBBER SEALS CONSISTS OF- \$6-SEAL 384 578 R1 \$6-SEAL 384 376 R1	
	850 381 C91	KIT, MASTER SEAL SERVICE FOR VALVE BANK W/ INTERNAL GROOVE MOUNTED SPOOL SEALS & 90 DUROMETER -HARD RUBBER- SECTION SEALS CONSISTS OF- \$6-SEAL 384 376 R1 \$6-SEAL 384 578 R1 \$8-O RING 364 885 R1 \$8-WASHER 850 123 C1 \$4-WASHER 850 124 C1 \$4-O RING 392 382 R1 \$4-O RING 392 385 R1 \$1-O RING 343 900 R1 \$1-O RING 377 028 R1 \$1-SEAL 850 114 C1 \$1-O RING 383 024 R1 \$1-WASHER 850 155 C1 \$1-O RING 297 459 R1 \$1-QUAD RING 850 130 C1 1-O RING 343 900 R1 4-BALL 17 007 R1 1-SEAL 850 120 C1	



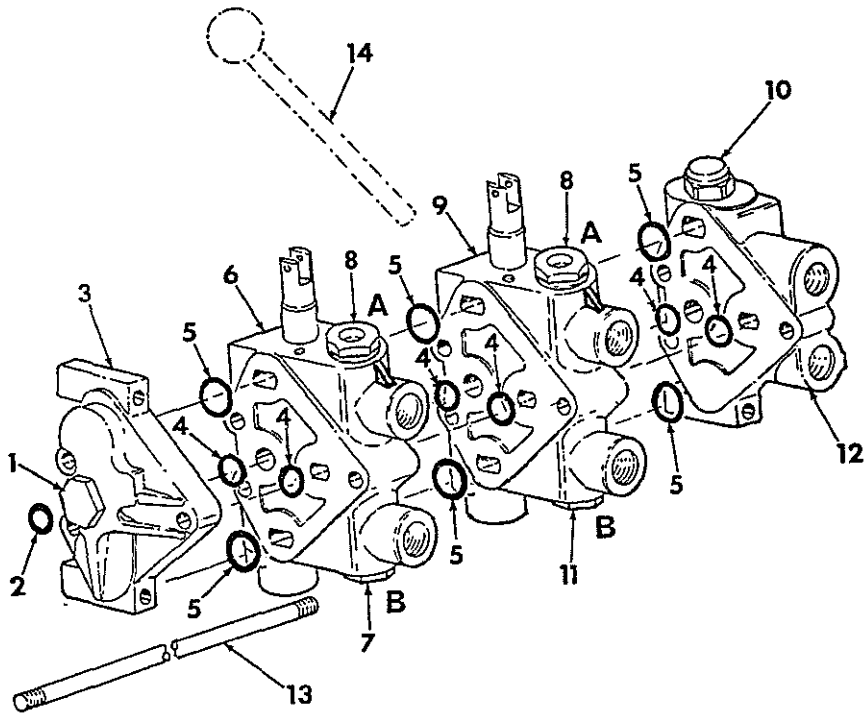
REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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TWO SECTION HYDRAULIC VALVE BANK FOR LOADER LIFT & TILT CONTROL



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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TWO SECTION HYDRAULIC VALVE BANK -CONTINUED FOR LOADER LIFT & TILT CONTROL



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HYRAULICS

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SECTION 10

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
		TWO SECTION HYDRAULIC VALVE BANK -CONTINUED FOR LOADER LIFT & TILT CONTROL	
		VALVE ASSY, TWO SECTION -WITH EXTERNAL BORE MOUNTED SPOOL SEALS & 70 DUROMETER -SOFT RUBBER- SECTION SEALS CONSISTS OF ALL PARTS SHOWN	
1	9 410 362	PLUG, 1-3/16 C-Z O-RING	
2	297 459 R1	O-RING	
3	850 828 C91	COVER ASSY, VALVE BANK RH GRESEN NO.6770 INCLUDES 2-364 840 R1 AND 2-376 769 R1 70 DUROMETER -SOFT RUBBER- SECTION SEALS	
4	364 840 R1	SEAL, PRESSURE O RING -6- IN-BETWEEN SECTION 70 DUROMETER SOFT RUBBER TYPE NOT SERVICED SEPARATELY ORDER 1-850 827 C91 SEAL KIT	
5	376 769 R1	SEAL, EXHAUST O RING -6- IN-BETWEEN SECTION 70 DUROMETER SOFT RUBBER TYPE NOT SERVICED SEPARATELY ORDER 1-850 827 C91 SEAL KIT	
6	850 837 C91	VALVE ASSY, 4 WAY W/STANDARD BONNET FOR LOADER TILT CONTROL VALVE BANK SECTION -2- WITH GRESEN BODY NO 6721 AND W/ WEB AT PORT A INCLUDES 2-850 118 C91 STANDARD PORT CHECKS ALSO REQUIRES AN 850 146 C91 VALVE AT PORT-A- & AN 850 145 C91 VALVE AT PORT-B- TO REPLACE STD VALVES FOR SERVICE COMPONENTS REFER TO -VALVE 850 837 C91- THIS SECTION	
7	850 145 C91	VALVE ASSY, 2500 PSI PORT RELIEF FOR SERVICE COMPONENTS REFER TO -RELIEF VALVE- THIS SECTION	
8	850 146 C91	VALVE ASSY, 3000 PSI PORT RELIEF-2- FOR SERVICE COMPONENTS REFER TO -RELIEF VALVE- THIS SECTION	
9	850 835 C91	VALVE ASSY, 4 WAY W/FLOAT BONNET FOR LOADER LIFT CONTROL VALVE BANK SECTION -1- W/GRESEN BODY NO 6721 AND W/ WEB AT PORT A INCLUDES 2-850 118 C91 STANDARD PORT CHECKS ALSO REQUIRES AN 850 146 C91 VALVE AT PORT-A- & AN 850 119 C91 VALVE AT PORT-B- TO REPLACE STD VALVES FOR SERVICE COMPONENTS REFER TO -VALVE 850 835 C91- THIS SECTION	
10	850 107 C92	VALVE ASSY, MAIN RELIEF	
11	850 119 C91	VALVE ASSY, ANTI-CAVITATION CHECK FOR SERVICE COMPONENTS REFER TO -CHECK VALVE- THIS SECTION	
12	850 105 C1	COVER, VALVE BANK LH	
13	850 150 C1 685 546 R1	STUD, VALVE BANK -3- NUT, 3/8-24 HEX -6-	
14	677 687 R1	LEVER, LOADER LIFT & TILT DUAL CONTROL REFER TO - VALVE CONTROLS - THIS SECTION	

HYRAULICS

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SECTION 10

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
		TWO SECTION HYDRAULIC VALVE BANK -CONTINUED FOR LOADER LIFT & TILT CONTROL	
	850 162 C91	PACKAGE, MAIN RELIEF VALVE SEAL SERVICE CONSISTS OF \$1-O RING 343 900 R1 \$1-O RING 377 028 R1 \$1-SEAL 850 114 C1	
	850 827 C91	KIT, IN-BETWEEN SECTION SEAL W/ 70 DUROMETER SOFT RUBBER SEALS CONSISTS OF- \$6-SEAL 364 840 R1 \$6-SEAL 376 769 R1	
	850 832 C91	KIT, MASTER SEAL SERVICE FOR VALVE BANK W/ EXTERNAL BORE MOUNTED SPOOL SEALS & 70 DUROMETER -SOFT RUBBER - SECTION SEALS CONSISTS OF- \$6-SEAL 376 769 R1 \$6-SEAL 364 840 R1 \$8-O RING 364 885 R1 \$8-WASHER 850 123 C1 \$4-WASHER 850 124 C1 \$4-O RING 392 382 R1 \$4-O RING 392 385 R1 \$1-O RING 343 900 R1 \$1-O RING 377 028 R1 \$1-SEAL 850 114 C1 \$1-O RING 383 024 R1 \$1-WASHER 850 155 C1 \$1-O RING 297 459 R1 \$1-QUAD RING 850 130 C1 1-O RING 343 900 R1 8-BALL 17 007 R1 3-SEAL 394 598 R1 3-WASHER 631 147 C1 3-RETAINER 850 880 C1 1-SEAL 850 883 C1 1-PLATE 850 884 C1	



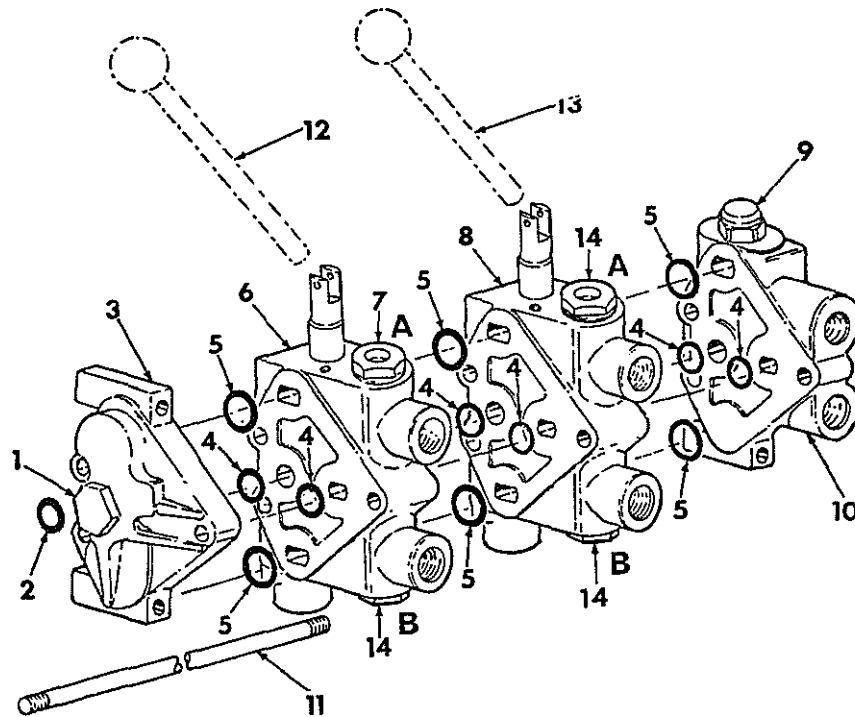
REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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TWO SECTION HYDRAULIC VALVE BANK
 FOR GRADER LIFT & 3 POINT HITCH CONTROL
 FOR GRADER LIFT & AUXILIARY CONTROL
 FOR AUXILIARY & 3 POINT HITCH CONTROL



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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TWO SECTION HYDRAULIC VALVE BANK -CONTINUED
 FOR GRADER LIFT & 3 POINT HITCH CONTROL
 FOR GRADER LIFT & AUXILIARY CONTROL
 FOR AUXILIARY & 3 POINT HITCH CONTROL



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HYRAULICS

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SECTION 10

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
		TWO SECTION HYDRAULIC VALVE BANK -CONTINUED FOR GRADER LIFT & 3 POINT HITCH CONTROL FOR GRADER LIFT & AUXILIARY CONTROL FOR AUXILIARY & 3 POINT HITCH CONTROL	
		VALVE ASSY, TWO SECTION -WITH INTERNAL GROOVE MOUNTED SPOO SEALS & 90 DUROMETER -HARD RUBBER- SECTION SEALS CONSISTS OF ALL PARTS SHOWN	
1 9	410 362	PLUG, 1-3/16 C-Z O-RING	
2	297 459 R1	O-RING	
3		COVER, VALVE BANK RH GRESSEN NO. 1816 FOR SERVICE ORDER 850 828 C91 COVER W/ 70 DUROMETER -SOFT RUBBER SECTION SEALS	
4	384 578 R1	SEAL, PRESSURE O RING -6- IN-BETWEEN SECTION 90 DUROMETER HARD RUBBER TYPE NOT SERVICED SEPARATELY ORDER 1-850 261 C91 SEAL KIT	
5	384 376 R1	SEAL, EXHAUST O RING -6- IN-BETWEEN SECTION 90 DUROMETER HARD RUBBER TYPE NOT SERVICED SEPARATELY ORDER 1-850 261 C91 SEAL KIT	
6	850 115 C91	VALVE ASSY, 4 WAY W/FLOAT BONNET FOR AUXILIARY CONTROL VALVE BANK SECTION -2- W/GRESSEN BODY NO 1814 AND W/O WEB AT PORT A INCLUDES 2-850 118 C91 STANDARD PORT CHECKS FOR SERVICE ORDER -850 835 C91- VALVE W/ 70 DUROMETER SOFT-RUBBER SECTION SEALS ALSO REQUIRES AN 850 145 C91 VALVE AT PORT-A- TO REPLACE STD VALVE FOR SERVICE COMPONENTS REFER TO -VALVE 850 115 C91- THIS SECTION	
6	850 116 C91	VALVE ASSY, 3 WAY W/ -R- DETENT BONNET FOR THREE POINT HITCH CONTROL VALVE BANK SECTION -2- W/GRESSEN BODY NO 1814 AND W/O WEB AT PORT A INCLUDES 1-850 118 C91 STANDARD PORT CHECK VALVE FOR SERVICE ORDER -850 836 C91- VALVE W/ 70 DUROMETER SOFT-RUBBER SECTION SEALS FOR SERVICE COMPONENTS REFER TO -VALVE 850 116 C91- THIS SECTION	
7	850 145 C91	VALVE ASSY, 2500 PSI PORT RELIEF FOR AUXILIARY CONTROL FOR SERVICE COMPONENTS REFER TO -RELIEF VALVE- THIS SECTION	
7		VALVE ASSY, -NOT USED- FOR THREE POINT HITCH CONTROL PORT -A- PLUGGED ON 3 WAY VALVE	
8	850 115 C91	VALVE ASSY, 4 WAY W/FLOAT BONNET FOR AUXILIARY CONTROL OR FOR GRADER LIFT CONTROL VALVE BANK SECTION -1- W/GRESSEN BODY NO 1814 AND W/O WEB AT PORT A INCLUDES 2-850 118 C91 STANDARD PORT CHECKS FOR SERVICE ORDER -850 835 C91- VALVE W/ 70 DUROMETER SOFT-RUBBER SECTION SEALS FOR SERVICE COMPONENTS REFER TO -VALVE 850 115 C91- THIS SECTION	
9	850 107 C92	VALVE ASSY, MAIN RELIEF	



HYRAULICS

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SECTION 10

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
		TWO SECTION HYDRAULIC VALVE BANK -CONTINUED FOR GRADER LIFT & 3 POINT HITCH CONTROL FOR GRADER LIFT & AUXILIARY CONTROL FOR AUXILIARY & 3 POINT HITCH CONTROL	
10	850 105 C1	COVER, VALVE BANK LH	
11	850 150 C1 685 546 R1	STUD, VALVE BANK -3- NUT, 3/8-24 HEX -6-	
12	677 685 R1	LEVER, AUXILIARY CONTROL	
13	677 686 R1	LEVER, GRADER LIFT CONTROL REFER TO - VALVE CONTROLS - THIS SECTION	
14	850 118 C91	VALVE ASSY, STANDARD PORT CHECK -3- FOR SERVICE COMPONENTS REFER TO -CHECK VALVE- THIS SECTION	
	850 162 C91	PACKAGE, MAIN RELIEF VALVE SEAL SERVICE CONSISTS OF \$1-O RING 343 900 R1 \$1-O RING 377 028 R1 \$1-SEAL 850 114 C1	
	850 261 C91	KIT, IN-BETWEEN SECTION SEAL W/ 90 DUROMETER HARD RUBBER SEALS CONSISTS OF- \$6-SEAL 384 578 R1 \$6-SEAL 384 376 R1	
	850 381 C91	KIT, MASTER SEAL SERVICE FOR VALVE BANK W/ INTERNAL GROOVE MOUNTED SPOOL SEALS & 90 DUROMETER -HARD RUBBER- SECTION SEALS CONSISTS OF- \$6-SEAL 384 376 R1 \$6-SEAL 384 578 R1 \$8-O RING 364 885 R1 \$8-WASHER 850 123 C1 \$4-WASHER 850 124 C1 \$4-O RING 392 382 R1 \$4-O RING 392 385 R1 \$1-O RING 343 900 R1 \$1-O RING 377 028 R1 \$1-SEAL 850 114 C1 \$1-O RING 383 024 R1 \$1-WASHER 850 155 C1 \$1-O RING 297 459 R1 \$1-QUAD RING 850 130 C1 1-O RING 343 900 R1 4-BALL 17 007 R1 1-SEAL 850 120 C1	



HYDRAULICS

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SECTION 10

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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TWO SECTION HYDRAULIC VALVE BANK
 FOR GRADER LIFT & 3 POINT HITCH CONTROL
 FOR GRADER LIFT & AUXILIARY CONTROL
 FOR AUXILIARY & 3 POINT HITCH CONTROL



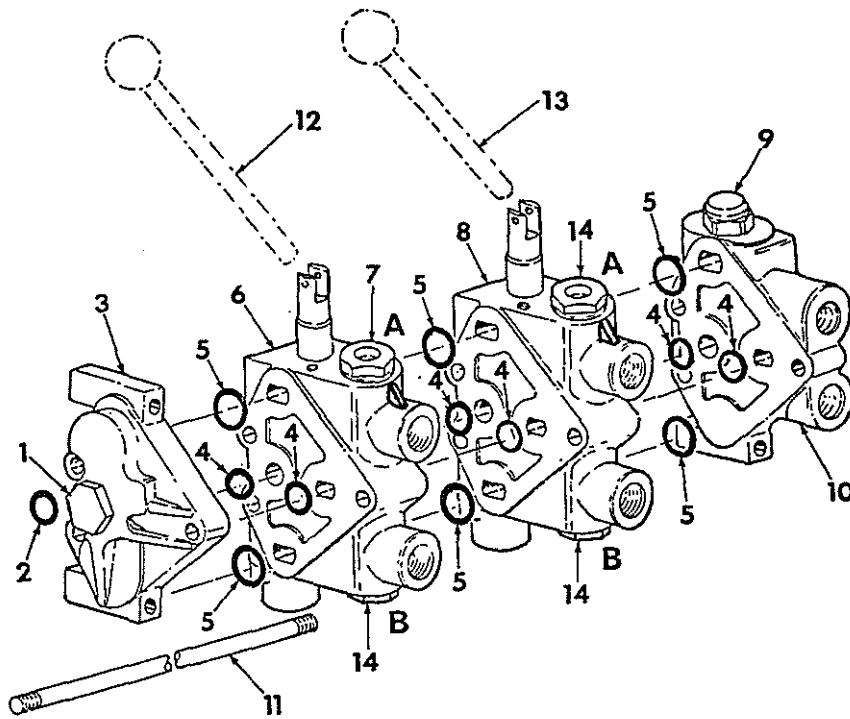
HYDRAULICS

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SECTION 10

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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TWO SECTION HYDRAULIC VALVE BANK -CONTINUED
 FOR GRADER LIFT & 3 POINT HITCH CONTROL
 FOR GRADER LIFT & AUXILIARY CONTROL
 FOR AUXILIARY & 3 POINT HITCH CONTROL



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REF. NO.	PART NUMBER	DESCRIPTION	TC-210
		TWO SECTION HYDRAULIC VALVE BANK -CONTINUED FOR GRADER LIFT & 3 POINT HITCH CONTROL FOR GRADER LIFT & AUXILIARY CONTROL FOR AUXILIARY & 3 POINT HITCH CONTROL	
		VALVE ASSY, TWO SECTION -WITH EXTERNAL BORE MOUNTED SPOOL SEALS & 70 DUROMETER -SOFT RUBBER- SECTION SEALS CONSISTS OF ALL PARTS SHOWN	
1 9	410 362	PLUG, 1-3/16 C-Z O-RING BOSS IN POWER BEYOND PORT	
2	297 459 R1	O-RING	
3	850 828 C91	COVER ASSY, VALVE BANK RH GRESN NO.6770 INCLUDES 2-364 840 R1 AND 2-376 769 R1 70 DUROMETER -SOFT RUBBER- SECTION SEALS	
4	364 840 R1	SEAL, PRESSURE O RING -6- IN-BETWEEN SECTION 70 DUROMETER SOFT RUBBER TYPE NOT SERVICED SEPARATELY ORDER 1-850 827 C91 SEAL KIT	
5	376 769 R1	SEAL, EXHAUST O RING -6- IN-BETWEEN SECTION 70 DUROMETER SOFT RUBBER TYPE NOT SERVICED SEPARATELY ORDER 1-850 827 C91 SEAL KIT	
6	850 835 C91	VALVE ASSY, 4 WAY W/FLOAT BONNET FOR AUXILIARY CONTROL VALVE BANK SECTION -2- W/GRESN BODY NO 6721 AND W/ WEB AT PORT A INCLUDES 2-850 118 C91 STANDARD PORT CHECKS ALSO REQUIRES AN 850 145 C91 VALVE AT PORT-A- TO REPLACE STD VALVE FOR SERVICE COMPONENTS REFER TO -VALVE 850 835 C91- THIS SECTION	
6	850 836 C91	VALVE ASSY, 3 WAY W/ -R- DETENT BONNET FOR THREE POINT HITCH CONTROL VALVE BANK SECTION -2- W/GRESN BODY NO 6721 AND W/ WEB AT PORT A INCLUDES 1-850 118 C91 STANDARD PORT CHECK VALVE FOR SERVICE COMPONENTS REFER TO -VALVE 850 836 C91- THIS SECTION	
7	850 145 C91	VALVE ASSY, 2500 PSI PORT RELIEF FOR AUXILIARY CONTROL FOR SERVICE COMPONENTS REFER TO -RELIEF VALVE- THIS SECTION	
7		VALVE ASSY, -NOT USED- FOR THREE POINT HITCH CONTROL PORT -A- PLUGGED DN 3 WAY VALVE	
8	850 835 C91	VALVE ASSY, 4 WAY W/FLOAT BONNET FOR AUXILIARY CONTROL OR FOR GRADER LIFT CONTROL VALVE BANK SECTION -1- W/GRESN BODY NO 6721 AND W/ WEB AT PORT A INCLUDES 2-850 118 C91 STANDARD PORT CHECKS FOR SERVICE COMPONENTS REFER TO -VALVE 850 835 C91- THIS SECTION	
9	850 107 C92	VALVE ASSY, MAIN RELIEF	
10	850 105 C1	COVER, VALVE BANK LH	
11	850 150 C1 685 546 R1	STUD, VALVE BANK -3- NUT, 3/8-24 HEX -6-	
12	677 685 R1	LEVER, AUXILIARY CONTROL	
13	677 686 R1	LEVER, GRADER LIFT CONTROL REFER TO - VALVE CONTROLS - THIS SECTION	



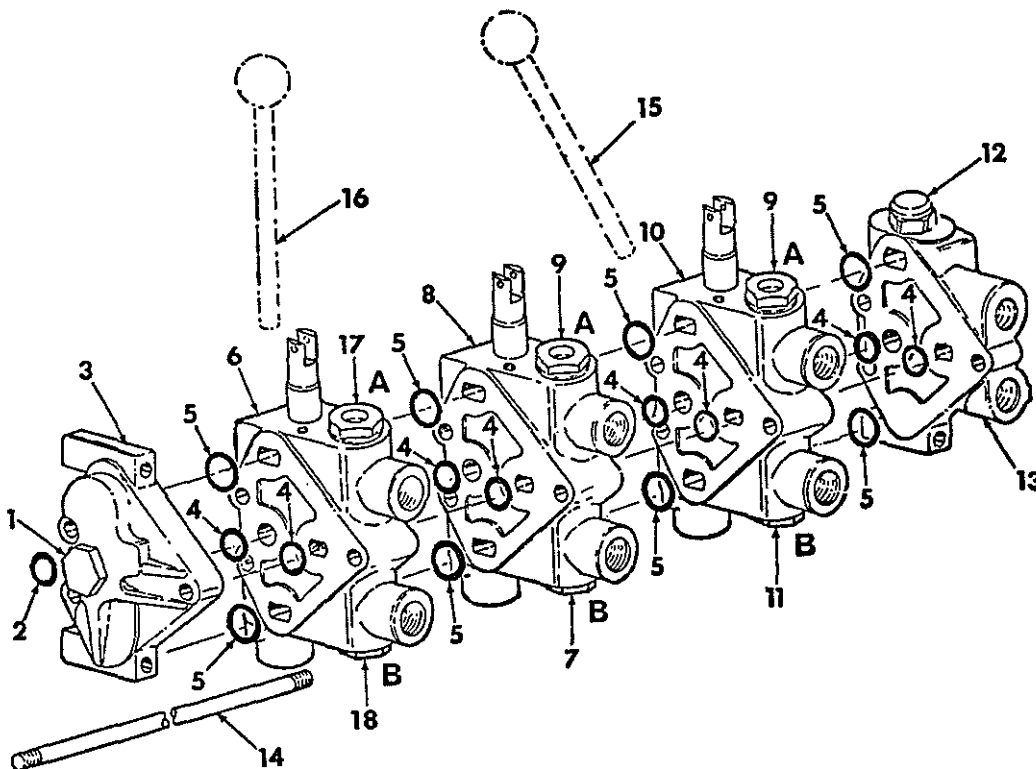
REF. NO.	PART NUMBER	DESCRIPTION	TC-210
		TWO SECTION HYDRAULIC VALVE BANK -CONTINUED FOR GRADER LIFT & 3 POINT HITCH CONTROL FOR GRADER LIFT & AUXILIARY CONTROL FOR AUXILIARY & 3 POINT HITCH CONTROL	
14	850 118 C91	VALVE ASSY, STANDARD PORT CHECK-3- FOR SERVICE COMPONENTS REFER TO -CHECK VALVE- THIS SECTION	
	850 162 C91	PACKAGE, MAIN RELIEF VALVE SEAL SERVICE CONSISTS OF \$1-O RING 343 900 R1 \$1-O RING 377 028 R1 \$1-SEAL 850 114 C1	
	850 827 C91	KIT, IN-BETWEEN SECTION SEAL W/ 70 DUROMETER SOFT RUBBER SEALS CONSISTS OF- \$6-SEAL 364 840 R1 \$6-SEAL 376 769 R1	
	850 832 C91	KIT, MASTER SEAL SERVICE FOR VALVE BANK W/ EXTERNAL BORE MOUNTED SPOOL SEALS & 70 DUROMETER -SOFT RUBBER - SECTION SEALS CONSISTS OF- \$6-SEAL 376 769 R1 \$6-SEAL 364 840 R1 \$8-O RING 364 885 R1 \$8-WASHER 850 123 C1 \$4-WASHER 850 124 C1 \$4-O RING 392 382 R1 \$4-O RING 392 385 R1 \$1-O RING 343 900 R1 \$1-O RING 377 028 R1 \$1-SEAL 850 114 C1 \$1-O RING 383 024 R1 \$1-WASHER 850 155 C1 \$1-O RING 297 459 R1 \$1-QUAD RING 850 130 C1 1-O RING 343 900 R1 8-BALL 17 007 R1 3-SEAL 394 598 R1 3-WASHER 631 147 C1 3-RETAINER 850 880 C1 1-SEAL 850 883 C1 1-PLATE 850 884 C1	

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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THREE SECTION HYDRAULIC VALVE BANK FOR LOADER LIFT, TILT & CLAM CONTROL FOR LOADER LIFT, TILT & 3 PT HITCH OR AUXILIARY CONTROL

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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THREE SECTION HYDRAULIC VALVE BANK -CONTINUED FOR LOADER LIFT, TILT & CLAM CONTROL FOR LOADER LIFT, TILT & 3 PT HITCH OR AUXILIARY CONTROL



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- 1 9 410 362 PLUG, 1-3/16 C-Z O-RING
- 2 297 459 R1 O-RING
- 3 COVER, VALVE BANK RH
GRESEN NO. 1816
FOR SERVICE ORDER 850 828 C91
COVER W/ 70 DUROMETER -SOFT RUBBER
SECTION SEALS
- 4 384 578 R1 SEAL, PRESSURE O RING -8-
IN-BETWEEN SECTION 90 DUROMETER
HARD RUBBER TYPE
NOT SERVICED SEPARATELY
ORDER 2-850 261 C91 SEAL KIT

- 5 384 376 R1 SEAL, EXHAUST O RING -8-
IN-BETWEEN SECTION 90 DUROMETER
HARD RUBBER TYPE
NOT SERVICED SEPARATELY
ORDER 2-850 261 C91 SEAL KIT
- 6 850 117 C91 VALVE ASSY, 4 WAY W/ STANDARD BONNET
FOR LOADER CLAM CONTROL
VALVE BANK SECTION -3- W/GRESEN
BODY NO 1814 AND W/D WEB AT PORT A
INCLUDES 2-850 118 C91
STANDARD PORT CHECKS
FOR SERVICE ORDER -850 837 C91-
VALVE W/ 70 DUROMETER SOFT-RUBBER
SECTION SEALS
ALSO REQUIRES AN 850 145 C91 VALVE
AT PORT-B- TO REPLACE STD VALVE
FOR SERVICE COMPONENTS REFER TO
-VALVE 850 117 C91- THIS SECTION

REF. NO. PART NUMBER DESCRIPTION TC-210

THREE SECTION HYDRAULIC VALVE BANK -CONTINUED
FOR LOADER LIFT, TILT & CLAM CONTROL
FOR LOADER LIFT, TILT & 3 PT HITCH
OR AUXILIARY CONTROL

6	850 115 C91	VALVE ASSY, 4 WAY W/FLOAT BONNET FOR AUXILIARY CONTROL VALVE BANK SECTION -3- W/GRESEN BODY NO 1814 AND W/O WEB AT PORT A INCLUDES 2-850 118 C91 STANDARD PORT CHECKS FOR SERVICE ORDER -850 835 C91- VALVE W/ 70 DUROMETER SOFT-RUBBER SECTION SEALS ALSO REQUIRES AN 850 145 C91 VALVE AT PORT-A- TO REPLACE STD VALVE FOR SERVICE COMPONENTS REFER TO -VALVE 850 115 C91- THIS SECTION
6	850 116 C91	VALVE ASSY, 3 WAY W/ -R- DETENT BONNET FOR THREE POINT HITCH CONTROL VALVE BANK SECTION -3- W/GRESEN BODY NO 1814 AND W/O WEB AT PORT A INCLUDES 1-850 118 C91 STANDARD PORT CHECK VALVE FOR SERVICE ORDER -850 836 C91- VALVE W/ 70 DUROMETER SOFT-RUBBER SECTION SEALS FOR SERVICE COMPONENTS REFER TO -VALVE 850 116 C91- THIS SECTION
7	850 145 C91	VALVE ASSY, 2500 PSI PORT RELIEF FOR SERVICE COMPONENTS REFER TO -RELIEF VALVE- THIS SECTION
8	850 117 C91	VALVE ASSY, 4 WAY W/ STANDARD BONNET FOR LOADER TILT CONTROL VALVE BANK SECTION -2- W/GRESEN BODY NO 1814 AND W/O WEB AT PORT A INCLUDES 2-850 118 C91 STANDARD PORT CHECKS FOR SERVICE ORDER -850 837 C91- VALVE W/ 70 DUROMETER SOFT-RUBBER SECTION SEALS ALSO REQUIRES AN 850 146 C91 VALVE AT PORT-A- & AN 850 145 C91 VALVE AT PORT-B- TO REPLACE STD VALVES FOR SERVICE COMPONENTS REFER TO -VALVE 850 117 C91- THIS SECTION
9	850 146 C91	VALVE ASSY, 3000 PSI PORT RELIEF-2- FOR SERVICE COMPONENTS REFER TO -RELIEF VALVE- THIS SECTION
10	850 115 C91	VALVE ASSY, 4 WAY W/FLOAT BONNET FOR LOADER LIFT CONTROL VALVE BANK SECTION -1- W/GRESEN BODY NO 1814 AND W/O WEB AT PORT A INCLUDES 2-850 118 C91 STANDARD PORT CHECKS FOR SERVICE ORDER -850 835 C91- VALVE W/ 70 DUROMETER SOFT-RUBBER SECTION SEALS ALSO REQUIRES AN 850 146 C91 VALVE AT PORT-A-& AN 850 119 C91 VALVE AT PORT-B- TO REPLACE STD VALVES FOR SERVICE COMPONENTS REFER TO -VALVE 850 115 C91- THIS SECTION
11	850 119 C91	VALVE ASSY, ANTI-CAVITATION CHECK FOR SERVICE COMPONENTS REFER TO -CHECK VALVE- THIS SECTION
12	850 107 C92	VALVE ASSY, MAIN RELIEF
13	850 105 C1	COVER, VALVE BANK LH
14	850 151 C1 685 546 R1	STUD, VALVE BANK -3- NUT, 3/8-24 HEX -6-

REF. NO. PART NUMBER DESCRIPTION TC-210

THREE SECTION HYDRAULIC VALVE BANK -CONTINUED
FOR LOADER LIFT, TILT & CLAM CONTROL
FOR LOADER LIFT, TILT & 3 PT HITCH
OR AUXILIARY CONTROL

15	677 687 R1	LEVER, LOADER LIFT & TILT DUAL CONTROL
16	677 685 R1	LEVER, THREE POINT HITCH CONTROL
16	677 686 R1	LEVER, LOADER CLAM OR AUXILIARY CONTROL REFER TO - VALVE CONTROLS - THIS SECTION
17	850 145 C91	VALVE ASSY, 2500 PSI PORT RELIEF FOR AUXILIARY CONTROL FOR SERVICE COMPONENTS REFER TO -RELIEF VALVE- THIS SECTION
17		VALVE ASSY, -NOT USED- FOR THREE POINT HITCH CONTROL PORT -A- PLUGGED ON 3 WAY VALVE
17	850 118 C91	VALVE ASSY, STANDARD PORT CHECK FOR LOADER CLAM CONTROL FOR SERVICE COMPONENTS REFER TO -CHECK VALVE- THIS SECTION
18	850 145 C91	VALVE ASSY, 2500 PSI PORT RELIEF FOR LOADER CLAM CONTROL FOR SERVICE COMPONENTS REFER TO -RELIEF VALVE- THIS SECTION
18	850 118 C91	VALVE ASSY, STANDARD PORT CHECK FOR AUXILIARY OR THREE POINT HITCH CONTROL FOR SERVICE COMPONENTS REFER TO -CHECK VALVE- THIS SECTION
	850 162 C91	PACKAGE, MAIN RELIEF VALVE SEAL SERVICE CONSISTS OF \$1-O RING 343 900 R1 \$1-O RING 377 028 R1 \$1-SEAL 850 114 C1
	850 261 C91	KIT, IN-BETWEEN SECTION SEAL -2- W/ 90 DUROMETER HARD RUBBER SEALS CONSISTS OF- \$6-SEAL 384 578 R1 \$6-SEAL 384 376 R1
	850 383 C91	KIT, MASTER SEAL SERVICE FOR VALVE BANK W/ INTERNAL GROOVE MOUNTED SPOOL SEALS & 90 DUROMETER -HARD RUBBER- SECTION SEALS CONSISTS OF- \$12-SEAL 384 376 R1 \$12-SEAL 384 578 R1 \$16-O RING 364 885 R1 \$16-WASHER 850 123 C1 \$ 8-WASHER 850 124 C1 \$ 8-O RING 392 382 R1 \$ 8-O RING 392 385 R1 \$ 1-O RING 343 900 R1 \$ 1-O RING 377 028 R1 \$ 1-SEAL 850 114 C1 \$ 1-O RING 383 024 R1 \$ 1-WASHER 850 155 C1 \$ 1-O RING 297 459 R1 \$ 1-QUAD RING 850 130 C1 \$ 1-O RING 343 900 R1 4-BALL 17 007 R1 1-SEAL 850 120 C1



HYDRAULICS

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SECTION 10

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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THREE SECTION HYDRAULIC VALVE BANK
FOR LOADER LIFT, TILT & CLAM CONTROL
FOR LOADER LIFT, TILT & 3 PT HITCH
OR AUXILIARY CONTROL



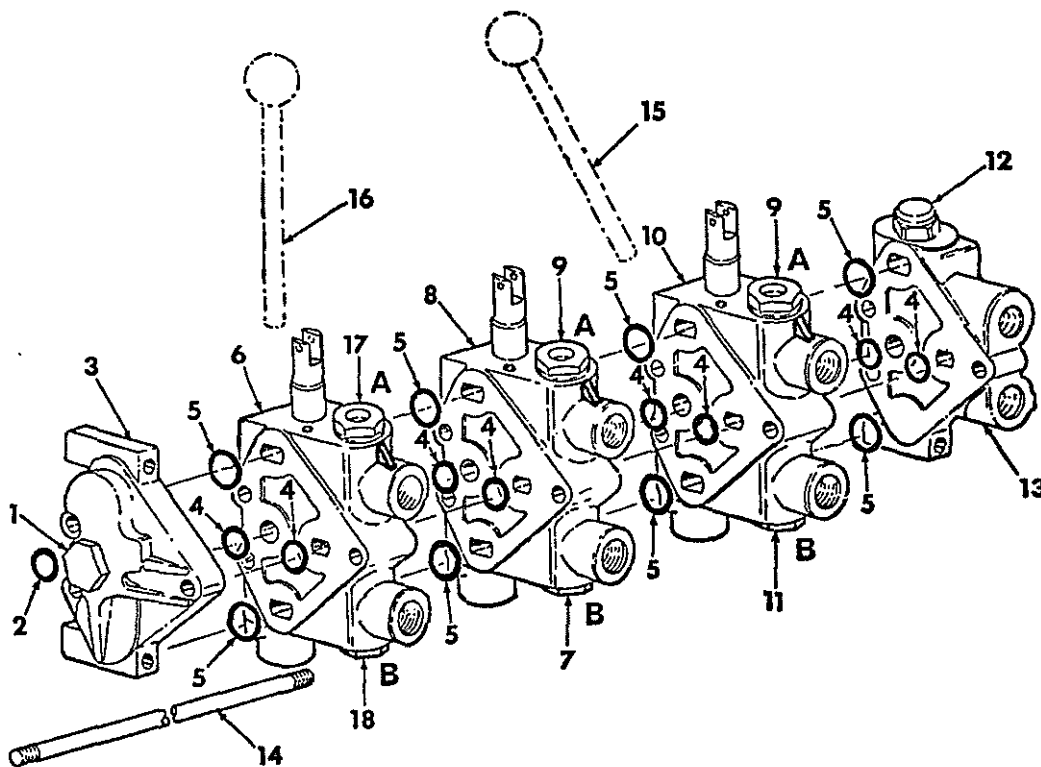
HYDRAULICS

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SECTION 10

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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THREE SECTION HYDRAULIC VALVE BANK -CONTINUED
FOR LOADER LIFT, TILT & CLAM CONTROL
FOR LOADER LIFT, TILT & 3 PT HITCH
OR AUXILIARY CONTROL



HE-838A

		VALVE ASSY, THREE SECTION -WITH EXTERNAL BORE MOUNTED SPOOL SEALS & 70 DUROMETER -SOFT RUBBER- SECTION SEALS CONSISTS OF ALL PARTS SHOWN	5	376 769 R1	SEAL, EXHAUST O RING -8- IN-BETWEEN SECTION 70 DUROMETER SOFT RUBBER TYPE NOT SERVICED SEPARATELY ORDER 2-850 827 C91 SEAL KIT
1	9 410 362	PLUG, 1-3/16 C-Z O-RING			
2	297 459 R1	O-RING			
3	850 828 C91	COVER ASSY, VALVE BANK RH GRESEN NO.6770 INCLUDES 2-364 840 R1 AND 2-376 769 R1 70 DUROMETER -SOFT RUBBER- SECTION SEALS			
4	364 840 R1	SEAL, PRESSURE O RING -8- IN-BETWEEN SECTION 70 DUROMETER SOFT RUBBER TYPE NOT SERVICED SEPARATELY ORDER 2-850 827 C91 SEAL KIT			
				6	850 837 C91 VALVE ASSY, 4 WAY W/ STANDARD BONNET FOR LOADER CLAM CONTROL VALVE BANK SECTION -3- W/GRESEN BODY NO 6721 AND W/ WEB AT PORT A INCLUDES 2-850 118 C91 STANDARD PORT CHECKS ALSO REQUIRES AN 850 145 C91 VALVE AT PORT-B- TO REPLACE STD VALVE FOR SERVICE COMPONENTS REFER TO -VALVE 850 837 C91- THIS SECTION



HYRAULICS

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SECTION 10

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
		THREE SECTION HYDRAULIC VALVE BANK -CONTINUED FOR LOADER LIFT, TILT & CLAM CONTROL FOR LOADER LIFT, TILT & 3 PT HITCH OR AUXILIARY CONTROL	
6	850 835 C91	VALVE ASSY, 4 WAY W/FLOAT BONNET FOR AUXILIARY CONTROL VALVE BANK SECTION -3- W/GRESEN BODY NO 6721 AND W/ WEB AT PORT A INCLUDES 2-850 118 C91 STANDARD PORT CHECKS ALSO REQUIRES AN 850 145 C91 VALVE AT PORT-A- TO REPLACE STD VALVE FOR SERVICE COMPONENTS REFER TO -VALVE 850 835 C91- THIS SECTION	
6	850 836 C91	VALVE ASSY, 3 WAY W/ -R- DETENT BONNET FOR THREE POINT HITCH CONTROL VALVE BANK SECTION -3- WITH GRESEN BODY NO 6721 AND W/ WEB AT PORT A INCLUDES 1-850 118 C91 STANDARD PORT CHECK VALVE FOR SERVICE COMPONENTS REFER TO -VALVE 850 836 C91- THIS SECTION	
7	850 145 C91	VALVE ASSY, 2500 PSI PORT RELIEF FOR SERVICE COMPONENTS REFER TO -RELIEF VALVE- THIS SECTION	
8	850 837 C91	VALVE ASSY, 4 WAY W/ STANDARD BONNET FOR LOADER TILT CONTROL VALVE BANK SECTION -2- W/GRESEN BODY NO 6721 AND W/ WEB AT PORT A INCLUDES 2-850 118 C91 STANDARD PORT CHECKS ALSO REQUIRES AN 850 146 C91 VALVE AT PORT-A-& AN 850 145 C91 VALVE AT PORT-B- TO REPLACE STD VALVE FOR SERVICE COMPONENTS REFER TO -VALVE 850 837 C91- THIS SECTION	
9	850 146 C91	VALVE ASSY, 3000 PSI PORT RELIEF-2- FOR SERVICE COMPONENTS REFER TO -RELIEF VALVE- THIS SECTION	
10	850 835 C91	VALVE ASSY, 4 WAY W/FLOAT BONNET FOR LOADER LIFT CONTROL VALVE BANK SECTION -1- W/GRESEN BODY NO 6721 AND W/ WEB AT PORT A INCLUDES 2-850 118 C91 STANDARD PORT CHECKS ALSO REQUIRES AN 850 146 C91 VALVE AT PORT-A-& AN 850 119 C91 VALVE AT PORT-B- TO REPLACE STD VALVES FOR SERVICE COMPONENTS REFER TO -VALVE 850 835 C91- THIS SECTION	
11	850 119 C91	VALVE ASSY, ANTI-CAVITATION CHECK FOR SERVICE COMPONENTS REFER TO -CHECK VALVE- THIS SECTION	
12	850 107 C92	VALVE ASSY, MAIN RELIEF	
13	850 105 C1	COVER, VALVE BANK LH	
14	850 151 C1 685 546 R1	STUD, VALVE BANK -3- NUT, 3/8-24 HEX -6-	
15	677 687 R1	LEVER, LOADER LIFT & TILT DUAL CONTROL	
16	677 685 R1	LEVER, THREE POINT HITCH CONTROL	
16	677 686 R1	LEVER, LOADER CLAM OR AUXILIARY CONTROL REFER TO - VALVE CONTROLS - THIS SECTION	



HYRAULICS

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SECTION 10

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
		THREE SECTION HYDRAULIC VALVE BANK -CONTINUED FOR LOADER LIFT, TILT & CLAM CONTROL FOR LOADER LIFT, TILT & 3 PT HITCH OR AUXILIARY CONTROL	
17	850 145 C91	VALVE ASSY, 2500 PSI PORT RELIEF FOR AUXILIARY CONTROL FOR SERVICE COMPONENTS REFER TO -RELIEF VALVE- THIS SECTION	
17	850 118 C91	VALVE ASSY, STANDARD PORT CHECK FOR LOADER CLAM CONTROL FOR SERVICE COMPONENTS REFER TO -CHECK VALVE- THIS SECTION	
17		VALVE ASSY, -NOT USED- FOR THREE POINT HITCH CONTROL PORT -A- PLUGGED ON 3 WAY VALVE	
18	850 145 C91	VALVE ASSY, 2500 PSI PORT RELIEF FOR LOADER CLAM CONTROL FOR SERVICE COMPONENTS REFER TO -RELIEF VALVE- THIS SECTION	
18	850 118 C91	VALVE ASSY, STANDARD PORT CHECK FOR AUXILIARY OR THREE POINT HITCH CONTROL FOR SERVICE COMPONENTS REFER TO -CHECK VALVE- THIS SECTION	
	850 162 C91	PACKAGE, MAIN RELIEF VALVE SEAL SERVICE CONSISTS OF \$1-0 RING 343 900 R1 \$1-0 RING 377 028 R1 \$1-SEAL 850 114 C1	
	850 827 C91	KIT, IN-BETWEEN SECTION SEAL-2- W/ 70 DUROMETER SOFT RUBBER SEALS CONSISTS OF- \$6-SEAL 364 840 R1 \$6-SEAL 376 769 R1	
	850 834 C91	KIT, MASTER SEAL SERVICE FOR VALVE BANK W/ EXTERNAL BORE MOUNTED SPOOL SEALS & 70 DUROMETER -SOFT RUBBER - SECTION SEALS CONSISTS OF- \$12-SEAL 376 769 R1 \$12-SEAL 364 840 R1 \$16-0 RING 364 885 R1 \$16-WASHER 850 123 C1 \$ 8-WASHER 850 124 C1 \$ 8-0 RING 392 382 R1 \$ 8-0 RING 392 385 R1 \$ 1-0 RING 343 900 R1 \$ 1-0 RING 377 028 R1 \$ 1-SEAL 850 114 C1 \$ 1-0 RING 383 024 R1 \$ 1-WASHER 850 155 C1 \$ 1-0 RING 297 459 R1 \$ 1-QUAD RING 850 130 C1 \$ 1-0 RING 343 900 R1 16-BALL 17 007 R1 6-SEAL 394 598 R1 6-WASHER 631 147 C1 6-RETAINER 850 880 C1 2-SEAL 850 883 C1 2-PLATE 850 884 C1	



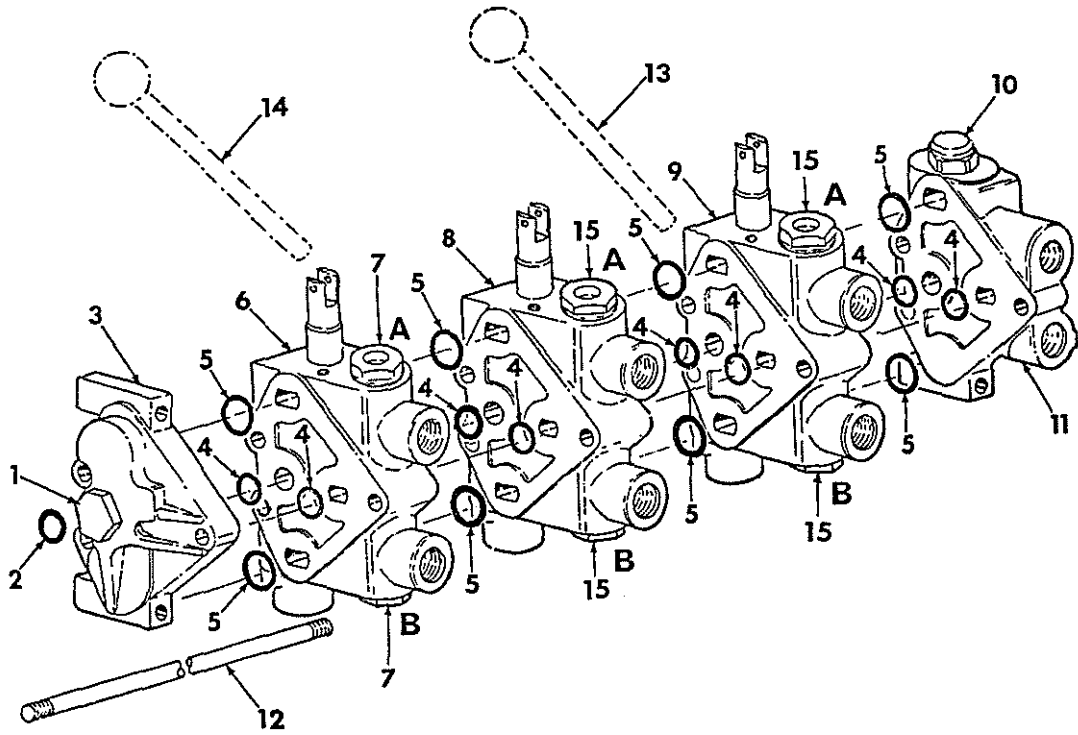
REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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THREE SECTION HYDRAULIC VALVE BANK FOR GRADER LIFT, TILT & ANGLE CONTROL



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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THREE SECTION HYDRAULIC VALVE BANK -CONTINUED FOR GRADER LIFT, TILT & ANGLE CONTROL



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HYRAULICS

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SECTION 10

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
		THREE SECTION HYDRAULIC VALVE BANK -CONTINUED FOR GRADER LIFT, TILT & ANGLE CONTROL	
		VALVE ASSY, THREE SECTION WITH INTERNAL GROOVE MOUNTED SPOOL SEALS & 90 DUROMETER -HARD RUBBER- SECTION SEALS CONSISTS OF ALL PARTS SHOWN	
1	9 410 362	PLUG, 1-3/16 C-Z O-RING	
2	297 459 R1	O-RING	
3		COVER, VALVE BANK RH GRESEN NO. 1816 FOR SERVICE ORDER 850 828 C91 COVER W/ 70 DUROMETER -SOFT RUBBER SECTION SEALS	
4	384 578 R1	SEAL, PRESSURE O RING -8- IN-BETWEEN SECTION 90 DUROMETER HARD RUBBER TYPE NOT SERVICED SEPARATELY ORDER 2-850 261 C91 SEAL KIT	
5	384 376 R1	SEAL, EXHAUST O RING -8- IN-BETWEEN SECTION 90 DUROMETER HARD RUBBER TYPE NOT SERVICED SEPARATELY ORDER 2-850 261 C91 SEAL KIT	
6	850 117 C91	VALVE ASSY, 4 WAY W/ STANDARD BONNET FOR GRADER ANGLE CONTROL BODY NO 1814 AND W/O WEB AT PORT A INCLUDES 2-850 118 C91 STANDARD PORT CHECKS FOR SERVICE ORDER -850 837 C91- VALVE W/ 70 DUROMETER SOFT-RUBBER SECTION SEALS ALSO REQUIRES AN 850 146 C91 VALVE AT PORT-A- AND AT PORT-B- TO REPLACE STD VALVES FOR SERVICE COMPONENTS REFER TO -VALVE 850 117 C91- THIS SECTION	
7	850 146 C91	VALVE ASSY, 3000 PSI PORT RELIEF-2- FOR SERVICE COMPONENTS REFER TO -RELIEF VALVE- THIS SECTION	
8	850 117 C91	VALVE ASSY, 4 WAY W/ STANDARD BONNET FOR GRADER TILT CONTROL VALVE BANK SECTION -2- W/GRESEN BODY NO 1814 AND W/O WEB AT PORT A INCLUDES 2-850 118 C91 STANDARD PORT CHECKS FOR SERVICE ORDER -850 837 C91- VALVE W/ 70 DUROMETER SOFT-RUBBER SECTION SEALS FOR SERVICE COMPONENTS REFER TO -VALVE 850 117 C91- THIS SECTION	
9	850 115 C91	VALVE ASSY, 4 WAY W/FLOAT BONNET FOR GRADER LIFT CONTROL VALVE BANK SECTION -1- W/GRESEN BODY NO 1814 AND W/O WEB AT PORT A INCLUDES 2- 850 118 C91 STANDARD PORT CHECK VALVES FOR SERVICE ORDER -850 835 C91- VALVE W/ 70 DUROMETER SOFT-RUBBER SECTION SEALS FOR SERVICE COMPONENTS REFER TO -VALVE 850 115 C91- THIS SECTION	
10	850 107 C92	VALVE ASSY, MAIN RELIEF	
11	850 105 C1	COVER, VALVE BANK LH	
12	850 151 C1 685 546 R1	STUD, VALVE BANK -3- NUT, 3/8-24 HEX -6-	
13	677 687 R1	LEVER, GRADER LIFT & TILT DUAL CONTROL	
14	677 686 R1	LEVER, GRADER ANGLE CONTROL REFER TO - VALVE CONTROLS - THIS SECTION	



HYRAULICS

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SECTION 10

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
		THREE SECTION HYDRAULIC VALVE BANK -CONTINUED FOR GRADER LIFT, TILT & ANGLE CONTROL	
15	850 118 C91	VALVE ASSY, STANDARD PORT CHECK-4- FOR SERVICE COMPONENTS REFER TO -CHECK VALVE- THIS SECTION	
	850 162 C91	PACKAGE, MAIN RELIEF VALVE SEAL SERVICE CONSISTS OF \$1-O RING 343 900 R1 \$1-O RING 377 028 R1 \$1-SEAL 850 114 C1	
	850 261 C91	KIT, IN-BETWEEN SECTION SEAL-2- W/ 90 DUROMETER HARD RUBBER SEALS CONSISTS OF- \$6-SEAL 384 578 R1 \$6-SEAL 384 376 R1	
	850 383 C91	KIT, MASTER SEAL SERVICE FOR VALVE BANK W/ INTERNAL GROOVE MOUNTED SPOOL SEALS & 90 DUROMETER -HARD RUBBER- SECTION SEALS CONSISTS OF- \$12-SEAL 384 376 R1 \$12-SEAL 384 578 R1 \$16-O RING 364 885 R1 \$16-WASHER 850 123 C1 \$ 8-WASHER 850 124 C1 \$ 8-O RING 392 382 R1 \$ 8-O RING 392 385 R1 \$ 1-O RING 343 900 R1 \$ 1-O RING 377 028 R1 \$ 1-SEAL 850 114 C1 \$ 1-O RING 383 024 R1 \$ 1-WASHER 850 155 C1 \$ 1-O RING 297 459 R1 \$ 1-QUAC RING 850 130 C1 \$ 1-O RING 343 900 R1 4-BALL 17 007 R1 1-SEAL 850 120 C1	



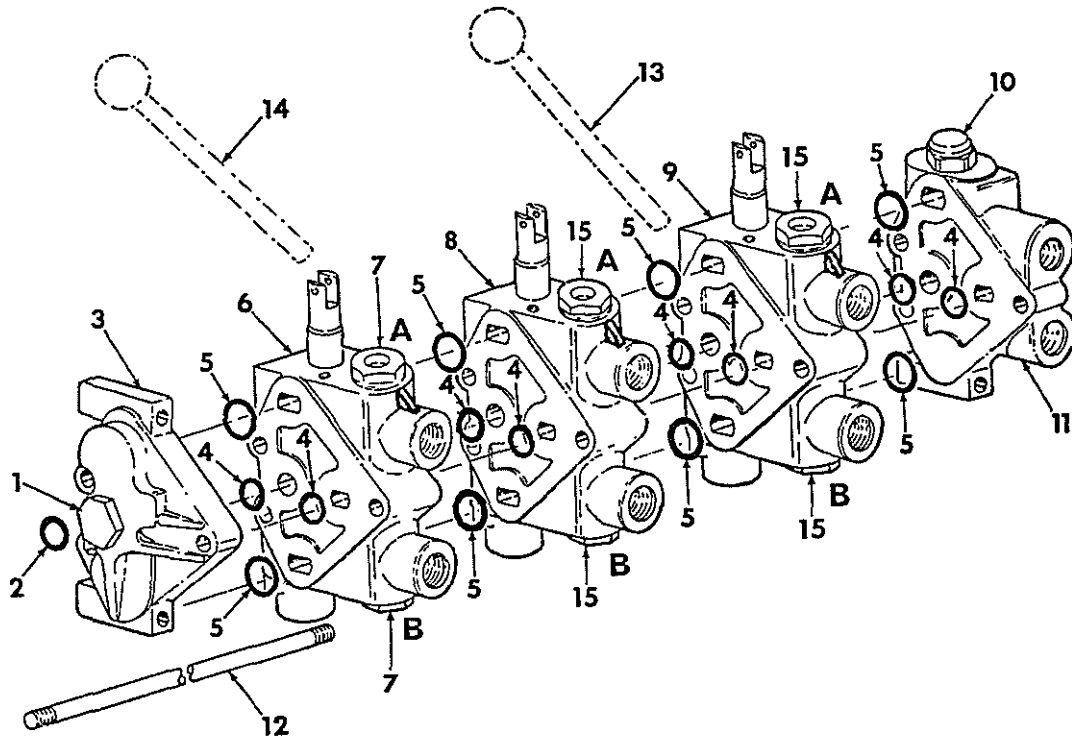
REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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THREE SECTION HYDRAULIC VALVE BANK FOR GRADER LIFT, TILT & ANGLE CONTROL



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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THREE SECTION HYDRAULIC VALVE BANK -CONTINUED FOR GRADER LIFT, TILT & ANGLE CONTROL



HE-838A



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
THREE SECTION HYDRAULIC VALVE BANK -CONTINUED FOR GRADER LIFT, TILT & ANGLE CONTROL			
		VALVE ASSY, THREE SECTION -WITH EXTERNAL BORE MOUNTED SPOOL SEALS & 70 DUROMETER -SOFT RUBBER- SECTION SEALS CONSISTS OF ALL PARTS SHOWN	
1	9 410 362	PLUG, 1-3/16 C-2 O-RING BOSS IN POWER BEYOND PORT	
2	297 459 R1	O-RING	
3	850 828 C91	COVER ASSY, VALVE BANK RH GRESEN NO.6770 INCLUDES 2-364 840 R1 AND 2-376 769 R1 70 DUROMETER -SOFT RUBBER- SECTION SEALS	
4	364 840 R1	SEAL, PRESSURE O RING -8- IN-BETWEEN SECTION 70 DUROMETER SOFT RUBBER TYPE NOT SERVICED SEPARATELY ORDER 2-850 827 C91 SEAL KIT	
5	376 769 R1	SEAL, EXHAUST O RING -8- IN-BETWEEN SECTION 70 DUROMETER SOFT RUBBER TYPE NOT SERVICED SEPARATELY ORDER 2-850 827 C91 SEAL KIT	
6	850 837 C91	VALVE ASSY, 4 WAY W/ STANDARD BONNET FOR GRADER ANGLE CONTROL VALVE BANK SECTION -3- WITH GRESEN BODY NO 6721 AND W/ WEB AT PORT A INCLUDES 2-850 118 C91 STANDARD PORT CHECKS ALSO REQUIRES AN 850 146 C91 VALVE AT PORT-A- AND AT PORT-B- TO REPLACE STD VALVES FOR SERVICE COMPONENTS REFER TO -VALVE 850 837 C91- THIS SECTION	
7	850 146 C91	VALVE ASSY, 3000 PSI PORT RELIEF-2- FOR SERVICE COMPONENTS REFER TO -RELIEF VALVE- THIS SECTION	
8	850 837 C91	VALVE ASSY, 4 WAY W/ STANDARD BONNET FOR GRADER TILT CONTROL VALVE BANK SECTION -2- W/GRESEN BODY NO 6721 AND W/ WEB AT PORT A INCLUDES 2-850 118 C91 STANDARD PORT CHECKS FOR SERVICE COMPONENTS REFER TO -VALVE 850 837 C91- THIS SECTION	
9	850 835 C91	VALVE ASSY, 4 WAY W/FLOAT BONNET FOR GRADER LIFT CONTROL VALVE BANK SECTION -1- W/GRESEN BODY NO 6721 AND W/ WEB AT PORT A INCLUDES 2- 850 118 C91 STANDARD PORT CHECK VALVES FOR SERVICE COMPONENTS REFER TO -VALVE 850 835 C91- THIS SECTION	
10	850 107 C92	VALVE ASSY, MAIN RELIEF	
11	850 105 C1	COVER, VALVE BANK LH	
12	850 151 C1 685 546 R1	STUD, VALVE BANK -3- NUT, 3/8-24 HEX -6-	
13	677 687 R1	LEVER, GRADER LIFT & TILT DUAL CONTROL	
14	677 686 R1	LEVER, GRADER ANGLE CONTROL REFER TO - VALVE CONTROLS - THIS SECTION	
15	850 118 C91	VALVE ASSY, STANDARD PORT CHECK-4- FOR SERVICE COMPONENTS REFER TO -CHECK VALVE- THIS SECTION	



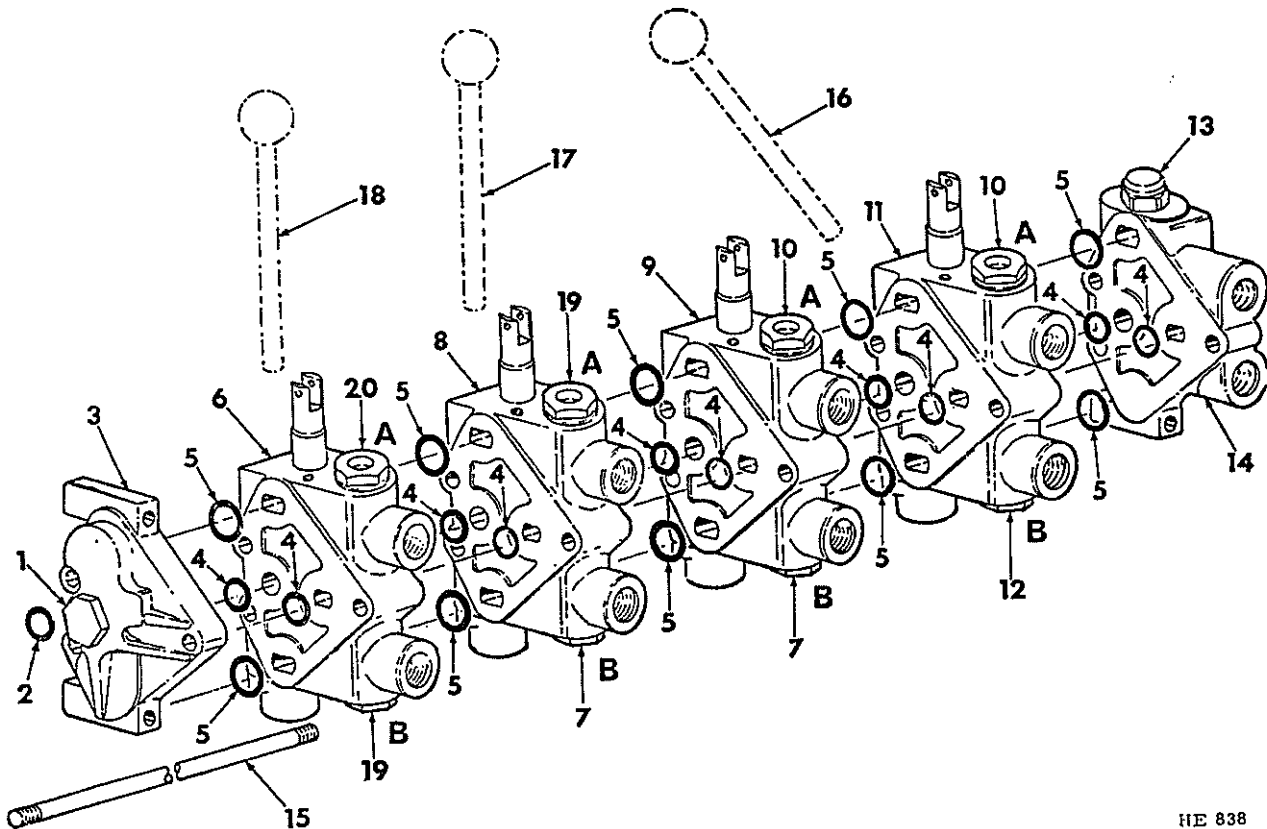
REF. NO.	PART NUMBER	DESCRIPTION	TC-210
THREE SECTION HYDRAULIC VALVE BANK -CONTINUED FOR GRADER LIFT, TILT & ANGLE CONTROL			
	850 162 C91	PACKAGE, MAIN RELIEF VALVE SEAL SERVICE CONSISTS OF \$1-O RING 343 900 R1 \$1-O RING 377 028 R1 \$1-SEAL 850 114 C1	
	850 827 C91	KIT, IN-BETWEEN SECTION SEAL-2- W/ 70 DUROMETER SOFT RUBBER SEALS CONSISTS OF- \$6-SEAL 364 840 R1 \$6-SEAL 376 769 R1	
	850 834 C91	KIT, MASTER SEAL SERVICE FOR VALVE BANK W/ EXTERNAL BORE MOUNTED SPOOL SEALS & 70 DUROMETER -SOFT RUBBER - SECTION SEALS CONSISTS OF- \$12-SEAL 376 769 R1 \$12-SEAL 364 840 R1 \$16-O RING 364 885 R1 \$16-WASHER 850 123 C1 \$ 8-WASHER 850 124 C1 \$ 8-O RING 392 382 R1 \$ 8-O RING 392 385 R1 \$ 1-O RING 343 900 R1 \$ 1-O RING 377 028 R1 \$ 1-SEAL 850 114 C1 \$ 1-O RING 383 024 R1 \$ 1-WASHER 850 155 C1 \$ 1-O RING 297 459 R1 \$ 1-QUAD RING 850 130 C1 \$ 1-O RING 343 900 R1 16-BALL 17 007 R1 6-SEAL 394 598 R1 6-WASHER 631 147 C1 6-RETAINER 850 880 C1 2-SEAL 850 883 C1 2-PLATE 850 884 C1	

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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FOUR SECTION HYDRAULIC VALVE BANK FOR LOADER LIFT, TILT, CLAM AND 3 POINT HITCH OR AUXILIARY CONTROL

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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FOUR SECTION HYDRAULIC VALVE BANK -CONTINUED FOR LOADER LIFT, TILT, CLAM AND 3 POINT HITCH OR AUXILIARY CONTROL



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VALVE ASSY, FOUR SECTION WITH INTERNAL GROOVE MOUNTED SPOOL SEALS & 90 DUROMETER -HARD RUBBER-SECTION SEALS CONSISTS OF ALL PARTS SHOWN

- 1 9 410 362 PLUG, 1-3/16 C-Z O-RING
- 2 297 459 R1 O-RING
- 3 COVER, VALVE BANK RH GRESSEN NO. 1816 FOR SERVICE ORDER 850 828 C91 COVER W/ 70 DUROMETER -SOFT RUBBER SECTION SEALS
- 4 384 578 R1 SEAL, PRESSURE O RING -10- IN-BETWEEN SECTION 90 DUROMETER HARD RUBBER TYPE NOT SERVICED SEPARATELY ORDER 2-850 261 C91 SEAL KIT

- 5 384 376 R1 SEAL, EXHAUST D RING -10- IN-BETWEEN SECTION 90 DUROMETER HARD RUBBER TYPE NOT SERVICED SEPARATELY ORDER 2-850 261 C91 SEAL KIT
- 6 850 115 C91 VALVE ASSY, 4 WAY W/FLOAT BONNET FOR AUXILIARY CONTROL VALVE BANK SECTION -4- W/GRESSEN BODY NO 1814 AND W/O WEB AT PORT A INCLUDES 2-850 118 C91 STANDARD PORT CHECKS FOR SERVICE ORDER -850 835 C91- VALVE W/ 70 DUROMETER SOFT-RUBBER SECTION SEALS ALSO REQUIRES AN 850 145 C91 VALVE AT PORT-A- TO REPLACE STD VALVE FOR SERVICE COMPONENTS REFER TO -VALVE 850 115 C91- THIS SECTION



HYRAULICS

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SECTION 10

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
		FOUR SECTION HYDRAULIC VALVE BANK -CONTINUED FOR LOADER LIFT, TILT, CLAM AND 3 POINT HITCH OR AUXILIARY CONTROL	
6	850 116 C91	VALVE ASSY, 3 WAY W/ -R- DETENT BONNET FOR THREE POINT HITCH CONTROL VALVE BANK SECTION -4- W/GRESEN BODY NO 1814 AND W/O WEB AT PORT A INCLUDES 1-850 118 C91 STANDARD PORT CHECK VALVE FOR SERVICE ORDER -850 836 C91- VALVE W/ 70 DUROMETER SOFT-RUBBER SECTION SEALS FOR SERVICE COMPONENTS REFER TO -VALVE 850 116 C91- THIS SECTION	
7	850 145 C91	VALVE ASSY, 2500 PSI PORT RELIEF -2- FOR SERVICE COMPONENTS REFER TO -RELIEF VALVE- THIS SECTION	
8	850 117 C91	VALVE ASSY, 4 WAY W/ STANDARD BONNET FOR LOADER CLAM CONTROL VALVE BANK SECTION -3- W/GRESEN BODY NO 1814 AND W/O WEB AT PORT A INCLUDES 2-850 118 C91 STANDARD PORT CHECKS FOR SERVICE ORDER -850 837 C91- VALVE W/ 70 DUROMETER SOFT-RUBBER SECTION SEALS ALSO REQUIRES AN 850 145 C91 VALVE AT PORT-B- TO REPLACE STD VALVE FOR SERVICE COMPONENTS REFER TO -VALVE 850 117 C91- THIS SECTION	
9	850 117 C91	VALVE ASSY, 4 WAY W/ STANDARD BONNET FOR LOADER TILT CONTROL VALVE BANK SECTION -2- W/GRESEN BODY NO 1814 AND W/O WEB AT PORT A INCLUDES 2-850 118 C91 STANDARD PORT CHECKS FOR SERVICE ORDER -850 837 C91- VALVE W/ 70 DUROMETER SOFT-RUBBER SECTION SEALS ALSO REQUIRES AN 850 146 C91 VALVE AT PORT-A- & AN 850 145 C91 VALVE AT PORT-B- TO REPLACE STD VALVES FOR SERVICE COMPONENTS REFER TO -VALVE 850 117 C91- THIS SECTION	
10	850 146 C91	VALVE ASSY, 3000 PSI PORT RELIEF-2- FOR SERVICE COMPONENTS REFER TO -RELIEF VALVE- THIS SECTION	
11	850 115 C91	VALVE ASSY, 4 WAY W/FLOAT BONNET FOR LOADER LIFT CONTROL VALVE BANK SECTION -1- W/GRESEN BODY NO 1814 AND W/O WEB AT PORT A INCLUDES 2-850 118 C91 STANDARD PORT CHECK VALVES FOR SERVICE ORDER -850 835 C91- VALVE W/ 70 DUROMETER SOFT-RUBBER SECTION SEALS ALSO REQUIRES AN 850 146 C91 VALVE AT PORT-A-& AN 850 119 C91 VALVE AT PORT-B- TO REPLACE STD VALVES FOR SERVICE COMPONENTS REFER TO -VALVE 850 115 C91- THIS SECTION	
12	850 119 C91	VALVE ASSY, ANTI-CAVITATION CHECK FOR SERVICE COMPONENTS REFER TO -CHECK VALVE- THIS SECTION	
13	850 107 C92	VALVE ASSY, MAIN RELIEF	
14	850 105 C1	COVER, VALVE BANK LH	
15	850 152 C1 685 546 R1	STUD, VALVE BANK -3- NUT, 3/8-24 HEX -6-	



HYRAULICS

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SECTION 10

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
		FOUR SECTION HYDRAULIC VALVE BANK -CONTINUED FOR LOADER LIFT, TILT, CLAM AND 3 POINT HITCH OR AUXILIARY CONTROL	
16	677 687 R1	LEVER, LOADER LIFT & TILT DUAL CONTROL	
17	677 686 R1	LEVER, LOADER CLAM CONTROL	
18	677 685 R1	LEVER, AUXILIARY OR THREE POINT HITCH CONTROL REFER TO - VALVE CONTROLS - THIS SECTION	
19	850 118 C91	VALVE ASSY, STANDARD PORT CHECK-2- FOR SERVICE COMPONENTS REFER TO -CHECK VALVE- THIS SECTION	
20	850 145 C91	VALVE ASSY, 2500 PSI PORT RELIEF FOR AUXILIARY CONTROL FOR SERVICE COMPONENTS REFER TO -RELIEF VALVE- THIS SECTION	
20		VALVE ASSY, -NOT USED- FOR THREE POINT HITCH CONTROL PORT -A- PLUGGED ON 3 WAY VALVE	
	850 162 C91	PACKAGE, MAIN RELIEF VALVE SEAL SERVICE CONSISTS OF \$1-O RING 343 900 R1 \$1-O RING 377 028 R1 \$1-SEAL 850 114 C1	
	850 261 C91	KIT, IN-BETWEEN SECTION SEAL-2- W/ 90 DUROMETER HARD RUBBER SEALS CONSISTS OF- \$6-SEAL 384 578 R1 \$6-SEAL 384 376 R1	
	850 383 C91	KIT, MASTER SEAL SERVICE FOR VALVE BANK W/ INTERNAL GROOVE MOUNTED SPOOL SEALS & 90 DUROMETER -HARD RUBBER- SECTION SEALS CONSISTS OF- \$12-SEAL 384 376 R1 \$12-SEAL 384 578 R1 \$16-O RING 364 885 R1 \$16-WASHER 850 123 C1 \$ 8-WASHER 850 124 C1 \$ 8-O RING 392 382 R1 \$ 8-O RING 392 385 R1 \$ 1-O RING 343 900 R1 \$ 1-O RING 377 028 R1 \$ 1-SEAL 850 114 C1 \$ 1-O RING 383 024 R1 \$ 1-WASHER 850 155 C1 \$ 1-O RING 297 459 R1 \$ 1-QUAD RING 850 130 C1 \$ 1-O RING 343 900 R1 4-BALL 17 007 R1 1-SEAL 850 120 C1	



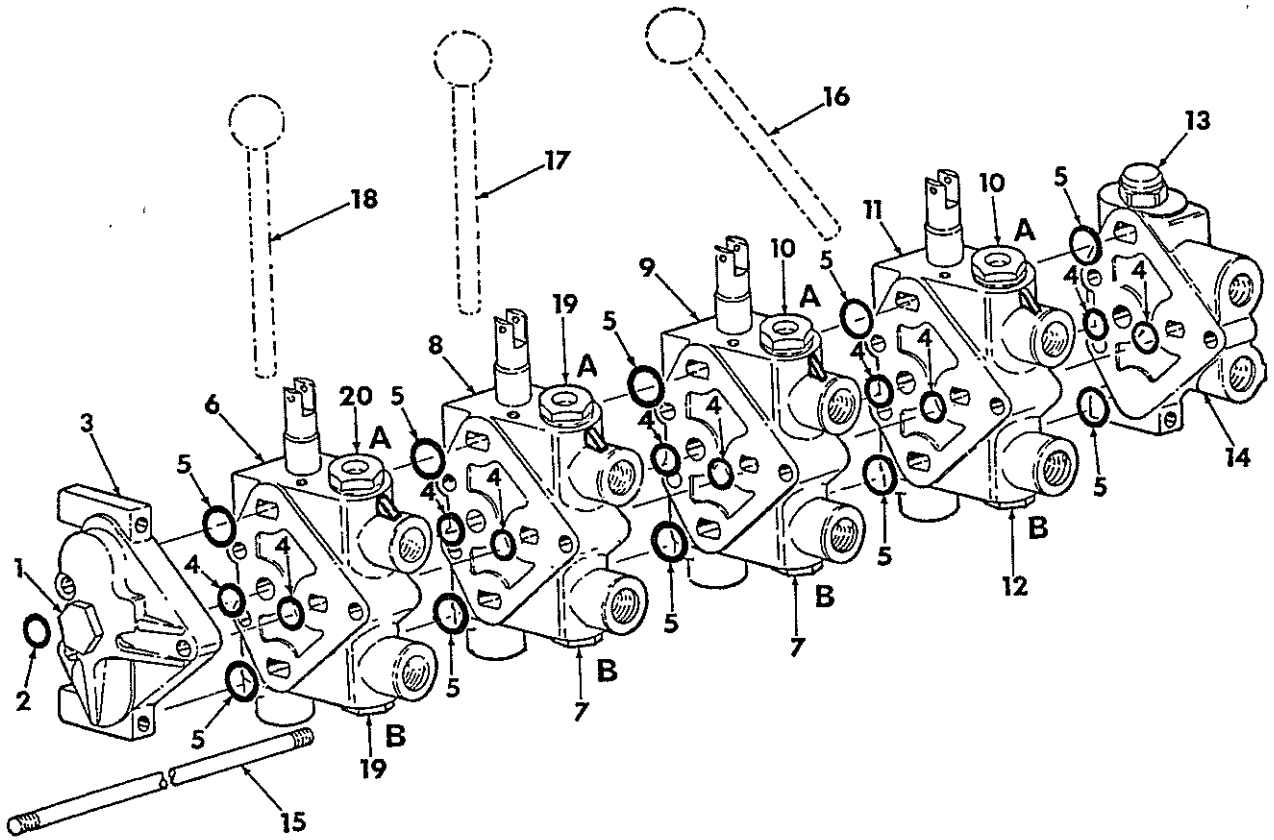
REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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FOUR SECTION HYDRAULIC VALVE BANK
FOR LOADER LIFT, TILT, CLAM AND
3 POINT HITCH OR AUXILIARY CONTROL



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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FOUR SECTION HYDRAULIC VALVE BANK -CONTINUED
FOR LOADER LIFT, TILT, CLAM AND
3 POINT HITCH OR AUXILIARY CONTROL



HE-838A

FOUR SECTION HYDRAULIC VALVE BANK -CONTINUED
 FOR LOADER LIFT, TILT, CLAM AND
 3 POINT HITCH OR AUXILIARY CONTROL

		VALVE ASSY, FOUR SECTION -WITH EXTERNAL BORE MOUNTED SPOOL SEALS & 70 DUROMETER -SOFT RUBBER- SECTION SEALS CONSISTS OF ALL PARTS SHOWN
1 9	410 362	PLUG, 1-3/16 C-2 O-RING
2	297 459 R1	O-RING
3	850 828 C91	COVER ASSY, VALVE BANK RH GRESEN NO.6770 INCLUDES 2-364 840 R1 AND 2-376 769 R1 70 DUROMETER -SOFT RUBBER- SECTION SEALS
4	364 840 R1	SEAL, PRESSURE O RING -10- IN-BETWEEN SECTION 70 DUROMETER SOFT RUBBER TYPE NOT SERVICED SEPARATELY ORDER 2-850 827 C91 SEAL KIT
5	376 769 R1	SEAL, EXHAUST O RING -10- IN-BETWEEN SECTION 70 DUROMETER SOFT RUBBER TYPE NOT SERVICED SEPARATELY ORDER 2-850 827 C91 SEAL KIT
6	850 835 C91	VALVE ASSY, 4 WAY W/FLOAT BONNET FOR AUXILIARY CONTROL VALVE BANK SECTION -4- W/GRESEN BODY NO 6721 AND W/ WEB AT PORT A INCLUDES 2- 850 118 C91 STANDARD PORT CHECK VALVES ALSO REQUIRES AN 850 145 C91 VALVE AT PORT-A- TO REPLACE STD VALVE FOR SERVICE COMPONENTS REFER TO -VALVE 850 835 C91- THIS SECTION
6	850 836 C91	VALVE ASSY, 3 WAY W/ -R- DETENT BONNET FOR THREE POINT HITCH CONTROL VALVE BANK SECTION -4- W/GRESEN BODY NO 6721 AND W/ WEB AT PORT A INCLUDES 1-850 118 C91 STANDARD PORT CHECK VALVE FOR SERVICE COMPONENTS REFER TO -VALVE 850 836 C91- THIS SECTION
7	850 145 C91	VALVE ASSY, 2500 PSI PORT RELIEF -2- FOR SERVICE COMPONENTS REFER TO -RELIEF VALVE- THIS SECTION
8	850 837 C91	VALVE ASSY, 4 WAY W/ STANDARD BONNET FOR LOADER CLAM CONTROL VALVE BANK SECTION -3- W/GRESEN BODY NO 6721 AND W/ WEB AT PORT A INCLUDES 2-850 118 C91 STANDARD PORT CHECKS ALSO REQUIRES AN 850 145 C91 VALVE AT PORT-B- TO REPLACE STD VALVE FOR SERVICE COMPONENTS REFER TO -VALVE 850 837 C91- THIS SECTION
9	850 837 C91	VALVE ASSY, 4 WAY W/ STANDARD BONNET FOR LOADER TILT CONTROL VALVE BANK SECTION -2- W/GRESEN BODY NO 6721 AND W/ WEB AT PORT A INCLUDES 2-850 118 C91 STANDARD PORT CHECKS ALSO REQUIRES AN 850 146 C91 VALVE AT PORT-A- & AN 850 145 C91 VALVE AT PORT-B- TO REPLACE STD VALVES FOR SERVICE COMPONENTS REFER TO -VALVE 850 837 C91- THIS SECTION
10	850 146 C91	VALVE ASSY, 3000 PSI PORT RELIEF-2- FOR SERVICE COMPONENTS REFER TO -RELIEF VALVE- THIS SECTION

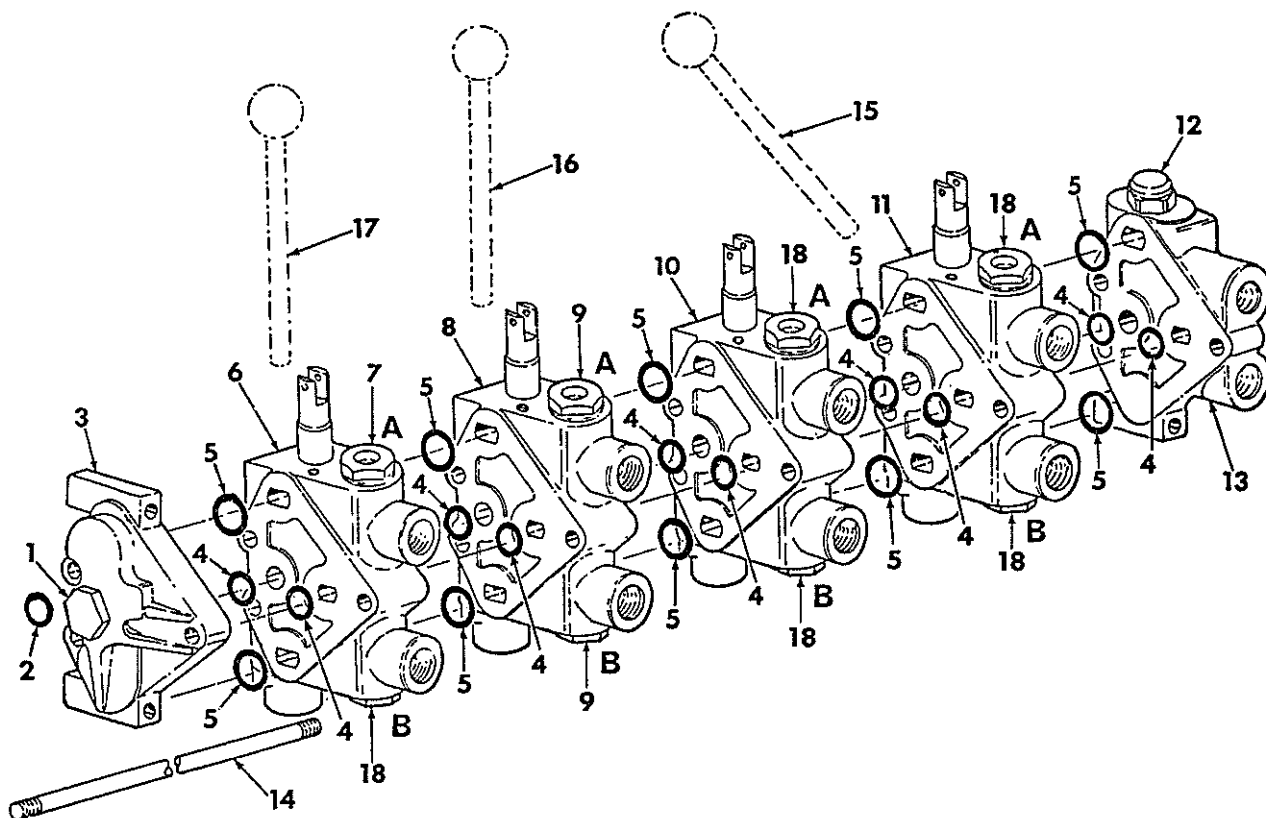
FOUR SECTION HYDRAULIC VALVE BANK -CONTINUED
 FOR LOADER LIFT, TILT, CLAM AND
 3 POINT HITCH OR AUXILIARY CONTROL

11	850 835 C91	VALVE ASSY, 4 WAY W/FLOAT BONNET FOR LOADER LIFT CONTROL VALVE BANK SECTION -1- W/GRESEN BODY NO 6721 AND W/ WEB AT PORT A INCLUDES 2- 850 118 C91 STANDARD PORT CHECK VALVES ALSO REQUIRES AN 850 146 C91 VALVE AT PORT-A-& AN 850 119 C91 VALVE AT PORT-B- TO REPLACE STD VALVES FOR SERVICE COMPONENTS REFER TO -VALVE 850 835 C91- THIS SECTION
12	850 119 C91	VALVE ASSY, ANTI-CAVITATION CHECK FOR SERVICE COMPONENTS REFER TO -CHECK VALVE- THIS SECTION
13	850 107 C92	VALVE ASSY, MAIN RELIEF
14	850 105 C1	COVER, VALVE BANK LH
15	850 152 C1 685 546 R1	STUD, VALVE BANK -3- NUT, 3/8-24 HEX -6-
16	677 687 R1	LEVER, LOADER LIFT & TILT DUAL CONTROL
17	677 686 R1	LEVER, LOADER CLAM CONTROL
18	677 685 R1	LEVER, AUXILIARY OR THREE POINT HITCH CONTROL REFER TO - VALVE CONTROLS - THIS SECTION
19	850 118 C91	VALVE ASSY, STANDARD PORT CHECK-2- FOR SERVICE COMPONENTS REFER TO -CHECK VALVE- THIS SECTION
20	850 145 C91	VALVE ASSY, 2500 PSI PORT RELIEF FOR AUXILIARY CONTROL FOR SERVICE COMPONENTS REFER TO -RELIEF VALVE- THIS SECTION
20		VALVE ASSY, -NOT USED- FOR THREE POINT HITCH CONTROL PORT -A- PLUGGED ON 3 WAY VALVE
	850 162 C91	PACKAGE, MAIN RELIEF VALVE SEAL SERVICE CONSISTS OF \$1-O RING 343 900 R1 \$1-O RING 377 028 R1 \$1-SEAL 850 114 C1
	850 827 C91	KIT, IN-BETWEEN SECTION SEAL-2- W/ 70 DUROMETER SOFT RUBBER SEALS CONSISTS OF- \$6-SEAL 364 840 R1 \$6-SEAL 376 769 R1
	850 834 C91	KIT, MASTER SEAL SERVICE FOR VALVE BANK W/ EXTERNAL BORE MOUNTED SPOOL SEALS & 70 DUROMETER -SOFT RUBBER - SECTION SEALS CONSISTS OF- \$12-SEAL 376 769 R1 \$12-SEAL 364 840 R1 \$16-O RING 364 885 R1 \$16-WASHER 850 123 C1 \$ 8-WASHER 850 124 C1 \$ 8-O RING 392 382 R1 \$ 8-O RING 392 385 R1 \$ 1-O RING 343 900 R1 \$ 1-O RING 377 028 R1 \$ 1-SEAL 850 114 C1 \$ 1-O RING 383 024 R1 \$ 1-WASHER 850 155 C1 \$ 1-O RING 297 459 R1 \$ 1-QUAD RING 850 130 C1 \$ 1-O RING 343 900 R1 16-BALL 17 007 R1 6-SEAL 394 598 R1 6-WASHER 631 147 C1 6-RETAINER 850 880 C1 2-SEAL 850 883 C1 2-PLATE 850 884 C1



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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FOUR SECTION HYDRAULIC VALVE BANK
FOR GRADER LIFT, TILT, ANGLE AND
3 POINT HITCH OR AUXILIARY CONTROL



HE-838

VALVE ASSY, FOUR SECTION
WITH INTERNAL GROOVE MOUNTED SPOOL
SEALS & 90 DUROMETER -HARD RUBBER-
SECTION SEALS
CONSISTS OF ALL PARTS SHOWN

1	9 410 362	PLUG, 1-3/16 C-Z O-RING
2	297 459 R1	O-RING
3		COVER, VALVE BANK RH GRESEN NO. 1816 FOR SERVICE ORDER 850 828 C91 COVER W/ 70 DUROMETER -SOFT RUBBER SECTION SEALS
4	384 578 R1	SEAL, PRESSURE O RING -10- IN-BETWEEN SECTION 90 DUROMETER HARD RUBBER TYPE NOT SERVICED SEPARATELY ORDER 2-850 261 C91 SEAL KIT



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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FOUR SECTION HYDRAULIC VALVE BANK -CONTINUED
FOR GRADER LIFT, TILT, ANGLE AND
3 POINT HITCH OR AUXILIARY CONTROL

5	384 376 R1	SEAL, EXHAUST O RING -10- IN-BETWEEN SECTION 90 DUROMETER HARD RUBBER TYPE NOT SERVICED SEPARATELY ORDER 2-850 261 C91 SEAL KIT
6	850 115 C91	VALVE ASSY, 4 WAY W/FLOAT BONNET FOR AUXILIARY CONTROL VALVE BANK SECTION -4- W/GRESEN BODY NO 1814 AND W/O WEB AT PORT A INCLUDES 2-850 118 C91 STANDARD PORT CHECK VALVES FOR SERVICE ORDER -850 835 C91- VALVE W/ 70 DUROMETER SOFT-RUBBER SECTION SEALS ALSO REQUIRES AN 850 145 C91 VALVE AT PORT-A- TO REPLACE STD VALVE FOR SERVICE COMPONENTS REFER TO -VALVE 850 115 C91- THIS SECTION



HYRAULICS

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SECTION 10

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
		FOUR SECTION HYDRAULIC VALVE BANK -CONTINUED FOR GRADER LIFT, TILT, ANGLE AND 3 POINT HITCH OR AUXILIARY CONTROL	
6	850 116 C91	VALVE ASSY, 3 WAY W/ -R- DETENT BONNET FOR THREE POINT HITCH CONTROL VALVE BANK SECTION -4- W/GRESEN BODY NO 1814 AND W/O WEB AT PORT A INCLUDES 1-850 118 C91 STANDARD PORT CHECK VALVE FOR SERVICE ORDER -850 836 C91- VALVE W/ 70 DUROMETER SOFT-RUBBER SECTION SEALS FOR SERVICE COMPONENTS REFER TO -VALVE 850 116 C91- THIS SECTION	
7	850 145 C91	VALVE ASSY, 2500 PSI PORT RELIEF FOR AUXILIARY CONTROL FOR SERVICE COMPONENTS REFER TO -RELIEF VALVE- THIS SECTION	
7		VALVE ASSY, -NOT USED- FOR THREE POINT HITCH CONTROL PORT -A- PLUGGED ON 3 WAY VALVE	
8	850 117 C91	VALVE ASSY, 4 WAY W/ STANDARD BONNET FOR GRADER ANGLE CONTROL VALVE BANK SECTION -3- WITH GRESEN BODY NO 1814 AND W/O WEB AT PORT A INCLUDES 2-850 118 C91 STANDARD PORT CHECKS FOR SERVICE ORDER -850 837 C91- VALVE W/ 70 DUROMETER SOFT-RUBBER SECTION SEALS ALSO REQUIRES AN 850 146 C91 VALVE AT PORT-A- AND AT PORT-B- TO REPLACE STD VALVES FOR SERVICE COMPONENTS REFER TO -VALVE 850 117 C91- THIS SECTION	
9	850 146 C91	VALVE ASSY, 3000 PSI PORT RELIEF-2- FOR SERVICE COMPONENTS REFER TO -RELIEF VALVE- THIS SECTION	
10	850 117 C91	VALVE ASSY, 4 WAY W/ STANDARD BONNET FOR GRADER TILT CONTROL VALVE BANK SECTION -2- W/GRESEN BODY NO 1814 AND W/O WEB AT PORT A INCLUDES 2-850 118 C91 STANDARD PORT CHECK VALVES FOR SERVICE ORDER -850 837 C91- VALVE W/ 70 DUROMETER SOFT-RUBBER SECTION SEALS FOR SERVICE COMPONENTS REFER TO -VALVE 850 117 C91- THIS SECTION	
11	850 115 C91	VALVE ASSY, 4 WAY W/FLOAT BONNET FOR GRADER LIFT CONTROL VALVE BANK SECTION -1- W/GRESEN BODY NO 1814 AND W/O WEB AT PORT A INCLUDES 2- 850 118 C91 STANDARD PORT CHECK VALVES FOR SERVICE ORDER -850 835 C91- VALVE W/ 70 DUROMETER SOFT-RUBBER SECTION SEALS FOR SERVICE COMPONENTS REFER TO -VALVE 850 115 C91- THIS SECTION	
12	850 107 C92	VALVE ASSY, MAIN RELIEF	
13	850 105 C1	COVER, VALVE BANK LH	
14	850 152 C1 685 546 R1	STUD, VALVE BANK -3- NUT, 3/8-24 HEX -6-	
15	677 687 R1	LEVER, GRADER LIFT & TILT DUAL CONTROL	
16	677 686 R1	LEVER, GRADER ANGLE CONTROL	
17	677 685 R1	LEVER, AUXILIARY OR THREE POINT HITCH CONTROL REFER TO - VALVE CONTROLS - THIS SECTION	



HYRAULICS

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SECTION 10

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
		FOUR SECTION HYDRAULIC VALVE BANK -CONTINUED FOR GRADER LIFT, TILT, ANGLE AND 3 POINT HITCH OR AUXILIARY CONTROL	
18	850 118 C91	VALVE ASSY, STANDARD PORT CHECK -5- FOR SERVICE COMPONENTS REFER TO -CHECK VALVE- THIS SECTION	
	850 162 C91	PACKAGE, MAIN RELIEF VALVE SEAL SERVICE CONSISTS OF \$1-O RING 343 900 R1 \$1-O RING 377 028 R1 \$1-SEAL 850 114 C1	
	850 261 C91	KIT, IN-BETWEEN SECTION SEAL-2- W/ 90 DUROMETER HARD RUBBER SEALS CONSISTS OF- \$6-SEAL 384 578 R1 \$6-SEAL 384 376 R1	
	850 383 C91	KIT, MASTER SEAL SERVICE FOR VALVE BANK W/ INTERNAL GROOVE MOUNTED SPOOL SEALS & 90 DUROMETER -HARD RUBBER- SECTION SEALS CONSISTS OF- \$12-SEAL 384 376 R1 \$12-SEAL 384 578 R1 \$16-O RING 364 885 R1 \$16-WASHER 850 123 C1 \$ 8-WASHER 850 124 C1 \$ 8-O RING 392 382 R1 \$ 8-O RING 392 385 R1 \$ 1-O RING 343 900 R1 \$ 1-O RING 377 028 R1 \$ 1-SEAL 850 114 C1 \$ 1-O RING 383 024 R1 \$ 1-WASHER 850 155 C1 \$ 1-O RING 297 459 R1 \$ 1-QUAD RING 850 130 C1 \$ 1-O RING 343 900 R1 4-BALL 17 007 R1 1-SEAL 850 120 C1	



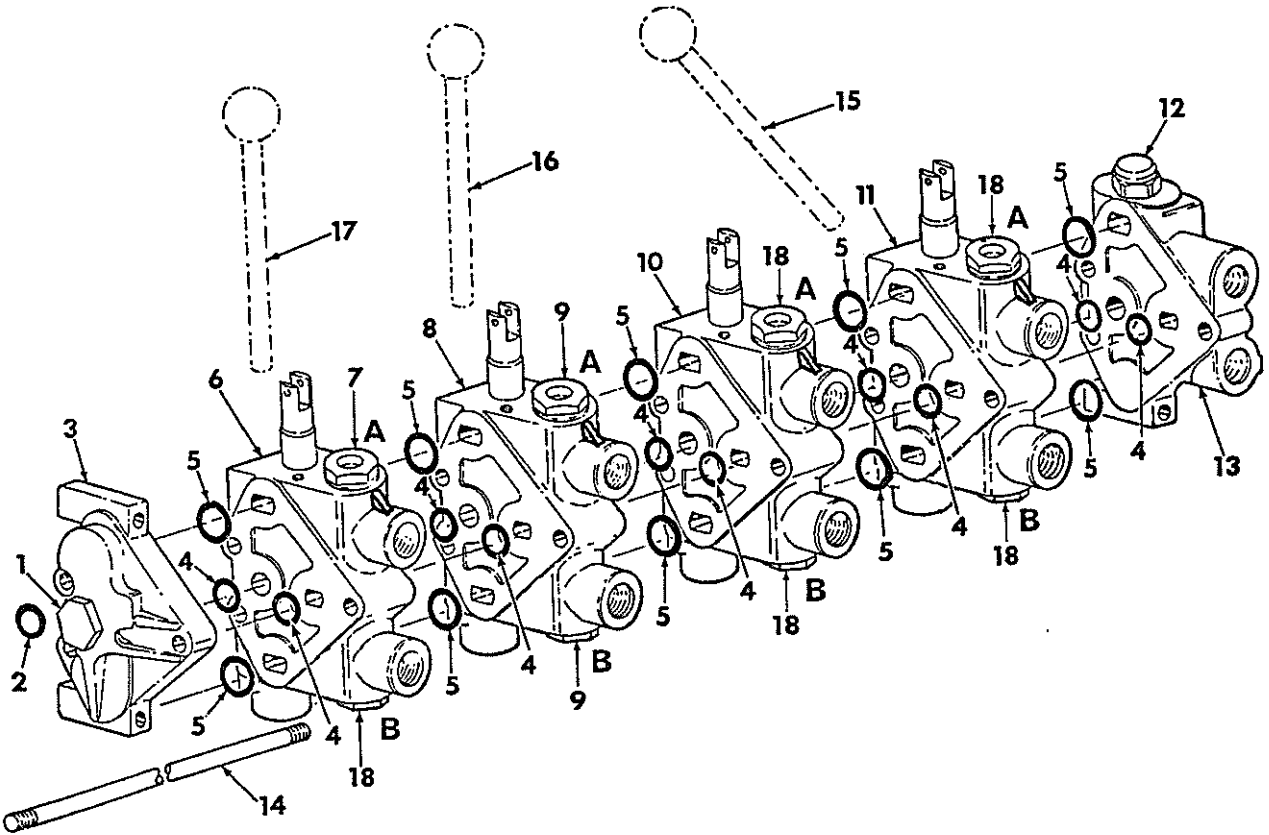
REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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FOUR SECTION HYDRAULIC VALVE BANK
FOR GRADER LIFT, TILT, ANGLE AND
3 POINT HITCH OR AUXILIARY CONTROL



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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FOUR SECTION HYDRAULIC VALVE BANK -CONTINUED
FOR GRADER LIFT, TILT, ANGLE AND
3 POINT HITCH OR AUXILIARY CONTROL



HE-838A



HYRAULICS

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SECTION 10

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
		FOUR SECTION HYDRAULIC VALVE BANK -CONTINUED FOR GRADER LIFT, TILT, ANGLE AND 3 POINT HITCH OR AUXILIARY CONTROL	
		VALVE ASSY, FOUR SECTION -WITH EXTERNAL BORE MOUNTED SPOOL SEALS & 70 DUROMETER -SOFT RUBBER- SECTION SEALS CONSISTS OF ALL PARTS SHOWN	
1	9 410 362	PLUG, 1-3/16 C-Z O-RING BOSS IN POWER BEYOND PORT	
2	297 459 R1	O-RING	
3	850 828 C91	COVER ASSY, VALVE BANK RH GRESEN NO.6770 INCLUDES 2-364 840 R1 AND 2-376 769 R1 70 DUROMETER -SOFT RUBBER- SECTION SEALS	
4	364 840 R1	SEAL, PRESSURE O RING -10- IN-BETWEEN SECTION 70 DUROMETER SOFT RUBBER TYPE NOT SERVICED SEPARATELY ORDER 2-850 827 C91 SEAL KIT	
5	376 769 R1	SEAL, EXHAUST O RING -10- IN-BETWEEN SECTION 70 DUROMETER SOFT RUBBER TYPE NOT SERVICED SEPARATELY ORDER 2-850 827 C91 SEAL KIT	
6	850 835 C91	VALVE ASSY, 4 WAY W/FLOAT BONNET FOR AUXILIARY CONTROL VALVE BANK SECTION -4- WITH GRESEN BODY NO 6721 AND W/ WEB AT PORT A INCLUDES 2- 850 118 C91 STANDARD PORT CHECK VALVES ALSO REQUIRES AN 850 145 C91 VALVE AT PORT-A- TO REPLACE STD VALVE FOR SERVICE COMPONENTS REFER TO -VALVE 850 835 C91- THIS SECTION	
6	850 836 C91	VALVE ASSY, 3 WAY W/ -R- DETENT BONNET FOR THREE POINT HITCH CONTROL VALVE BANK SECTION -4- W/GRESEN BODY NO 6721 AND W/ WEB AT PORT A INCLUDES 1-850 118 C91 STANDARD PORT CHECK VALVE FOR SERVICE COMPONENTS REFER TO -VALVE 850 836 C91- THIS SECTION	
7	850 145 C91	VALVE ASSY, 2500 PSI PORT RELIEF FOR SERVICE COMPONENTS REFER TO -RELIEF VALVE- THIS SECTION FOR AUXILIARY CONTROL	
7		VALVE ASSY, -NOT USED- FOR THREE POINT HITCH CONTROL PORT -A- PLUGGED ON 3 WAY VALVE	
8	850 837 C91	VALVE ASSY, 4 WAY W/ STANDARD BONNET FOR GRADER ANGLE CONTROL VALVE BANK SECTION -3- WITH GRESEN BODY NO 6721 AND W/ WEB AT PORT A INCLUDES 2-850 118 C91 STANDARD PORT CHECKS ALSO REQUIRES AN 850 146 C91 VALVE AT PORT-A- AND AT PORT-B- TO REPLACE STD VALVES FOR SERVICE COMPONENTS REFER TO -VALVE 850 837 C91- THIS SECTION	
9	850 146 C91	VALVE ASSY, 3000 PSI PORT RELIEF-2- FOR SERVICE COMPONENTS REFER TO -RELIEF VALVE- THIS SECTION	



HYRAULICS

-45-

SECTION 10

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
		FOUR SECTION HYDRAULIC VALVE BANK -CONTINUED FOR GRADER LIFT, TILT, ANGLE AND 3 POINT HITCH OR AUXILIARY CONTROL	
10	850 837 C91	VALVE ASSY, 4 WAY W/ STANDARD BONNET FOR GRADER TILT CONTROL VALVE BANK SECTION -2- W/GRESEN BODY NO 6721 AND W/ WEB AT PORT A INCLUDES 2-850 118 C91 STANDARD PORT CHECK VALVES FOR SERVICE COMPONENTS REFER TO -VALVE 850 837 C91- THIS SECTION	
11	850 835 C91	VALVE ASSY, 4 WAY W/FLOAT BONNET FOR GRADER LIFT CONTROL VALVE BANK SECTION -1- W/GRESEN BODY NO 6721 AND W/ WEB AT PORT A INCLUDES 2- 850 118 C91 STANDARD PORT CHECK VALVES FOR SERVICE COMPONENTS REFER TO -VALVE 850 835 C91- THIS SECTION	
12	850 107 C92	VALVE ASSY, MAIN RELIEF	
13	850 105 C1	COVER, VALVE BANK LH	
14	850 152 C1	STUD, VALVE BANK -3-	
	685 546 R1	NUT, 3/8-24 HEX -6-	
15	677 687 R1	LEVER, GRADER LIFT & TILT DUAL CONTROL	
16	677 686 R1	LEVER, GRADER ANGLE CONTROL	
17	677 685 R1	LEVER, AUXILIARY OR THREE POINT HITCH CONTROL REFER TO - VALVE CONTROLS - THIS SECTION	
18	850 118 C91	VALVE ASSY, STANDARD PORT CHECK -5- FOR SERVICE COMPONENTS REFER TO -CHECK VALVE- THIS SECTION	
	850 162 C91	PACKAGE, MAIN RELIEF VALVE SEAL SERVICE CONSISTS OF \$1-O RING 343 900 R1 \$1-O RING 377 028 R1 \$1-SEAL 850 114 C1	
	850 827 C91	KIT, IN-BETWEEN SECTION SEAL-2- W/ 70 DUROMETER SOFT RUBBER SEALS CONSISTS OF- \$6-SEAL 364 840 R1 \$6-SEAL 376 769 R1	
	850 834 C91	KIT, MASTER SEAL SERVICE FOR VALVE BANK W/ EXTERNAL BORE MOUNTED SPOOL SEALS & 70 DUROMETER -SOFT RUBBER - SECTION SEALS CONSISTS OF- \$12-SEAL 376 769 R1 \$12-SEAL 364 840 R1 \$16-O RING 364 885 R1 \$16-WASHER 850 123 C1 \$ 8-WASHER 850 124 C1 \$ 8-O RING 392 382 R1 \$ 8-O RING 392 385 R1 \$ 1-O RING 343 900 R1 \$ 1-O RING 377 028 R1 \$ 1-SEAL 850 114 C1 \$ 1-O RING 383 024 R1 \$ 1-WASHER 850 155 C1 \$ 1-O RING 297 459 R1 \$ 1-QUAD RING 850 130 C1 \$ 1-O RING 343 900 R1 16-BALL 17 007 R1 6-SEAL 394 598 R1 6-WASHER 631 147 C1 6-RETAINER 850 880 C1 2-SEAL 850 883 C1 2-PLATE 850 884 C1	



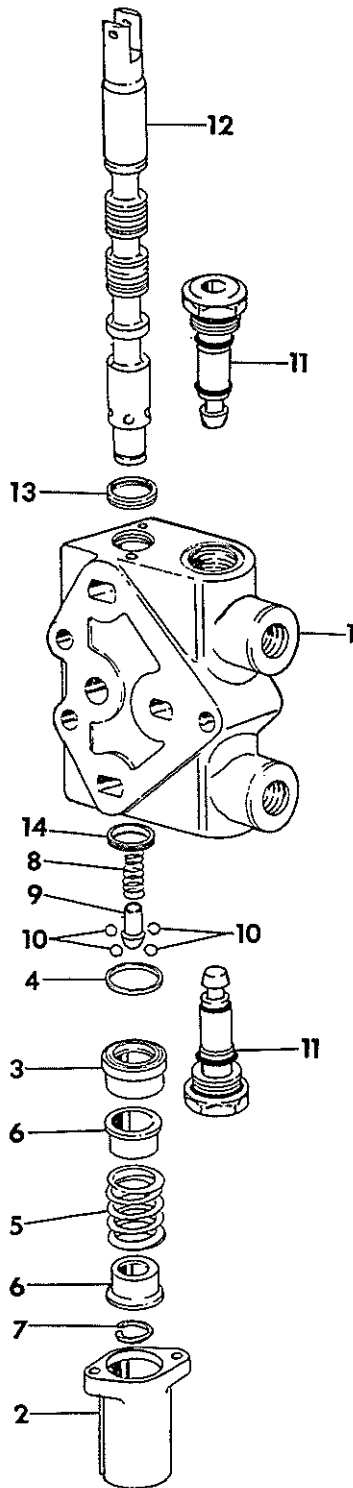
REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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HYDRAULIC CONTROL VALVE
 -4 WAY WITH FLDAT BONNET AND WITH
 INTERNAL GROOVE MOUNTED SPOOL SEALS



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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HYDRAULIC CONTROL VALVE -CONTINUED
 -4 WAY WITH FLDAT BONNET AND WITH
 INTERNAL GROOVE MOUNTED SPOOL SEALS



HE-844



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
		HYDRAULIC CONTROL VALVE -CONTINUED -4 WAY WITH FLOAT BONNET AND WITH INTERNAL GROOVE MOUNTED SPOOL SEALS	
	850 115 C91	VALVE ASSY, 4 WAY W/FLOAT BONNET VALVE BANK SECTION WITH GRESEN BODY NO 1814 AND W/O WEB AT PORT A FOR USE WITH 90 DUROMETER -HARD RUBBER- SECTION SEALS INCLUDES 2- 850 118 C91 STANDARD PORT CHECK VALVES CONSISTS OF ALL PARTS LISTED FOR SERVICE ORDER -850 835 C91- VALVE W/ 70 DUROMETER SOFT-RUBBER SECTION SEALS	
1		BODY, VALVE SECTION GRESEN NO 1814 W/O WEB AT PORT A NOT SERVICED SEPARATELY ORDER COMPLETE VALVE ASSY	
2	850 128 C1 271 212	BONNET, FLOAT SCREW ASSY, 1/4-20 X 7/8 -2- C/Z F-HD MACH W/LOCK WASHER	
3	850 129 C1	SLEEVE, DETENT	
4	343 900 R1	O-RING, DETENT SLEEVE	
5	850 131 C1	SPRING, CENTERING	
6	850 132 C1	COLLAR, STOP -2-	
7	267 805 R1	RING, RETAINING	
8	850 133 C1	SPRING, DETENT	
9	850 134 C1	GUIDE, DETENT BALL	
10	17 007 R1	BALL, 7/32 STEEL -4- DETENT BALL	
11	850 118 C91	VALVE ASSY, STANDARD PORT CHECK -2- FOR SERVICE COMPONENTS SEE LISTING -CHECK VALVE- THIS SECTION	
12		SPOOL, VALVE NOT SERVICED SEPARATELY ORDER COMPLETE VALVE ASSY	
13	850 120 C1	SEAL, SPOOL HANDLE END OF SPOOL	
14	850 130 C1	SEAL, SPOOL AT DETENT SLEEVE	
	850 165 C91	PACKAGE, VALVE SPOOL SEAL SERVICE FOR VALVE W/ FLOAT BONNET CONSISTS OF 1-SEAL, SPOOL 850 120 C1 1-SEAL, SPOOL 850 130 C1 4-BALL 17 007 R1 1-O RING 343 900 R1	



REF. NO.	PART NUMBER	DESCRIPTION	TC-210



HYRAULICS

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SECTION 10

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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HYDRAULIC CONTROL VALVE
-4 WAY WITH FLOAT BONNET AND WITH
EXTERNAL BORE MOUNTED SPOOL SEALS



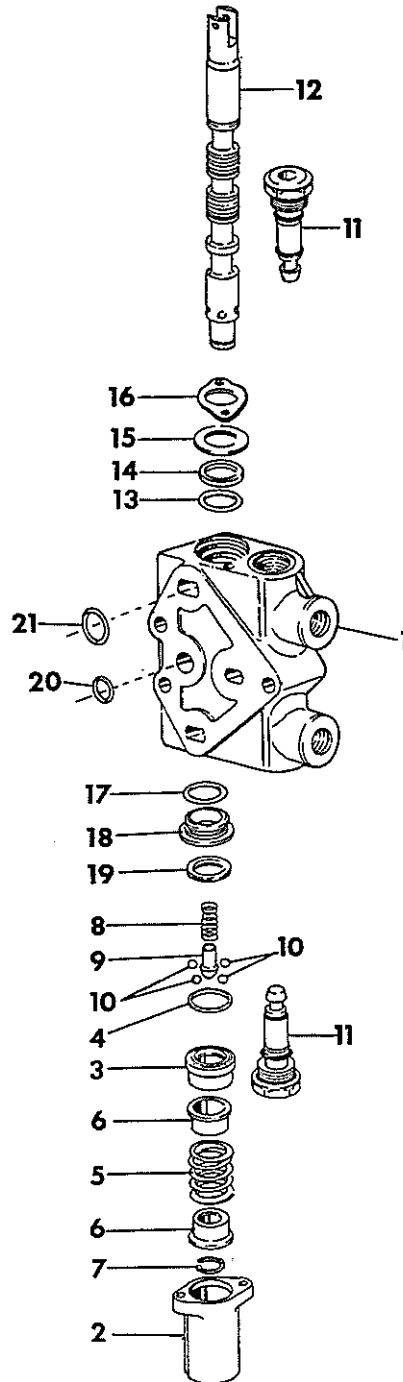
HYRAULICS

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SECTION 10

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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HYDRAULIC CONTROL VALVE -CONTINUED
-4 WAY WITH FLOAT BONNET AND WITH
EXTERNAL BORE MOUNTED SPOOL SEALS



HE-844A



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
		HYDRAULIC CONTROL VALVE -CONTINUED -4 WAY WITH FLOAT BONNET AND WITH EXTERNAL BORE MOUNTED SPOOL SEALS	
	850 835 C91	VALVE ASSY, 4 WAY W/FLOAT BONNET VALVE BANK SECTION WITH GRESN BODY NO 6721 AND W/ WEB AT PORT A FOR USE WITH 70 DUROMETER -SOFT RUBBER- SECTION SEALS INCLUDES 2- 850 118 C91 STANDARD PORT CHECK VALVES CONSISTS OF ALL PARTS LISTED	
1		BODY, VALVE SECTION GRESN NO 6721 W/ WEB AT PORT A NOT SERVICED SEPARATELY ORDER COMPLETE VALVE ASSY	
2	850 128 C1 271 212	BONNET, FLOAT SCREW, 1/4-20 X 7/8 F-HD -2- MACH W/L.W. - C-Z	
3	850 129 C1	SLEEVE, FLOAT DETENT	
4	343 900 R1	O-RING, DETENT SLEEVE	
5	850 131 C1	SPRING, CENTERING	
6	850 132 C1	COLLAR, STOP -2-	
7	267 805 R1	RING, RETAINING	
8	850 133 C1	SPRING, DETENT	
9	850 134 C1	GUIDE, DETENT BALL	
10	17 007 R1	BALL, 7/32 STEEL -4- DETENT BALL	
11	850 118 C91	VALVE ASSY, STANDARD PORT CHECK -2- FOR SERVICE COMPONENTS SEE LISTING -CHECK VALVE- THIS SECTION	
12		SPOOL, VALVE NOT SERVICED SEPARATELY ORDER COMPLETE VALVE ASSY	
	20 791 R1 137 133	PIN, 1/4 X 29/32 CLEVIS PIN, 1/16 X 7/16 COTTER	
13	384 598 R1	SEAL, SPOOL AT LEVER END	
14	631 147 C1	WASHER, SEAL BACK-UP	
15	850 880 C1	RETAINER, SEAL	
16	850 882 C1	PLATE, RETAINER NOT USED WHEN LEVER BRACKET MTD	
	114 353 120 380	SCREW, 1/4-20 X 1/2 MACH -2- WASHER, 1/4 LOCK -2-	
17	850 883 C1	SEAL, SPOOL AT BONNET END	
18	850 884 C1	PLATE, SEAL AT BONNET END	
19	850 130 C1	SEAL, SPOOL AT DETENT SLEEVE	
20	364 840 R1	SEAL, PRESSURE O RING -4- IN-BETWEEN SECTION 70 DUROMETER SOFT RUBBER TYPE NOT SERVICED SEPARATELY ORDER 1-850 827 C91 SEAL KIT	
21	376 769 R1	SEAL, EXHAUST O RING -4- IN-BETWEEN SECTION 70 DUROMETER SOFT RUBBER TYPE NOT SERVICED SEPARATELY ORDER 1-850 827 C91 SEAL KIT	



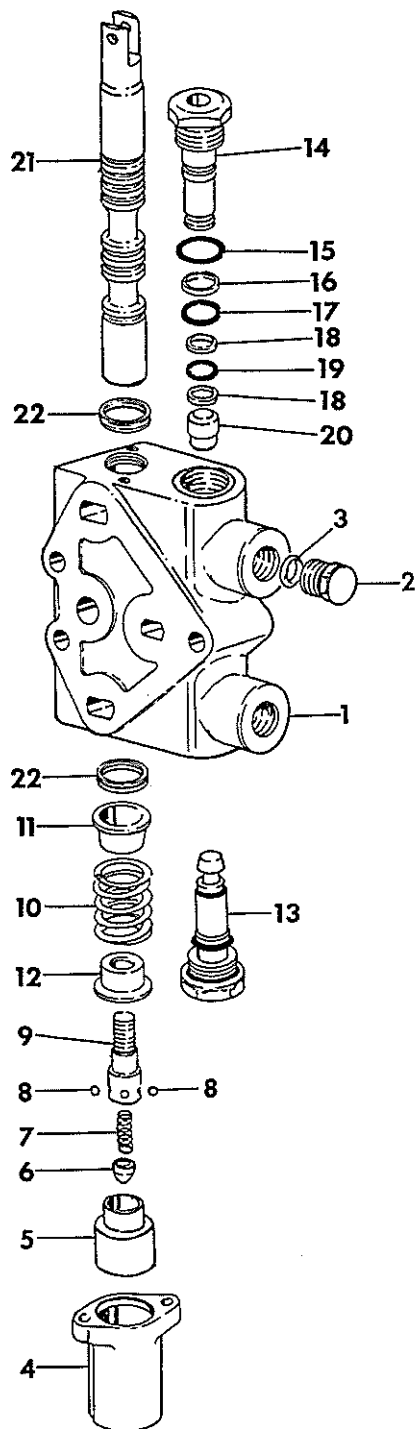
REF. NO.	PART NUMBER	DESCRIPTION	TC-210
		HYDRAULIC CONTROL VALVE -CONTINUED -4 WAY WITH FLOAT BONNET AND WITH EXTERNAL BORE MOUNTED SPOOL SEALS	
	850 827 C91	KIT, IN-BETWEEN SECTION SEAL W/ 70 DUROMETER SOFT RUBBER SEALS CONSISTS OF- \$6-SEAL 364 840 R1 \$6-SEAL 376 769 R1	
	850 829 C91	PACKAGE, VALVE SPOOL SEAL SERVICE FOR VALVE W/ FLOAT BONNET CONSISTS OF 1-SEAL, SPOOL 850 130 C1 4-BALL 17 007 R1 1-O RING 343 900 R1 1-SEAL, SPOOL 384 598 R1 1-WASHER 631 147 C1 1-RETAINER 850 880 C1 1-SEAL, SPOOL 850 883 C1 1-PLATE, SEAL 850 884 C1	

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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HYDRAULIC CONTROL VALVE
-3 WAY WITH DETENT BONNET AND WITH
INTERNAL GROOVE MOUNTED SPOOL SEALS

HYDRAULIC CONTROL VALVE -CONTINUED
-3 WAY WITH DETENT BONNET AND WITH
INTERNAL GROOVE MOUNTED SPOOL SEALS



HE-842



HYRAULICS

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SECTION 10

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
		HYDRAULIC CONTROL VALVE -CONTINUED -3 WAY WITH DETENT BONNET AND WITH INTERNAL GROOVE MOUNTED SPOOL SEALS	
	850 116 C91	VALVE ASSY, 3 WAY W/ -R- DETENT BONNET VALVE BANK SECTION W/ GRESEN BODY NO 1814 AND W/O WEB AT PORT A FOR USE WITH 90 DUROMETER -HARD RUBBER- SECTION SEALS INCLUDES 1-850 118 C91 STANDARD PORT CHECK VALVE CONSISTS OF ALL PARTS LISTED FOR SERVICE ORDER -850 836 C91- VALVE W/ 70 DUROMETER SOFT-RUBBER SECTION SEALS	
1		BODY, VALVE SECTION GRESEN NO 1814 W/O WEB AT PORT A NOT SERVICED SEPARATELY ORDER COMPLETE VALVE ASSY	
2	9 410 359	PLUG, 3/4-16 O RING BOSS INACTIVE PORT PLUG	
3	570 828 R1	O RING	
4	850 136 C1 271 212	BONNET, DETENT SCREW, 1/4-20 X 7/8 F-HD -2- MACH W/L.W. - C-Z	
5	850 885 C1 20 710 R1 120 423 120 394	SLEEVE, -R- DETENT SCREW, 1/4-20 X 1/2 PAN-HD SL-MACH-ZN WASHER, 1/4 INT T. LOCK WASHER, .406 X .812 X .051	
6	850 142 C1	GUIDE, DETENT BALL	
7	850 141 C1	SPRING, DETENT	
8	17 007 R1	BALL, 7/32 STEEL -4- DETENT BALL	
9	850 140 C1	HOLDER, DETENT	
10	850 131 C1	SPRING, CENTERING	
11	850 138 C1	COLLAR, STOP OUTER	
12	850 139 C1	COLLAR, STOP OUTER	
13	850 118 C91	VALVE ASSY, STANDARD PORT CHECK FOR SERVICE COMPONENTS SEE LISTING -CHECK VALVE- THIS SECTION	
14		BODY, CHECK VALVE-INACTIVE PORT NOT SERVICED SEPARATELY ORDER 1-850 118 C91 VALVE ASSY	
15	364 885 R1	O RING, BODY NOT SERVICED SEPARATELY ORDER 1-850 164 C91 SEAL PACKAGE	
16	850 124 C1	WASHER, O RING BACK-UP NOT SERVICED SEPARATELY ORDER 1-850 164 C91 SEAL PACKAGE	
17	392 385 R1	O RING, BODY OUTER NOT SERVICED SEPARATELY ORDER 1-850 164 C91 SEAL PACKAGE	
18	850 123 C1	WASHER, O RING BACK-UP -2- NOT SERVICED SEPARATELY ORDER 1-850 164 C91 SEAL PACKAGE	
19	392 382 R1	O RING, BODY INNER NOT SERVICED SEPARATELY ORDER 1-850 164 C91 SEAL PACKAGE	
20	850 135 C1	PLUG, 3 WAY CONVERSION	
21		SPOOL, VALVE NOT SERVICED SEPARATELY ORDER COMPLETE VALVE ASSY	



HYRAULICS

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SECTION 10

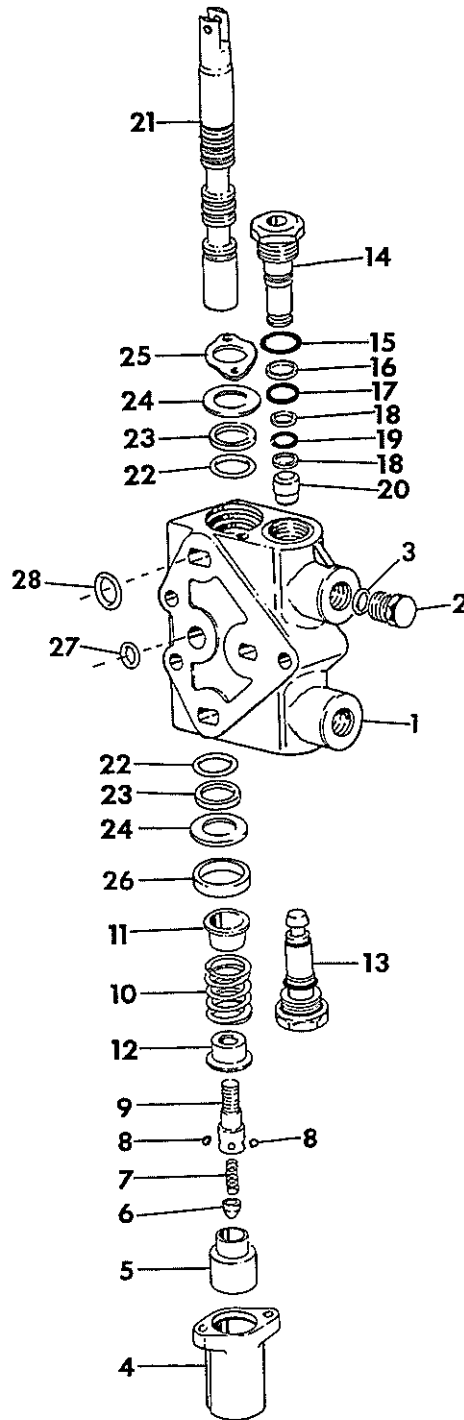
REF. NO.	PART NUMBER	DESCRIPTION	TC-210
		HYDRAULIC CONTROL VALVE -CONTINUED -3 WAY WITH DETENT BONNET AND WITH INTERNAL GROOVE MOUNTED SPOOL SEALS	
22	850 120 C1	SEAL, SPOOL -2-	
	850 164 C91	PACKAGE, INACTIVE PORT CHECK VALVE SEAL SERVICE CONSISTS OF \$2-O RING 364 885 R1 \$1-O RING 392 382 R1 \$2-WASHER 850 123 C1 \$1-O RING 392 385 R1 \$1-WASHER 850 124 C1	

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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HYDRAULIC CONTROL VALVE
 -3 WAY WITH DETENT BONNET AND WITH
 EXTERNAL BORE MOUNTED SPOOL SEALS

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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HYDRAULIC CONTROL VALVE -CONTINUED
 -3 WAY WITH DETENT BONNET AND WITH
 EXTERNAL BORE MOUNTED SPOOL SEALS



HE-842A

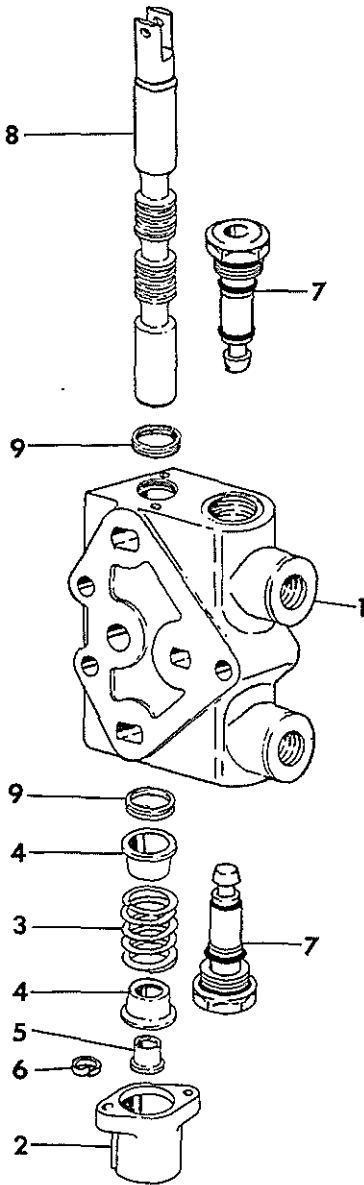
HYDRAULICS		-53-	SECTION 10
REF. NO.	PART NUMBER	DESCRIPTION	TC-210
		HYDRAULIC CONTROL VALVE -CONTINUED -3 WAY WITH DETENT BONNET AND WITH EXTERNAL BORE MOUNTED SPOOL SEALS	
	850 836 C91	VALVE ASSY, 3 WAY W/ -R- DETENT BONNET VALVE BANK SECTION W/ GRESEN BODY NO 6721 AND W/ WEB AT PORT A FOR USE WITH 70 DUROMETER -SOFT RUBBER- SECTION SEALS INCLUDES 1-850 118 C91 STANDARD PORT CHECK VALVE CONSISTS OF ALL PARTS LISTED	
1		BODY, VALVE SECTION GRESEN NO 6721 W/ WEB AT PORT A NOT SERVICED SEPARATELY ORDER COMPLETE VALVE ASSY	
2	9 410 359	PLUG, 3/4-16 O RING BOSS INACTIVE PORT PLUG	
3	570 828 R1	O RING	
4	850 136 C1 271 212	BONNET, DETENT SCREW, 1/4-20 X 7/8 F-HD -2- MACH W/L.W. - C-Z	
5	850 885 C1 20 710 R1	SLEEVE, -R- DETENT SCREW, 1/4-20 X 1/2 PAN-HD SL-MACH-ZN	
	120 423 120 394	WASHER, 1/4 INT T. LOCK WASHER, .406 X .812 X .051	
6	850 142 C1	GUIDE, DETENT BALL	
7	850 141 C1	SPRING, DETENT	
8	17 007 R1	BALL, 7/32 STEEL -4- DETENT BALL	
9	850 140 C1	HOLDER, DETENT	
10	850 131 C1	SPRING, CENTERING	
11	850 138 C1	COLLAR, STOP INNER	
12	850 139 C1	COLLAR, STOP OUTER	
13	850 118 C91	VALVE ASSY, STANDARD PORT CHECK FOR SERVICE COMPONENTS SEE LISTING -CHECK VALVE- THIS SECTION	
14		BODY, CHECK VALVE-INACTIVE PORT NOT SERVICED SEPARATELY ORDER 1-850 118 C91 VALVE ASSY	
15	364 885 R1	O RING, BODY NOT SERVICED SEPARATELY ORDER 1-850 164 C91 SEAL PACKAGE	
16	850 124 C1	WASHER, O RING BACK-UP NOT SERVICED SEPARATELY ORDER 1-850 164 C91 SEAL PACKAGE	
17	392 385 R1	O RING, BODY OUTER NOT SERVICED SEPARATELY ORDER 1-850 164 C91 SEAL PACKAGE	
18	850 123 C1	WASHER, O RING BACK-UP -2- NOT SERVICED SEPARATELY ORDER 1-850 164 C91 SEAL PACKAGE	
19	392 382 R1	O RING, BODY INNER NOT SERVICED SEPARATELY ORDER 1-850 164 C91 SEAL PACKAGE	
20	850 135 C1	PLUG, 3 WAY CONVERSION	
21		SPOOL, VALVE NOT SERVICED SEPARATELY ORDER COMPLETE VALVE ASSY	
	20 791 R1 137 133	PIN, 1/4 X 29/32 CLEVIS PIN, 1/16 X 7/16 COTTER	

HYDRAULICS		-53-	SECTION 10
REF. NO.	PART NUMBER	DESCRIPTION	TC-210
		HYDRAULIC CONTROL VALVE -CONTINUED -3 WAY WITH DETENT BONNET AND WITH EXTERNAL BORE MOUNTED SPOOL SEALS	
22	384 598 R1	SEAL, SPOOL-2-	
23	631 147 C1	WASHER, SEAL BACK-UP -2-	
24	850 880 C1	RETAINER, SEAL -2-	
25	850 882 C1	PLATE, RETAINER NOT USED WHEN LEVER BRACKET MTD	
	114 353 120 380	SCREW, 1/4-20 X 1/2 MACH -2- WASHER, 1/4 LOCK -2-	
26	850 887 C1	SLEEVE, SEAL PRESSURE IN BONNET	
27	364 840 R1	SEAL, PRESSURE O RING -4- IN-BETWEEN SECTION 70 DUROMETER SOFT RUBBER TYPE NOT SERVICED SEPARATELY ORDER 1-850 827 C91 SEAL KIT	
28	376 769 R1	SEAL, EXHAUST O RING -4- IN-BETWEEN SECTION 70 DUROMETER SOFT RUBBER TYPE NOT SERVICED SEPARATELY ORDER 1-850 827 C91 SEAL KIT	
	850 164 C91	PACKAGE, INACTIVE PORT CHECK VALVE SEAL SERVICE CONSISTS OF	
		\$2-O RING	364 885 R1
		\$1-O RING	392 382 R1
		\$2-WASHER	850 123 C1
		\$1-O RING	392 385 R1
		\$1-WASHER	850 124 C1
	850 827 C91	KIT, IN-BETWEEN SECTION SEAL W/ 70 DUROMETER SOFT RUBBER SEALS CONSISTS OF-	
		\$6-SEAL	364 840 R1
		\$6-SEAL	376 769 R1
	850 881 C91	PACKAGE, VALVE SPOOL SEAL SERVICE FOR VALVE W/DETENT BONNET CONSISTS OF	
		4-BALL	17 007 R1
		2-SEAL, SPOOL	384 598 R1
		2-WASHER	631 147 C1
		2-RETAINER	850 880 C1



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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HYDRAULIC CONTROL VALVE
-4 WAY WITH STANDARD BONNET AND WITH
INTERNAL GROOVE MOUNTED SPOOL SEALS



HE-843



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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HYDRAULIC CONTROL VALVE -CONTINUED
-4 WAY WITH STANDARD BONNET AND WITH
INTERNAL GROOVE MOUNTED SPOOL SEALS

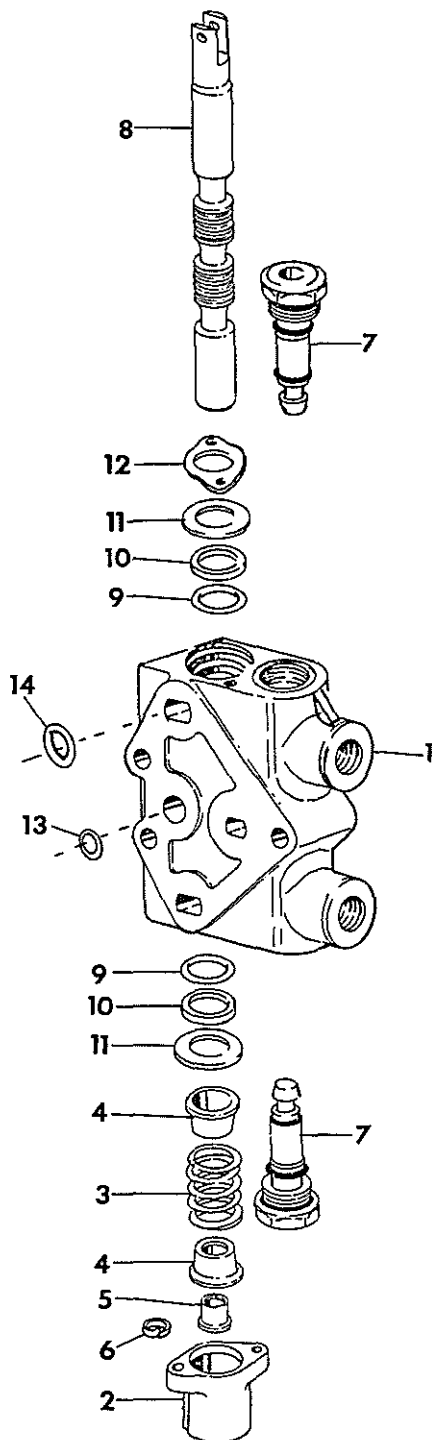
850 117 C91 VALVE ASSY, 4 WAY W/ STANDARD BONNET
VALVE BANK SECTION WITH GRESEN
BODY NO 1814 AND W/O WEB AT PORT A
INCLUDES 2-850 118 C91
STANDARD PORT CHECKS
FOR USE WITH 90 DUROMETER
-HARD RUBBER- SECTION SEALS
CONSISTS OF ALL PARTS LISTED

- | | | |
|---|-----------------------|---|
| 1 | | BODY, VALVE SECTION
GRESEN NO 1814 W/O WEB AT PORT A
NOT SERVICED SEPARATELY
ORDER COMPLETE VALVE ASSY |
| 2 | 850 143 C1
271 212 | BONNET, STD
SCREW ASSY, 1/4-20 X 7/8 -2-
C-Z F-HD MACH W/LOCKWASHER |
| 3 | 850 131 C1 | SPRING, CENTERING |
| 4 | 850 138 C1 | COLLAR, STOP -2- |
| 5 | 850 144 C1
426 367 | COLLAR, SPOOL
SCREW, 5/16-18 X 3/4 C-Z
TYPE S HEX-SKT-HD CAP |
| 6 | 136 251 R1 | WASHER, 5/16 LOCK |
| 7 | 850 118 C91 | VALVE ASSY, STANDARD PORT CHECK -2-
FOR SERVICE COMPONENTS SEE LISTING
-CHECK VALVE- THIS SECTION |
| 8 | | SPOOL, VALVE
NOT SERVICED SEPARATELY
ORDER COMPLETE VALVE ASSY |
| 9 | 850 120 C1 | SEAL, SPOOL -2- |



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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HYDRAULIC CONTROL VALVE
-4 WAY WITH STANDARD BONNET AND WITH
EXTERNAL BORE MOUNTED SPOOL SEALS



HE-843A



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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HYDRAULIC CONTROL VALVE -CONTINUED
-4 WAY WITH STANDARD BONNET AND WITH
EXTERNAL BORE MOUNTED SPOOL SEALS

	850 837 C91	VALVE ASSY, 4 WAY W/ STANDARD BONNET VALVE BANK SECTION WITH GRESEN BODY NO 6721 AND W/ WEB AT PORT A INCLUDES 2-850 118 C91 STANDARD PORT CHECKS FOR USE WITH 70 DUROMETER -SOFT RUBBER- SECTION SEALS CONSISTS OF ALL PARTS LISTED	
1		BODY, VALVE SECTION GRESEN NO 6721 W/ WEB AT PORT A NOT SERVICED SEPARATELY ORDER COMPLETE VALVE ASSY	
2	850 143 C1 271 212	BONNET, STANDARD SCREW, 1/4-20 X 7/8 F-HD -2- MACH W/L.W. - C-Z	
3	850 131 C1	SPRING, CENTERING	
4	850 138 C1	COLLAR, STOP -2-	
5	850 144 C1 426 367	COLLAR, SPOOL SCREW, 5/16-18 X 3/4 C-Z TYPE S HEX-SKT-HD-CAP	
6	136 251 R1	WASHER, 5/16 LOCK	
7	850 118 C91	VALVE ASSY, STANDARD PORT CHECK -2- FOR SERVICE COMPONENTS SEE LISTING -CHECK VALVE- THIS SECTION	
8		SPOOL, VALVE NOT SERVICED SEPARATELY ORDER COMPLETE VALVE ASSY	
	20 791 R1 137 133	PIN, 1/4 X 29/32 CLEVIS PIN, 1/16 X 7/16 COTTER	
9	384 598 R1	SEAL, SPOOL-2-	
10	631 147 C1	WASHER, SEAL BACK-UP -2-	
11	850 880 C1	RETAINER, SEAL -2-	
12	850 882 C1	PLATE, RETAINER NOT USED WHEN LEVER BRACKET MTD SCREW, 1/4-20 X 1/2 MACH -2- WASHER, 1/4 LOCK -2-	
13	364 840 R1	SEAL, PRESSURE O RING -4- IN-BETWEEN SECTION 70 DUROMETER SOFT RUBBER TYPE NOT SERVICED SEPARATELY ORDER 1-850 827 C91 SEAL KIT	
14	376 769 R1	SEAL, EXHAUST O RING -4- IN-BETWEEN SECTION 70 DUROMETER SOFT RUBBER TYPE NOT SERVICED SEPARATELY ORDER 1-850 827 C91 SEAL KIT	
	850 827 C91	KIT, IN-BETWEEN SECTION SEAL W/ 70 DUROMETER SOFT RUBBER SEALS CONSISTS OF- \$6-SEAL 364 840 R1 \$6-SEAL 376 769 R1	
	850 881 C91	PACKAGE, VALVE SPOOL SEAL SERVICE FOR VALVE W/STANDARD BONNET CONSISTS OF 4-BALL 17 007 R1 2-SEAL, SPOOL 384 598 R1 2-WASHER 631 147 C1 2-RETAINER 850 880 C1	



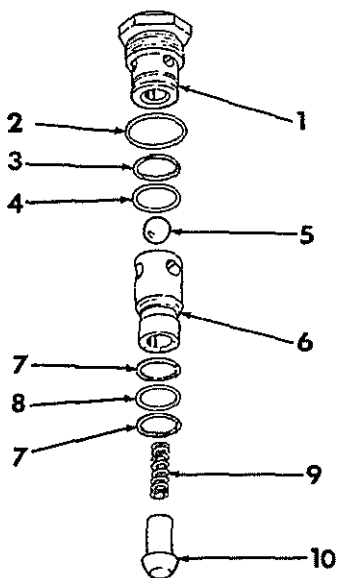
HYRAULICS

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SECTION 10

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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HYDRAULIC CHECK VALVE
-ANTI CAVITATION TYPE-



HE 841

	850 119 C91	VALVE ASSY, ANTI-CAVITATION CHECK CONSISTS OF ALL PARTS LISTED
1		BODY, CHECK VALVE NOT SERVICED SEPARATELY ORDER COMPLETE CHECK VALVE ASSY
2	364 885 R1	O RING, BODY NOT SERVICED SEPARATELY ORDER 1-850 164 C91 SEAL PACKAGE
3	850 124 C1	WASHER, O RING BACK-UP NOT SERVICED SEPARATELY ORDER 1-850 164 C91 SEAL PACKAGE
4	392 385 R1	O RING, BODY OUTER NOT SERVICED SEPARATELY ORDER 1-850 164 C91 SEAL PACKAGE
5	16 014 R1	BALL, 7/16 STEEL CHECK
6		RETAINER, CHECK BALL NOT SERVICED SEPARATELY ORDER COMPLETE CHECK VALVE ASSY



HYRAULICS

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SECTION 10

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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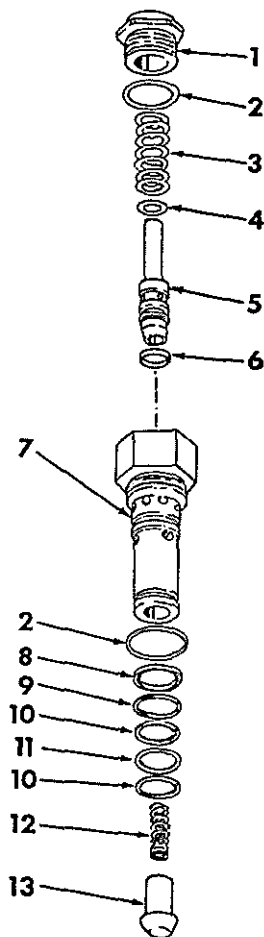
HYDRAULIC CHECK VALVE -CONTINUED
-ANTI CAVITATION TYPE-

7	850 123 C1	WASHER, O RING BACK-UP -2- NOT SERVICED SEPARATELY ORDER 1-850 164 C91 SEAL PACKAGE
8	392 382 R1	O RING, BODY INNER NOT SERVICED SEPARATELY ORDER 1-850 164 C91 SEAL PACKAGE
9		SPRING, LIFT CHECK NOT SERVICED SEPARATELY ORDER COMPLETE CHECK VALVE ASSY
10	666 719 R1	BALL, LIFT CHECK
	850 164 C91	PACKAGE, ANT-CAVITATION CHECK VALVE SEAL SERVICE CONSISTS OF
	\$2-O RING	364 885 R1
	\$1-O RING	392 382 R1
	\$2-WASHER	850 123 C1
	\$1-O RING	392 385 R1
	\$1-WASHER	850 124 C1



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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HYDRAULIC RELIEF VALVE
-PORT RELIEF-



HE 840

850 145 C91 VALVE ASSY, 2500 PSI PORT RELIEF
CONSISTS OF ALL PARTS LISTED

850 146 C91 VALVE ASSY, 3000 PSI PORT RELIEF
CONSISTS OF ALL PARTS LISTED

1		CAP, RELIEF SPRING NOT SERVICED SEPARATELY ORDER COMPLETE RELIEF VALVE ASSY
2	364 885 R1	O RING, BODY & CAP -2- NOT SERVICED SEPARATELY ORDER 1-850 164 C91 SEAL PACKAGE
3		SPRING, RELIEF NOT SERVICED SEPARATELY ORDER COMPLETE RELIEF VALVE ASSY
4		WASHER, SHIM NOT SERVICED SEPARATELY ORDER COMPLETE RELIEF VALVE ASSY



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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HYDRAULIC RELIEF VALVE -CONTINUED
-PORT RELIEF-

5		POPPET, RELIEF NOT SERVICED SEPARATELY ORDER COMPLETE RELIEF VALVE ASSY
6	850 108 C1	SEAL, POPPET NOT SERVICED SEPARATELY ORDER COMPLETE RELIEF VALVE ASSY
7		BODY, RELIEF VALVE NOT SERVICED SEPARATELY ORDER COMPLETE RELIEF VALVE ASSY
8	392 385 R1	O RING, BODY OUTER NOT SERVICED SEPARATELY ORDER 1-850 164 C91 SEAL PACKAGE
9	850 124 C1	WASHER, O RING BACK-UP NOT SERVICED SEPARATELY ORDER 1-850 164 C91 SEAL PACKAGE
10	850 123 C1	WASHER, O RING BACK-UP -2- NOT SERVICED SEPARATELY ORDER 1-850 164 C91 SEAL PACKAGE
11	392 382 R1	O RING, BODY INNER NOT SERVICED SEPARATELY ORDER 1-850 164 C91 SEAL PACKAGE
12		SPRING, LIFT CHECK NOT SERVICED SEPARATELY ORDER COMPLETE RELIEF VALVE ASSY
13	666 719 R1	BALL, LIFT CHECK
	850 164 C91	PACKAGE, PORT RELIEF VALVE SEAL SERVICE CONSISTS OF
		\$2-O RING 364 885 R1
		\$1-O RING 392 382 R1
		\$2-WASHER 850 123 C1
		\$1-O RING 392 385 R1
		\$1-WASHER 850 124 C1



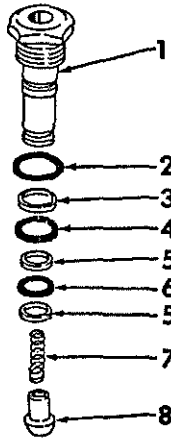
HYRAULICS

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SECTION 10

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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HYDRAULIC CHECK VALVE
-STANDARD PORT CHECK TYPE-



HE-843

	850 118 C91	VALVE ASSY, STANDARD PORT CHECK CONSISTS OF ALL PARTS LISTED
1		BODY, CHECK VALVE NOT SERVICED SEPARATELY ORDER COMPLETE CHECK VALVE ASSY
2	364 885 R1	O RING, BODY NOT SERVICED SEPARATELY ORDER 1-850 164 C91 SEAL PACKAGE
3	850 124 C1	WASHER, O RING BACK-UP NOT SERVICED SEPARATELY ORDER 1-850 164 C91 SEAL PACKAGE
4	392 385 R1	O RING, BODY OUTER NOT SERVICED SEPARATELY ORDER 1-850 164 C91 SEAL PACKAGE
5	850 123 C1	WASHER, O RING BACK-UP -2- NOT SERVICED SEPARATELY ORDER 1-850 164 C91 SEAL PACKAGE
6	392 382 R1	O RING, BODY INNER NOT SERVICED SEPARATELY ORDER 1-850 164 C91 SEAL PACKAGE
7		SPRING, LIFT CHECK NOT SERVICED SEPARATELY ORDER COMPLETE CHECK VALVE ASSY
8	666 719 R1	BALL, LIFT CHECK
	850 164 C91	PACKAGE, STANDARD PORT CHECK VALVE SEAL SERVICE CONSISTS OF \$2-O RING 364 885 R1 \$1-O RING 392 382 R1 \$2-WASHER 850 123 C1 \$1-O RING 392 385 R1 \$1-WASHER 850 124 C1



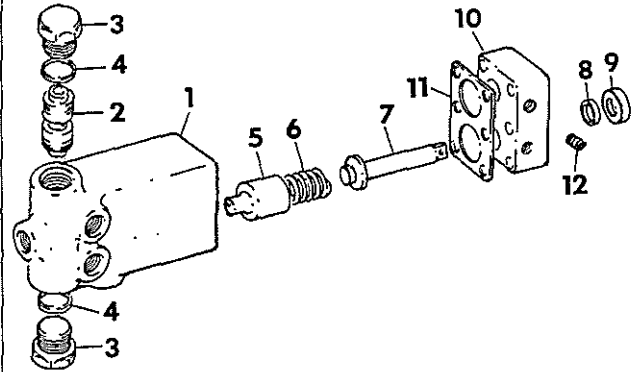
HYRAULICS

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SECTION 10

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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POWER STEERING CONTROL VALVE



HE-1863

	852 057 C91	VALVE ASSY, STEERING CONTROL COMPOSED OF ALL PARTS LISTED
1		BODY, VALVE NOT SERVICED SEPARATELY ORDER COMPLETE VALVE ASSY
2	852 060 C1	VALVE, FLOW CONTROL
3	9 410 360	PLUG, 7/8-14 STR THRD O RING BOSS -2-
4	364 885 R1	O RING -2-
5	852 058 C1	PLUNGER, CONTROL -2-
6	852 054 C2	SPRING, PLUNGER -2-
7	852 059 C1	PIN, CONTROL VALVE PLUNGER -2-
8	470 585 R1	O RING, PLUNGER PIN -2-
9	548 108 R1	SEAL, PLUNGER PIN OIL -2-
10	852 056 C1 138 202	BLOCK, VALVE COVER SCREW, 1/4-20 X 1 HEX-SKT-HD PLN -2-
11	852 066 C1	GASKET, BLOCK
12	444 688	PLUG, 1/8-27 NPT AUTO HEX-SKT PIPE -2-

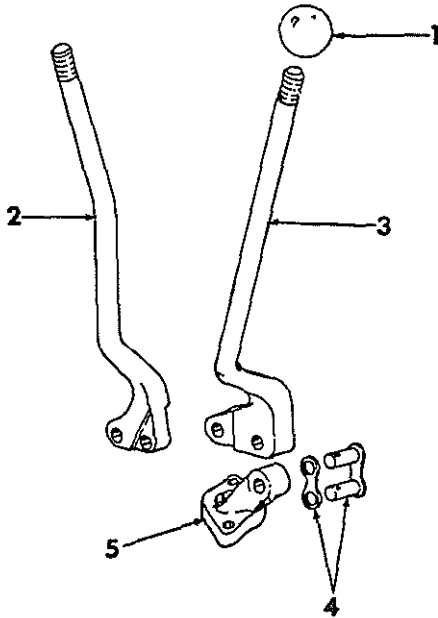


HYRAULICS

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SECTION 10

REF. NO. PART NUMBER DESCRIPTION TC-210

HYDRAULIC VALVE CONTROLS
-SINGLE ACTING-

HE-777

1	610 638 R1	KNOB, LEVER
2	677 685 R1	LEVER, VALVE CONTROL FOR THREE POINT HITCH CONTROL OR FOR AUXILIARY CONTROL ON VALVE SECTIONS TWO, THREE OR FOUR ONLY
3	677 686 R1	LEVER, VALVE CONTROL FOR LOADER CLAM CONTROL, FOR GRADER ANGLE CONTROL, FOR 511/512 GRADER LIFT CONTROL OR FOR AUXILIARY CONTROL ON VALVE SECTION ONE ONLY
	20 791 R1	PIN, 1/4 X 29/32 CLEVIS
	137 133	PIN, 1/16 X 7/16 COTTER
4	635 714 R91	LINK, VALVE LEVER INCLUDES 1 - 187357 COTTER PIN
	187 357	PIN, 1/16 X 1-1/2 COT.
5	850 148 C1	BRACKET, VALVE LEVER
	271 212	SCREW ASSY, 1/4-20 X 7/8 FIL-HD -2-

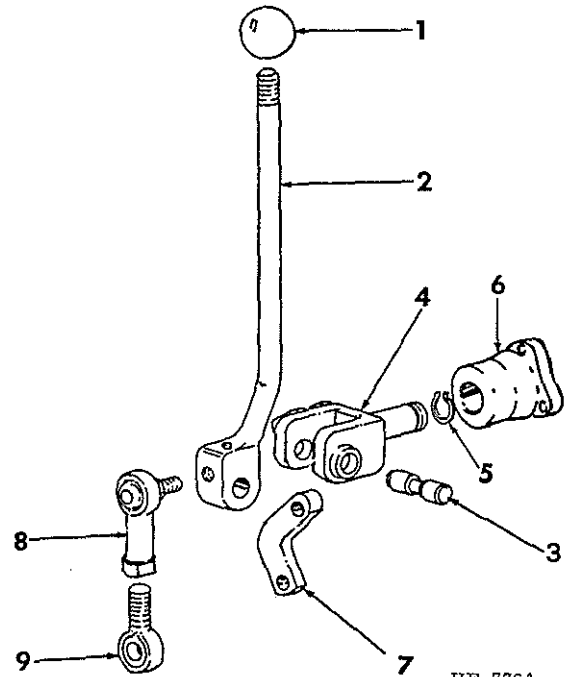


HYRAULICS

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SECTION 10

REF. NO. PART NUMBER DESCRIPTION TC-210

HYDRAULIC VALVE CONTROLS
-DUAL ACTING-

HE-776A

1	610 638 R1	KNOB, LEVER
2	677 687 R1	LEVER, VALVE CONTROL FOR LOADER LIFT & TILT CONTROL OR FOR GRADER LIFT & TILT CONTROL
	271 293	FITTING, 5/16-32 NEF STR LUB
	102 571	SCREW, 1/4-20 X 5/16 SET
3	677 688 R1	PIN, LEVER PIVOT
4	677 689 R1	YOKE, LEVER PIVOT SUPPORT
	178 375 R1	WASHER, .780 X 1.250 X .054 FLAT
5	269 181 R1	RING, YOKE RETAINING
6	852 321 C1	PIVOT, LEVER SUPPORT YOKE
	109 461	FITTING, 1/8-27 PTF STR LUB
	180 120	BOLT, 3/8-16 X 3/4 HEX-HD -3-
	120 382	WASHER, 3/8 LOCK -3-
7	677 690 R1	LINK, LIFT CONTROL
	3 512	PIN, 1/4 X 1 HEADED - DLD
	103 384	PIN, 1/8 X 3/4 COTTER
	20 791 R1	PIN, 1/4 X 29/32 CLEVIS
	137 133	PIN, 1/16 X 7/16 COTTER
8	677 691 R1	JOINT, TILT CONTROL BALL
9	677 692 R1	BOLT, TILT CONTROL EYE
	20 791 R1	PIN, 1/4 X 29/32 CLEVIS
	137 133	PIN, 1/16 X 7/16 COTTER



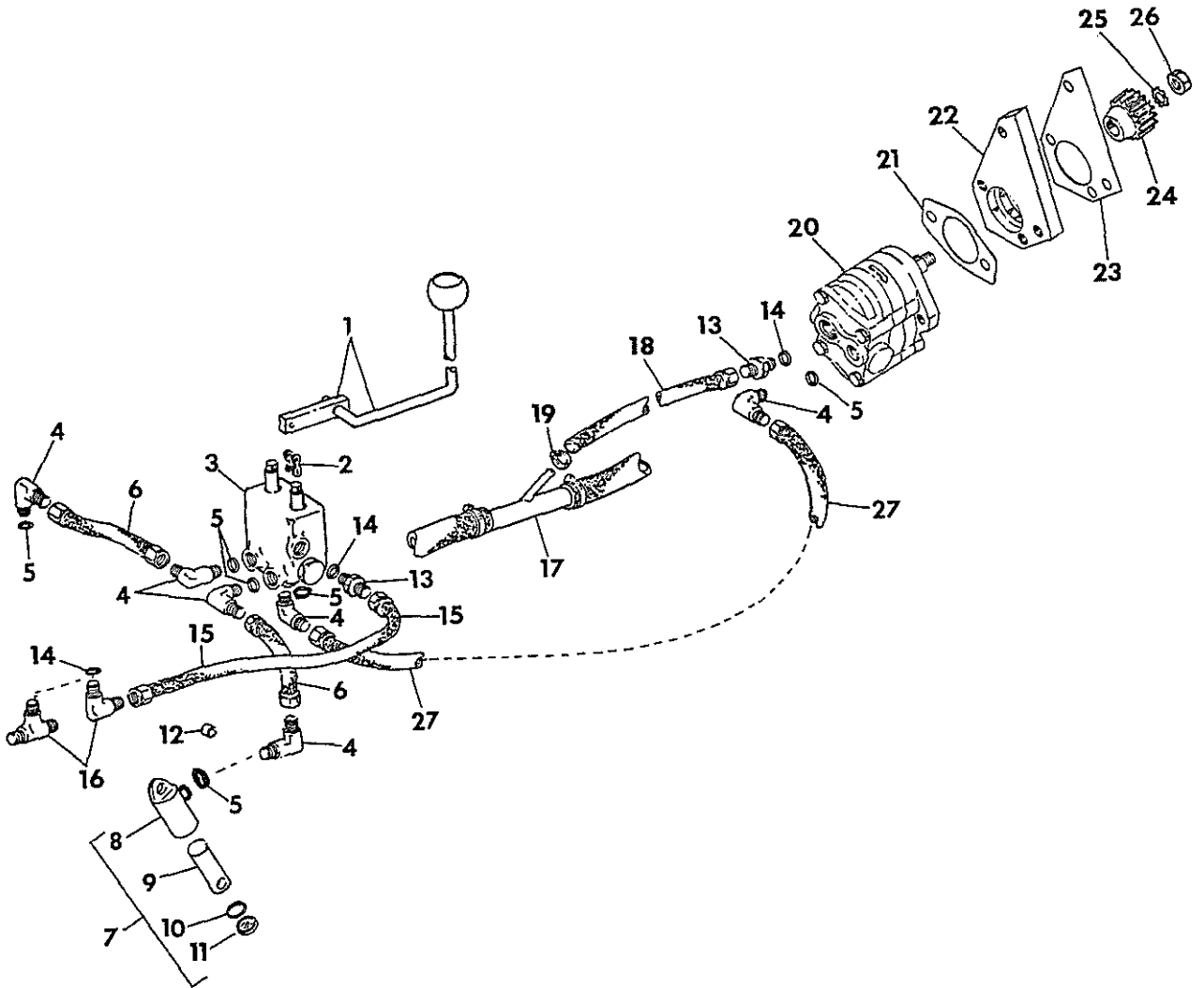
REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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POWER STEERING HYDRAULIC SYSTEM



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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POWER STEERING HYDRAULIC SYSTEM -CONTINUED



HC-1920



HYRAULICS

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SECTION 10

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
		POWER STEERING HYDRAULIC SYSTEM -CONTINUED	
1		LEVERS, STEERING REFER TO -STEERING- SECTION 5	
2	587 372 R91	LINK ASSY, STEERING VALUE CONTROL -2-	
3	852 057 C91	VALVE ASSY, STEERING CONTROL FOR COMPONENTS SEE LISTING -STEERING VALVE - THIS SECTION	
	138 204	SCREW, 1/4-20 X 1-1/2 HEX-SKT-HD -4-	
	120 380	WASHER, 1/4 LOCK -4-	
4	9 410 976	ELBOW, 9/16-18 HYD 37 DEG FLARED TUBE-6- ADJ STR THRD 90 DEG W/NUT & BACK-UP WASHER C-Z	
5	364 839 R1	O RING -6-	
6	852 111 C1	HOSE ASSY, STEERING CYLINDER -2-	
7	852 646 C91	CYLINDER ASSY, STEERING -2- CONSISTS OF- \$1-BODY 1-PUSH PIN 852 026 C1 1-O RING 343 905 R1 1-OIL SEAL 852 091 C1	
	180 124	BOLT, 3/8-16 X 1-1/4 HEX-HD -2-	
	120 382	WASHER, 3/8 LOCK -2-	
	619 856 R1	WASHER, .406 X 1.000 X .056 FLAT -2-	
	271 724	BOLT, 5/8-11 X 2-1/4 HEX-HD -2-	
	124 589	NUT, 5/8-11 HEX -2-	
	21 471 R1	WASHER, .656 X 1.000 X .105 FLAT -6-	
8		BODY, CYLINDER NOT SERVICED SEPARATELY ORDER CYLINDER ASSY-852 646 C91-	
9	852 026 C1	PIN, PUSH -2-	
10	343 905 R1	O RING, PUSH PIN -2-	
11	852 091 C1	SEAL, PUSH PIN OIL -2-	
12	852 093 C1	SPACER, CYLINDER MTG -2-	
13	9 410 203	CONNECTOR, 3/4-16 HYD 37 DEG FLARED -2- TUBE SHORT SWIVEL C-Z	
14	570 828 R1	O RING -3-	
15	852 109 C1	HOSE ASSY, HYD RETURN	
16	9 410 977	ELBOW, 3/4-16 HYD 37 DEG FLARED TUBE ADJ STR THRD 90 DEG W/NUT & BACK-UP WASHER C-Z IN HYDRAULIC RESERVOIR DRAIN PORT FOR TRACTORS W/O THREE POINT HITCH	
16	9 411 118	TEE, 3/4-16 HYD 37 DEG TUBE ADJ STR THRD W/NUT & BACK-UP WASHER C-Z IN HYDRAULIC RESERVOIR DRAIN PORT FOR TRACTORS W/ THREE POINT HITCH	
17	852 112 C1	TEE ASSY, CENTRE SUCTION ALSO REFER TO -MAIN HYDRAULIC SYSTEM- THIS SECTION	
18	852 110 C1	HOSE ASSY, STRG PUMP SUCTION	
19	995 218 R1	CLAMP, HOSE	
20	596 411 R91	PUMP ASSY, STEERING L/DRIVE GEAR TIMING GEAR DRIVEN INCLUDES 1-607 171 R1- KEY	
	607 171 R1	KEY	
	180 122	BOLT, 3/8-16 X 1 HEX-HD -2-	
	120 382	WASHER, 3/8 LOCK -2-	
21	598 005 R1	GASKET, PUMP MOUNTING	
22	597 867 R2	BRACKET, PUMP MOUNTING	
	189 298	BOLT, 5/16-18 X 4 HEX-HD	
	189 305	BOLT, 3/8-16 X 3-1/2 HEX-HD	



HYRAULICS

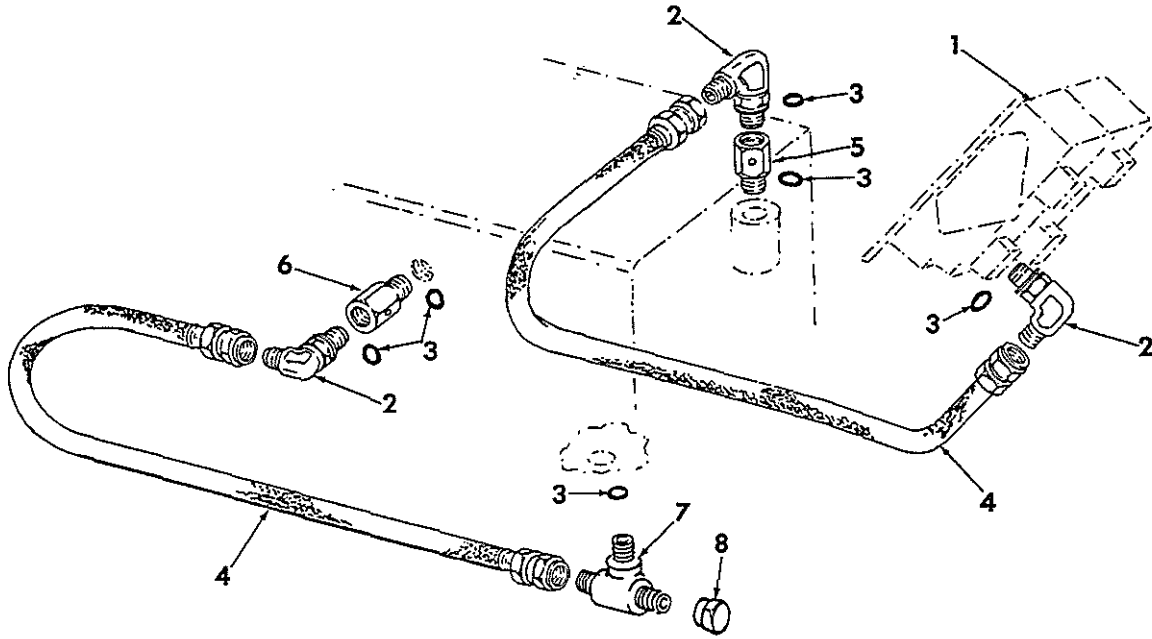
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SECTION 10

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
		POWER STEERING HYDRAULIC SYSTEM -CONTINUED	
23	597 866 R1	GASKET, MTG BRACKET	
24	597 865 R1	GEAR, PUMP DRIVE	
25	138 542	WASHER, 3/8 INT TOOTH LOCK	
26	17 055 R1	NUT, 3/8-24 NYLON INSERT LOCK	
27	852 108 C1	HOSE ASSY, HYD PRESSURE	
	614 750 R92	KIT, HYDRAULIC PUMP SEAL SERVICE CONSISTS OF- \$2-BALL \$1-COVER \$1-GASKET \$1-SEAL \$1-SEAL \$2-SPRING	

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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THREE POINT HITCH HYDRAULIC SYSTEM



HE-800A

- | | | |
|---|-------------|---|
| 1 | | VALVE, HYDRAULIC CONTROL
REFER TO -VALVES- THIS SECTION |
| 2 | 9 410 977 | ELBOW, 3/4-16 HYD 37 DEG FLARED-3-TUBE ADJ STR THRD 90 DEG W/NUT & BACK-UP WASHER C-Z |
| 3 | 570 828 R1 | RING, O -6- |
| 4 | 675 846 R91 | HOSE ASSY, HYD LIFT CYL -2- |
| 5 | 677 694 R91 | RESTRICTOR, FLOW
FOR USE W/LOADER TRACTORS ONLY |
| 6 | 677 693 R91 | RESTRICTOR, FLOW |
| 7 | 9 411 118 | TEE, 3/4-16 HYD 37 DEG TUBE
ADJ STR THRD W/NUT &
BACK-UP WASHER C-Z
IN RESERVOIR DRAIN |
| 8 | 9 403 372 | CAP, 3/4-16 HYD 37 DEG FLARED TUBE
NOT WITH POWER STEERING |

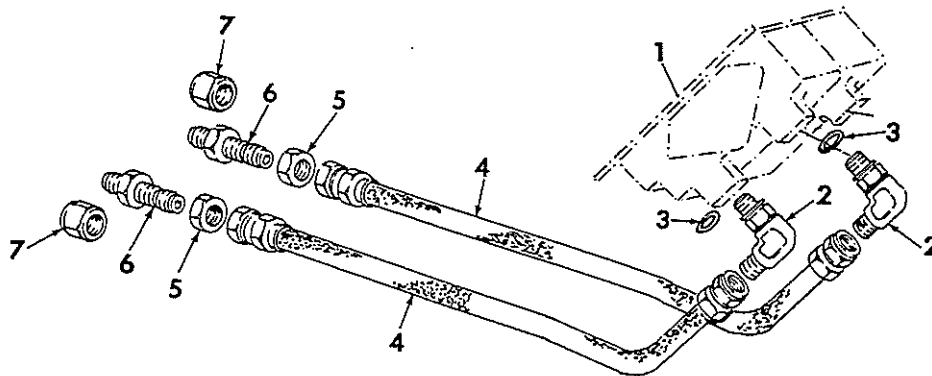
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THREE POINT HITCH HYDRAULIC SYSTEM -CONTINUED



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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AUXILIARY HYDRAULIC SYSTEM



HE-799A

1		VALVE, HYDRAULIC CONTROL REFER TO -VALVES- THIS SECTION
2	9 410 977	ELBOW, 3/4-16 HYD 37 DEG FLARED -2- TUBE ADJ STR THRD 90 DEG W/NUT & BACK - UP WASHER C-Z
3	570 828 R1	O-RING -2-
4	850 523 C91	HOSE ASSY, AUXILIARY -2-
5	9 403 295	NUT, 7/8-14 BULKHEAD UNION LOCK -2-
6	9 403 256	UNION, 7/8-14 HYD 37 DEG FLARED -2- TUBE C-Z BULKHEAD
7	9 403 373	CAP, 7/8-14 HYD 37 DEG FLARED TUBE -2-



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AUXILIARY HYDRAULIC SYSTEM -CONTINUED



HYRAULICS

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SECTION 10

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HYRAULICS

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SECTION 10

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INSTRUMENTS

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SECTION 11

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INSTRUMENTS

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SECTION 11

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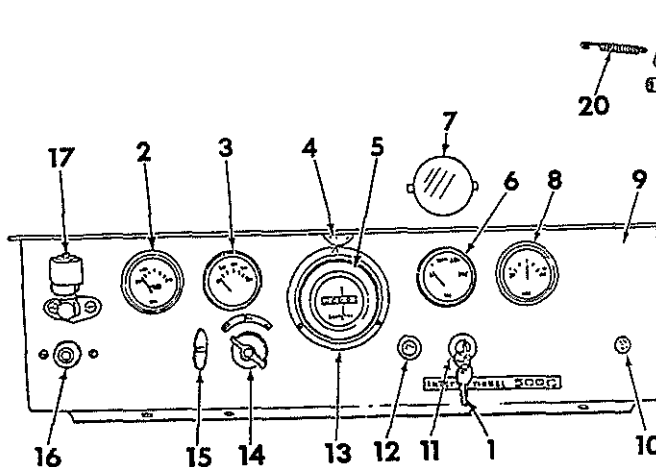
INSTRUMENTS

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SECTION 11

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INSTRUMENT PANEL



HE-753B

1	619 743 C1	KEY SET CONSISTS OF \$1 RING AND \$2 KEYS
2	677 162 R91	GAUGE, ENGINE WATER TEMP INDICATOR
3	677 160 R91	GAUGE, ENGINE OIL PRESS INDICATOR
4	598 248 R91	LAMP ASSY, DASH - INCLUDES 1-142 450
4	142 450	LAMP, DASH
4	850 613 C91	LAMP ASSY, DASH - INCLUDES 1 -142 452
4	142 452	LAMP, 12V
5	621 657 C91	HOURLMETER ASSY
5	121 839	SCREW, 6-32 X 5/16 SLTD MACH -6-
5	131 044	WASHER, 6 LOCK -6-
6	677 225 R91	GAUGE, TRANSMISSION OIL TEMPERATURE -FOR HYDRAULIC REVERSER W/TORQUE CONVERTER
7	406 099 R1	COVER, TEMPERATURE GAUGE OPENING -NOT FOR USE W/TORQUE CONVERTER
8	677 159 R91	AMMETER
9	677 166 R31	PANEL ASSY, INSTRUMENT
9	443 672	SCREW, 5/16-18 X 3/4 SLT-PAN-HD -5-
9	120 214	WASHER, 5/16 LOCK -5-
10	376 852 R91	HOUSING, FUSE
10	432 644	FUSE, 3AG-20 AMP
11	677 221 R91	SWITCH, KEY - INCLUDES 1- 619 743 C1
12	676 922 R91	LAMP ASSY, ALTERNATOR WARNING -INCLUDES 1- 9 417 863
12	9 417 863	LAMP 12V
13	356 737 R91	DAMPER, VIBRATION
13	121 839	SCREW, 6-32 X 5/16 SLTD MACH -6-
13	131 044	WASHER, NO. 6 LOCK -6-
14	371 465 R91	SWITCH, LIGHT



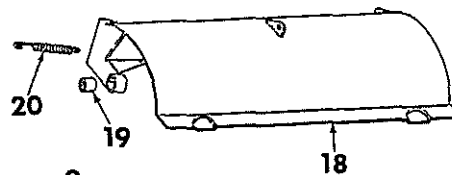
INSTRUMENTS

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SECTION 11

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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INSTRUMENT PANEL -CONTINUED

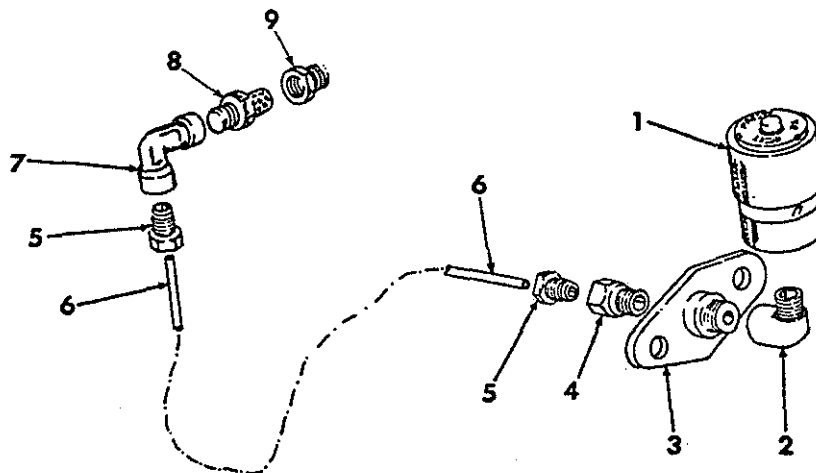


15	677 515 R91	CABLE, CHOKE AND SHUT-OFF -FOR SERVICE PARTS REFER TO STOPPING AIDS SECTION 12-
16	395 074 R93	SWITCH, ETHER START -FOR SERVICE PARTS REFER TO ETHER STARTING SECTION 12-
17	366 078 C1	INDICATOR ASSY, AIR RESTRICTION REFER TO AIR RESTRICTION INDICATOR
18	677 798 R1	COVER ASSY, INSTRUMENT PANEL
18	486 180 R1	BOLT, 1/2-13 X 2-1/4 CARRIAGE -2-
18	120 378	NUT, 1/2-13 HEX -2-
18	20 601 R1	WASHER, .531 X 1.250 X .105 FLAT -2-
19	259 342 R1	SPACER, COVER HINGE PIVOT -2-
20	208 354 R1	SPRING, COVER -2-



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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AIR RESTRICTION INDICATOR



HE-712A

1	366 078 C1	INDICATOR ASSY, AIR RESTRICTION
2	9 409 934	ELBOW, 1/8-27 AUTO 90 DEG PIPE STREET C-Z
3	284 874 C2	FLANGE, INDICATOR MOUNTING
	133 043	SCREW, 1/4-20 X 3/4 SLT-RD-HD -2-
	120 375	NUT, 1/4-20 HEX -2-
	120 380	WASHER, 1/4 LOCK -2-
4	59 939 D	CONNECTOR, 5/16-24 HI-DUTY TUBE TO 1/8-27 PIPE MALE
5	36 092 D	NUT, 5/16-24 HI-DUTY TUBE -2-
6	995 059 R1	TUBE, 1/8 O.D. BULK COPPER-1FT LENGTH USE 38.5 INCH LENGTH
7	19 717 R1	ELBOW, 5/16-24 HI-DUTY TUBE TO 1/8-27 PIPE FEMALE 90 DEG
8	317 972 R91	NIPPLE, CONNECTOR FILTER
9	119 922	ADAPTOR, 1/4 TO 1/8 REDUCING PIPE ZND



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AIR RESTRICTION INDICATOR -CONTINUED



INSTRUMENTS

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SECTION 11

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INSTRUMENTS

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SECTION 11

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POWER

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SECTION 12

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PART
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POWER

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SECTION 12

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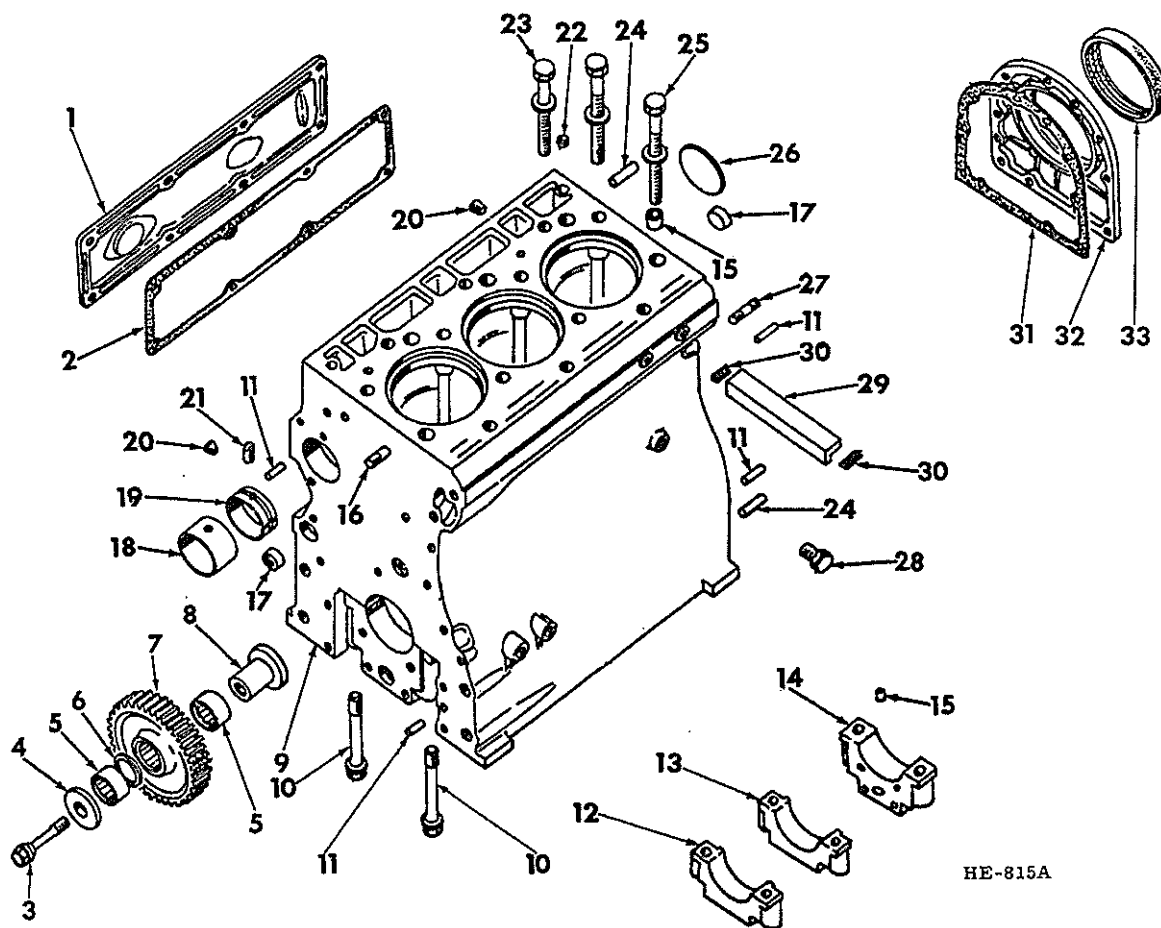
TC-210

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ENGINE CRANKCASE

ENGINE CRANKCASE -CONTINUED



- 1 3 132 815 R1 COVER ASSY, CRANKCASE SIDE
180 075
- 3 050 129 R1 BOLT, 5/16-18 X 5/8 HEX-HD -8-
- 3 055 574 R1 WASHER, 5/16 LOCK -8-
- 3 055 574 R1 WASHER, 8.5 X 19 X 2.5MM FLAT RD HOLE -8-
- 2 3 055 394 R1 GASKET, SIDE COVER -OPT TO USE 1-3 136 174 R1, GASKET-
- 3 136 174 R1 GASKET, SIDE COVER -OPT TO USE 1-3 055 394 R1 GASKET-
- 3 3 055 374 R2 BOLT, IDLER GEAR CARRIER
- 4 3 055 372 R1 RING, ANTI-WEAR IDLER GEAR
- 5 3 058 816 R91 CAGE, NEEDLE BRG -2- -OPT TO USE 1-3 136 515 R91, CAGE-
- 5 3 136 515 R91 CAGE, NEEDLE BRG -2- -OPT TO USE 1-3 058 816 R91 CAGE-
- 6 787 656 R1 RING, DISTANCE
- 7 3 055 043 R3 GEAR, IDLER

- 8 3 055 373 R1 CARRIER, IDLER GEAR
- 9 3 055 000 R34 CRANKCASE ASSY, W/CRANKSHAFT CAPS
-CONSISTS OF

 - 2-PLUG 103 883
 - 3-PLUG 3 144 520 R1
 - 4-PIN 141 242
 - 2-PIN 141 284
 - 1-PLUG 172 602
 - 1-COVER 3 136 004 R1
 - 2-COVER 933 537 R1
 - 2-BUSHING 3 055 007 R1
 - 1-BEARING 3 055 008 R1
 - 3-BEARING 3 055 009 R1
 - 8-SCREW 3 138 886 R1
 - 8-BUSHING 3 055 007 R1
 - 1-STUD 3 055 270 R1
 - \$ 4 CAP ASSY
 - \$ 1 HOUSING

- 10 3 138 886 R1 SCREW, CRANKSHAFT BEARING CAP -8-
- 11 141 242 PIN, DOWEL -4-



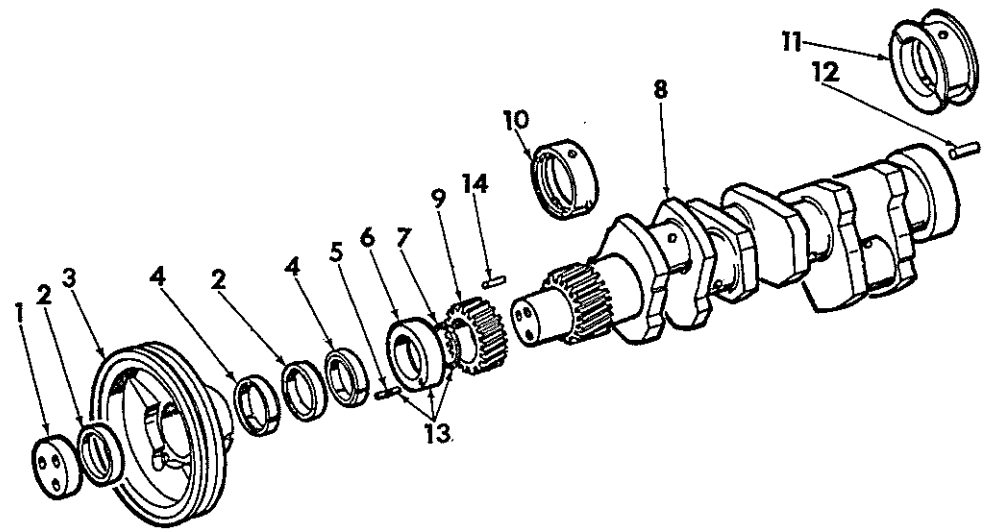
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ENGINE CRANKCASE -CONTINUED			
12		CAP ASSY, CRANKSHAFT BEARING FRONT -INCLUDES 2-3 055 007 R1, BUSHING- -NOT SERVICED SEPARATELY- -FOR SERVICE ORDER 1-3 055 000 R34, CRANKCASE ASSY-	
13		CAP ASSY, CRANKSHAFT BEARING CENTRE -2- -INCLUDES 2-3 055 007 R1, BUSHING- -NOT SERVICED SEPARATELY- -FOR SERVICE ORDER 1-3 144 438 R91, CRANKSHAFT BRG CAP PACKAGE-	
14		CAP ASSY, CRANKSHAFT BEARING REAR -INCLUDES 2-3 055 007 R1, BUSHING- -NOT SERVICED SEPARATELY- -FOR SERVICE ORDER 1-3 144 436 R91, CRANKSHAFT BRG CAP PACKAGE-	
15	3 055 007 R1	BUSHING, DOWEL -10-	
16	3 055 065 R1	STUD, FRONT	
17	933 537 R1	COVER, CLOSING -2-	
18	3 055 008 R1	BEARING, CAMSHAFT FRONT	
19	3 055 009 R1	BEARING, CAMSHAFT -3-	
20	3 144 520 R1	PLUG, SLOTTED HEADLESS PIPE -3-	
21	103 883	PLUG, SLOTTED HEADLESS PIPE -2-	
22	3 136 004 R1	COVER, CLOSING	
23	3 138 747 R1	BOLT, HEX HEAD -6-	
24	141 284	PIN, DOWEL -2-	
25	3 138 748 R1	BOLT, HEX HEAD -8-	
26	172 602	PLUG, EXPANSION	
27	3 055 270 R1	STUD, REAR	
28	20 990 R1	PLUG, HEX HD PIPE 3/8-18 NPTF	
29	714 868 R1	STRIP, SEAL -2-	
30	3 055 214 R1	STRIP, CRANKCASE SEALING	
31	3 055 215 R1	GASKET, CRANKSHAFT SEAL RETAINER	
32	3 055 216 R1	RETAINER, OIL SEAL REAR	
	180 077	BOLT, 5/16-18 X 3/4 HEX HD -8-	
	120 376	NUT, 5/16-18 HEX	
	933 570 R1	DISK, SPRING -9-	
33	3 138 701 R91	SEAL, CRANKSHAFT-REAR OIL	



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
ENGINE CRANKCASE -CONTINUED			
3	136 802 R94	PACKAGE, CRANKCASE GASKET SERVICE -COMPOSED OF-	
		1-PLUG	172 602
		1-RING	710 097 R2
		1-O-RING	713 778 R1
		3-RING	713 845 R1
		2-STRIP	714 868 R1
		1-RING	933 087 R2
		1-RING	933 608 R1
		16-RING	933 610 R1
		2-RING	3 138 687 R1
		3-RING	3 055 021 R2
		1-GASKET	3 138 640 R1
		1-GASKET	3 055 143 R1
		1-GASKET	3 055 160 R1
		1-GASKET	3 055 177 R1
		3-O-RING	3 055 199 R1
		1-GASKET	3 055 215 R1
		1-GASKET	3 055 237 R1
		1-GASKET	3 055 239 R1
		1-GASKET	3 055 240 R1
		1-GASKET	3 136 766 R2
		1-GASKET	3 055 246 R1
		1-RING	3 055 260 R1
		1-RING	3 052 295 R91
		1-GASKET	3 138 639 R1
		1-GASKET	3 055 384 R1
		1-RING	934 005 R1
		1-GASKET	3 055 394 R1
		1-GASKET	3 057 397 R2
		1-GASKET	3 144 072 R1
		1-RING	933 155 R1
3	144 436 R91	PACKAGE, CRANKSHAFT BEARING CAP REAR -INCLUDES 2-3 138 580 R1, SCREW-	
3	144 438 R91	PACKAGE, CRANKSHAFT BEARING CAP CENTRE -INCLUDES 2-3 138 580 R1, SCREW-	

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CRANKSHAFT



1	3 139 161 R1 308 464 R1	WASHER, PRESSURE BOLT, 7/16 X 1-3/8 HEX-HD SPECIAL-3-
2	3 055 153 R1	RING, PRESSURE -2-
3	3 132 415 R1	PULLEY, CRANKSHAFT
4	3 055 152 R91	ELEMENT, ANGULAR SPRING TIGHTENER -2-
5	932 681 R1	PIN, DOWEL
6		RING, DISTANCE --NOT SERVICED SEPARATELY ORDER 1-3136 724 R93 PACKAGE--
7	713 778 R1	O-RING
8	3 055 746 R92	CRANKSHAFT ASSY, STD SIZE --INCLUDES-- 1-BEARING 3 055 129 R21 3-BEARING 3 055 130 R21 3-BEARING 3 055 351 R91 1-PIN 141 244 1-PIN 932 169 R1 1-PINION 3 055 028 R1
8	3 055 770 R92	CRANKSHAFT ASSY, 0.250 MM UNDERSIZE --INCLUDES-- 1-BEARING 3 056 820 R11 3-BEARING 3 056 832 R11 3-BEARING 3 056 834 R11 1-PIN 141 244 1-PIN 932 169 R1 1-PINION 3 055 028 R1
8	3 055 772 R92	CRANKSHAFT ASSY, 0.500 MM UNDERSIZE --INCLUDES-- 1-BEARING 3 056 875 R11 3-BEARING 3 056 877 R21 3-BEARING 3 056 879 R11 1-PIN 141 244 1-PIN 932 169 R1 1-PINION 3 055 028 R1

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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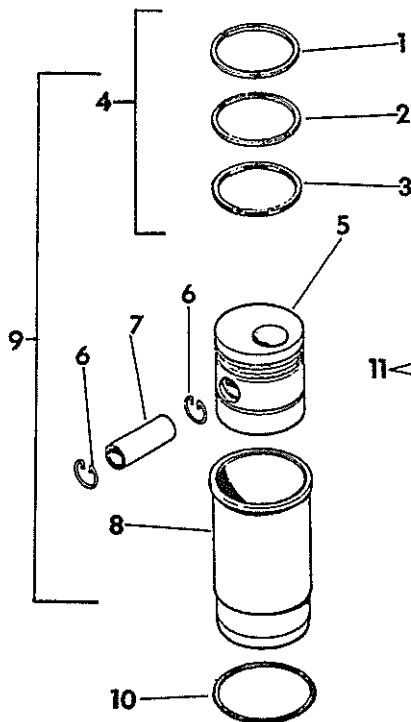
CRANKSHAFT -CONTINUED

8	3 055 774 R92	CRANKSHAFT ASSY, 0.750 MM UNDERSIZE --INCLUDES-- 1-BEARING 3 055 776 R11 3-BEARING 3 055 779 R21 3-BEARING 3 055 781 R11 1-PIN 141 244 1-PIN 932 169 R1 1-PINION 3 055 028 R1
9	3 055 028 R1	PINION, CRANKSHAFT 33T
10	3 055 130 R21	BEARING ASSY, MAIN -STD SIZE- -3-
10	3 056 832 R11	BEARING ASSY, MAIN -0.250 MM U/S -3-
10	3 056 877 R21	BEARING ASSY, MAIN 0.500 MM U/S -3-
10	3 055 779 R21	BEARING ASSY, MAIN -0.750 MM U/S -3-
11	3 055 129 R21	BEARING ASSY, REAR MAIN STD SIZE
11	3 056 820 R11	BEARING ASSY, REAR MAIN 0.250 MM U/S
11	3 056 875 R11	BEARING ASSY, REAR MAIN 0.500 MM U/S
11	3 055 776 R11	BEARING ASSY, REAR MAIN 0.750 MM U/S
12	141 244	PIN, CRANKSHAFT DOWEL
13	3 136 724 R93	PACKAGE, CRANKSHAFT OIL SEAL --COMPOSED OF-- \$ 1 RING -DISTANCE \$ 1 SEAL -FRONT COVER 1 RING 713 778 R1 1 PIN 932 681 R1
14	932 169 R1	PIN, ROLL



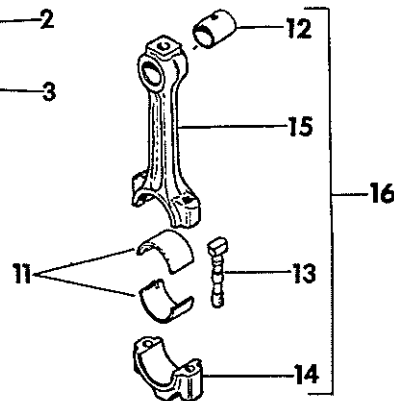
REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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CONNECTING ROD AND PISTON



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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CONNECTING ROD AND PISTON -CONTINUED



HE-4821

1	3 139 589 R1	RING, 1 ST KEYSTONE -3-
2	3 139 590 R1	RING, 2 ND MINUTE W/INTERNAL CHAMFER -3
3	3 138 668 R2	RING, 3 RD EXPANDER TYPE -3-
4	3 139 594 R91	SET, PISTON RING -COMPOSED OF- 1-RING 3 139 589 R1 1-RING 3 139 590 R1 1-RING 3 138 668 R2
5		PISTON, ENGINE -NOT SERVICED SEPARATELY -FOR SERVICE ORDER 1-3 139 586 R91 PISTON ASSY-
6	933 327 R1	RING, PISTON PIN RETAINER -6-
7	3 055 217 R2	PIN, PISTON -3-
8		SLEEVE, CYLINDER PISTON -NOT SERVICED SEPARATELY - FOR SERVICE ORDER 1- 3 139 586 R91, PISTON ASSY-
9	3 139 586 R91	PISTON ASSY, W/SLEEVE AND RINGS -3- -CONSISTS OF \$ 1 PISTON \$ 1 SLEEVE 1-PIN 3 055 217 R2 2-RING 933 327 R1 1-SET 3 139 594 R91
10	3 055 021 R2	RING, CYLINDER SLEEVE PACKING -3-

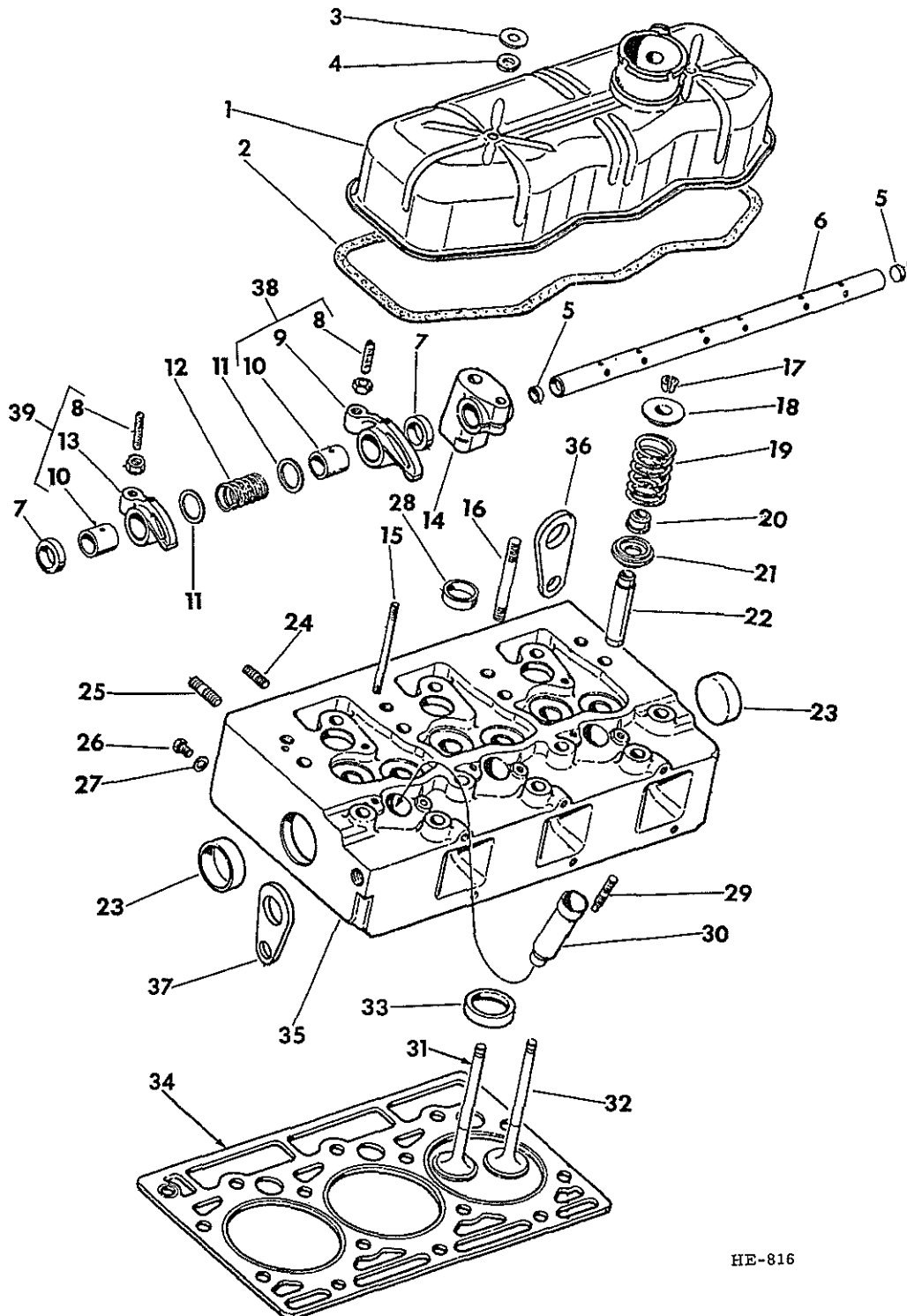
11	3 055 351 R91	BEARING ASSY, CONN ROD STD SIZE -3-
11	3 056 834 R11	BEARING ASSY, CONN ROD 0.250 MM U/S -3-
11	3 056 879 R11	BEARING ASSY, CONN ROD 0.500 MM U/S -3-
11	3 055 781 R11	BEARING ASSY, CONN ROD 0.750 MM U/S -3-
12	3 132 018 R1	BUSHING, PISTON PIN -3-
13	3 055 033 R11	BOLT ASSY, CONNECTING ROD -6-
14		CAP, CONNECTING ROD -3- -NOT SERVICED SEPARATELY- -FOR SERVICE ORDER 1- 3 055 029 R24, ROD ASSY-
15		ROD, CONNECTING -3- -NOT SERVICED SEPARATELY ORDER 3 055 029 R24 ROD ASSY
16	3 055 029 R24	ROD ASSY, CONNECTING -3- -CONSISTS OF \$ 1 ROD \$ 1 CAP 1 BUSHING 3 132 018 R1 2 BOLT 3 055 033 R11

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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CYLINDER HEAD & VALVE LEVER SHAFT

CYLINDER HEAD & VALVE LEVER SHAFT -CONTINUED



HE-816



POWER

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SECTION 12

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
CYLINDER HEAD & VALVE LEVER SHAFT -CONTINUED			
1	3 136 358 R13 120 368	COVER ASSY, HOUSING NUT, 5/16-24 HEX -2-	
2	3 138 641 R1	GASKET, VALVE HOUSING COVER	
3	3 138 637 R1	WASHER, VALVE HOUSING COVER -2-	
4	3 138 638 R1	GASKET, VALVE HOUSING COVER -2-	
5	933 565 R1	PLUG, EXPANSION -2-	
6	3 055 069 R21	SHAFT ASSY, ROCKER ARM -INCLUDES 2-933 565 R1, PLUG-	
7	3 055 068 R1	BUSHING, DISTANCE -5-	
8	3 132 137 R1 3 132 138 R1	SCREW, VALVE LEVER ADJUSTING -6- NUT, -6-	
9		ARM, ROCKER INTAKE -3- -NOT SERVICED SEPARATELY ORDER 3132 292 R91 PACKAGE	
10	3 132 019 R1	BUSHING, ROCKER ARM -6-	
11	3 055 669 R1	WASHER, THRUST ROCKER ARM -6-	
12	3 055 075 R2	SPRING, ROCKER ARM -3-	
13		ARM, ROCKER EXHAUST -3- -NOT SERVICED SEPARATELY ORDER 3132 293 R91 PACKAGE	
14	3 055 077 R5 120 371 180 083 3 050 129 R1	BRACKET, ROCKER SHAFT -4- NUT, 1/2-20 HEX -4- BOLT, 5/16-18 X 1-1/2 HEX-HD -4- WASHER, 5/16 LOCK -4-	
15	3 055 223 R1	STUD, CYLINDER HEAD COVER -2-	
16	3 055 220 R1	STUD, ROCKER SHAFT BRACKET -4-	
17	3 055 057 R91	CONE, SPRING LOCK VALVE -6-	
18	3 055 058 R2	CAP, VALVE SPRING RETAINER -6-	
19	3 055 060 R1	SPRING, VALVE -6-	
20		SEAL, VALVE STEM -6- -NOT SERVICED SEPARATELY- -FOR SERVICE ORDER 1-3 136 407 R91, PACKAGE-	
21	3 055 059 R91	ROTATION VALVE MECHANISM -6-	
22	3 055 022 R1	GUIDE, VALVE STEM -6-	
23	933 750 R1	PLUG, EXPANSION -3-	
24	3 055 221 R1	STUD, WATER COLLECTING PIPE -6-	
25	3 055 663 R1	STUD, EXHAUST MANIFOLD -6-	
26	934 259 R1	PLUG	
27	718 743 R1	RING, PACKING	
28	934 003 R1	PLUG, EXPANSION -2-	
29	3 055 412 R1	STUD, NOZZLE HOLDER -6-	
30	3 055 344 R1	INSERT, NOZZLE HOLDER -3-	
31	3 055 056 R2	VALVE, EXHAUST -3-	
32	3 055 055 R2	VALVE, INTAKE -3-	



POWER

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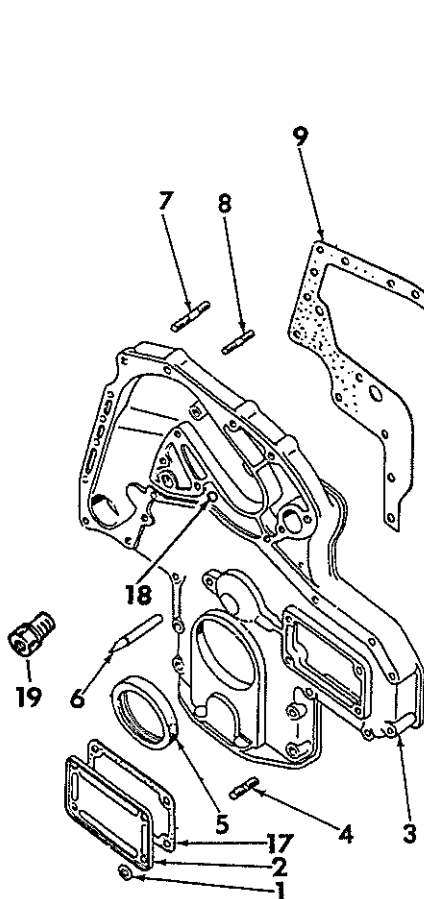
SECTION 12

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
CYLINDER HEAD & VALVE LEVER SHAFT -CONTINUED			
33	3 132 361 R1	RING, EXHAUST VALVE SEAT 0.40 MM O/S	
33	3 132 362 R1	RING, EXHAUST VALVE SEAT 0.15 MM O/S	
34	3 144 181 R1	GASKET, CYLINDER HEAD	
35	3 055 366 R94	HEAD ASSY W/GUIDES AND STUDS -CONSISTS OF \$ 1 HEAD 6-STUD 3 055 663 R1 3-PLUG 933 750 R1 2-PLUG 934 003 R1 6-GUIDE 3 055 022 R1 4-STUD 3 055 220 R1 6-STUD 3 055 221 R1 2-STUD 3 055 223 R1 3-INSERT 3 055 344 R1 6-STUD 3 055 412 R1	
36	3 055 369 R1 271 604	SHACKLE, ENGINE MOUNTING RH SIDE BOLT, 3/4-10 X 1-1/8 HEX-HD	
37	3 055 370 R1 271 604	SHACKLE, ENGINE MOUNTING FRONT BOLT, 3/4-10 X 1-1/8 HEX-HD	
38	3 132 292 R91	PACKAGE, ROCKER ARM INTAKE SERVICE -3- -CONSISTS OF \$ 1 ARM 1-SCREW 3 132 137 R1 1-NUT 3 132 138 R1 1 BUSHING 3 132 019 R1	
39	3 132 293 R91	PACKAGE, ROCKER ARM EXHAUST SERVICE -3- -CONSISTS OF \$ 1 ARM 1-SCREW 3 132 137 R1 1-NUT 3 132 138 R1 1 BUSHING 3 132 019 R1	
3	3 136 407 R91	PACKAGE, SERVICE VALVE SEALS -CONSISTS OF \$ 6 SEAL \$ 1 SLEEVE	
3	3 136 798 R95	PACKAGE, CYL HEAD GASKET SERVICE -COMPOSED OF- 3-O-RING 717 203 R1 6-RING 3 053 133 R1 1-GASKET 3 138 641 R1 1-GASKET 3 055 277 R1 3-GASKET 3 055 306 R1 2-GASKET 3 138 638 R1 3-RING 3 056 941 R1 1-GASKET 3 132 143 R1 1-GASKET 3 144 181 R1 3-GASKET 3 132 434 R1 1-PACKAGE 3 136 407 R91	



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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CRANKCASE FRONT COVER

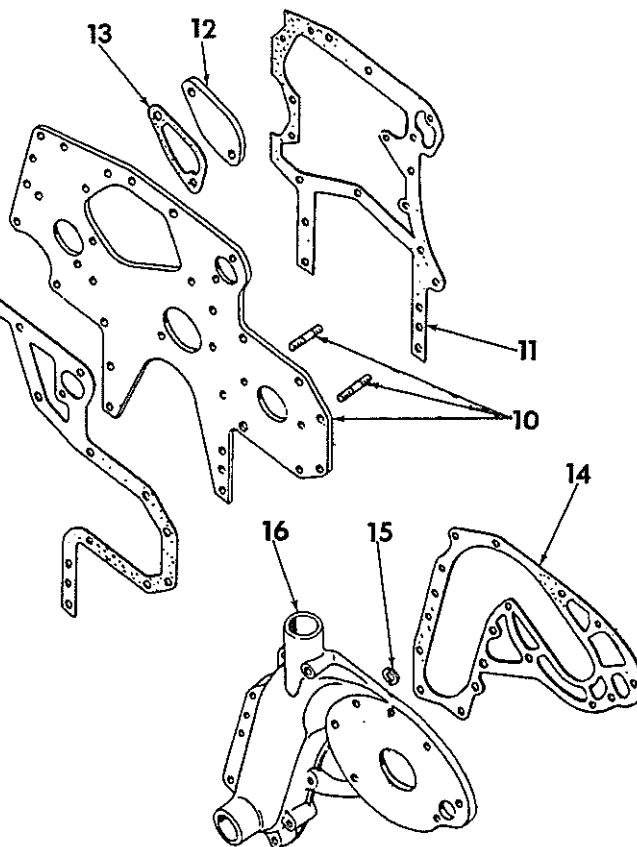


1	131 402 H	WASHER, FLAT -4-
2	3 055 140 R1	COVER, INJECTION PUMP
	120 376	NUT, 5/16-18 HEX -4-
	3 050 129 R1	WASHER, 5/16 LOCK -4-
3	3 056 853 R51	COVER ASSY, FRONT
		-INCLUDES-
		1-PLUG 3 138 972 R1
		1-POINTER 3 056 855 R1
		4-STUD 3 055 242 R1
	180 078	BOLT, 5/16-18 X 7/8 HEX HD -2-
	180 086	BOLT, 5/16-18 X 1-7/8 HEX-HD -2-
	180 087	BOLT, 5/16-18 X 2 HEX HD -4-
	180 089	BOLT, 5/16-18 X 2-1/4 HEX HD -2-
	180 735	BOLT, 5/16-18 X 3-1/4 HEX-HD
	120 376	NUT, 5/16-18 HEX -4-
	3 050 129 R1	WASHER, 5/16 LOCK -5-
	933 570 R1	DISK, SPRING -7-
4	3 055 242 R1	STUD -4-
5		SEAL, OIL -NOT SERVICED SEPARATELY-
		-FOR SERVICE ORDER 1-3 136 724 R93
		PACKAGE-
6	3 056 855 R1	POINTER, TIMING
7	3 136 782 R1	STUD
8	3 055 243 R1	STUD -3-
9	3 144 072 R1	GASKET, CRANKCASE FRONT COVER



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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CRANKCASE FRONT COVER -CONTINUED



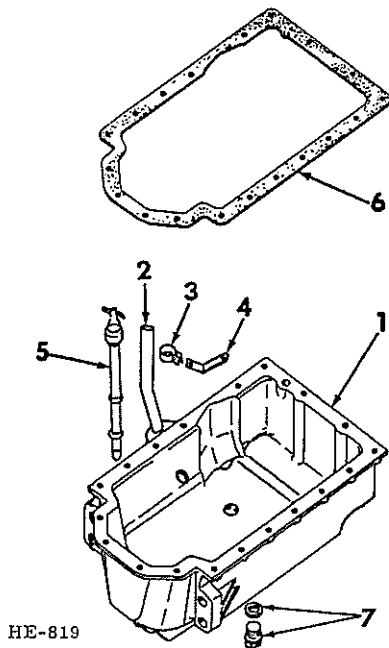
HE-4844

10	3 055 064 R11	PLATE ASSY, CRANKCASE FRONT
		-INCLUDES 2-120 376, NUT-
	180 075	BOLT, 5/16-18 X 5/8 HEX-HD -7-
	3 050 129 R1	WASHER, 5/16 LOCK -7-
	120 376	NUT, 5/16-18 HEX -2-
11	3 055 239 R1	GASKET, CRANKCASE FRONT COVER PLATE
12	3 055 142 R1	COVER, HYDRAULIC PUMP
	180 122	BOLT, 3/8-16 X 1 HEX HD
	446 641	BOLT, 3/8-16 X 3-5/8 HEX HD
	120 382	NUT, 3/8-16 HEX
	3 050 221 R1	WASHER, 3/8 LOCK -2-
13	3 055 143 R1	GASKET, HYDRAULIC PUMP COVER
14	3 136 766 R2	GASKET, WATER CHANNEL
15	3 055 246 R1	GASKET, WATER CHANNEL
16	3 136 764 R1	CHANNEL, WATER
	180 079	BOLT, 5/16-18 X 1 HEX HD -3-
	180 086	BOLT, 5/16-18 X 1-7/8 HEX HD
	180 087	BOLT, 5/16-18 X 2 HEX HD
	180 735	BOLT, 5/16-18 X 3-1/4 HEX HD -5-
	120 376	NUT, 5/16-18 HEX -7-
	3 050 129 R1	WASHER, 5/16 LOCK -5-
	933 570 R1	DISK, SPRING -5-
17	3 138 640 R1	GASKET, COVER INJECTION PUMP
18	3 138 972 R1	PLUG, EXPANSION
19	933 223 R1	SCREW, LOCKING
	3 051 337 R1	RING, PACKING



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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OIL PAN



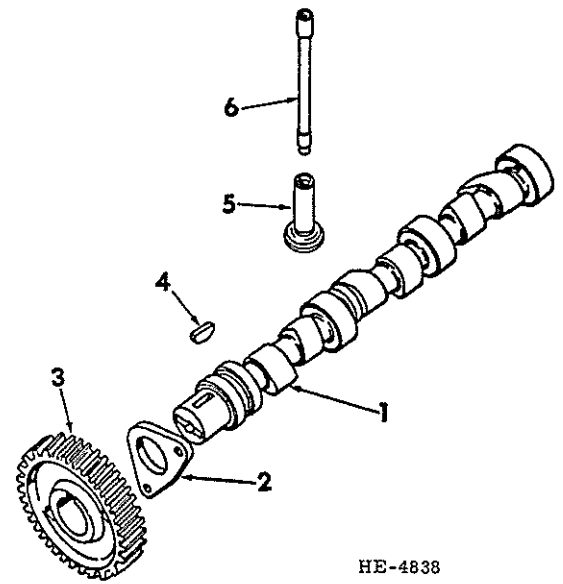
HE-819

1	3 132 813 R51	PAN ASSY, OIL -INCLUDES 1-3 132 814 R2, TUBE- 180 078 BOLT, 5/16-18 X 7/8 HEX HD -2- 180 079 BOLT, 5/16-18 X 1 HEX HD -11- 180 080 BOLT, 5/16-18 X 1-1/8 HEX HD -4- 180 113 BOLT, 5/16-18 X 3 HEX HD -2- 3 050 129 R1 WASHER, 5/16 LOCK -15-
2	3 132 814 R2	PIPE, OIL FILLING
3	3 132 818 R1	CLAMP, FASTENING OIL FILLER TUBE 180 018 BOLT, 1/4-20 X 5/8 HEX HD 120 375 NUT, 1/4-20 HEX 120 380 WASHER, 1/4 LOCK
4	3 132 817 R1	ANGLE, FIXING 120 898 WASHER, 9/16 LOCK
5	3 132 816 R1	COVER ASSY, WITH OIL LEVEL GAUGE
6	3 055 160 R1	GASKET, OIL PAN
7	3 132 544 R2	PLUG, FILLER AND DRAIN
	933 608 R1	RING, PACKING



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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ENGINE CAMSHAFT

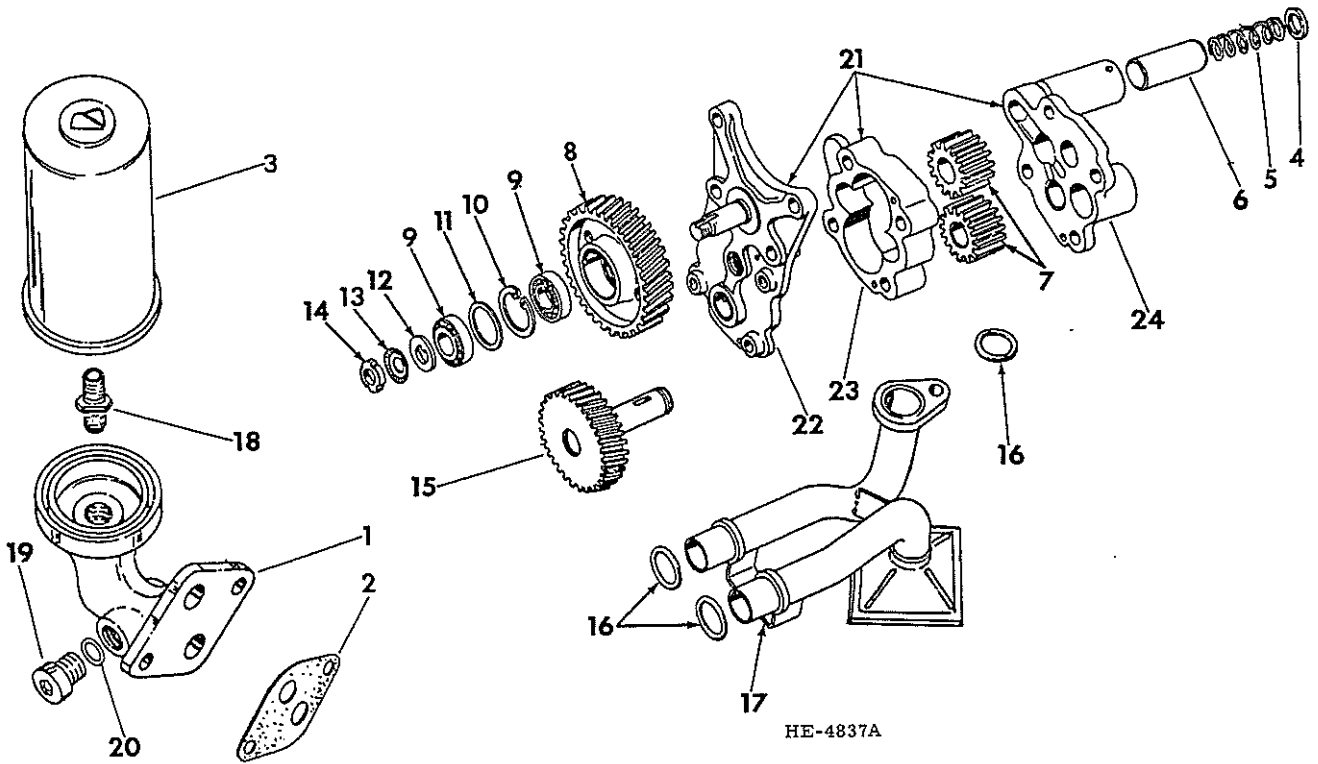


HE-4838

1	3 055 045 R1	CAMSHAFT
2	3 055 051 R1	PLATE, CAMSHAFT THRUST
	180 077	BOLT, 5/16-18 X 3/4 HEX-HD -2-
3	3 050 129 R1	WASHER, 5/16 LOCK -2-
3	3 055 176 R1	GEAR, CAMSHAFT 66 TEETH
4	112 139	KEY, CAMSHAFT GEAR
5	3 055 052 R1	TAPPET, VALVE -6-
6	3 055 053 R91	ROD, VALVE PUSH -6- -OPT TO USE 1-3 132 394 R91 OR 1-3 144 342 R1, ROD-
6	3 132 394 R91	ROD, VALVE PUSH -6- -OPT TO USE 1-3 055 053 R91 OR 1-3 144 342 R1, ROD-
6	3 144 342 R1	ROD, VALVE PUSH -6- -OPT TO USE 1-3 055 053 R91 OR 1-3 132 394 R91, ROD-

LUBRICATING OIL PUMP AND FILTER

LUBRICATING OIL PUMP AND FILTER -CONTINUED



- 3 136 429 R91 OIL PUMP ASSEMBLY
 -CONSISTS OF
 - 4-WASHER 3 050 129 R1
 - 4-BOLT 180 084
 - 4-NUT 120 376
 - 1-CARRIER ASSY 3 136 435 R91
 - 1-GEAR ASSY 3 136 437 R91
 - 1-GEAR SET 3 136 440 R91
 - 1-PLATE 3 055 296 R1
 - 1-NUT 3 055 295 R1
 - 1-WASHER 3 055 371 R1
 - 1-RING 933 579 R1
 - 1-GEAR 3 055 291 R1
 - 1-WASHER 3 055 292 R1
 - 2-BEARING 3 055 293 R91
- OR 3 055 294 R91
- 138 222 SCREW, 5/16-18 X 1 SOCKET-HD CAP -4-
- 3 050 129 R1 WASHER, 5/16 LOCK -4-
- 3 050 129 R1 WASHER, 5/16 LOCK -4-
- 1 3 132 209 R1 SOCKET, OIL FILTER
 -NOT PART OF OIL PUMP ASSEMBLY-
 BOLT, 3/8-16 X 1 HEX HD -2-
 3 050 221 R1 WASHER, 3/8 LOCK -2-
- 2 3 055 237 R1 GASKET, OIL FILTER SOCKET
 -NOT PART OF OIL PUMP ASSEMBLY-
- 3 398 080 R2 FILTER, OIL
 -NOT PART OF OIL PUMP ASSEMBLY-
- 4 3 139 620 R1 WASHER, SPRING

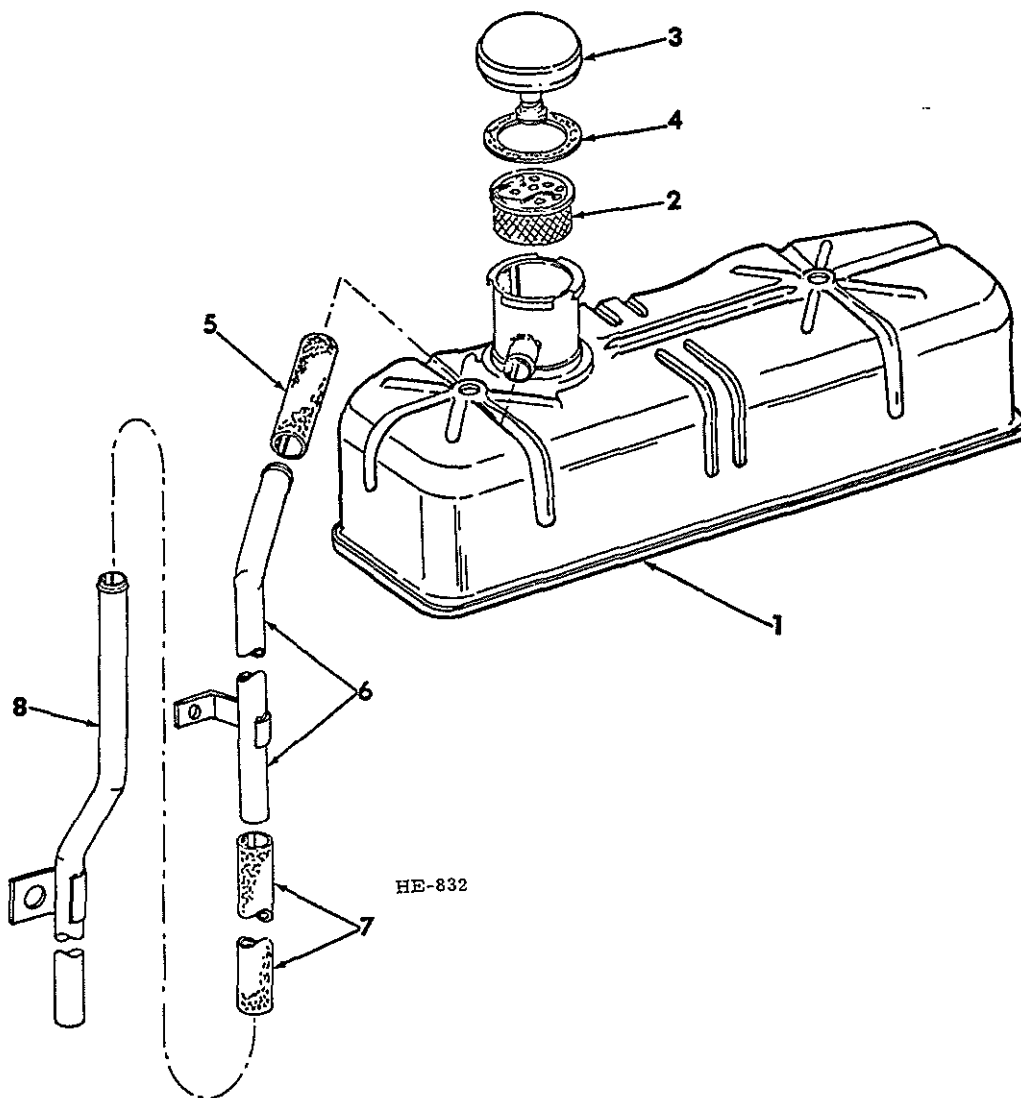
- 5 3 136 264 R1 SPRING, PRESSURE RELIEF VALVE
- 6 3 055 202 R2 VALVE, PISTON RELIEF
- 7 3 136 440 R91 GEAR SET, OIL PUMP
- 8 3 055 291 R1 GEAR, OIL PUMP IDLER
- 9 3 055 293 R91 BEARING, TAPER ROLLER -2-
 OPT TO USE 1-3 055 294 R91 BEARING
- 9 3 055 294 R91 BEARING, TAPER ROLLER -2-
 OPT TO USE 1-3 055 293 R91 BEARING
- 10 933 579 R1 RING, LOCKING
- 11 3 055 292 R1 WASHER
- 12 3 055 371 R1 WASHER, KEYED OIL PUMP IDLER GEAR
- 13 3 055 296 R1 PLATE, LOCKING
- 14 3 055 295 R1 NUT, SHAFT
- 15 3 136 437 R91 GEAR ASSY, OIL PUMP DRIVE
- 16 3 055 199 R1 O-RING -3-
 -NOT PART OF OIL PUMP ASSEMBLY-
- 17 3 132 828 R91 PIPE ASSY, OIL PRESSURE AND SUCTION
 -NOT PART OF OIL PUMP ASSEMBLY-
 BOLT, 5/16-18 X 3/4 HEX HD
 180 077
 3 050 129 R1 WASHER, 5/16 LOCK

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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CRANKCASE BREATHER AND TUBES

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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CRANKCASE BREATHER AND TUBES -CONTINUED

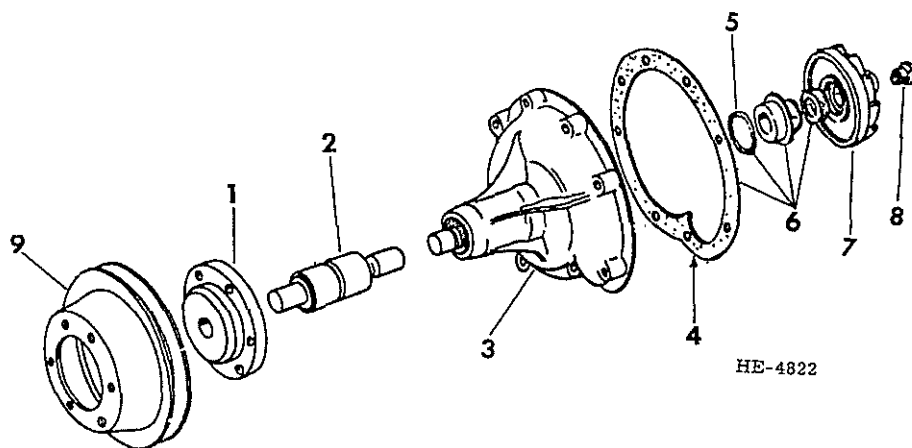


- 1 3 136 358 R13 COVER ASSY, HOUSING
-FOR COMPONENT PARTS REFER TO
CYLINDER HEAD AND VALVE LEVER
SHAFT-
- 2 3 136 336 R1 ELEMENT, BREATHER
- 3 3 136 337 R91 CAP ASSY, BREATHER
-INCLUDES 1-3 136 338 R1, GASKET-
- 4 3 136 338 R1 GASKET
- 5 3 136 361 R1 HOSE, CONNECTING
- 6 3 136 359 R91 TUBE ASSY, BREATHER UPPER
- 7 3 136 339 R1 HOSE, CONNECTING
- 8 3 136 362 R11 TUBE ASSY, BREATHER LOWER
180 197 BOLT, 9/16-12 X 3/4 HEX HD
120 898 WASHER, 9/16 LOCK



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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WATER PUMP ASSEMBLY



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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WATER PUMP ASSEMBLY -CONTINUED

3	144 458 R91	PUMP ASSY, WATER -CONSISTS OF	
		1-HUB	3 055 188 R1
		1-BODY ASSY	3 144 662 R91
		1-IMPELLER	3 055 211 R2
		1-RING	3 055 260 R1
		1-PLUG	3 055 308 R1
	187 147	BOLT, 5/16-18 X 3-1/2 HEX-HD	-4-
	120 376	NUT, 5/16-18 HEX	-4-
	120 214	WASHER, 5/16 LOCK	-4-
1	3 055 188 R1	HUB, WATER PUMP PULLEY	
2	3 144 445 R1	BEARING, WATER PUMP	
3	3 144 662 R91	BODY ASSY, WATER PUMP -INCLUDES 1-3 144 445 R1, BEARING-	
	187 147	BOLT, 5/16 X 18 X 3-1/2 HEX-HD	-4-
	120 376	NUT, 5/16-18 HEX	-4-
	120 214	WASHER, 5/16 LOCK	-8-
4	3 055 177 R1	GASKET, WATER PUMP	
5	3 055 260 R1	RING, SEAL	
6	3 055 285 R92	PACKAGE, WATER PUMP RECONDITIONING -CONSISTS OF	
		\$ 1 PACKING	
		\$ 1 RING	
		1-RING	3 055 260 R1
		1-GASKET	3 055 177 R1
7	3 055 211 R2	IMPELLER, WATER PUMP	
8	3 055 308 R1	PLUG, CLOSING	
9	3 055 178 R1	PULLEY, WATER PUMP	



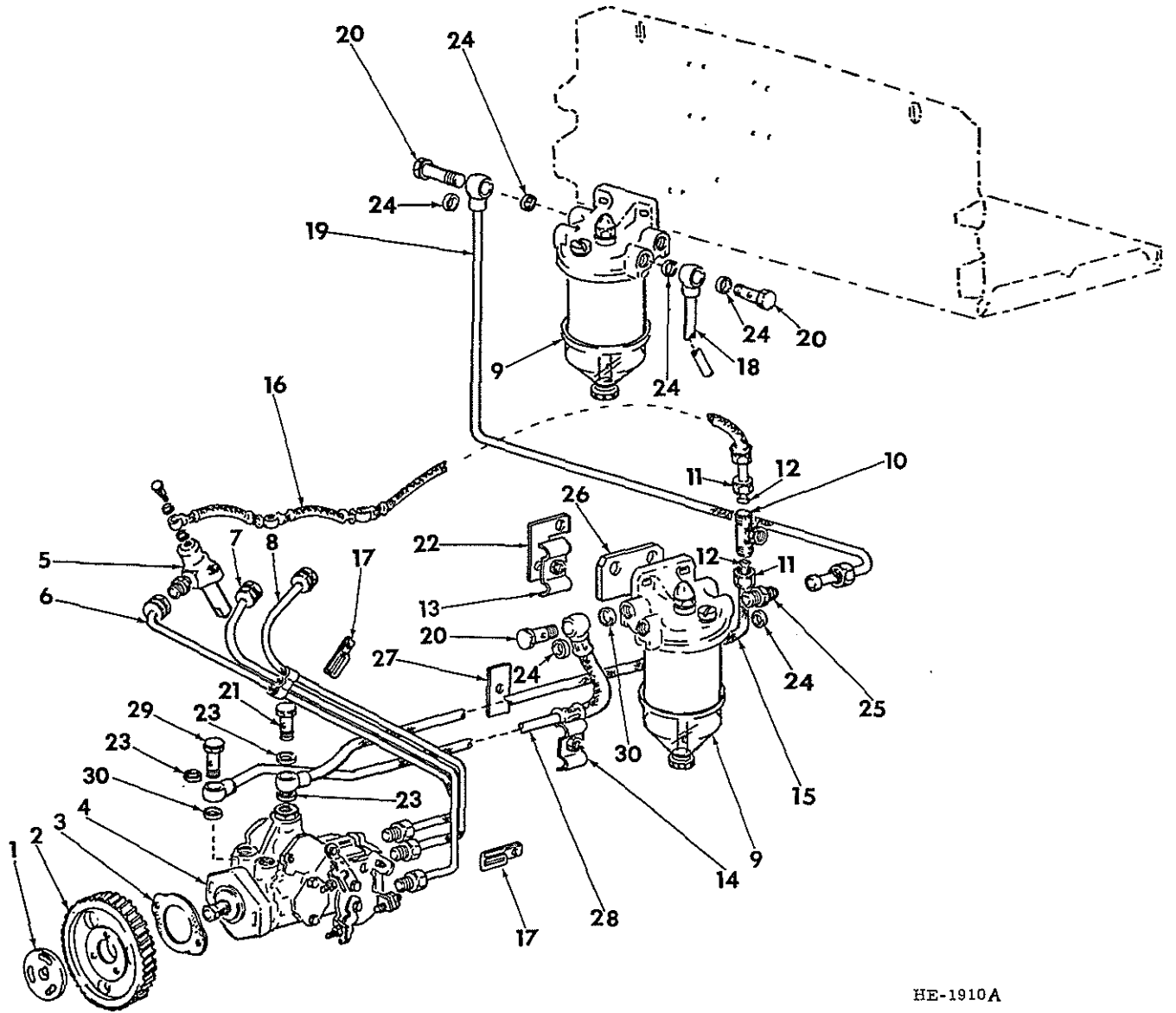
REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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FUEL CONNECTION AND LINES



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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FUEL CONNECTION AND LINES -CONTINUED



HE-1910A

POWER		-15-	SECTION 12
REF. NO.	PART NUMBER	DESCRIPTION	TC-210

FUEL CONNECTION AND LINES -CONTINUED			
1	3 055 067 R1 180 077	HUB, GEAR, INJECTION PUMP BOLT, 5/16-18 X 3/4 HEX-HD -3-	
2	3 056 885 R3	GEAR, INJECTION PUMP	
3	3 055 384 R1	GASKET, FUEL INJECTION PUMP	
4	3 144 415 R91	PUMP ASSY, FUEL INJECTION -FOR COMPONENT PARTS OF THIS ASSEMBLY REFER TO FUEL INJECTION PUMP IN THIS SECTION OF THE PARTS CATALOG-	
	120 376	NUT, 5/16-18 HEX -2-	
	3 050 129 R1	WASHER, 5/16 LOCK -2-	
	3 055 574 R1	WASHER, 8.5 X 19 X 2.5 MM FLAT -2-	
5	3 055 422 R92	HOLDER ASSY, INJECTION NOZZLE -3- -FOR COMPONENT PARTS OF THIS ASSEMBLY REFER TO FUEL INJECTION NOZZLE IN THIS SECTION OF THE PARTS CATALOG	
	717 203 R1	O-RING -3-	
6	3 144 278 R91	TUBE ASSY, INJECTION CYLINDER 1	
7	3 144 280 R91	TUBE ASSY, INJECTION CYLINDER 2	
8	3 144 282 R91	TUBE ASSY, INJECTION CYLINDER 3	
9	3 144 239 R91	FILTER ASSY, FINAL & PRIMARY FUEL -2- -FOR COMPONENT PARTS OF THIS ASSEMBLY REFER TO FUEL FILTER IN THIS SECTION OF THE CATALOG-	
10	3 055 739 R1	T-UNION	
11	3 056 137 R1	NUT, TUBE -2-	
12	3 056 136 R1	FERRULE -2-	
13	3 055 386 R1 180 018 3 052 189 R1	CLIP, FUEL LINES BOLT, 1/4-20 X 5/8 HEXHD WASHER, 1/4 LOCK	
14	3 055 386 R1 180 018 3 052 189 R1	CLIP BOLT, 1/4-20 X 5/8 HEX-HD WASHER, 1/4 LOCK	
15	3 144 417 R1	TUBE, FUEL	
16	3 132 826 R1	LINE, LEAK	
17	3 132 766 R1 180 016 180 018 3 052 189 R1 120 375	CLAMP, PIPE -2- BOLT, 1/4-20 X 1/2 HEX-HD BOLT, 1/4-20 X 5/8 HEX-HD WASHER, LOCK -2- NUT, 1/4-20 HEX	
18	3 144 761 R1	TUBE, FUEL	
19	3 144 762 R1	TUBE, FUEL	
20	710 098 R2	SCREW, HOLLOW -3-	
21	3 059 086 R1	SCREW, PUMP HOUSING	
22	3 055 678 R1 20 285 H	LINK, FIXING, FUEL LINES WASHER, FLAT	
23	713 845 R1	RING, PACKING -3-	
24	933 610 R1	RING, PACKING -7-	
25	3 132 483 R1	CONNECTOR	

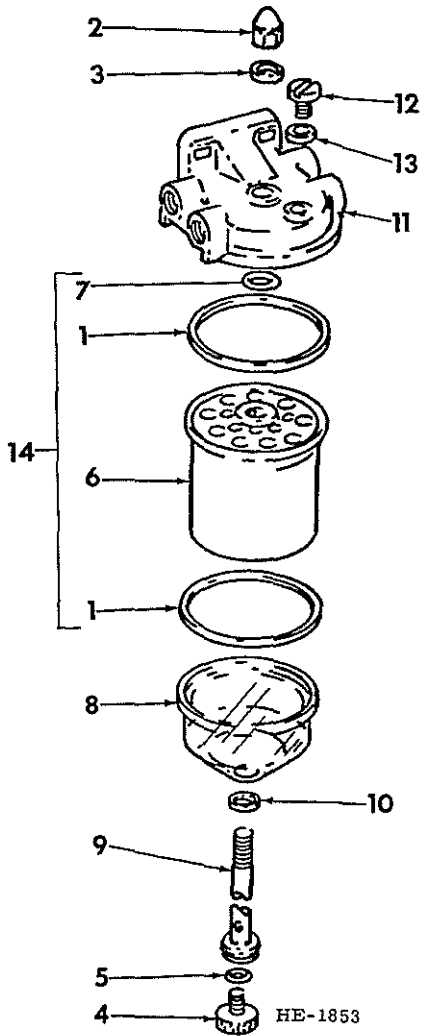
POWER		-15-	SECTION 12
REF. NO.	PART NUMBER	DESCRIPTION	TC-210

FUEL CONNECTION AND LINES -CONTINUED			
26	3 059 289 R1	PLATE, THRUST	
27	3 132 318 R1	PLATE, COUNTER	
28	3 144 207 R1	HOSE, FUEL	
29	717 200 R1	SCREW, HOLLOW	
30	934 005 R1	RING, SEALING	



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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FUEL FILTER



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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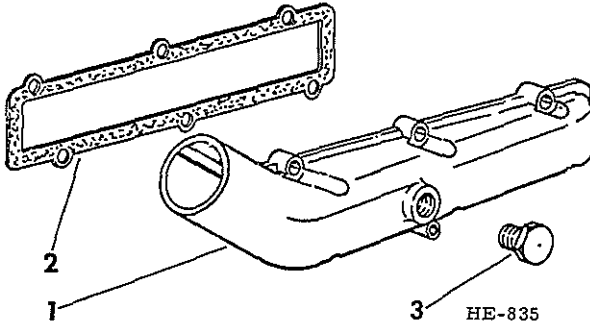
FUEL FILTER -CONTINUED

3	144 239 R91	FILTER ASSY, FUEL -2- -COMPOSED OF PARTS LISTED BELOW-	
	180 123	BOLT, 3/8-16 X 1-1/8 -4-	
	933 620 R1	DISC, SPRING -4-	
1	3 144 472 R1	RING, PACKING -2- BOSH	
1	3 105 001 R1	RING, PACKING -2- CAV	
2	3 144 473 R1	NUT-CROWN	
3	3 144 474 R1	RING, PACKING	
4	3 144 475 R1	SCREW, DRAIN	
5	3 144 476 R2	RING, PACKING	
6		ELEMENT, FILTER -NOT SERVICED SEPARATELY ORDER 3 144 477 R92 OR 3 044 506 R93 PACKAGE	
7	3 144 779 R1	RING, PACKING - BOSH	
7	3 044 505 R1	RING, PACKING - CAV	
8	3 144 478 R1	BOWL-GLASS	
9	3 144 479 R1	SCREW, HOLLOW	
10	3 144 480 R1	RING, PACKING	
11	3 144 483 R1	HEAD	
12	3 144 780 R1	SCREW, AIR VENT	
13	757 760 R1	RING, PACKING	
14	3 144 477 R92	ELEMENT ASSY, FILTER - BOSH -OPT W/3 044 506 R93 ELEMENT-	
14	3 044 506 R93	ELEMENT ASSY, FILTER - CAV -OPT W/3 144 477 R92 ELEMENT	



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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INTAKE MANIFOLD

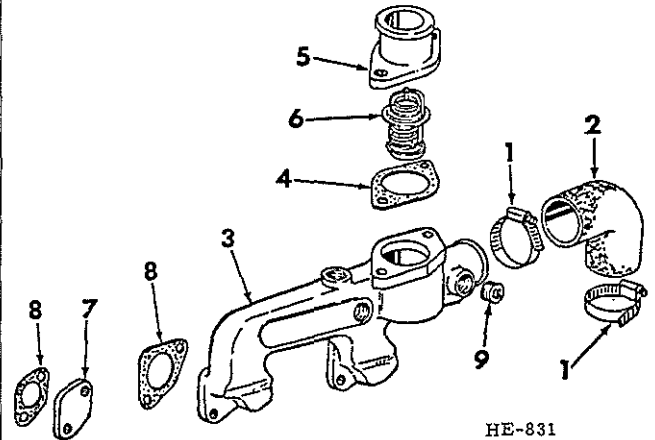


1	3 055 273 R5	MANIFOLD, INTAKE
	180 083	BOLT, 5/16-18 X 1-1/2 HEX HD -6-
	933 570 R1	DISC, SPRING -6-
2	3 055 277 R1	GASKET, INTAKE MANIFOLD -OPT TO USE 1-3 055 397 R1 GASKET-
2	3 055 397 R1	GASKET, INTAKE MANIFOLD -OPT TO USE 1-3 055 277 R1 GASKET-
3	3 138 932 R1	PLUG, CLOSING



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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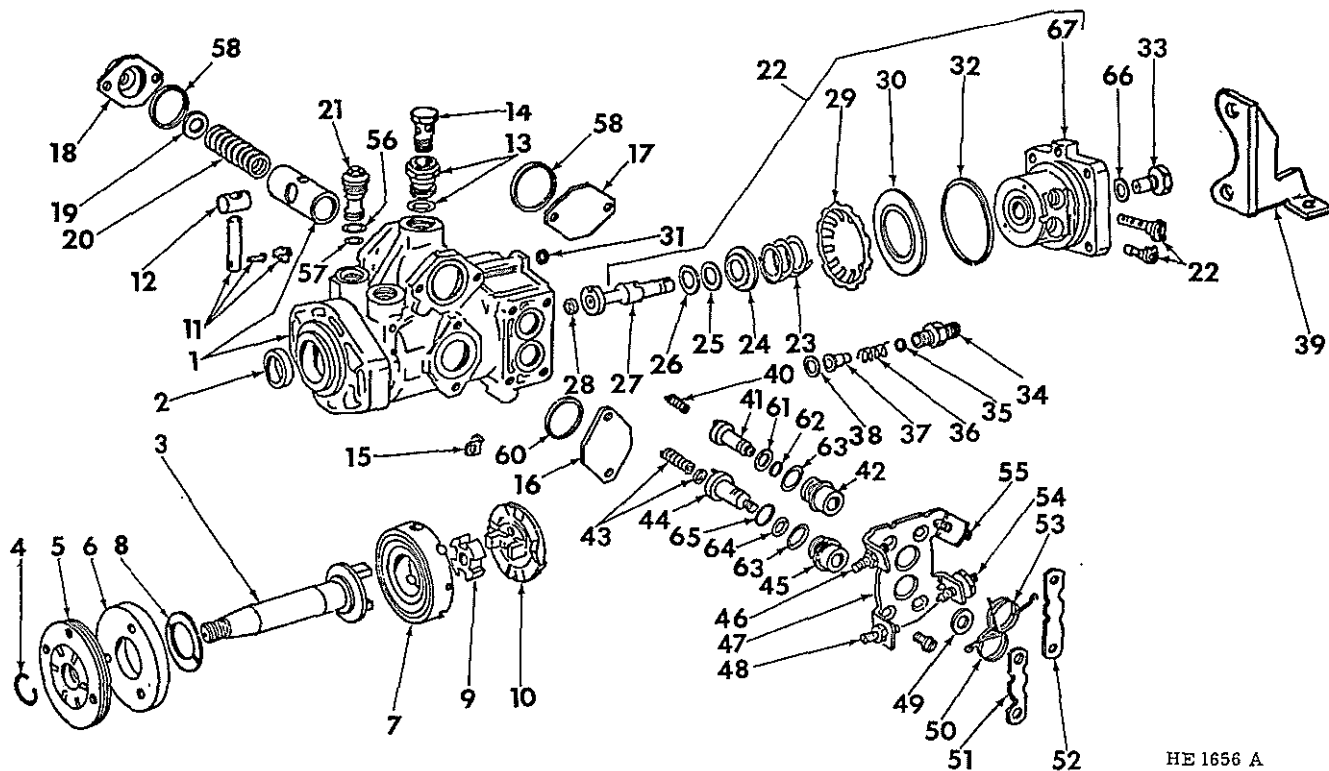
COOLANT MANIFOLD AND THERMOSTAT



1	3 055 258 R91	CLAMP - CONNECTING HOSE THERMOSTAT -2- -OPT TO USE 1-755 023 R1, CLAMP-
1	755 023 R91	CLAMP - CONNECTING HOSE THERMOSTAT -2- -OPT TO USE 1-3 055 258 R91 CLAMP-
2	3 132 719 R1	HOSE, ELBDW TO MANIFOLD
3	3 132 727 R2	HOUSING, THERMOSTAT
	3 136 506 R1	RING, PACKING 8 X 14 X 1.5MM
	180 077	BOLT, 5/16-18 X 3/4 HEX-HD -6-
	3 050 129 R1	WASHER, 5/16 LOCK -6-
	120 368	NUT, 5/16-24 HEX -4-
	120 214	WASHER, 5/16 LOCK -3-
4	3 132 143 R1	GASKET
5	3 132 142 R2	OUTLET, WATER THERMOSTAT
	180 124	BOLT, 3/8-16 X 1-1/4 HEX-HD -2-
	120 382	WASHER, 3/8 LOCK -2-
6	3 059 676 R91	THERMOSTAT
7	3 132 721 R1	COVER
	120 368	NUT, 5/16-24 HEX -2-
	120 214	WASHER, 5/16 LOCK -2-
8	3 055 306 R1	GASKET, WATER COLLECTING PIPE -3-
9	444 667	PLUG, 1/2-14 NPT CLOSING -3-

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
	FUEL INJECTION PUMP - BOSCH -		

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
	FUEL INJECTION PUMP - BOSCH - -CONTINUED		



HE 1656 A

3	144 415 R91	PUMP ASSY, FUEL INJECTION MODEL NO EP/VA3/100H 1250 CR 9-1
	120 376	NUT, 5/16-18 HEX -2-
3	050 129 R1	WASHER, 5/16 LOCK -2-
3	055 574 R1	WASHER, 8.5C 19 X 2.5MM FL RD HOLE -2-
1	3 078 572 R91	HOUSING, CPT
2	3 078 355 R1	OIL SEAL, DRIVE SHAFT
3	3 078 473 R1	SHAFT, DRIVE
	3 132 395 R1	KEY, DRIVE SHAFT REAR WOODRUFF
	3 078 371 R1	KEY, DRIVE SHAFT FRONT WOODRUFF
4	3 078 474 R1	RING, RETAINING
5	3 078 475 R91	PUMP, CHARGE
6	3 078 476 R1	RING, CHARGE PUMP SUPPORT
	3 078 477 R1	BOLT, RING COUNTERSUNK -2-
7	3 078 550 R91	RETAINER ASSY, ROLLER
8	3 078 479 R1	WASHER, ROLLER RETAINER THRUST
9	3 059 007 R1	DISC, CAM FACE CROSS TYPE
10	3 078 696 R1	CAM, FACE
11	3 078 481 R1	PIN, AUTOMATIC ADVANCE CONNECTING

12	3 078 482 R1	SLIDER, ADVANCE PISTON
13	3 078 484 R1	VALVE, OVERFLOW
14	3 059 086 R1	SCREW, PUMP HOUSING
15	3 132 598 R1	POINTER, TIMING
	931 326 R1	SCREW, PAN HEAD
	933 982 R1	WASHER, LOCK
16	3 078 486 R1	COVER, TIMING WINDOW
	931 330 R1	SCREW, WINDOW COVER -2-
17	3 078 486 R1	PLATE, ADV. HOUSING
	931 585 R1	BOLT, HEX-HD -2-
18	3 078 489 R1	COVER, ADV HOUSING
	931 585 R1	BOLT, HEX-HD -2-
19	3 078 528 R1	WASHER, 0.6 MM ADVANCE PISTON THRUST
19	3 078 529 R1	WASHER, 0.8 MM ADVANCE PISTON THRUST
19	3 078 530 R1	WASHER, 1.0 MM ADVANCE PISTON THRUST
19	3 078 531 R1	WASHER, 1.2 MM ADVANCE PISTON THRUST
19	3 078 532 R1	WASHER, 1.4 MM ADVANCE PISTON THRUST
19	3 078 533 R1	WASHER, 3.0 MM ADVANCE PISTON THRUST
20	3 078 608 R1	SPRING, ADV PISTON
21	3 078 698 R1	REGULATOR VALVE

POWER		-19-	SECTION 12
REF. NO.	PART NUMBER	DESCRIPTION	TC-210
FUEL INJECTION PUMP - BOSCH - -CONTINUED			
22	3 078 762 R91	HEAD ASSY, DISTRIBUTOR -CONSISTS OF \$ 1 HEAD \$ 1 PLUNGER 1-SPRING 3 078 515 R1 1-SEAT 3 078 516 R1 1-WASHER 3 078 537 R1 1-WASHER 3 078 540 R1 1-WASHER 3 078 576 R1 1-FILTER 3 078 578 R1 1-O-RING 3 078 366 R1	
	3 078 600 R1	SCREW, DISTRIBUTOR HEAD TO PUMP -2-	
23	3 078 515 R1	SPRING, PLUNGER	
24	3 078 516 R1	SEAT, SPRING PLUNGER	
25	3 078 537 R1	WASHER, 1.65 MM PLUNGER -AS REQUIRED-	
25	3 078 571 R1	WASHER, 2.35 MM PLUNGER -AS REQUIRED-	
26	3 078 540 R1	WASHER, 1.35 MM PLUNGER -AS REQUIRED-	
26	3 078 541 R1	WASHER, 1.6 MM PLUNGER--AS REQUIRED-	
26	3 078 542 R1	WASHER, 1.85 MM PLUNGER -AS REQUIRED-	
27		PLUNGER, DISTRIBUTOR HEAD -NOT SERVICED SEPARATELY- -FOR SERVICE ORDER 1-3 078 762 R91, HEAD ASSY-	
28	3 078 761 R1	WASHER, 1.80 MM PLUNGER -AS REQUIRED-	
28	3 078 763 R1	WASHER, 1.84 MM PLUNGER -AS REQUIRED-	
28	3 078 765 R1	WASHER, 1.88 MM PLUNGER -AS REQUIRED-	
28	3 078 767 R1	WASHER, 1.92 MM PLUNGER -AS REQUIRED-	
28	3 078 769 R1	WASHER, 1.96 MM PLUNGER -AS REQUIRED-	
28	3 078 771 R1	WASHER, 2.00 MM PLUNGER -AS REQUIRED-	
28	3 078 773 R1	WASHER, 2.04 MM PLUNGER -AS REQUIRED-	
28	3 078 775 R1	WASHER, 2.08 MM PLUNGER -AS REQUIRED-	
28	3 078 777 R1	WASHER, 2.12 MM PLUNGER -AS REQUIRED-	
28	3 078 779 R1	WASHER, 2.16 MM PLUNGER -AS REQUIRED-	
28	3 078 781 R1	WASHER, 2.20 MM PLUNGER -AS REQUIRED-	
28	3 078 783 R1	WASHER, 2.24 MM PLUNGER -AS REQUIRED-	
28	3 078 785 R1	WASHER, 2.28 MM PLUNGER -AS REQUIRED-	
28	3 078 787 R1	WASHER, 2.32 MM PLUNGER -AS REQUIRED-	
28	3 078 789 R1	WASHER, 2.36 MM PLUNGER -AS REQUIRED-	
28	3 078 791 R1	WASHER, 2.40 MM PLUNGER -AS REQUIRED-	
28	3 078 793 R1	WASHER, 2.44 MM PLUNGER -AS REQUIRED-	
28	3 078 795 R1	WASHER, 2.48 MM PLUNGER -AS REQUIRED-	
28	3 078 797 R1	WASHER, 2.52 MM PLUNGER -AS REQUIRED-	
28	3 078 799 R1	WASHER, 2.56 MM PLUNGER -AS REQUIRED-	
28	3 078 801 R1	WASHER, 2.60 MM PLUNGER -AS REQUIRED-	
28	3 078 803 R1	WASHER, 2.64 MM PLUNGER -AS REQUIRED-	
28	3 078 805 R1	WASHER, 2.68 MM PLUNGER -AS REQUIRED-	
28	3 078 807 R1	WASHER, 2.72 MM PLUNGER -AS REQUIRED-	
28	3 078 809 R1	WASHER, 2.76 MM PLUNGER -AS REQUIRED-	
28	3 078 811 R1	WASHER, 2.80 MM PLUNGER -AS REQUIRED-	
28	3 078 813 R1	WASHER, 2.84 MM PLUNGER -AS REQUIRED-	
28	3 078 815 R1	WASHER, 2.88 MM PLUNGER -AS REQUIRED-	
29	3 078 576 R1	WASHER, SPRING	
30	3 078 578 R1	FILTER	
31	3 078 487 R1	RING, PACKING	
32	3 078 366 R1	O-RING, DISTRIBUTOR HEAD	
33	3 078 514 R1	PLUG, DISTRIBUTOR HEAD	
34	3 059 067 R1	HOLDER, DELIVERY VALVE -3-	
35	3 059 066 R1	WASHER, DELIVERY VALVE -3-	
36	3 132 408 R1	SPRING, DELIVERY VALVE -3-	
37	3 059 064 R1	VALVE, DELIVERY -3-	
38	3 078 362 R1	WASHER, DELIVERY VALVE -3-	
39	3 078 570 R1	BRACKET, INJECTION PUMP	
	3 078 600 R1	SCREW, BRACKET TO DISTRIBUTOR -2-	

POWER		-19-	SECTION 12
REF. NO.	PART NUMBER	DESCRIPTION	TC-210
FUEL INJECTION PUMP - BOSCH - -CONTINUED			
40	3 078 555 R1	SPRING, THROTTLE	
41	3 078 517 R1	SHAFT, THROTTLE	
42	3 078 556 R1	BUSHING, THROTTLE SHAFT	
43	3 078 700 R91	PACKAGE, CONTROL PLUNGER SPRING SERVICE	
44	3 078 521 R1	SHAFT, CONTROL PLUNGER	
45	3 078 524 R1	BUSHING, CONTROL PLUNGER	
46	3 136 136 R1	SCREW, STOP	
	933 988 R1	NUT, STOP SCREW HEX	
47	3 078 557 R1	PLATE, STOP	
	931 320 R1	SCREW, STOP PLATE -4-	
	933 988 R1	NUT, STOP SCREW HEX	
48	3 059 074 R1	SCREW, STOP	
	933 988 R1	NUT, HEXAGON, STOP SCREW -3-	
49	3 059 076 R1	WASHER, PLUNGER SHAFT	
50	3 132 589 R1	SPRING, PLUNGER SHAFT TORSION	
51	3 059 077 R1	LEVER, CONTROL PLUNGER -OPT TO USE 1-	
	933 988 R1	3 059 078 R1, LEVER-	
	933 987 R1	NUT, PLUNGER LEVER HEX WASHER, PLUNGER LEVER LOCK	
51	3 059 078 R1	LEVER, CONTROL PLUNGER -OPT TO USE 1-	
	933 988 R1	3 059 077 R1, LEVER-	
	933 987 R1	NUT, PLUNGER LEVER HEX WASHER, PLUNGER LEVER LOCK	
52	3 132 590 R1	LEVER, THROTTLE -OPT TO USE 1-	
	933 987 R1	3 132 591 R1, LEVER-	
	933 988 R1	WASHER, THROTTLE LOCK NUT, THROTTLE LEVER HEX	
52	3 132 591 R1	LEVER, THROTTLE -OPT TO USE 1-	
	933 987 R1	3 132 590 R1, LEVER-	
	933 988 R1	WASHER, THROTTLE LOCK NUT, THROTTLE LEVER HEX	
53	3 132 588 R1	SPRING, THROTTLE SHAFT TORSION	
54	3 132 251 R1	SCREW, STOP	
	3 059 096 R1	NUT, STOP SCREW HEX	
55	3 132 885 R1	SCREW, STOP	
	933 988 R1	NUT, STOP SCREW HEX	
56	3 078 358 R1	O-RING, REGULATOR VALVE	
57	3 078 535 R1	O-RING, REGULATOR VALVE	
58	3 078 488 R1	RING, ADV HOUSING & COVER PACKING -2-	
59	3 078 483 R1	O-RING, ADVANCE HOUSING	
60	3 078 485 R1	RING, TIMING WINDOW COVER PACKING	
61	3 078 519 R1	WASHER, THROTTLE SHAFT	
62	3 078 354 R1	O-RING, THROTTLE SHAFT	
63	785 602 R1	O-RING, THROTTLE SHAFT BUSHING -2-	
64	3 078 363 R1	O-RING, CONTROL PLUNGER SHAFT	
65	3 078 523 R1	WASHER, CONTROL PLUNGER SHAFT	
66	3 132 407 R1	RING, DISTRIBUTOR HEAD PLUG PACKING	
67		HEAD, DISTRIBUTOR -NOT SERVICED SEPARATELY ORDER 1-3 078 762 R91 HEAD ASSY-	



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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FUEL INJECTION PUMP - BOSCH - -CONTINUED

3 078 526 R91 PACKAGE, INJECTION PUMP GASKET

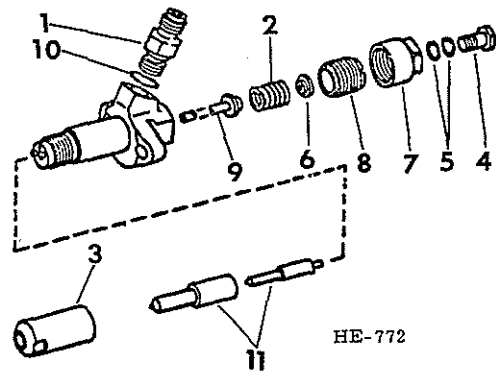
-COMPOSED OF-

2-RING	3 078 488 R1
1-O-RING	3 078 358 R1
1-O-RING	3 078 535 R1
1-O-RING	3 078 483 R1
1-RING	3 078 487 R1
1-RING	3 078 485 R1
1-O-RING	3 078 354 R1
2-O-RING	785 602 R1
1-O-RING	3 078 363 R1
1-O-RING	3 078 366 R1



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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FUEL INJECTION NOZZLE

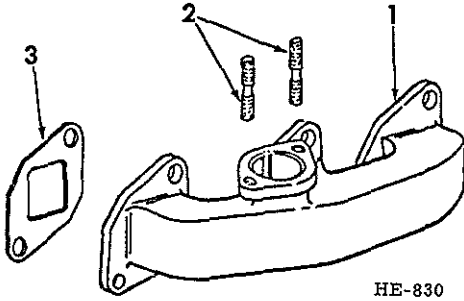
3 055 298 R92 HOLDER ASSY, NOZZLE
-COMPOSED OF PARTS LISTED BELOW-

1	3 056 940 R91	UNION, CONNECTION
2	759 844 R1	SPRING
3	3 133 042 R1	NUT, CAP, NOZZLE
4	3 132 999 R1	SCREW, INLET UNION
5	710 673 R2	RING, SEALING -2-
6	787 049 R1	CUP, SPRING
7	3 056 943 R1	NUT, NOZZLE HOLDER CAP
8	3 132 998 R1	SCREW, ADJUSTING
9	3 056 939 R91	PIN, THRUST
10	3 056 941 R1	RING, PACKING
11	3 055 426 R91	NOZZLE, FUEL INJECTION -NOT PART OF HOLDER ASSY-



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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EXHAUST MANIFOLD



- | | | |
|---|---------------|---|
| 1 | 3 058 002 R12 | MANIFOLD ASSY, EXHAUST
-INCLUDES 2-3 055 663 R1, STUD-
120 369 NUT, 3/8-24 HEX -6-
20 285 H WASHER, FLAT -6- |
| 2 | 3 055 663 R1 | STUD, EXHAUST MANIFOLD -6- |
| 3 | 3 132 434 R1 | GASKET, EXHAUST MANIFOLD -3- |



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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SERVICE ENGINE

- | | | |
|---|-------------|---|
| 3 | 132 669 R95 | ENGINE ASSY, D-155
3-7/8 X 4-3/8 3 CYL
-INCLUDES-
CAMSHAFT GROUP
RODS & PISTONS
COOLING
CRANKCASE GROUP
CRANKSHAFT GROUP
CYLINDER HEAD GROUP
INJECTION GROUP
LUBRICATION SYSTEM
MANIFOLD GROUP |
|---|-------------|---|

- | | | |
|---|-------------|--|
| 3 | 132 913 R94 | ENGINE ASSY, D-155 SKELETON
-INCLUDES-
CAMSHAFT GROUP
RODS & PISTONS
CRANKCASE GROUP
CRANKSHAFT GROUP |
|---|-------------|--|

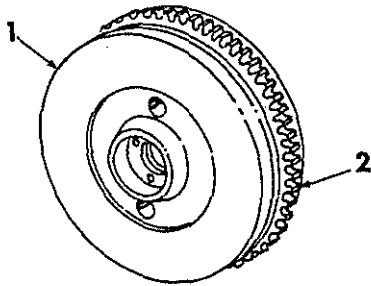
PRODUCT GRAPHIC

- | | | |
|---|------------|---|
| 3 | 136 674 R2 | PRODUCT GRAPHIC, INJECTION PUMP WARNING |
| 3 | 132 744 R1 | PRODUCT GRAPHIC, WATER DRAIN |



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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ENGINE FLYWHEEL



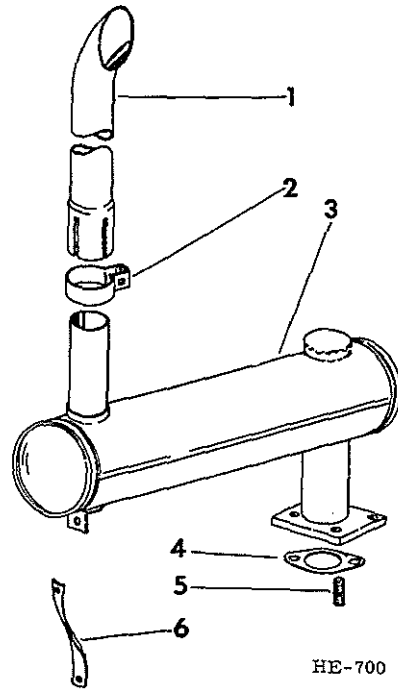
HE 802

1	676 994 R12	FLYWHEEL ASSY, ENGINE -INCLUDES 1-16 117 D, RING- -FOR USE ON TRACTORS EQUIPPED W/ GEAR DRIVE TRANSMISSION-
3	055 577 R2	BOLT, FLYWHEEL -7-
1	676 996 R12	FLYWHEEL ASSY, ENGINE -INCLUDES 1-16 117 D, RING- -FOR USE ON TRACTORS EQUIPPED W/ HYDRAULIC REVERSER-
3	055 577 R2	BOLT, FLYWHEEL -7-
1	676 998 R12	FLYWHEEL ASSY, ENGINE -INCLUDES 1-16 117 D, RING- -FOR USE ON TRACTORS EQUIPPED W/ HYDRAULIC REVERSES WITH TORQUE CONVERTER-
3	055 577 R2	BOLT, FLYWHEEL -7-
2	16 117 D	GEAR, 121T RING



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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ENGINE EXHAUST SYSTEM



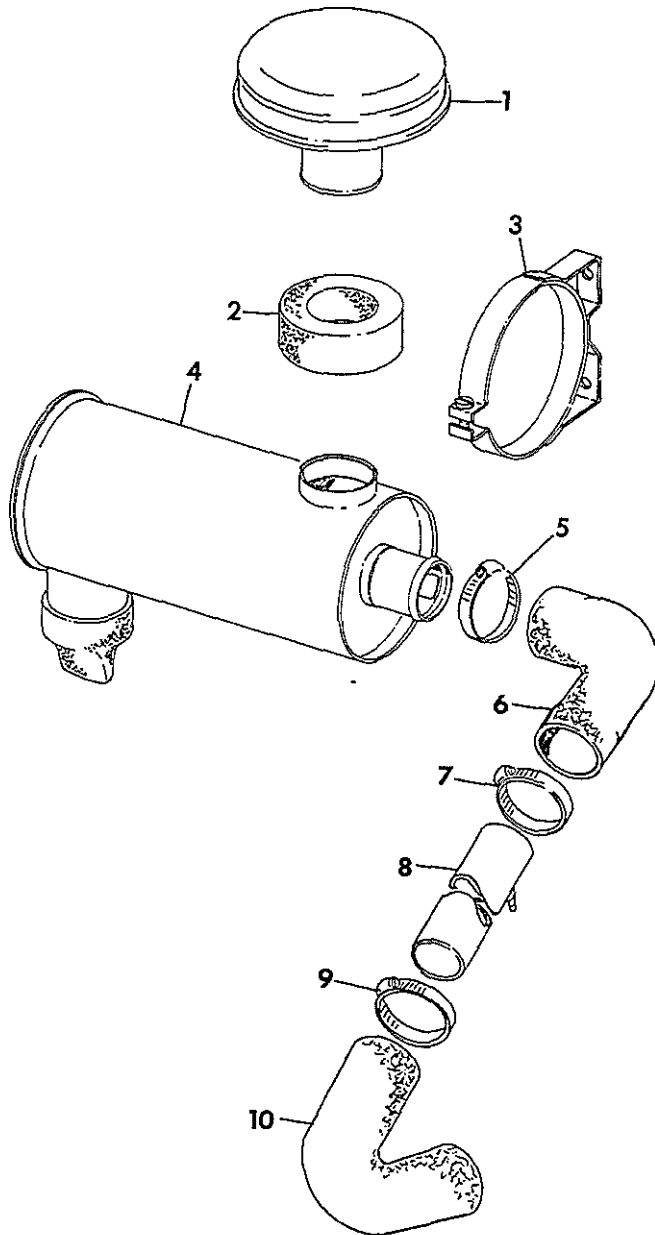
HE-700

1	677 502 R1	TUBE, VERTICAL EXHAUST
2	850 059 C1	CLAMP, EXHAUST TUBE
	598 805 R1	BOLT, 5/16-18 X 1-1/2 CARRIAGE
	120 376	NUT, 5/16-18 HEX
	120 214	WASHER, 5/16 LOCK
3	677 817 R91	MUFFLER ASSY, EXHAUST W/INTEGRAL SPARK ARRESTER-
	444 595	-INCLUDES 1-444 595, PLUG- PLUG, 3/4-14 NPTF C-2 AUTO SQ-HD
3	677 500 R91	MUFFLER ASSY, EXHAUST L/ARRESTER
4	677 501 R1	GASKET, MUFFLER FLANGE
5	636 431 R1	STUD, FLANGE -2-
	120 369	NUT, 3/8-24 HEX -2-
	120 382	WASHER, 3/8 LOCK -2-
6	677 505 R1	BRACE, MUFFLER SUPPORT
	180 120	BOLT, 3/8-16 X 3/4 HEX-HD
	120 377	NUT, 3/8-16 HEX
	120 382	WASHER, 3/8 LOCK



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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AIR CLEANER CONNECTIONS



HE-705A



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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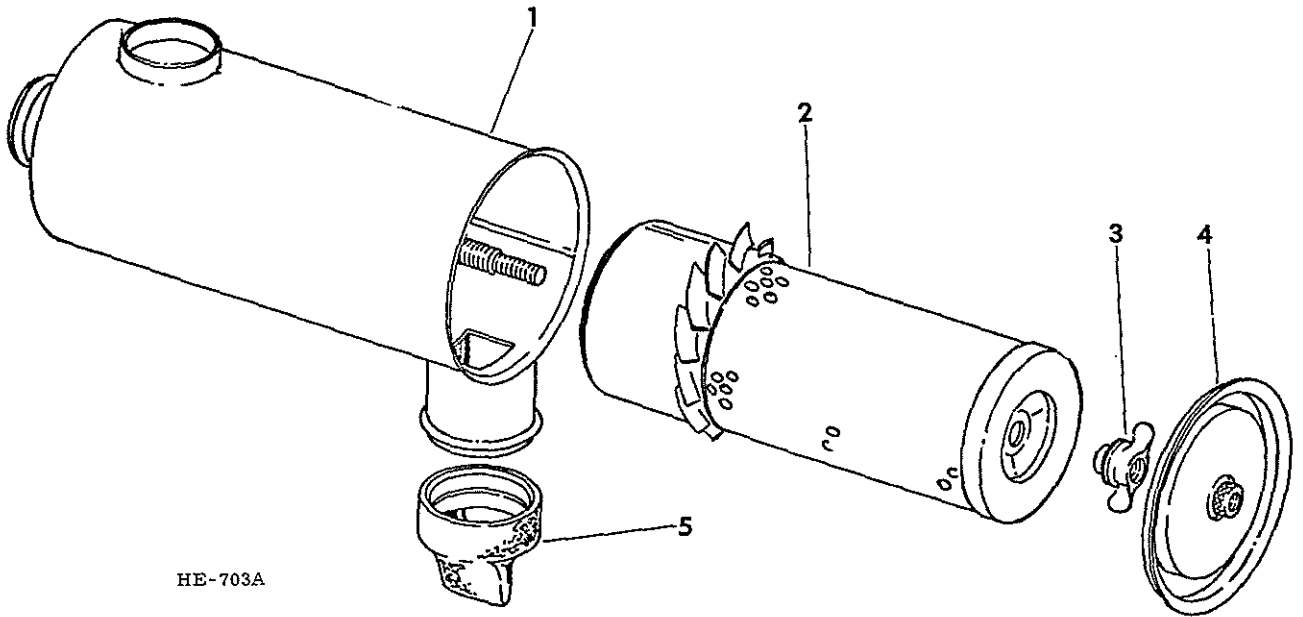
AIR CLEANER CONNECTIONS -CONTINUED

1	275 252 R91	CAP, AIR CLEANER INTAKE PRESCREENER -OPT TO USE 1-702 172 C1, CAP-	
1	702 172 C1	CAP, AIR CLEANER INTAKE PRESCREENER -OPT TO USE 1-275 252 R91, CAP-	
2	852 338 C1	RING, AIR INTAKE SEAL	
3	103 760 H1	CLAMP, AIR CLEANER -2- -INCLUDES 1-225 505, SCREW AND 1-140 687, NUT- 225 505 SCREW, 1/4-28 X 1-1/4 PLN FIL-HD SLT-MACH- 140 687 NUT, 1/4-28 PLN SQ MACH 180 120 BOLT, 3/8-16 X 3/4 HEX-HD -4- 120 377 NUT, 3/8-16 HEX -4- 120 382 WASHER, 3/8 LOCK -4- 619 856 R1 WASHER, .406 X 1.000 X .054 FLAT -4-	
4	852 337 C91	CLEANER ASSY, DRY-TYPE AIR -FOR COMPONENT PARTS OF THIS ASSEMBLY REFER TO DRY TYPE AIR CLEANER IN THIS SECTION OF THE CATALOG-	
5	279 028 R91	CLAMP, HOSE	
6	677 511 R1	HOSE, AIR CLEANER END	
7	279 029 R91	CLAMP, HOSE	
8	852 728 C1	TUBE ASSY, AIR CLEANER	
9	279 029 R91	CLAMP, HOSE -2-	
10	597 850 R1	HOSE, MANIFOLD END AIR CLEANER	



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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DRY TYPE AIR CLEANER



HE-703A

852 337 C91 CLEANER, DRY TYPE AIR
 -COMPOSED OF PARTS LISTED-

- 1 BODY, AIR CLEANER
 -NOT SERVICED SEPARATELY-
 -FOR SERVICE ORDER 1-852 337 C91,
 AIR CLEANER ASSY-
- 2 384 812 R93 ELEMENT ASSY
- 3 381 342 R92 NUT ASSY
- 4 384 828 R91 COVER ASSY
- 5 529 855 R1 VALVE, VACUATOR



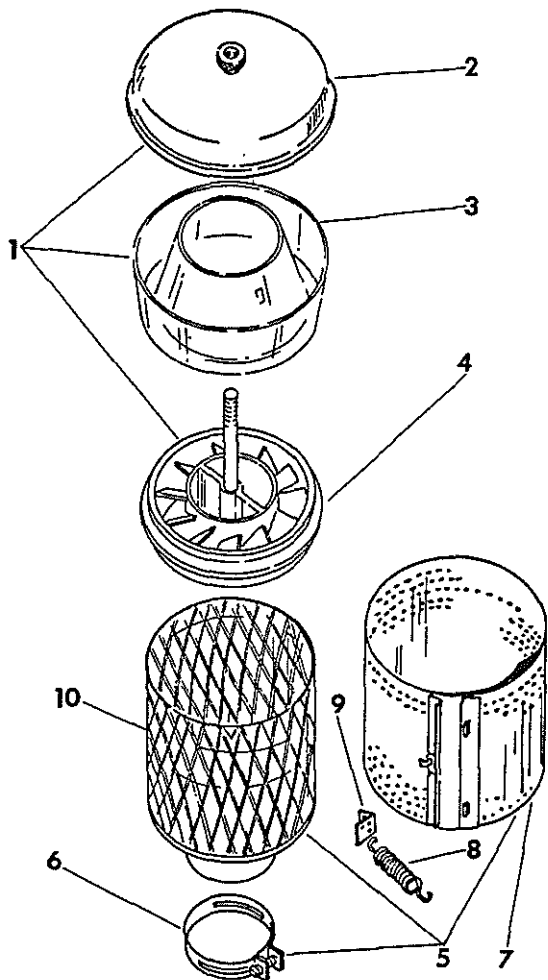
REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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DRY TYPE AIR CLEANER -CONTINUED



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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PRECLEANER PRESCREENER



HE-742



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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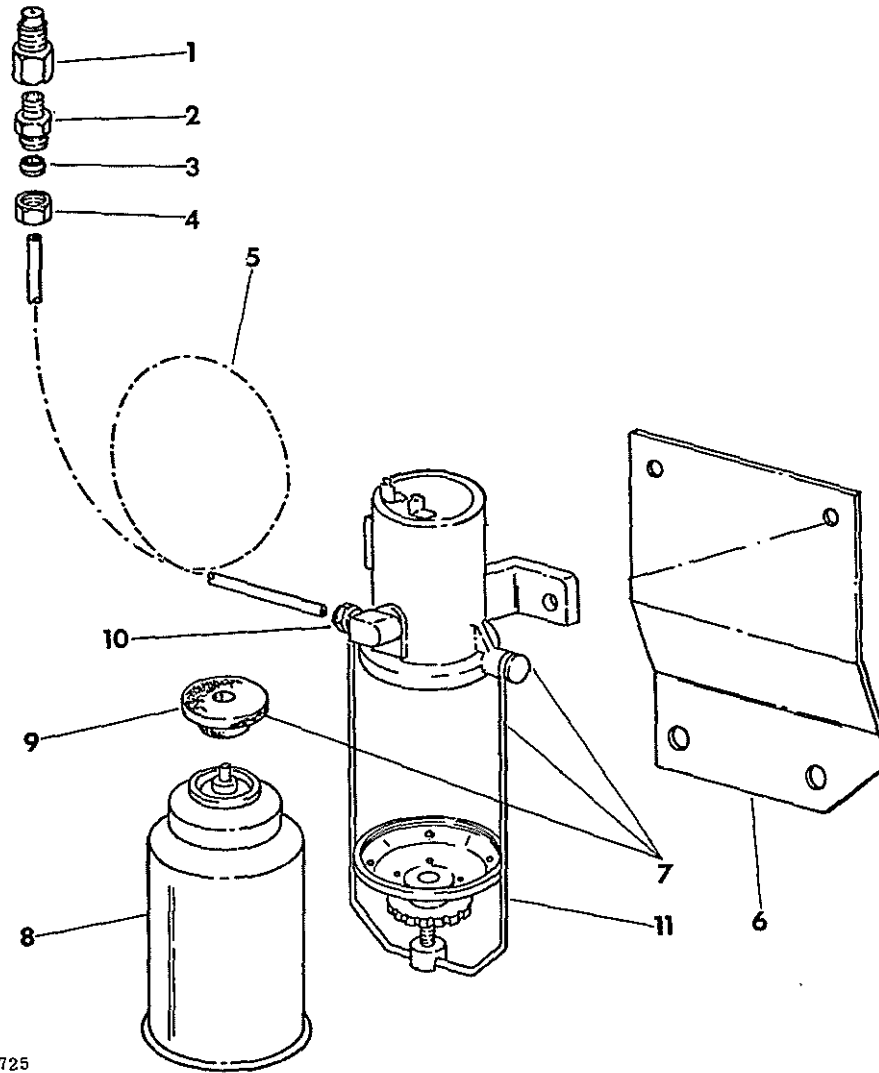
PRECLEANER PRESCREENER -CONTINUED

		-CONTINUED	
378 802 R91		PRECLEANER PRESCREENER ASSY	
		-INCLUDES-	
		1-PRECLEANER	202 110 H1
		1-PRESCREENER	381 601 R91
1	202 110 H1	PRECLEANER ASSY	
		-COMPOSED OF-	
		1-COVER ASSY	365 412 R91
		1-BODY	365 413 R1
2	365 412 R91	COVER ASSY, PRECLEANER	
3	365 413 R1	BODY, PRECLEANER	
4		SLEEVE ASSY, PRECLEANER	
		-NOT SERVICED SEPARATELY-	
		-FOR SERVICE ORDER 1-202 110 H1,	
		PRECLEANER ASSY-	
5	381 601 R91	PRESCREENER ASSY	
		-COMPOSED OF-	
		\$ 1 BODY	
		1-CLAMP	279 028 R91
		1-SCREEN ASSY	378 724 R91
6	279 028 R91	CLAMP, HOSE	
7	378 724 R91	SCREEN ASSY, PRESCREENER	
		-INCLUDES-	
		2-SPRING	353 639 R1
		1-CUP	353 758 R1
8	353 639 R1	SPRING, SCREEN LOCK -2-	
9	353 758 R1	CUP, SCREEN LOCK SPRING	
10		BODY, PRESCREENER	
		-NOT SERVICED SEPARATELY ORDER	
		1-381 601 R91 PRESCREENER ASSY	



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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ENGINE ETHER STARTING



HE-725

1	269 635 R91	NOZZLE, STARTING FLUID
2	140 284	CONNECTOR, 1/8 TUBE BALL SLEEVE-BRASS
3	121 322	SLEEVE, 1/8 TUBE CONNECTOR-BRASS
4	121 220	NUT, 1/8 TUBE CONNECTOR -BRASS
5	677 684 R1	TUBE, STARTING FLUID
6	677 683 R1	BRACKET, SOLENOID MOUNTING
	180 120	BOLT, 3/8-16 X 3/4 HEX-HD -2-
	120 377	NUT, 3/8-16 HEX -2-
	120 382	WASHER, 3/8 LOCK -2-



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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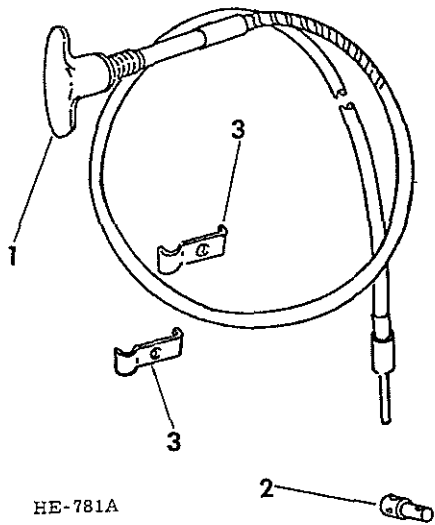
ENGINE ETHER STARTING -CONTINUED

7	533 231 R91	SOLENOID ASSY, ETHER INJECTION
		-COMPOSED OF-
		1 HOUSING
		1-GASKET 395 686 R1
		1-BAIL ASSY 404 247 R1
	180 077	BOLT, 5/16-18 X 3/4 HEX-HD -2-
	120 214	WASHER, 5/16 LOCK -2-
8		FLUID, 12 OZ CAN ETHER STARTING
		-TO BE OBTAINED BY DEALER-
9	395 686 R1	GASKET, ETHER STARTING INJECTOR
10	140 304	ELBOW, 1/8-27 BALL SLEEVE TUBE 90 DEG
11	404 247 R1	BAIL ASSY, INJECTOR



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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STARTING AND STOPPING AIDS



HE-781A

1	677 515 R91	CABLE, FUEL CONTROL & SHUT-OFF
	120 369	NUT, 3/8-24 HEX
	138 542	WASHER, 3/8 INT-TOOL LOCK
2	396 388 R1	PIVOT, FUEL CONTROL LEVER SWIVEL
	131 963	SCREW, 8-32 X 3/8 FIL-HD SLTD MACH - ZND
	446 179	WASHER, .250 X .500 X .036 FLAT
	103 361	PIN, 1/16 X 1/2 COTTER
3	32 596 D	CLAMP, FUEL CONTROL CABLE -2-
	436 736	SCREW, 10-24 X 1 PAN-SLT-HD MACH-CAD
	120 361	NUT, 10-24 HEX MACH SCREW
	120 217	WASHER, NO 10 LOCK

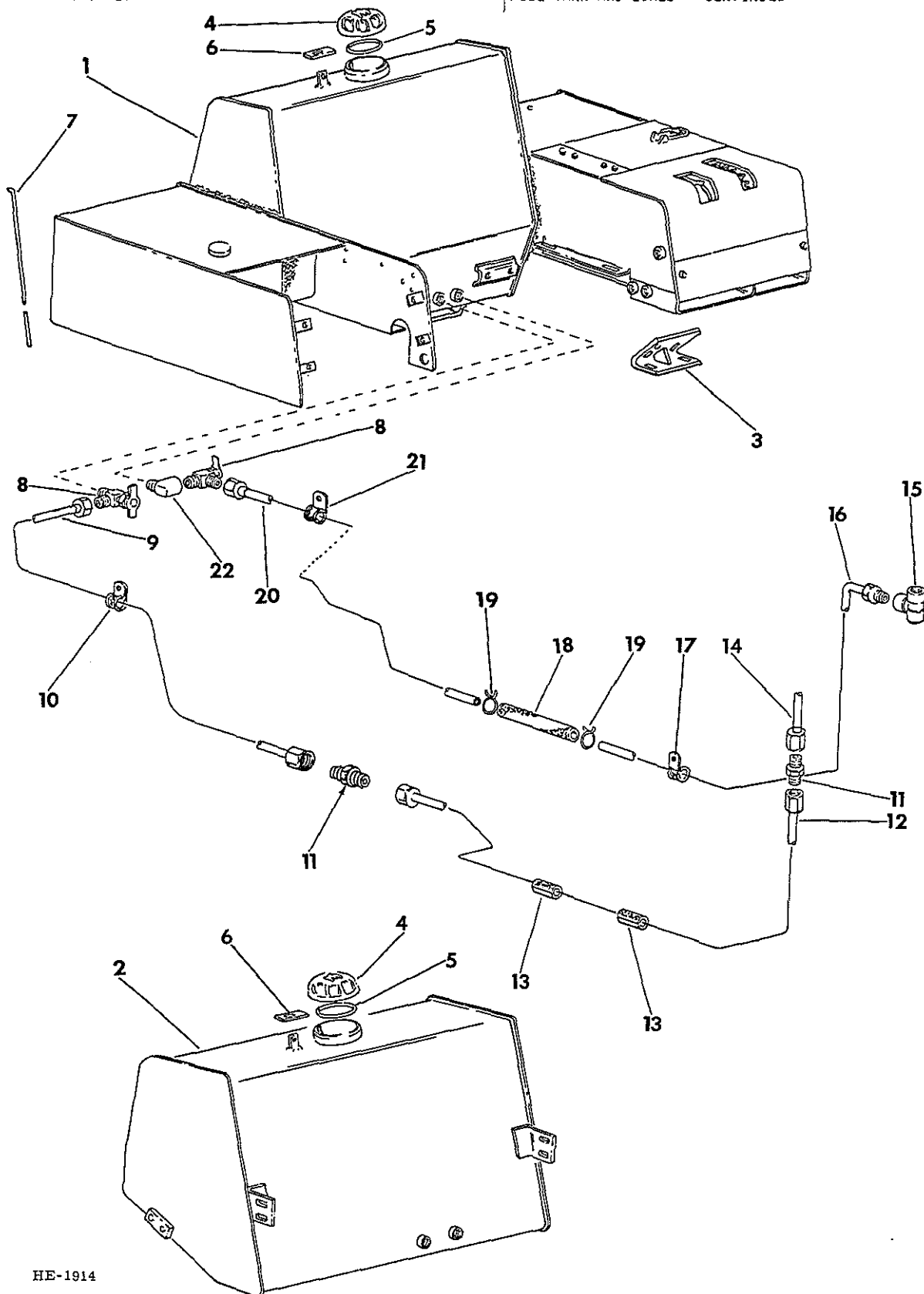


REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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FUEL TANK AND LINES



HE-1914



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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FUEL TANK AND LINES -CONTINUED

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
FUEL TANK AND LINES -CONTINUED			
1	852 200 C91	TANK ASSY,FUEL FOR TRACTORS WITH BACKHOE	
1	852 201 C91	TANK ASSY,FUEL NOT FOR USE WITH TRACTORS WITH THREE POINT HITCH OR BACKHOE WITH INTEGRATED TOOL BOX AND HYDRAULIC OIL RESERVOIR FOR PARTS ASSOCIATED WITH TOOL BOX, SEE LISTING-TOOL BOX-SEC.-2 FOR PARTS ASSOCIATED W/ RESERVOIR SEE LISTING-RESERVOIR-SECTION 10	
	103 647	VALVE, 1/4 FUEL TANK DRAIN	
	62 427 R1	STUD, FUEL TANK BASE SUPPORT -3-	
9	413 967	NUT, 1/2-13 HEX TORQUE LOCK -3-	
	180 175	BOLT, 1/2-13 X 1-1/4 HEX-HD -4-	
	120 384	WASHER, 1/2 LOCK -4-	
	20 601 R1	WASHER, .531 X 1.250 X .090 FLAT -7-	
2	852 626 C1	TANK ASSY, FUEL FOR USE W/ TRACTORS WITH THREE POINT HITCH	
	103 647	VALVE, 1/4 FUEL TANK DRAIN	
	180 173	BOLT, 1/2-13 X 1 HEX-HD -8-	
	180 175	BOLT, 1/2-13 X 1-1/4 HEX-HD -8-	
	120 384	WASHER, 1/2 LOCK -16-	
	20 601 R1	WASHER, .531 X 1.250 X .105 FLAT -16	
3	850 228 C2	SUPPORT ASSY, FUEL TANK FRONT LH -SHOWN-	
3	850 229 C2	SUPPORT ASSY, FUEL TANK FRONT RH NOT FOR USE WITH TRACTORS WITH THREE POINT HITCH	
	271 546	BOLT, 5/8-11 X 1-1/4 HEX-HD -2-	
	271 548	BOLT, 5/8-11 X 1-3/4 HEX-HD -2-	
	464 623 R1	WASHER, .656 X 1.500 X .105 FLAT -4-	
4	305 798 R11	CAP ASSY, FUEL TANK FILLER INCLUDES - 305 799 R1 - O RING	
5	305 799 R1	O-RING	
6	852 719 C1 5 528 S	BAR, FUEL TANK CAP LOCK CATCH SPACER, CATCH BAR POSITIONING	
7	677 354 R1	ROD, FUEL DIPSTICK NOT FOR USE WITH TRACTORS WITH THREE POINT HITCH	
7	677 362 R1	ROD, FUEL DIPSTICK FOR USE W/ TRACTORS WITH THREE POINT HITCH	
8	120 900	COCK, FUEL SHUT-OFF - BRASS -2-	
9	850 091 C2	TUBE, FUEL FEED REAR NOT FOR USE WITH TRACTORS WITH THREE POINT HITCH	
9	850 268 C1	TUBE, FUEL FEED REAR FOR USE W/ TRACTORS WITH THREE POINT HITCH	
	114 630	NUT, 1/2-24 BALL SLEEVE BR -2-	
	114 631	SLEEVE, 5/16 TUBE BALL BR -2-	
10	447 265 R91	CLIP, REAR FUEL TUBE	
11	115 058	UNION, 1/2-24 BALL SLEEVE TUBE -BR -2-	
12	850 241 C1 114 630 114 631	TUBE, FUEL FEED - FRONT NUT, 1/2-24 BALL SLEEVE BR -2- SLEEVE, 5/16 TUBE BALL BR -2-	
13	850 246 C1	INSULATOR, FUEL TUBE -2-	
14	3 144 761 R1	TUBE, PRIMARY FUEL FILTER INLET -ALSO REFER TO FUEL CONNECTIONS AND LINES IN THIS SECTION OF THE PARTS CATALOG-	
	114 630	NUT, 1/2-24 BALL SLEEVE BR	
	114 631	SLEEVE, 5/16 TUBE BALL BR	

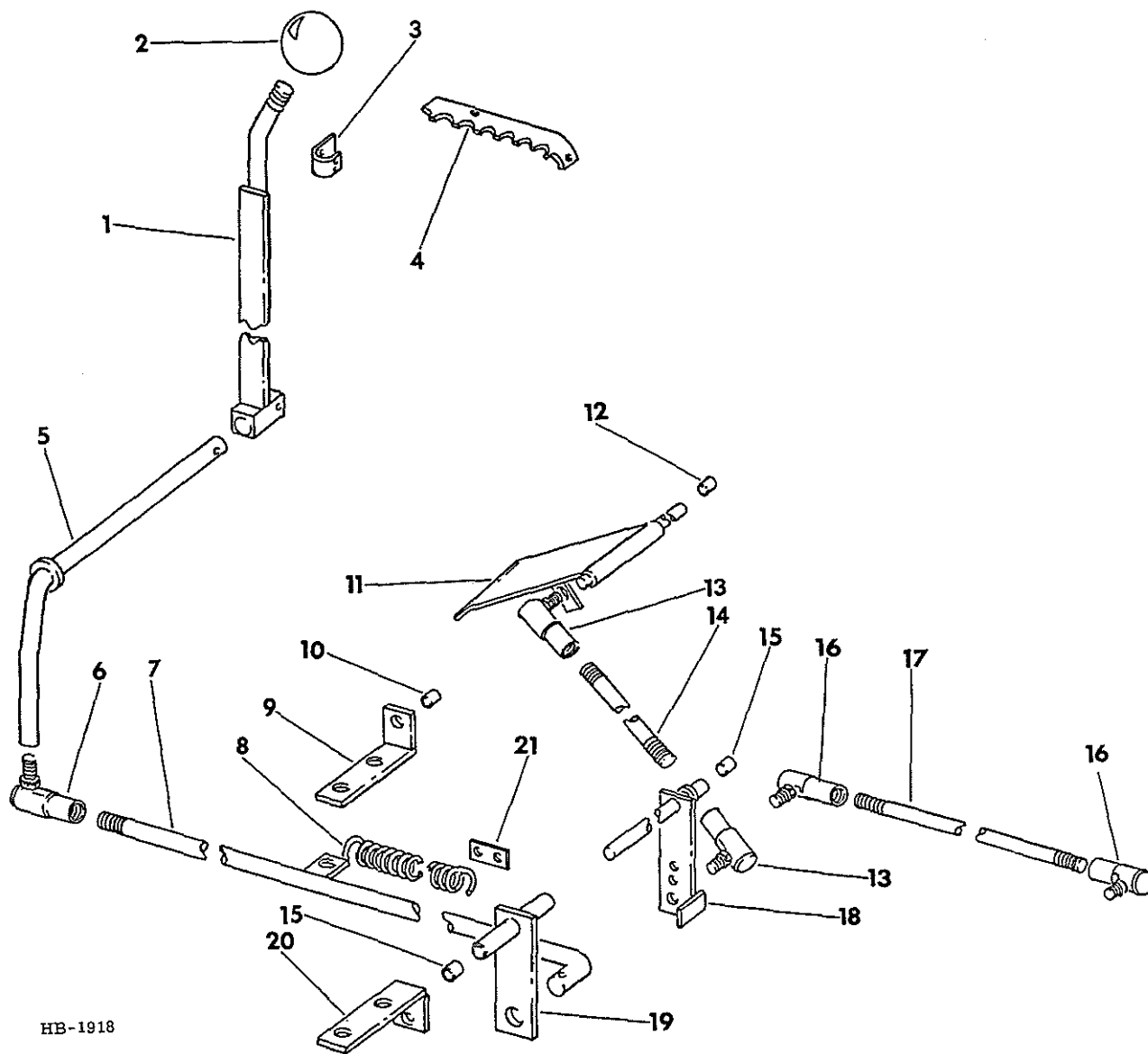
REF. NO.	PART NUMBER	DESCRIPTION	TC-210
FUEL TANK AND LINES -CONTINUED			
15	3 055 739 R1	UNION, TUBE TEE FOR ENGINE OVERFLOW & RETURN -ALSO REFER TO FUEL CONNECTIONS AND LINES IN THIS SECTION OF THE PARTS CATALOG-	
16	850 092 C1	TUBE, FUEL RETURN - FRONT	
17	315 328 C91	CLIP, FUEL FRONT TUBE	
18	850 437 C1	HOSE, FUEL RETURN TUBE	
19	210 511 R1	CLIP, HOSE -2-	
20	850 093 C1	TUBE, FUEL RETURN REAR NOT FOR USE WITH TRACTORS WITH THREE POINT HITCH	
20	850 269 C1	TUBE, FUEL RETURN REAR FOR USE W/ TRACTORS WITH THREE POINT HITCH	
	114 630	NUT, 1/2-24 BALL SLEEVE BR	
	114 631	SLEEVE, 5/16 TUBE BALL BR	
21	445 316 R91	CLIP, REAR FUEL TUBE	
22	9 409 931	ELBOW, 1/8-27 AUTO 90 DEG STREET-BR	

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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THROTTLE CONTROL AND DECELERATOR PEDAL

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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THROTTLE CONTROL AND DECELERATOR PEDAL -CONTINUED



HB-1918



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
THROTTLE CONTROL AND DECELERATOR PEDAL -CONTINUED			
1	677 446 R91	HANDLE ASSY, GOVERNOR CONTROL -INCLUDES 1-677 448 R1, PAWL-	
	364 436 R1	PIN, 3/16 X 1 COILED SPRING	
	21 796 R1	WASHER, .656 X 1.000 X .054 FLAT	
2	610 638 R1	KNOB, HANDLE	
3	677 448 R1	PAWL, HANDLE	
	104 071	RIVET, 3/16 X 18-HD SMALL SOLID -2-	
4	677 132 R1	SECTOR, THROTTLE CONTROL	
	102 676	RIVET, 3/16 X 9/16 8-HD -2-	
5	677 451 R1	ARM ASSY, GOVERNOR CONTROL	
	103 384	PIN, 1/8 X 3/4 COTTER	
6	158 397 H1	JOINT, 3/8-24 BALL C-Z	
	120 369	NUT, 3/8-24 HEX	
7	852 235 C1	ROD ASSY, GOVERNOR CONTROL REAR	
8	852 238 C1	SPRING, DECELERATOR	
9	852 249 C1	SUPPORT ASSY, PEDAL PIVOT	
10	805 941 C1	BUSHING, ARM PIVOT -2-	
11	852 245 C1	PEDAL ASSY, DECELERATOR	
12	805 941 C1	BUSHING, PEDAL PIVOT -2-	
13	281 824 C92	JOINT, 5/16-24 BALL C-Z -2-	
	120 368	NUT, 5/16-24 HEX -2-	
14	852 259 C1	STUD, DECELERATOR CONTROL	
15	805 941 C1	BUSHING, CONTROL ARM -2-	
16	281 800 C92	JOINT, 1/4-28 BALL C-Z -2-	
	120 367	NUT, 1/4-28 HEX -4-	
17	677 469 R1	ROD, GOVERNOR CONTROL FRONT	
18	852 251 C1	ARM ASSY, DECELERATOR CONTROL	
19	852 254 C1	ARM ASSY, GOVERNOR CONTROL CENTRE	
20	852 242 C1	SUPPORT ASSY, CONTROL ARM	
	180 081	BOLT, 5/16-18 X 1-1/4 HEX-HD -2-	
	120 376	NUT, 5/16-18 HEX -2-	
	120 214	WASHER, 5/16 LOCK -2-	
21	675 615 R1	BAR, SPRING ANCHOR	



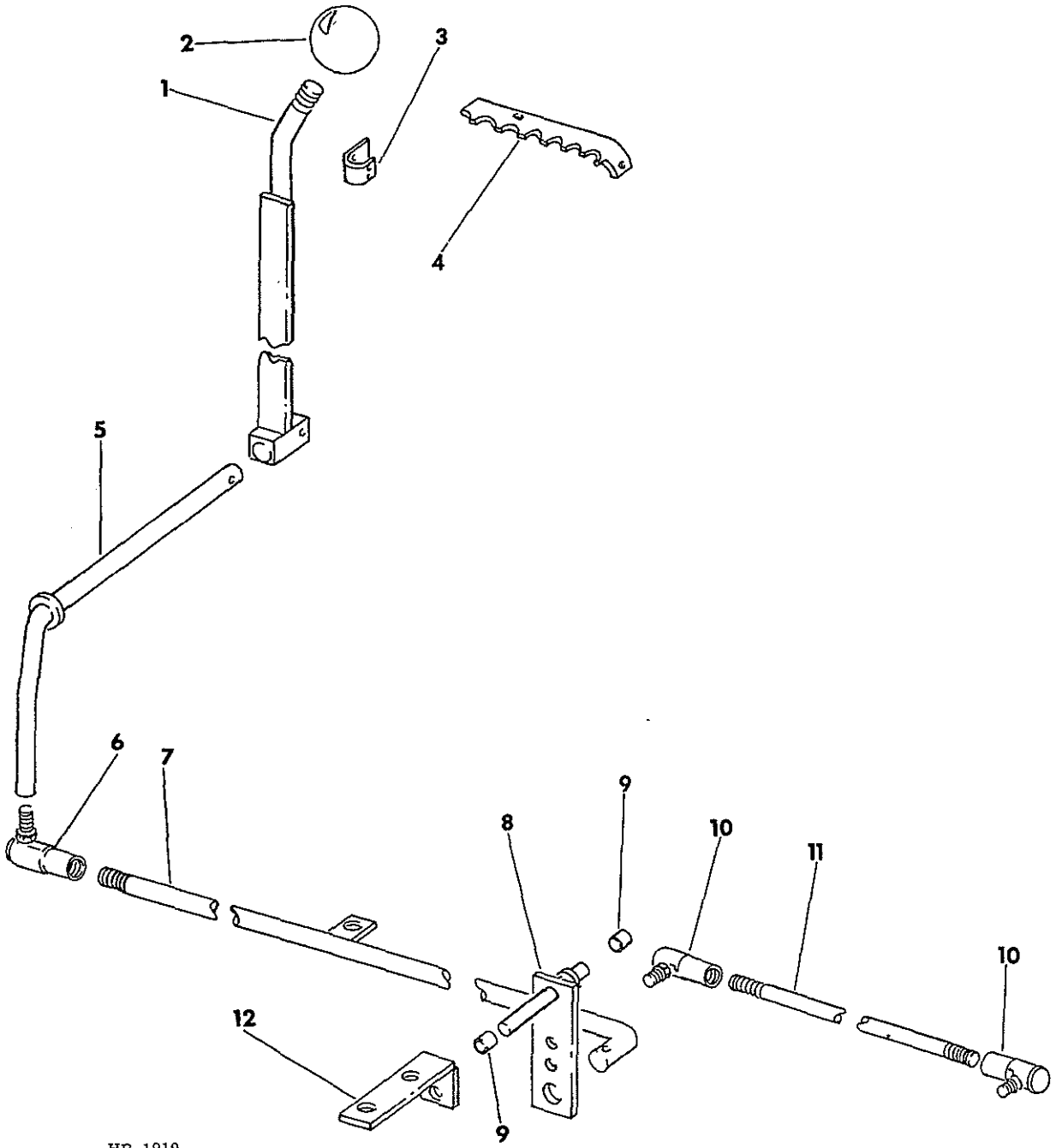
REF. NO.	PART NUMBER	DESCRIPTION	TC-210

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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THROTTLE CONTROL LINKAGE

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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THROTTLE CONTROL LINKAGE -CONTINUED



HB-1919



POWER

-34-

SECTION 12

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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POWER

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SECTION 12

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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SUPERSTRUCTURE

-1-

SECTION 13

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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FOR INDEX TO UNITS REFER TO
INTRODUCTION PAGE III



SUPERSTRUCTURE

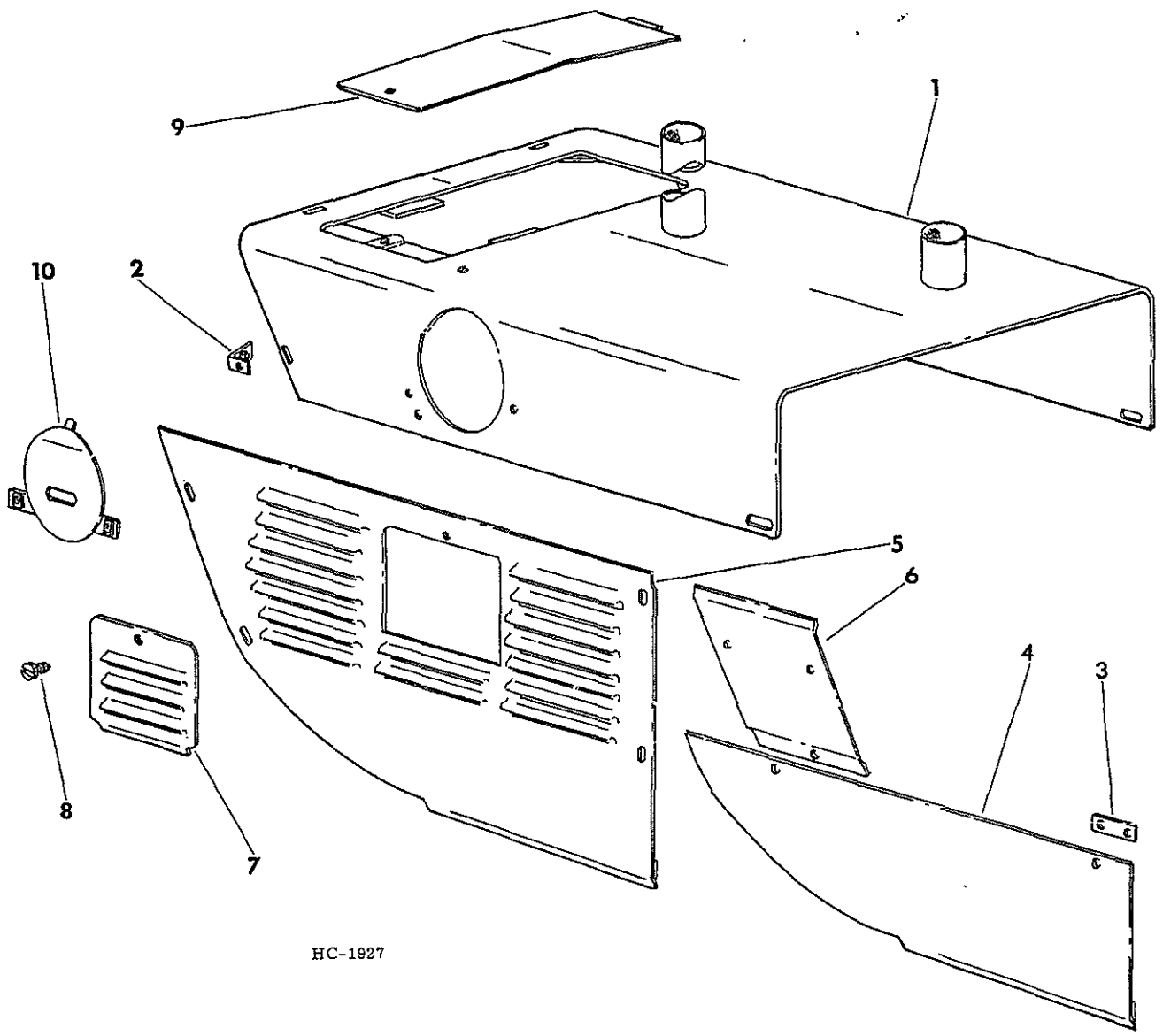
-1-

SECTION 13

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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ENGINE HOOD AND SIDE PANELS

ENGINE HOOD AND SIDE PANELS -CONTINUED



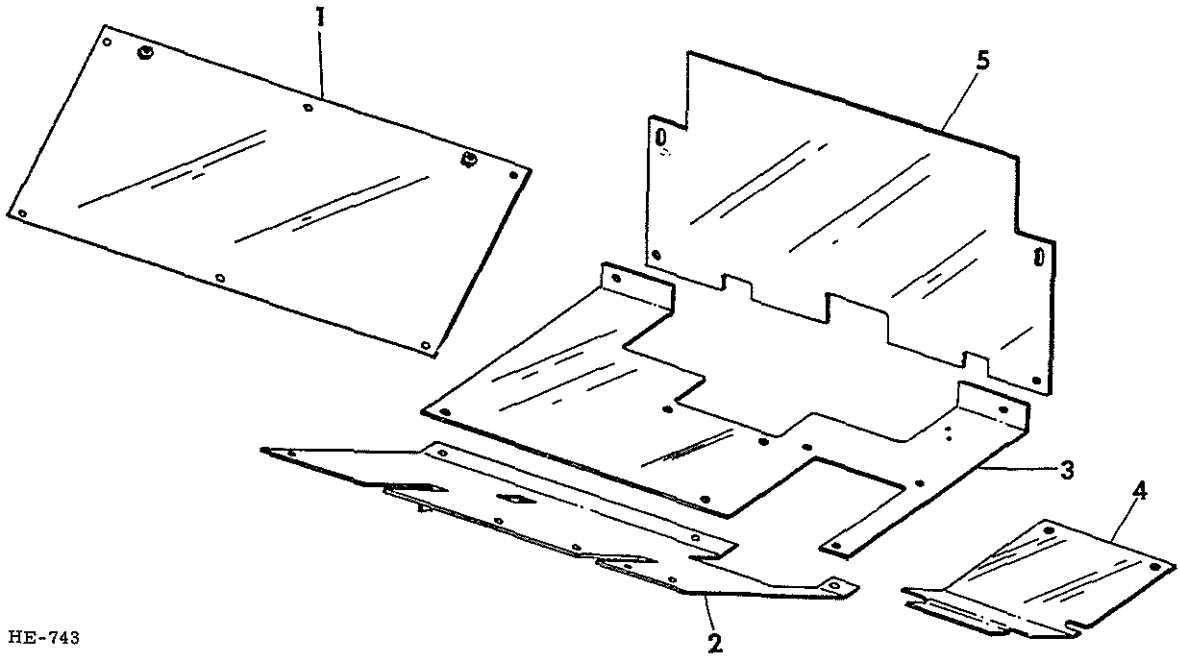
HC-1927

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
ENGINE HOOD AND SIDE PANELS -CONTINUED			
1	852 072 C1	HOOD ASSY	
	180 120	BOLT, 3/8-16 X 3/4 HEX-HD -8-	
	180 122	BOLT, 3/8-16 X 1 HEX-HD -4-	
	120 377	NUT, 3/8-16 HEX -6-	
	120 382	WASHER, 3/8 LOCK -12-	
	337 486 C1	WASHER, .406 X .625 X .160 PLAIN -4-	
	619 856 R1	WASHER, .406 X 1.000 X .056 FLAT-14-	
2	677 545 R1	ANGLE ASSY, HOOD MOUNTING -2-	
	180 120	BOLT, 3/8-16 X 3/4 HEX-HD -2-	
	120 382	WASHER, 3/8 LOCK -2-	
	619 856 R1	WASHER, .406 X 1.000 X .056 FLAT -2-	
3	850 674 C1	BAR ASSY, ENGINE SIDE PANEL MOUNTING -2 USED WHEN TRACTOR EQUIPPED WITH HALF SIDE PANELS ONLY-	
	495 967 R1	BOLT, 3/8-16 X 1 CARRIAGE -2-	
	120 377	NUT, 3/8-16 HEX -2-	
	120 382	WASHER, 3/8 LOCK -2-	
3	850 674 C1	BAR ASSY, ENGINE SIDE PANEL MOUNTING -6 USED WHEN TRACTOR EQUIPPED WITH FULL SIDE LOUVRED PANELS ONLY-	
	495 967 R1	BOLT, 3/8-16 X 1 CARRIAGE -6-	
		-FOR TRACTOR EQUIPPED W/LOADER-	
	495 967 R1	BOLT, 3/8-16 X 1 CARRIAGE -4-	
	550 796 R1	BOLT, 3/8-16 X 1-1/4 CARRIAGE -2-	
		-FOR TRACTOR EQUIPPED W/BULLGRADER	
	120 377	NUT, 3/8-16 HEX -6-	
	120 382	WASHER, 3/8 LOCK -6-	
4	852 148 C1	PANEL, ENGINE SIDE HALF LH	
4	852 149 C1	PANEL, ENGINE SIDE HALF RH -SHOWN-	
	180 118	BOLT, 3/8-16 X 5/8 HEX-HD -4-	
	120 382	WASHER, 3/8 LOCK -4-	
	619 856 R1	WASHER, .406 X 1.000 X .056 FLAT -4-	
5	852 079 C1	PANEL, ENGINE SIDE FULL LOUVRED LH	
5	852 089 C1	PANEL, ENGINE SIDE FULL LOUVRED RH	
	180 118	BOLT, 3/8-16 X 5/8 HEX-HD -8-	
	120 382	WASHER, 3/8 LOCK -8-	
	619 856 R1	WASHER, .406 X 1.000 X .056 FLAT -8-	
6	852 369 C1	PANEL ASSY, HOOD SIDE LH	
6	852 370 C1	PANEL ASSY, HOOD SIDE RH -SHOWN-	
		NOT APPLICABLE TO TRACTOR EQUIPPED WITH LOUVRED SIDE PANEL-	
	180 118	BOLT, 3/8-16 X 5/8 HEX-HD -2-	
	180 120	BOLT, 3/8-16 X 3/4 HEX-HD -2-	
	120 382	WASHER, 3/8 LOCK -4-	
	619 856 R1	WASHER, .406 X 1.000 X .056 FLAT -4-	
7	850 735 C1	DOOR, ENGINE OIL DIPSTICK ACCESS -FOR USE ON TRACTORS EQUIPPED WITH ENGINE LOUVRED SIDE PANELS-	
8	377 521 R3	SCREW, DOOR MOUNTING -FOR USE ON TRACTORS EQUIPPED WITH ENGINE LOUVRED SIDE PANELS-	
	376 787 R1	RETAINER, SCREW	
9	677 560 R1	COVER ASSY, BATTERY ACCESS	
	377 521 R3	SCREW, COVER MOUNTING	
	376 787 R1	RETAINER, SCREW	
10	852 086 C1	COVER ASSY, AIR FILTER ACCESS	
	377 521 R3	SCREW, COVER MTG -2-	
	376 787 R1	RETAINER, SCREW -2-	

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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OPERATORS PLATFORM



HE-743

1	677 581 R2	PLATE ASSY, OPERATORS COMPARTMENT FRONT
	850 678 C1	SCREW, 5/16-18 X 5/8 HEX-WASHER-HD SELF-TAPPING -2-
	180 075	BOLT, 5/16-18 X 5/8 HEX-HD -3-
	120 214	WASHER, 5/16 LOCK -3-
2	619 855 R1	WASHER, .344 X .750 X .054 FLAT -5-
	677 583 R2	PLATFORM ASSY, OPERATORS FRONT -FOR USE ON TRACTORS EQUIPPED WITH GEAR DRIVE TRANSMISSION-
	180 075	BOLT, 5/16-18 X 5/8 HEX-HD -4-
	180 077	BOLT, 5/16-18 X 3/4 HEX-HD
2	120 214	WASHER, 5/16 LOCK -5-
	619 855 R1	WASHER, .344 X .750 X .054 FLAT -5-
	677 584 R2	PLATFORM ASSY, OPERATORS FRONT -FOR USE ON TRACTORS EQUIPPED WITH HYDRAULIC REVERSER TRANSMISSION
	180 075	BOLT, 5/16-18 X 5/8 HEX-HD -3-
3	120 214	WASHER, 5/16 LOCK -3-
	619 855 R1	WASHER, .344 X .750 X .054 FLAT -3-
	677 587 R2	PLATFORM ASSY, OPERATORS REAR
	180 075	BOLT, 5/16-18 X 5/8 HEX-HD -3-
4	180 078	BOLT, 5/16-18 X 7/8 HEX-HD -2-
	120 214	WASHER, 5/16 LOCK -5-
	619 855 R1	WASHER, .344 X .750 X .054 FLAT -5-
	677 592 R2	COVER, REVERSER FILTER ACCESS
4	180 075	BOLT, 5/16-18 X 5/8 HEX-HD -2-
	120 214	WASHER, 5/16 LOCK -2-
	619 855 R1	WASHER, .344 X .750 X .054 FLAT -2-

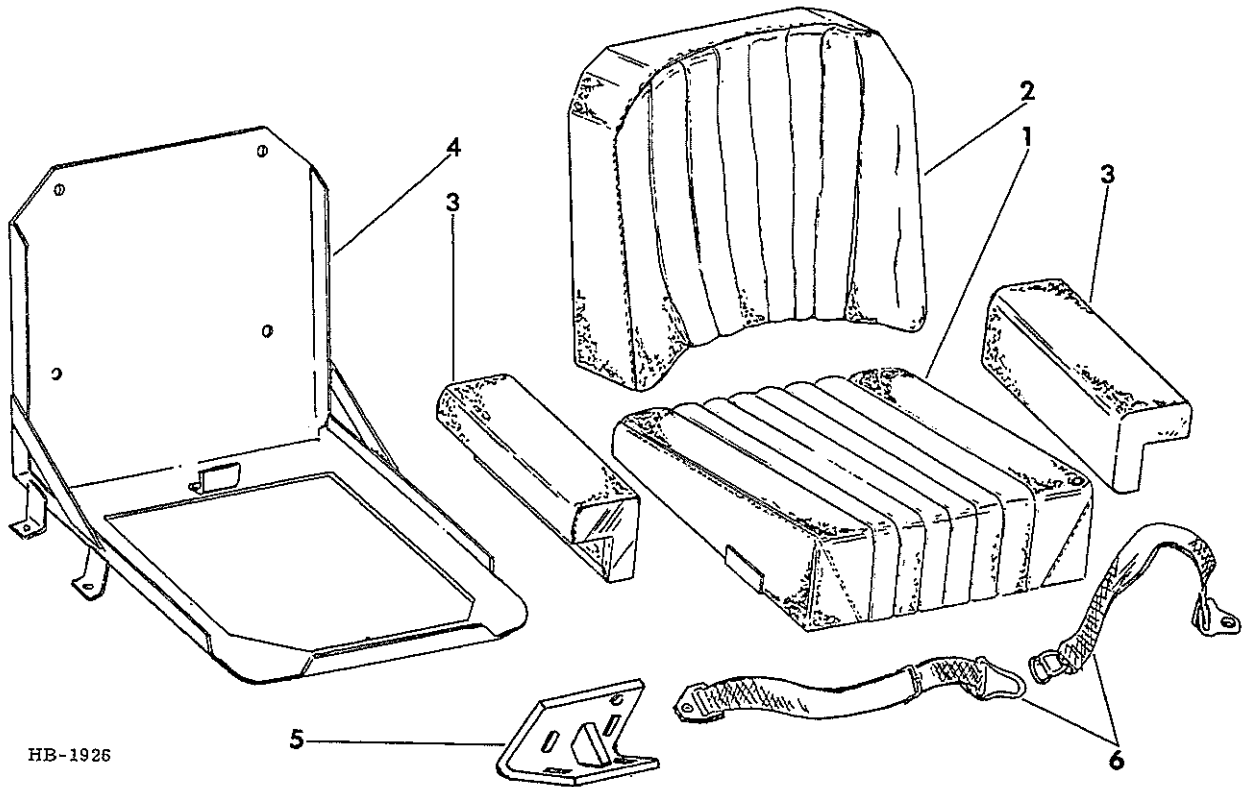
REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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OPERATORS PLATFORM -CONTINUED

5	677 589 R1	PLATE ASSY, OPERATORS COMPARTMENT REAR -FOR USE ON TRACTORS EQUIPPED WITH MANUAL STEERING-
	5	PLATE ASSY, OPERATORS COMPARTMENT REAR -INCLUDED W/ STEERING LEVERS- -FOR TRACTORS EQUIPPED W/ POWER STEERING REFER TO STEERING IN SECTION 05-
5	180 075	BOLT, 5/16-18 X 5/8 HEX-HD -2-
	120 214	WASHER, 5/16 LOCK -2-
	619 855 R1	WASHER, .344 X .750 X .054 FLAT -2-

SEAT, FRAME AND SEAT BELT

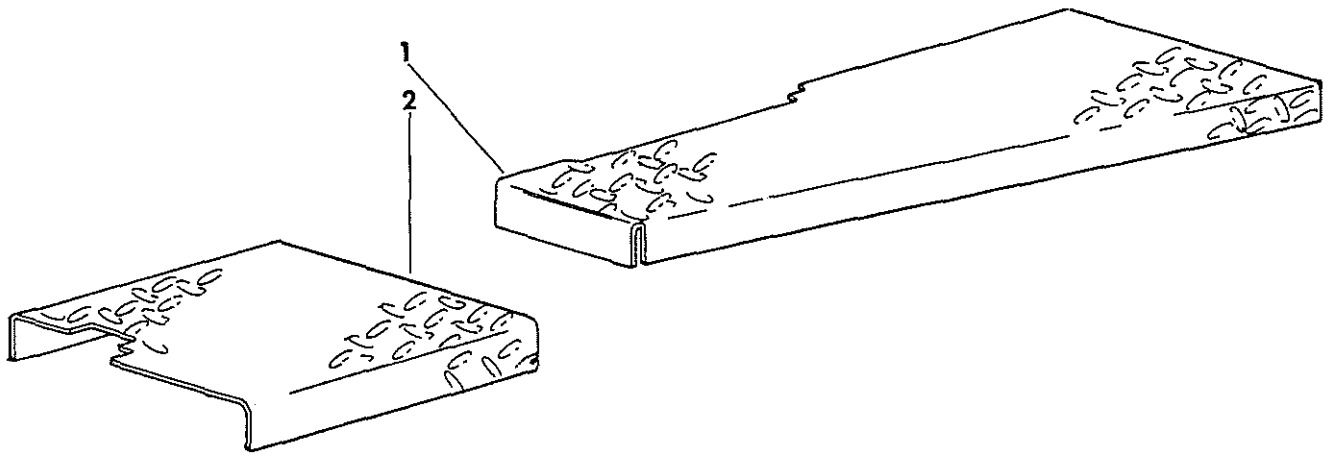
SEAT, FRAME AND SEAT BELT -CONTINUED



- 1 677 831 R1 CUSHION, SEAT
- 2 677 832 R1 CUSHION, BACK
453 049 SCREW, 1/4-20 X 3/4 SLTD -4-
PAN-HD MACH
120 380 WASHER, 1/4 LOCK -4-
- 3 677 833 R1 CUSHION, SIDE -2-
180 018 BOLT, 1/4-20 X 5/8 HEX-HD -4-
180 077 BOLT, 5/16-18 X 3/4 HEX-HD -4-
120 380 WASHER, 1/4 LOCK -4-
120 214 WASHER, 5/16 LOCK -4-
- 4 852 272 C1 FRAME ASSY, SEAT
495 967 R1 BOLT, 3/8-16 X 1 CARRIAGE -4-
120 377 NUT, 3/8-16 HEX -4-
120 382 WASHER, 3/8 LOCK -4-
619 856 R1 WASHER, .406 X 1.000 X .056 FLAT -4-
- 5 850 228 C2 SUPPORT ASSY, SEAT BELT LH
5 850 229 C2 SUPPORT ASSY, SEAT BELT RH -SHOWN-
-FOR USE ON TRACTORS EQUIPPED W/
THREE POINT HITCH ONLY-
271 546 BOLT, 5/8-11 X 1-1/4 HEX-HD -2-
271 548 BOLT, 5/8-11 X 1-3/4 HEX-HD -2-
464 623 R1 WASHER, .656 X 1.500 X .105 FLAT -4-
- 6 702 248 C3 BELT ASSY, SEAT
180 173 BOLT, 1/2-13 X 1 HEX-HD -2-
120 378 NUT, 1/2-13 HEX -2-

TRACTOR FENDERS

TRACTOR FENDERS -CONTINUED



HB-1939

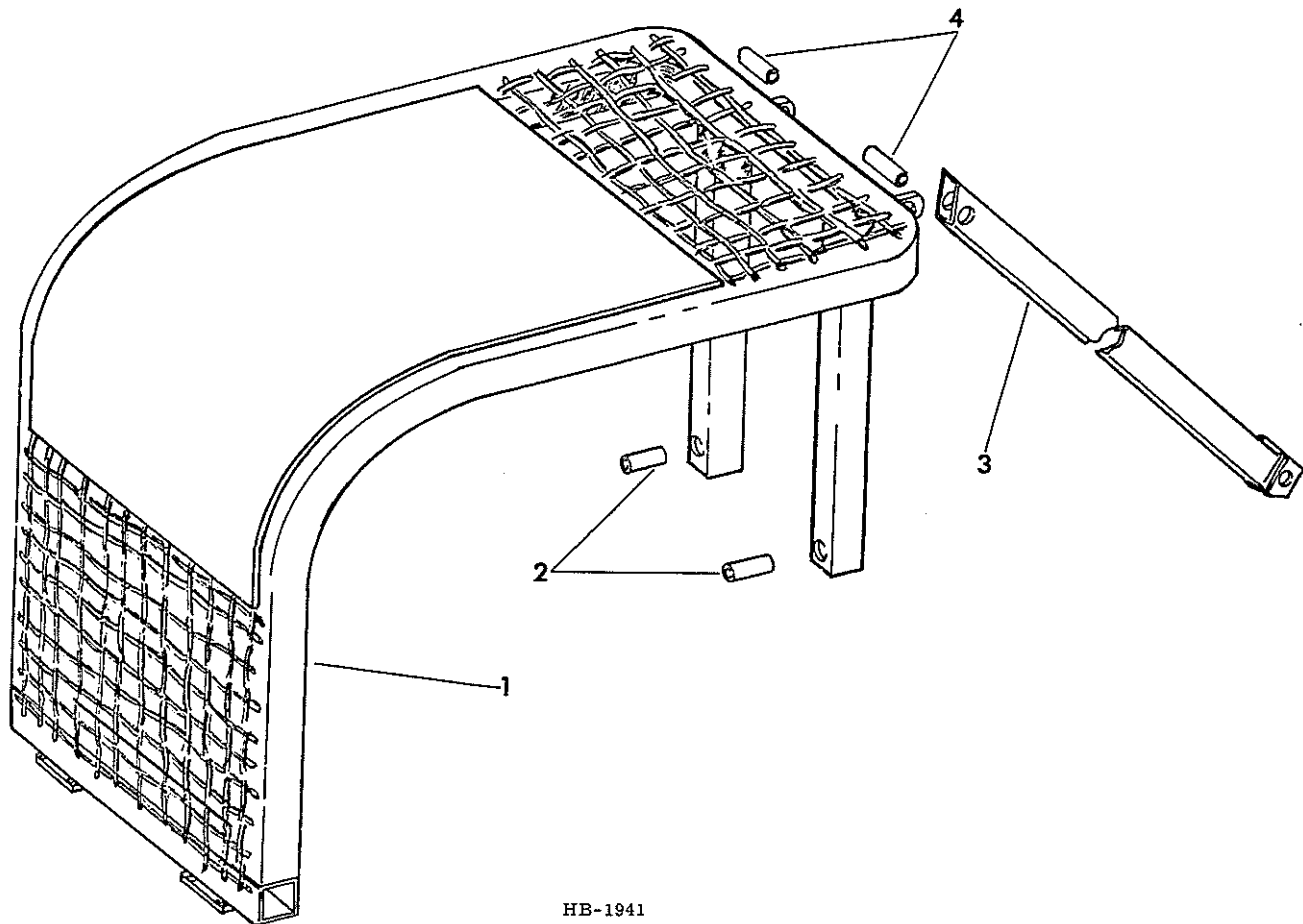
1	852 299 C1	FENDER ASSY, RH -FOR USE ON BASIC TRACTORS AND TRACTORS EQUIPPED W/BULLGRADER-
	180 120	BOLT, 3/8-16 X 3/4 HEX-HD -3-
	120 382	WASHER, 3/8 LOCK -3-
	619 856 R1	WASHER, .406 X 1.000 X .056 FLAT -3-
1	852 505 C1	FENDER ASSY, LH -FOR USE ON BASIC TRACTORS AND TRACTORS EQUIPPED W/BULLGRADER-
	180 120	BOLT, 3/8-16 X 3/4 HEX-HD -3-
	120 382	WASHER, 3/8 LOCK -3-
	619 856 R1	WASHER, .406 X 1.000 X .056 FLAT -3-
2	852 296 C1	FENDER ASSY, RH -FOR USE ON TRACTORS EQUIPPED WITH LOADER-
	180 120	BOLT, 3/8-16 X 3/4 HEX-HD -3-
	120 382	WASHER, 3/8 LOCK -3-
	619 856 R1	WASHER, .406 X 1.000 X .056 FLAT -3-
2	852 493 C1	FENDER ASSY, LH -FOR USE ON TRACTORS EQUIPPED WITH LOADER-
	180 120	BOLT, 3/8-16 X 3/4 HEX-HD -3-
	120 382	WASHER, 3/8 LOCK -3-
	619 856 R1	WASHER, .406 X 1.000 X .056 FLAT -3-

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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HEAVY DUTY CANOPY
 -MODEL 500 R.O.P.S. TYPE-
 -FOR TRACTORS WITHOUT BACKHOE-

HEAVY DUTY CANOPY -CONTINUED
 -MODEL 500 R.O.P.S. TYPE-
 -FOR TRACTORS WITHOUT BACKHOE-



- 1 SHIELD ASSY, OPERATOR PROTECTIVE
 -FOR COMPLETE UNIT ORDER ON
 MACHINE ORDER FORM-
 180 177 BOLT, 1/2-13 X 1-1/2 HEX-HD -8-
 120 378 NUT, 1/2-13 HEX -8-
- 2 561 142 R1 SPACER, SHIELD MOUNTING FRONT -2-
 271 779 BOLT, 3/4-10 X 4 HEX-HD -2-
 413 962 NUT, 3/4-10 LOCK -2-
- 9 467 750 R1 WASHER, .780 X 1.500 X .105 FLAT -2-
- 3 852 132 C1 TUBE ASSY, SHIELD BRUSH GUARD LH
 3 852 133 C1 TUBE ASSY, SHIELD BRUSH GUARD RH
 271 767 BOLT, 3/4-10 X 1-1/2 HEX-HD -2-
 271 781 BOLT, 3/4-10 X 4-1/2 HEX-HD -2-
 9 413 962 NUT, 3/4-10 LOCK -4-
 467 750 R1 WASHER, .780 X 1.500 X .105 FLAT -2-
- 4 561 142 R1 SPACER, GUARD TUBE MOUNTING -2-



SUPERSTRUCTURE

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SECTION 13

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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HEAVY DUTY CANOPY
 -MODEL 500 R.O.P.S. TYPE-
 -FOR TRACTORS WITH BACKHOE-



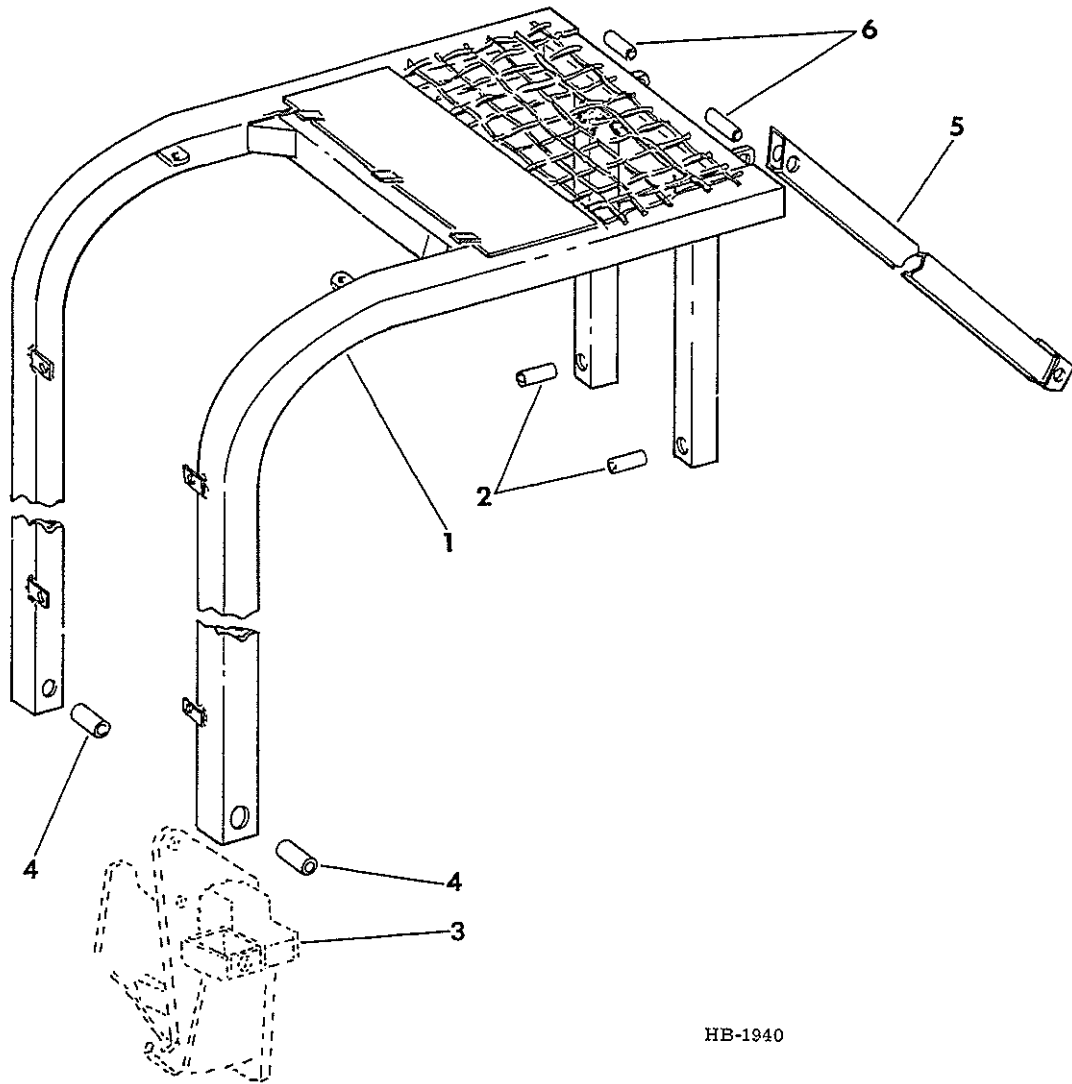
SUPERSTRUCTURE

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SECTION 13

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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HEAVY DUTY CANOPY -CONTINUED
 -MODEL 500 R.O.P.S. TYPE-
 -FOR TRACTORS WITH BACKHOE-



HB-1940



SUPERSTRUCTURE

-9-

SECTION 13

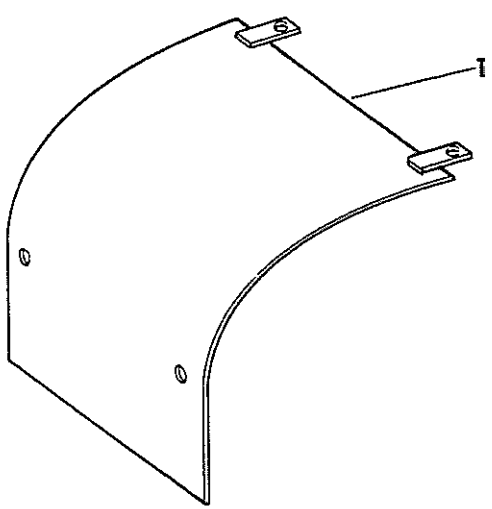
REF. NO.	PART NUMBER	DESCRIPTION	TC-210
HEAVY DUTY CANOPY -CONTINUED -MODEL 500 R.O.P.S. TYPE- -FOR TRACTORS WITH BACKHOE-			
1		SHIELD, OPERATOR PROTECTIVE -FOR COMPLETE UNIT ORDER ON MACHINE ORDER FORM-	
2	561 142 R1	SPACER, SHIELD MOUNTING FRONT -2-	
	271 779	BOLT, 3/4-10 X 4 HEX-HD -2-	
9	413 962	NUT, 3/4-10 LOCK -2-	
	467 750 R1	WASHER, .780 X 1.500 X .105 FLAT -2-	
3	850 768 C1	FRAME ASSY, BACKHOE MOUNTING -FOR COMPONENT AND MOUNTING PARTS REFER TO REAR EQUIPMENT MOUNTING FRAME IN UNIT 17 OF THIS CATALOG-	
4	850 774 C1	SPACER, SHIELD MOUNTING REAR -2-	
	22 837 R1	BOLT, 1-8 X 5-1/2 HEX-HD -2-	
	220 088	NUT, 1-8 HEX -2-	
	21 162 R1	WASHER, 1.031 X 2.000 X .164 FLAT-2-	
5	852 132 C1	TUBE ASSY, SHIELD BRUSH GUARD LH	
5	852 133 C1	TUBE ASSY, SHIELD BRUSH GUARD RH	
	271 767	BOLT, 3/4-10 X 1-1/2 HEX-HD -2-	
	271 781	BOLT, 3/4-10 X 4-1/2 HEX-HD -2-	
9	413 962	NUT, 3/4-10 LOCK -4-	
	467 750 R1	WASHER, .780 X 1.500 X .105 FLAT -2-	
6	561 142 R1	SPACER, GUARD TUBE MOUNTING -2-	

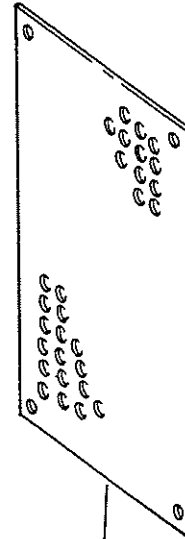


SUPERSTRUCTURE

-9-

SECTION 13

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
HEAVY DUTY CANOPY SHIELDS -MODEL 500 R.O.P.S. TYPE FOR TRACTORS WITH BACKHOE			
			



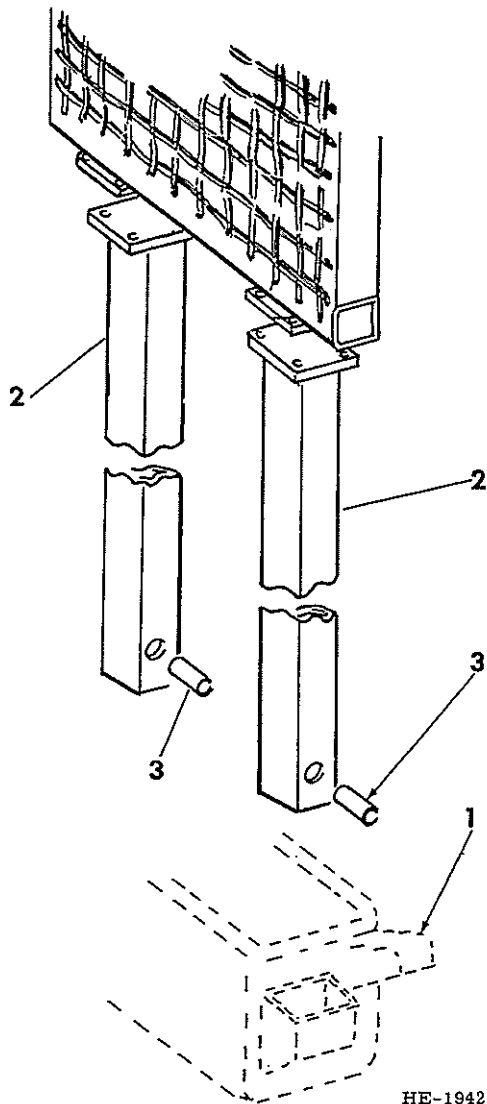
2

HB 1940

NOTE- R.O.P.S. PROTECTION
FOR BACKHOE TRACTORS WITH CANOPY
WHEN BACKHOE DISMOUNTED

1	850 763 C1	PLATE ASSY, SHIELD REAR ROOF	
	180 173	BOLT, 1/2-13 X 1 HEX-HD -2-	
	180 175	BOLT, 1/2-13 X 1-1/4 HEX-HD	
	178 374 R1	WASHER, .531 X 1.250 X .054 FLAT -3-	
2	850 767 C1	PLATE, SHIELD BACK	
	180 173	BOLT, 1/2-13 X 1 HEX-HD -2-	
	180 175	BOLT, 1/2-13 X 1-1/4 HEX-HD	
	178 374 R1	WASHER, .531 X 1.250 X .054 FLAT -3-	

CANOPY REAR SUPPORT

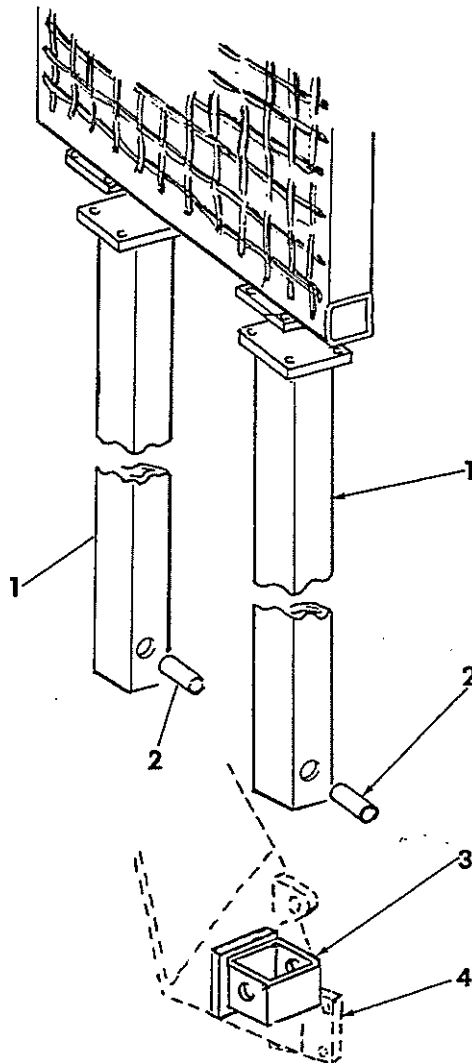


HE-1942

-NOTE- FOR USE ON TRACTORS
 EQUIPPED WITH REAR BOX-TYPE
 COUNTERWEIGHT-

- | | | |
|---|----------------------------------|--|
| 1 | 852 569 C1 | WEIGHT, REAR BOX TYPE COUNTER
-FOR COMPONENT AND MOUNTING PARTS
REFER TO REAR EQUIPMENT MOUNTING
IN SECTION 17- |
| 2 | 852 572 C1
180 177
120 378 | POST ASSY, SHIELD REAR SUPPORT -2-
BOLT, 1/2-13 X 1-1/2 HEX-HD -8-
NUT, 1/2-13 HEX -8- |
| 3 | 852 574 C1
20 300 R1 | SPACER, POST MOUNTING -2-
BOLT, 3/4-10 X 6 HEX-HD -2- |
| 9 | 413 962
467 750 R1 | NUT, 3/4-10 LOCK -2-
WASHER, .781 X 1.500 X .105 FLAT -2- |

CANOPY REAR SUPPORT



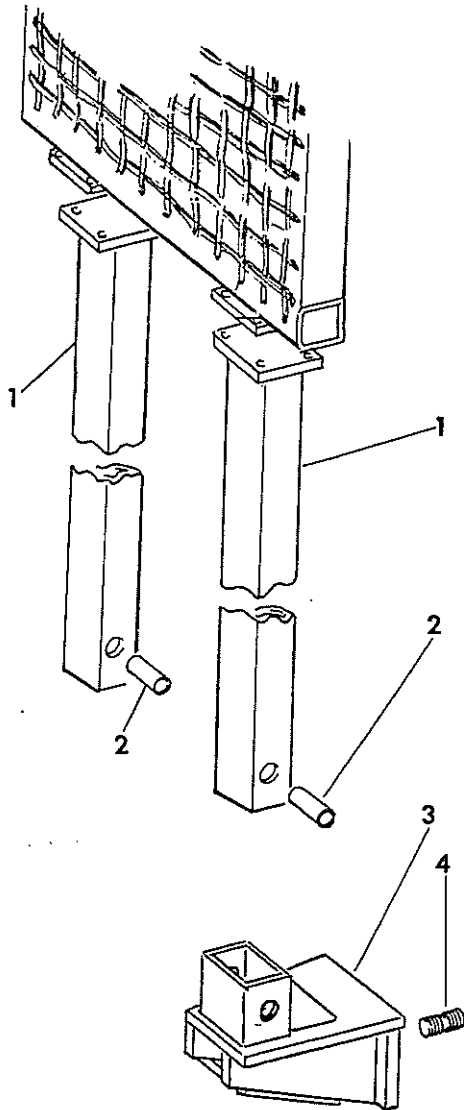
HB-1943

-NOTE- FOR USE ON TRACTORS
 EQUIPPED WITH LOG ARCH-

- | | | |
|---|----------------------------------|---|
| 1 | 851 670 C2
180 177
120 378 | POST ASSY, SHIELD REAR SUPPORT -2-
BOLT, 1/2-13 X 1-1/2 HEX-HD -8-
NUT, 1/2-13 HEX -8- |
| 2 | 561 142 R1
271 779 | SPACER, POST MOUNTING -2-
BOLT, 3/4-10 X 4 HEX-HD -2- |
| 9 | 413 962
467 750 R1 | NUT, 3/4-10 LOCK -2-
WASHER, .780 X 1.500 X .105 FLAT -2- |
| 3 | 850 715 C1 | TUBE ASSY, CANOPY MTG LH -WELDED- |
| 3 | 850 716 C1 | TUBE ASSY, CANOPY MTG RH -WELDED- |
| 4 | | ARCH ASSY, LOG
-FOR COMPONENT AND MOUNTING PARTS
REFER TO REAR EQUIPMENT MOUNTING
IN SECTION 17- |

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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CANOPY REAR SUPPORT



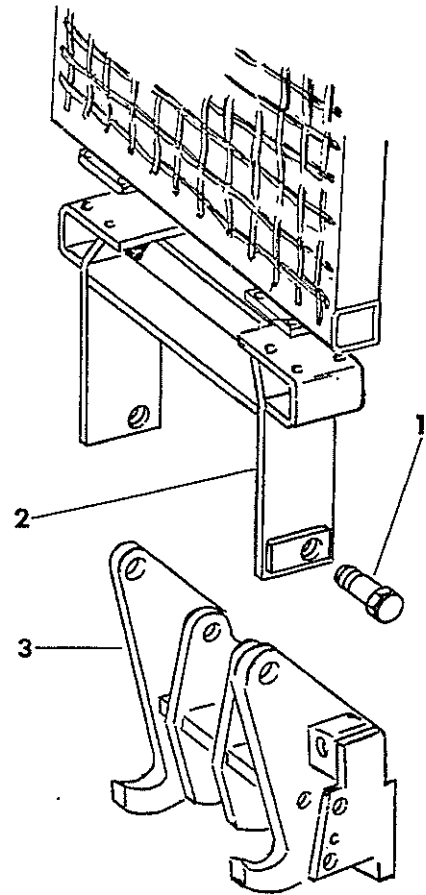
HB-1944

-NOTE- FOR USE ON TRACTORS NOT EQUIPPED WITH LOG ARCH AND WITHOUT REAR EQUIPMENT MOUNTING FRAME-

- 1 851 670 C2 POST ASSY, SHIELD REAR SUPPORT -2-
180 177 BOLT, 1/2-13 X 1-1/2 HEX-HD -8-
120 378 NUT, 1/2-13 HEX -8-
- 2 561 142 R1 SPACER, POST MOUNTING -2-
271 779 BOLT, 3/4-10 X 4 HEX-HD -2-
9 413 962 NUT, 3/4-10 LOCK -2-
467 750 R1 WASHER, .780 X 1.500 X .105 FLAT -2-
- 3 851 663 C2 SUPPORT ASSY, SHIELD REAR POST LH
3 851 664 C1 SUPPORT ASSY, SHIELD REAR POST RH
- 4 636 435 R1 STUD, POST SUPPORT -8-
225 861 NUT, 5/8-18 TYPE 8 HEX -8-

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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CANOPY REAR SUPPORT



HB-1945

-NOTE- FOR USE ON TRACTORS EQUIPPED WITH REAR EQUIPMENT MOUNTING FRAME-

- 1 20 694 R1 BOLT, 1-1/2-6 X 3-1/2 HEX-HD PLN -2-
220 096 NUT, 1-1/2-6 HEX -2-
- 2 851 672 C1 SUPPORT ASSY, SHIELD REAR
180 177 BOLT, 1/2-13 X 1-1/2 HEX-HD -8-
120 378 NUT, 1/2-13 HEX -8-
- 3 492 453 R1 BRACKET ASSY, REAR EQUIPMENT MOUNTING
-FOR COMPONENT AND MOUNTING PARTS
REFER TO REAR EQUIPMENT MOUNTING
FRAME IN UNIT 17 OF THIS CATALOG-



SUPERSTRUCTURE

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SECTION 13

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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SUPERSTRUCTURE

-12-

SECTION 13

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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REF. NO.	PART NUMBER	DESCRIPTION
		TC-210

FOR INDEX TO UNITS REFER TO INTRODUCTION PAGE III



REF. NO.	PART NUMBER	DESCRIPTION
		TC-210



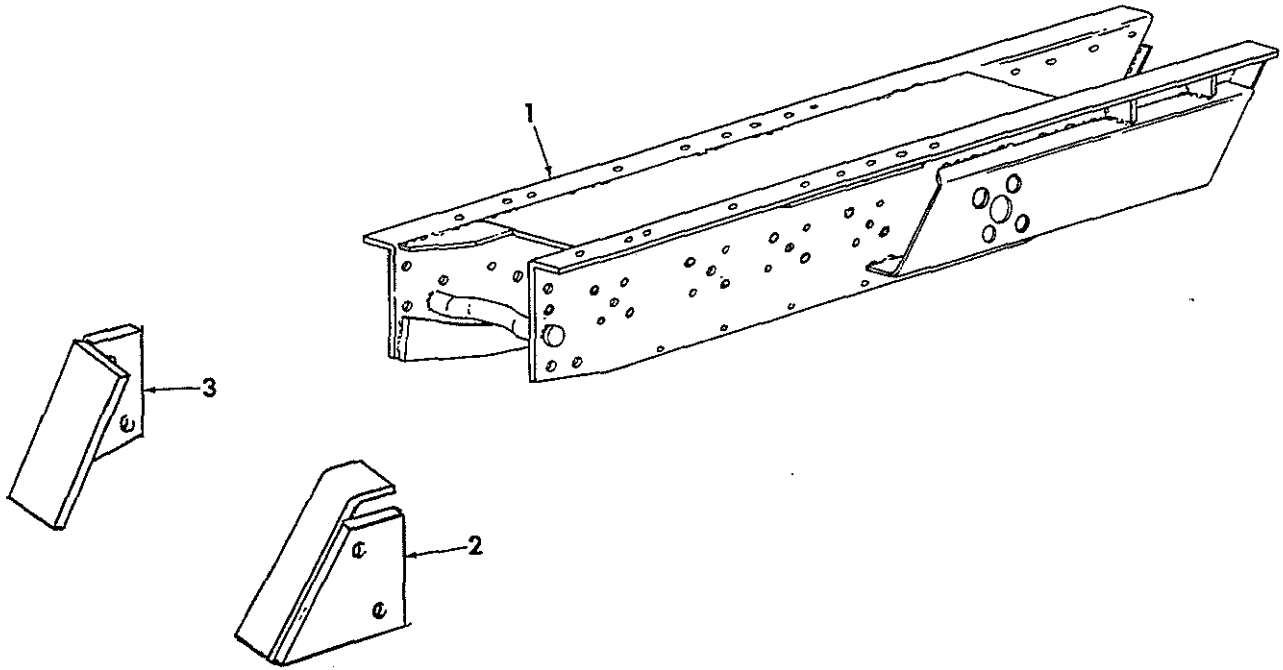
REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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TRACK FRAME



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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TRACK FRAME -CONTINUED



HE-669A

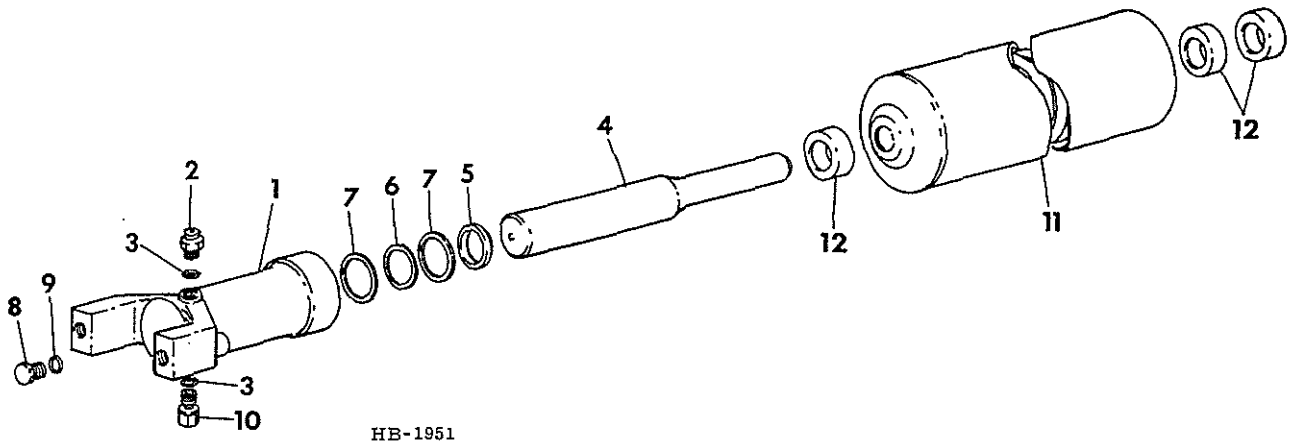
1	677 248 R2	FRAME ASSY, TRACK LH SHOWN
1	677 249 R2	FRAME ASSY, TRACK RH
2	852 262 C1	DEFLECTOR ASSY, STONE INNER LH SHOWN
2	852 263 C1	DEFLECTOR ASSY, STONE INNER RH
	271 715	BOLT, 5/8-11 X 1 HEX-HD -4-
3	852 510 C1	DEFLECTOR ASSY, STONE OUTER LH SHOWN
3	852 511 C1	DEFLECTOR ASSY, STONE OUTER RH
	271 715	BOLT, 5/8-11 X 1 HEX-HD -4-

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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TRACK ADJUSTER

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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TRACK ADJUSTER -CONTINUED



- 1 677 273 R2 YOKE, TRACK ADJUSTER -2-
271 733 BOLT, 5/8-11 X 4-1/2 HEX-HD -4-
- 2 676 075 R91 FITTING, HYD -2-
- 3 676 076 R1 WASHER, FITTING -4-
- 4 852 314 C1 SHAFT, ADJUSTER PLUNGER -2-
- 5 675 140 R1 RING, SHAFT WIPER -2-
- 6 464 048 R1 O-RING -2-
- 7 378 726 R1 WASHER, O-RING -4-
- 8 9 410 361 PLUG, ADJUSTER YOKE -2-
- 9 368 269 R1 O-RING -2-
- 10 850 318 C1 VALVE, ADJUSTER YOKE RELIEF -2-
- 11 852 430 C1 ADJUSTER ASSY, TRACK -2-
- 12 852 437 C1 RING, ADJUSTER FRONT & REAR -6-
- 852 740 C91 KIT, ADJUSTER SEAL SERVICE
CONSISTS OF
1 RING 675 140 R1
1 RING 464 048 R1
2 WASHER 378 726 R1
1 O-RING 368 269 R1



SUSPENSION

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SECTION 14

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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GAUGE BARS



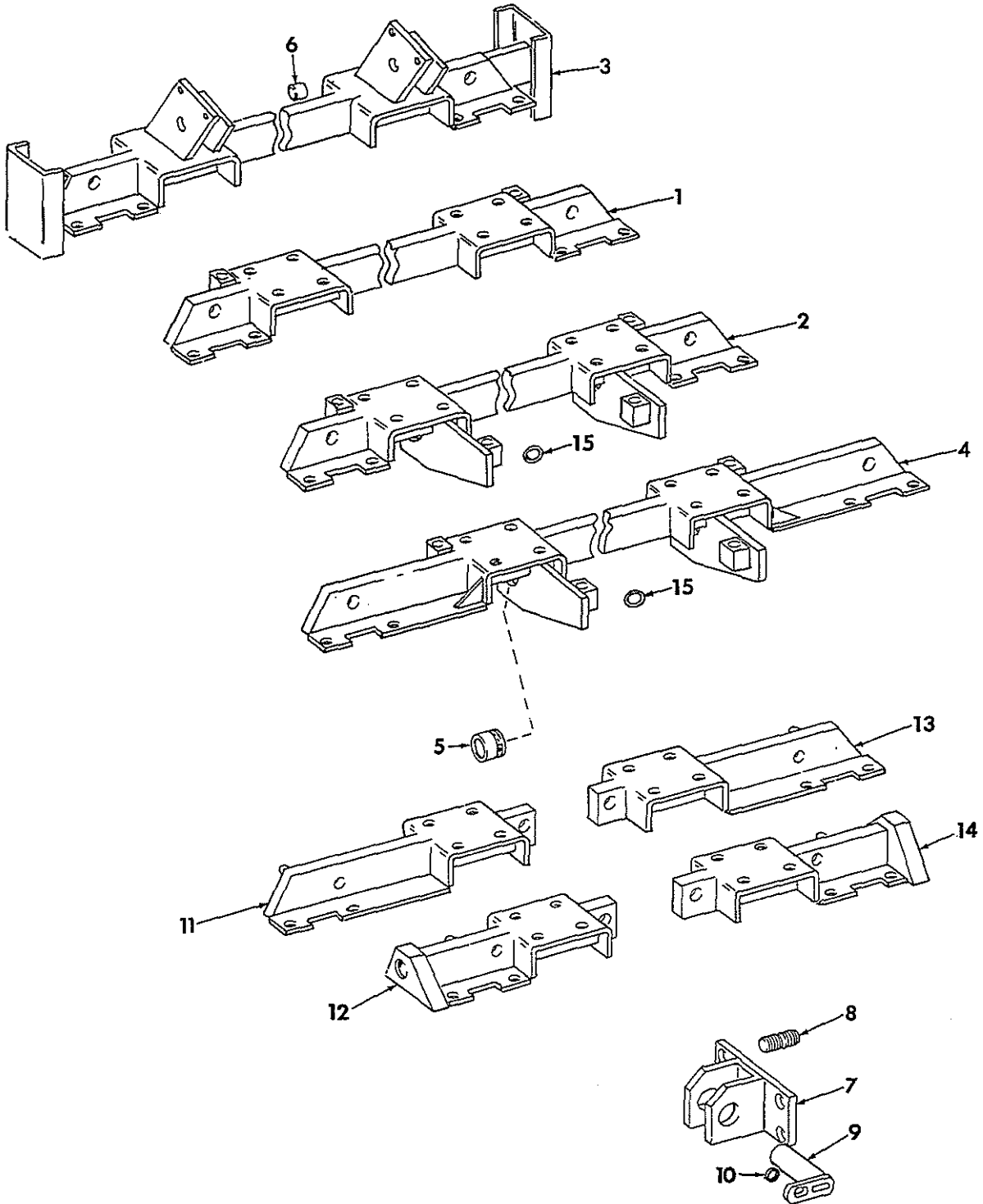
SUSPENSION

-4-

SECTION 14

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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GAUGE BARS -CONTINUED



HC-1952



SUSPENSION

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SECTION 14

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
GAUGE BARS -CONTINUED			
1	852 443 C1	BAR ASSY, FRONT GAUGE FOR USE ON 75 LOADER AND BASIC BULLGRADER W/ 50 INCH GAUGE WIDTH	
	308 916 R1	BOLT, 3/4-10 X 1-1/2 TYPE 8 HEX-HD -8- LOADER	
	308 916 R1	BOLT, 3/4-10 X 1-1/2 TYPE 8 HEX-HD -4- GRADER	
	21 457 R1	BOLT, 3/4-10 X 2-1/4 TYPE 8 HEX-HD -6-	
	24 895 R1	BOLT, 3/4-10 X 4-1/2 TYPE 8 HEX-HD -2- LOADER	
	22 049 R1	NUT, 3/4-10 TYPE 8 HEX -8-	
	677 271 R1	WASHER, SPECIAL -8-	
2	852 616 C91	BAR ASSY, FRONT GAUGE INCLUDES 2-852 619 C1 BUSHING FOR USE ON 510-511 BULLGRADER W/ 50 INCH GAUGE WIDTH	
	109 461	FITTING, 1/8-27 NPT STR LUB -2-	
	308 916 R1	BOLT, 3/4-10 X 1-1/2 TYPE 8 HEX-HD -4-	
	21 457 R1	BOLT, 3/4-10 X 2-1/4 TYPE 8 HEX-HD -6-	
	21 610 R1	BOLT, 3/4-10 X 2-1/2 TYPE 8 HEX-HD -2-	
	22 049 R1	NUT, 3/4-10 TYPE 8 HEX -8-	
	677 271 R1	WASHER, SPECIAL -4-	
3	852 659 C1	BAR ASSY, FRONT GAUGE FOR USE ON 512 BULLGRADER W/ 50 INCH GAUGE WIDTH	
	308 916 R1	BOLT, 3/4-10 X 1-1/2 TYPE 8 HEX-HD -4-	
	21 457 R1	BOLT, 3/4-10 X 2-1/4 TYPE 8 HEX-HD -6-	
	24 895 R1	BOLT, 3/4-10 X 4-1/2 TYPE 8 HEX-HD -2-	
	271 773	BOLT, 3/4-10 X 2-1/2 HEX-HD -4-	
	22 049 R1	NUT, 3/4-10 TYPE 8 HEX -12-	
	677 271 R1	WASHER, SPECIAL -4-	
	21 753 R1	WASHER, .780 X 1.500 X .054 -4-	
4	852 691 C91	BAR ASSY, FRONT GAUGE INCLUDES 2-852 619 C1 BUSHING FOR USE ON BASIC, 510-511 BULLGRADER W/ 68 INCH GAUGE WIDTH	
	109 461	FITTING, 1/8-27 NPT STR LUB -2-	
	308 916 R1	BOLT, 3/4-10 X 1-1/2 TYPE 8 HEX-HD -4-	
	21 457 R1	BOLT, 3/4-10 X 2-1/4 TYPE 8 HEX-HD -8-	
	21 610 R1	BOLT, 3/4-10 X 2-1/2 TYPE 8 HEX-HD -2-	
	22 049 R1	NUT, 3/4-10 TYPE 8 HEX -8-	
	677 271 R1	WASHER, SPECIAL -4-	
5	852 619 C1	BUSHING, C FRAME PIVOT -2- FOR USE ON 510 & 511 BULLGRADER	
6	518 648 R1	SPACER, RADIUS ARM SUPPORT BAR -4- FOR USE ON 512 BULLGRADER ONLY	
7	852 455 C1	CHANNEL, REAR GAUGE BAR ANCHOR -2-	
8	852 473 C1	STUD, CHANNEL MTG -8-	
	426 639	NUT, 3/4-16 TYPE 8 HEX -8-	
9	677 745 R1	PIN ASSY, REAR GAUGE BAR ANCHOR -2-	
	850 680 C1	BOLT, 3/8-16 X 7/8 SELF TAPPING -2-	
	120 382	WASHER, 3/8 LOCK -2-	
	619 856 R1	WASHER, .406 X 1.000 X .056 FLAT -2-	
10	452 805 R1	SPACER, PIN RETAINING BOLT -2-	



SUSPENSION

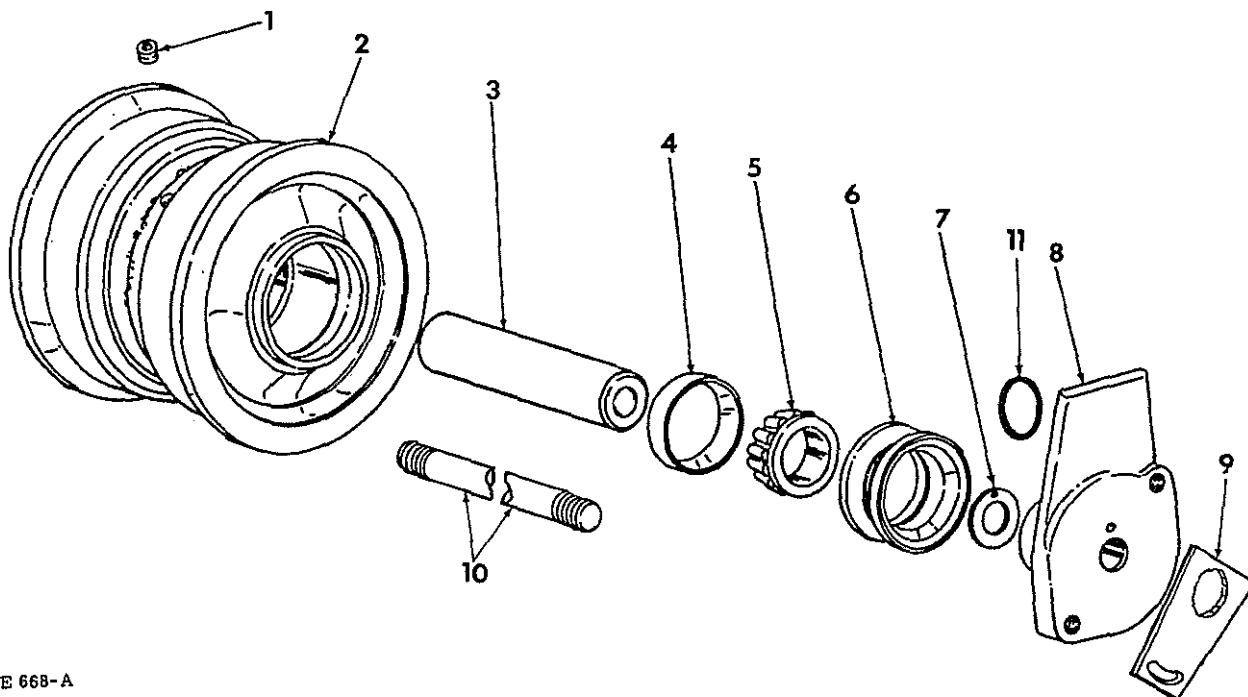
-5-

SECTION 14

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
GAUGE BARS -CONTINUED			
11	852 448 C1	BAR ASSY, REAR GAUGE LH FOR USE ON 75 LOADER AND BASIC, 510-511 BULLGRADER W/ 50 INCH GAUGE WIDTH	
11	852 695 C1	BAR ASSY, REAR GAUGE LH FOR USE ON BASIC, 510-511 BULLGRADER W/68 INCH GAUGE WIDTH	
	308 916 R1	BOLT, 3/4-10 X 1-1/2 TYPE 8 HEX-HD -8-	
	22 049 R1	NUT, 3/4-10 TYPE 8 HEX -4-	
	677 271 R1	WASHER, SPECIAL -8-	
12	852 586 C1	BAR ASSY, REAR GAUGE LH FOR USE ON 512 BULLGRADER ONLY	
	308 916 R1	BOLT, 3/4-10 X 1-1/2 TYPE 8 HEX-HD -8-	
	22 049 R1	NUT, 3/4-10 TYPE 8 HEX -4-	
	677 271 R1	WASHER, SPECIAL -4-	
13	852 449 C1	BAR ASSY, REAR GAUGE RH FOR USE ON 75 LOADER AND BASIC, 510-511 BULLGRADER W/ 50 INCH GAUGE WIDTH	
13	852 696 C1	BAR ASSY, REAR GAUGE RH FOR USE ON BASIC, 510-511 BULLGRADER W/68 INCH GAUGE WIDTH	
	308 916 R1	BOLT, 3/4-10 X 1-1/2 TYPE 8 HEX-HD -8-	
	22 049 R1	NUT, 3/4-10 TYPE 8 HEX -4-	
	677 271 R1	WASHER, SPECIAL -8-	
14	852 587 C1	BAR ASSY, REAR GAUGE RH FOR USE ON 512 BULLGRADER ONLY	
	308 916 R1	BOLT, 3/4-10 X 1-1/2 TYPE 8 HEX-HD -4-	
	308 916 R1	BOLT, 3/4-10 X 1-1/2 TYPE 8 HEX-HD -4-	
	22 049 R1	NUT, 3/4-10 TYPE 8 HEX -4-	
	677 271 R1	WASHER, SPECIAL -8-	
15	852 507 C91	SHIM SET, GAUGE BAR MOUNTING -2- -FOR USE W/510 & 511 BULLGRADER CONSISTS OF	
		\$ 2 SHIM	.002
		\$ 2 SHIM	.005
		\$ 3 SHIM	.010
		\$ 1 SHIM	.020
		\$ 1 SHIM	.030

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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TRACK ROLLERS W/DF SEALS



HE 668-A

1	444 688	PLUG, 1/8-27 NPT AUTO HEX-SKT PIPE C-2
2	677 308 R11	ROLLER ASSY, TRACK INCLUDES 2-478 793 R1 CUPS
3	852 312 C1	SHAFT, TRACK ROLLER
4	478 793 R1	CUP, BEARING -2-
5	160 558 C91	CONE, TRACK ROLLER BEARING -2-
6	677 303 R91	PACKAGE, OIL SEAL SERVICE -2- -FOR SERVICE PARTS REFER TO TRACK ROLLER & IDLER DF SEALS-
7	852 507 C91	SHIM SET, SHAFT END AS REQD CONSISTS OF \$ 2 SHIM .002 \$ 2 SHIM .005 \$ 3 SHIM .010 \$ 1 SHIM .020 \$ 1 SHIM .030
8	677 311 R3 22 458 R1 180 172	BRACKET, SHAFT SUPPORT -2- O-RING, SHAFT SEALING -2- BOLT, 1/2-13 X 7/8 HEX-HD -2-
9	850 469 C1 180 174 20 601 R1	LOCK, TRACK ROLLER NUT -2- BOLT, 1/2-13 X 1-1/8 HEX-HD -2- WASHER, .531 X 1.250 X .105 -2-
10	852 311 C1 220 086	STUD, TRACK ROLLER SHAFT RETAINER NUT, 3/4-10 HEX -2-
11	22 458 R1	O-RING, SHAFT SEALING -2-

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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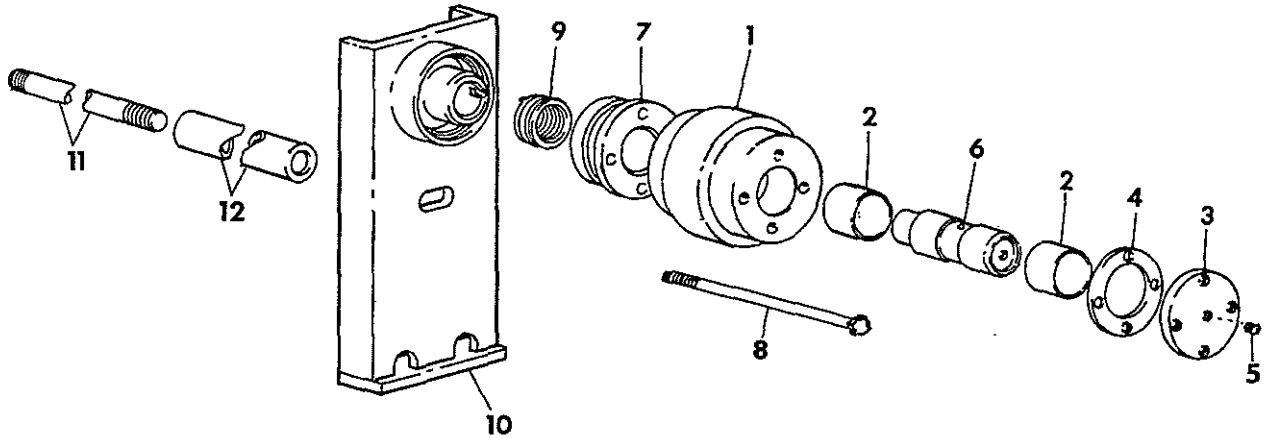
TRACK ROLLERS W/DF SEALS -CONTINUED

852 009 C91	PACKAGE, SINGLE TRACK ROLLER SERVICE CONSISTS OF
1 ROLLER ASSY	677 308 R11
2 CONE	160 558 C91
1 PLUG	444 688
2 OIL SEAL	677 303 R91
1 SHAFT	852 312 C1
1 SHIM SET	852 507 C91
1 STUD	852 311 C1
2 NUT	220 086
2 BRACKET	677 311 R2
2 BOLT	180 172
2 O RING	22 458 R1



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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TOP IDLER ROLLER



HB-1950

1	675 151 R11	ROLLER ASSY, TOP IDLER -2- INCLUDES 2-635 226 R1 BUSHING
2	635 226 R1	BUSHING, ROLLER -4-
3	635 218 R1	PLATE, ROLLER OUTER THRUST -2-
4	635 005 R1	GASKET, THRUST PLATE -8- USE AS REQD
5	444 688	PLUG, 1/8-27 NPT AUTO-HEX-SKT PIPE -2-
6	852 398 C1	SHAFT, TOP IDLER -2-
	271 767	BOLT, 3/4-10 X 1-1/2 HEX-HD -2-
	141 212	PIN, 5/16 X .312 DOWEL - UNH -2-
7	852 400 C1	RETAINER, TOP IDLER OIL SEAL OUTER -2-
8	21 104 R1	BOLT, 5/16-18 X 5-1/4 HEX-HD PLN -8-
	120 376	NUT, 5/16-18 HEX -8-
	115 548	WASHER, 5/16 INT TOOTH LOCK -8-
9	677 303 R91	PACKAGE, OIL SEAL SERVICE -FOR SERVICE PARTS REFER TO TRACK ROLLER & IDLER DF SEALS-
10	852 401 C1	SUPPORT ASSY, TOP IDLER -2-
	180 181	BOLT, 1/2-13 X 2 HEX-HD -4-
	120 378	NUT, 1/2-13 HEX -4-
11	852 404 C1	STUD, TOP IDLER SUPPORT 50 INCH GAUGE WIDTH -2-
11	852 741 C1	STUD, TOP IDLER SUPPORT 68 INCH GAUGE WIDTH -2-
	220 086	NUT, 3/4-10 HEX -4-
	467 750 R1	WASHER, .781 X 1.500 X .105 FLAT -2-
12	852 405 C1	PIPE, TOP IDLER SUPPORT SPACER 50 INCH GAUGE WIDTH -2-
12	852 742 C1	PIPE, TOP IDLER SUPPORT SPACER 68 INCH GAUGE WIDTH -2-



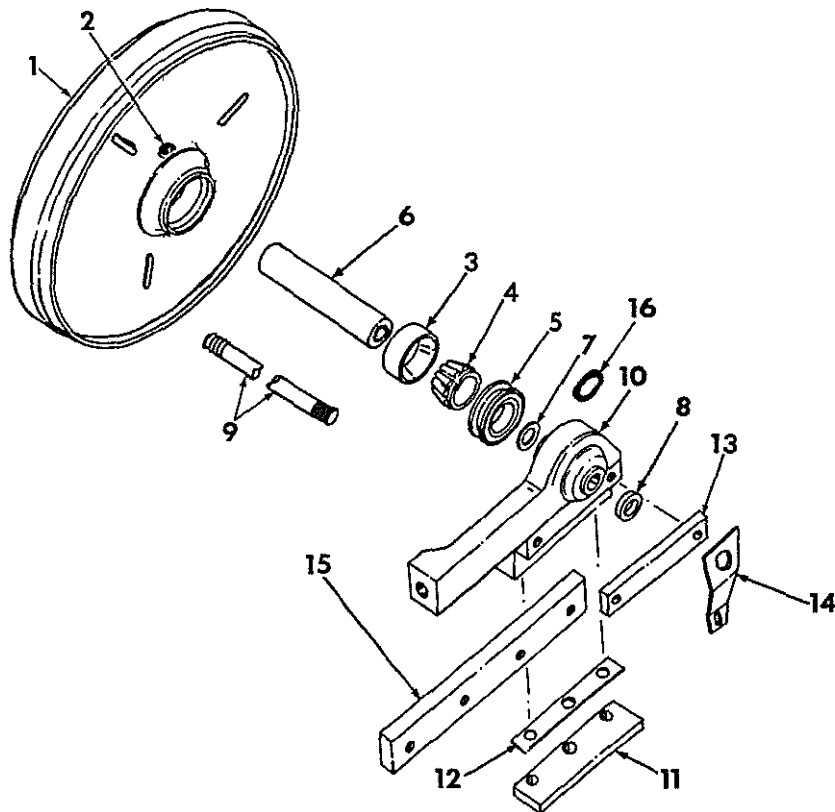
REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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TOP IDLER ROLLER -CONTINUED

852 011 C91	PACKAGE, SINGLE TOP IDLER SERVICE CONSISTS OF
	1 ROLLER ASSY 675 151 R11
	1 PLATE 635 218 R1
	4 GASKET 635 005 R1
	1 PLUG 444 688
	1 SHAFT 852 398 C1
	1 BOLT 271 767
	1 PIN 141 212
	1 RETAINER 852 400 C1
	4 BOLT 21 104 R1
	4 NUT 120 376
	4 WASHER 115 548
	1 OIL SEAL 677 303 R91

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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FRONT IDLER W/DF SEALS



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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FRONT IDLER W/DF SEALS -CONTINUED

HE 675-A

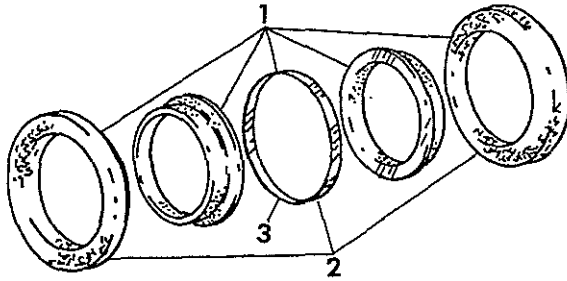
- 1 850 667 C91 WHEEL ASSY, FRONT IDLER W/BRG CUPS -2-
NOT FOR USE W/BACKHOE
- 1 850 671 C91 WHEEL ASSY, FRONT IDLER W/BRG CUPS -2-
W/INTEGRAL IDLER WEIGHT FOR USE W/BACKHOE
- 2 444 688 PLUG, 1/8-27 NPT HEX-SKT -2-
- 3 478 793 R1 CUP, BEARING -4-
- 4 160 558 C91 CONE, FRONT IDLER BEARING -4-
- 5 677 303 R91 PACKAGE, OIL SEAL SERVICE -4-
-FOR SERVICE PARTS REFER TO
TRACK ROLLER & IDLER DF SEALS-
- 6 852 312 C1 SHAFT, FRONT IDLER -2-
- 7 852 507 C91 SHIM SET, SHAFT END -2- AS REQD
CONSISTS OF
\$ 2 SHIM .002
\$ 2 SHIM .005
\$ 3 SHIM .010
\$ 1 SHIM .020
\$ 1 SHIM .030
- 8 677 271 R1 SPACER, SHAFT RETAINER STUD -4-
- 9 852 310 C1 STUD, FRONT IDLER SHAFT RETAINER -2-
220 086 NUT, 3/4-10 HEX -4-

- 10 852 583 C2 BRACKET, IDLER ADJ LH -2-
- 10 852 584 C2 BRACKET, IDLER ADJ RH SHOWN -2-
- 22 458 R1 O-RING, SHAFT SEALING -4-
- 11 677 336 R1 BAR, BRACKET WEAR -4-
271 547 BOLT, 5/8-11 X 1-1/2 HEX-HD -12-
- 12 677 337 R1 SHIM, WEAR BAR .060 -6-
USE AS REQD
- 12 677 338 R1 SHIM, WEAR BAR .040 -8-
USE AS REQD
- 13 677 339 R1 BAR, BRACKET RETAINER -4-
180 173 BOLT, 1/2-13 X 1 HEX-HD -4-
- 14 852 585 C1 LOCK FRONT IDLER BOLT -4-
180 175 BOLT, 1/2-13 X 1-1/4 -4-
20 601 R1 WASHER, .531 X 1.250 X .105 FLAT -4-
- 15 677 265 R1 BAR, FRONT IDLER ADJ BRACKET SLIDE -4-
20 197 R1 BOLT, 5/8-11 X 1 HEX-HD TYPE 8 -16-
- 16 22 458 R1 O-RING, SHAFT SEALING -4-



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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TRACK ROLLER & IDLER ROLLER DF SEALS



HB 1963

- | | | |
|---|-------------|---|
| 1 | 677 303 R91 | SEAL, OIL
-CONSISTS OF
\$ 2 CAST RINGS
\$ 2 RUBBERS
\$ 1 BAND - PLASTIC |
| 2 | 606 252 C91 | KIT, OIL SEAL REBUILD
-CONSISTS OF
\$ 2 RUBBERS
\$ 2 BANDS - PLASTIC
\$ 1 INSTRUCTION |
| 3 | 606 627 C91 | KIT, REUNITIZATION FIELD SERVICE
-CONSISTS OF
\$ 50 BANDS - PLASTIC |



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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SUSPENSION

-10-

SECTION 14

REF. NO.	PART NUMBER	DESCRIPTION	TC-210



SUSPENSION

-10-

SECTION 14

REF. NO.	PART NUMBER	DESCRIPTION	TC-210



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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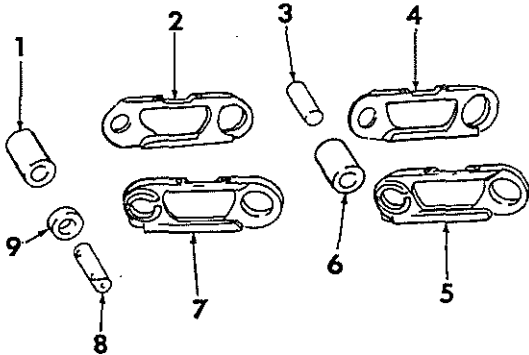
FOR INDEX TO UNITS REFER TO INTRODUCTION PAGE III



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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TRACK CHAIN

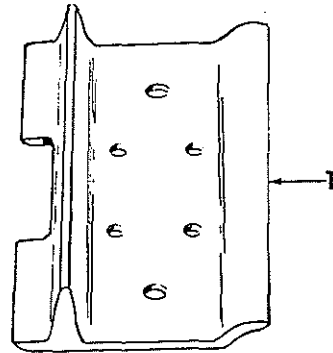


HB 1929

- 1 636 741 R1 BUSHING, MASTER LINK -2-
- 2 636 737 R3 LINK, MASTER RH -2-
- 3 636 738 R1 PIN, REGULAR LINK -68-
- 4 636 735 R3 LINK, REGULAR RH -68-
- 5 636 734 R3 LINK, REGULAR LH -68-
- 6 636 740 R1 BUSHING, REGULAR LINK -68-
- 7 636 736 R3 LINK, MASTER LH -2-
- 8 636 739 R1 PIN, MASTER LINK -2-
617 940 R1 PIN, 5/16 X 1-3/4 COILED SPRING -4-
- 9 676 474 R1 SPACER -2-
- 636 733 R91 CHAIN ASSY, TRACK -2-
-CONSISTS OF
34 LINK 636 734 R3
34 LINK 636 735 R3
1 LINK 636 736 R3
1 LINK 636 737 R3
34 PIN 636 738 R1
1 PIN 636 739 R1
34 BUSHING 636 740 R1
1 BUSHING 636 741 R1
2 PIN 617 940 R1
- 676 488 R91 TRACK LINK BUSHING PKGE
-CONSISTS OF
1 PIN 636 738 R1
1 BUSHING 636 741 R1
2 SPACER 676 474 R1-
- 850 855 C91 SERVICE KIT, TRACK CHAIN REBUILD
-CONSISTS OF
34 PIN 636 738 R1
1 PIN 636 739 R1
34 BUSHING 636 740 R1
1 BUSHING 636 741 R1
2 PIN 617 940 R1

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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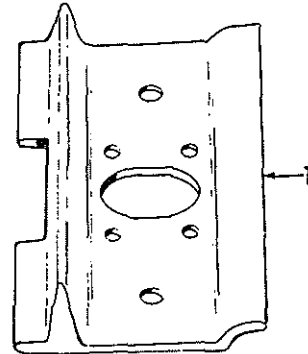
CLIPPED CORNER TRACK SHOE



HB 1928

- 1 636 761 R1 SHOE, 12 IN CLIPPED CORNER TRACK -70-
- STD. SECTION -
- 1 636 762 R1 SHOE, 14 IN CLIPPED CORNER TRACK -70-
- STD SECTION -
- 676 740 R1 BOLT, TRACK SHOE -280-
214 442 NUT, 1/2-20 PLAIN TYPE 8 HEX -280-

ALL-WEATHER TRACK SHOE



HB 1928

- 1 636 786 R1 SHOE, 14 IN ALL-WEATHER TRACK -70-
- STD SECTION -
- 1 636 795 R1 SHOE, 14 IN ALL-WEATHER TRACK -70-
-HEAVY SECTION-
- 1 850 633 C1 SHOE, 32 IN ALL-WEATHER TRACK -70-
- HEAVY SECTION -
- 676 740 R1 BOLT, TRACK SHOE -280-
214 442 NUT, 1/2-20 PLAIN TYPE 8 HEX -280-



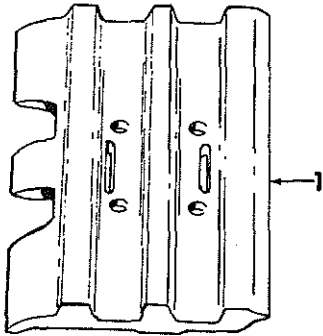
WHEELS & TRACTION

-3-

SECTION 15

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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3 GROUSER SHOES ATT



HB 1928

- 1 675 930 R1 SHOE, 12 IN OVERLAPPING FLAT-LOW -70-
PROFILE - 3 GROUSER TRACK
- 1 676 641 R1 SHOE, 14 IN OVERLAPPING FLAT-LOW -70-
PROFILE - 3 GROUSER TRACK
- 676 740 R1 BOLT, TRACK SHOE -280-
- 214 442 NUT, 1/2-20 PLAIN TYPE 8 HEX -280-



WHEELS & TRACTION

-3-

SECTION 15

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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WHEELS & TRACTION

-4-

SECTION 15

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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WHEELS & TRACTION

-4-

SECTION 15

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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MOUNTED EQUIPMENT

-1-

SECTION 17

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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FOR INDEX TO UNITS REFER TO INTRODUCTION PAGE III



MOUNTED EQUIPMENT

-1-

SECTION 17

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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MOUNTED EQUIPMENT

-2-

SECTION 17

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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BOOM AND BUCKET LINKAGE FOR 75 LOADER



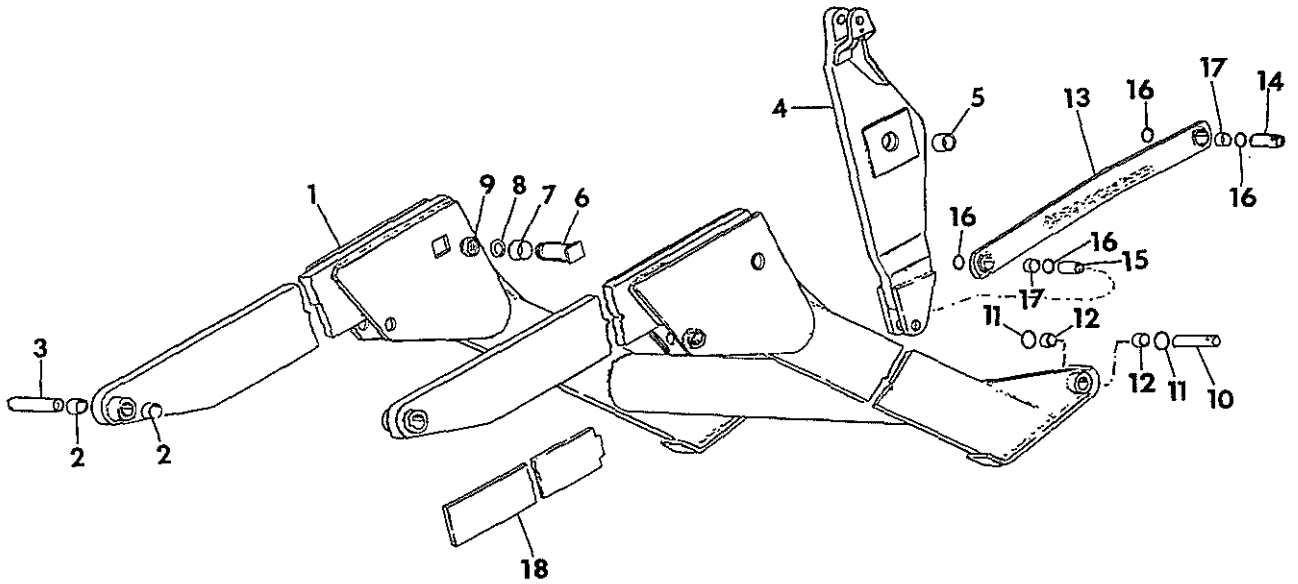
MOUNTED EQUIPMENT

-2-

SECTION 17

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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BOOM AND BUCKET LINKAGE -CONTINUED FOR 75 LOADER



HE-845A



MOUNTED EQUIPMENT

-3-

SECTION 17

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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BOOM AND BUCKET LINKAGE -CONTINUED
FOR 75 LOADER

1	850 788 C91	BOOM ASSY INCLUDES -4- 468 280 R1 AND -4- 479 049 R1 BUSHINGS	
2	468 280 R1	BUSHING, BOOM PIVOT -4-	
3	677 849 R1 109 461 473 748 R1 103 407	SHAFT, BOOM PIVOT -2- FITTING, 1/8-27 NPTF STR LUB -2- PIN, 1/2 X 2-7/16 HEADED-DLD C-Z -2- PIN, 3/16 X 1 COTTER -2-	
4	850 796 C1	LEVER ASSY, BUCKET TILT LH INCLUDES -850 804 C1- BUSHING	
4	850 797 C1	LEVER ASSY, BUCKET TILT RH -SHOWN- INCLUDES -850 804 C1- BUSHING	
5	850 804 C1	BUSHING, TILT LEVER PIVOT OUTER -2-	
6	850 806 C1 109 461	PIN ASSY, TILT LEVER PIVOT -2- FITTING, 1/8-27 NPTF STR LUB -2-	
7	850 805 C1	BUSHING, TILT LEVER PIVOT INNER -2-	
8	850 810 C1	SHIM, PIVOT .020 -2-	
8	850 811 C1	SHIM, PIVOT .030 -2- USE AS REQD	
9	850 809 C1	NUT, TILT LEVER PIVOT PIN -2-	
10	850 510 C1 109 461 24 647 R1 120 376	SHAFT, BUCKET PIVOT -2- FITTING, 1/8 STR LUB -2- BOLT, 5/16-18 X 3-1/4 PLN TYPE 8 HEX-HD -2- NUT, 5/16-18 HEX -4-	
11	172 143 H1	RING, CORD -4-	
12	479 049 R1	BUSHING, BUCKET PIVOT -4-	
13	677 864 R1	LINK ASSY, BUCKET TILT LH	
13	677 865 R1	LINK ASSY, BUCKET TILT RH -SHOWN-	
14	677 869 R1 109 461 445 572 120 376	SHAFT, TILT LINK FRONT -2- FITTING, 1/8-27 NPTF STR LUB -2- BOLT, 5/16-18 X 2-3/4 HEX-HD -2- NUT, 5/16-18 HEX -4-	
15	677 870 R1 109 461 897 412 R1 120 375	SHAFT, TILT LINK REAR -2- FITTING, 1/8-27 NPTF STR LUB -2- BOLT, 1/4-20 X 3-3/4 HEX-HD -2- NUT, 1/4-20 HEX -4-	
16	173 212 H1	RING, CORD -8-	
17	479 049 R1	BUSHING, TILT LINK -4-	
18	677 898 R1	BAR, LOADER SAFETY	

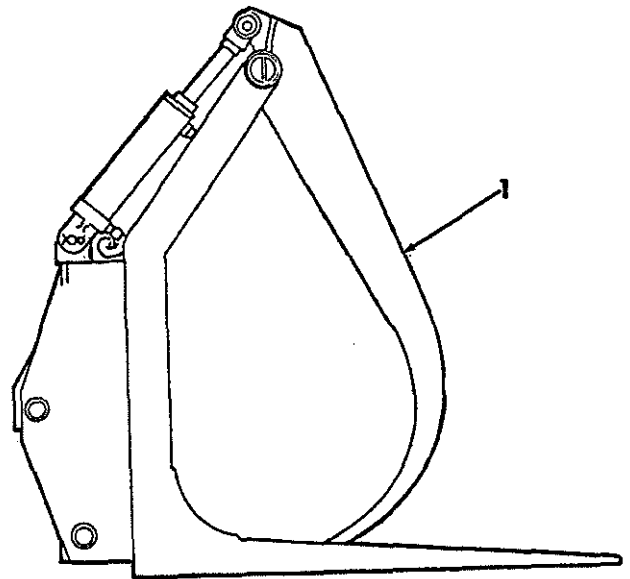


MOUNTED EQUIPMENT

-3-

SECTION 17

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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LOG AND LUMBER GRAPPLE
FOR 75 LOADER

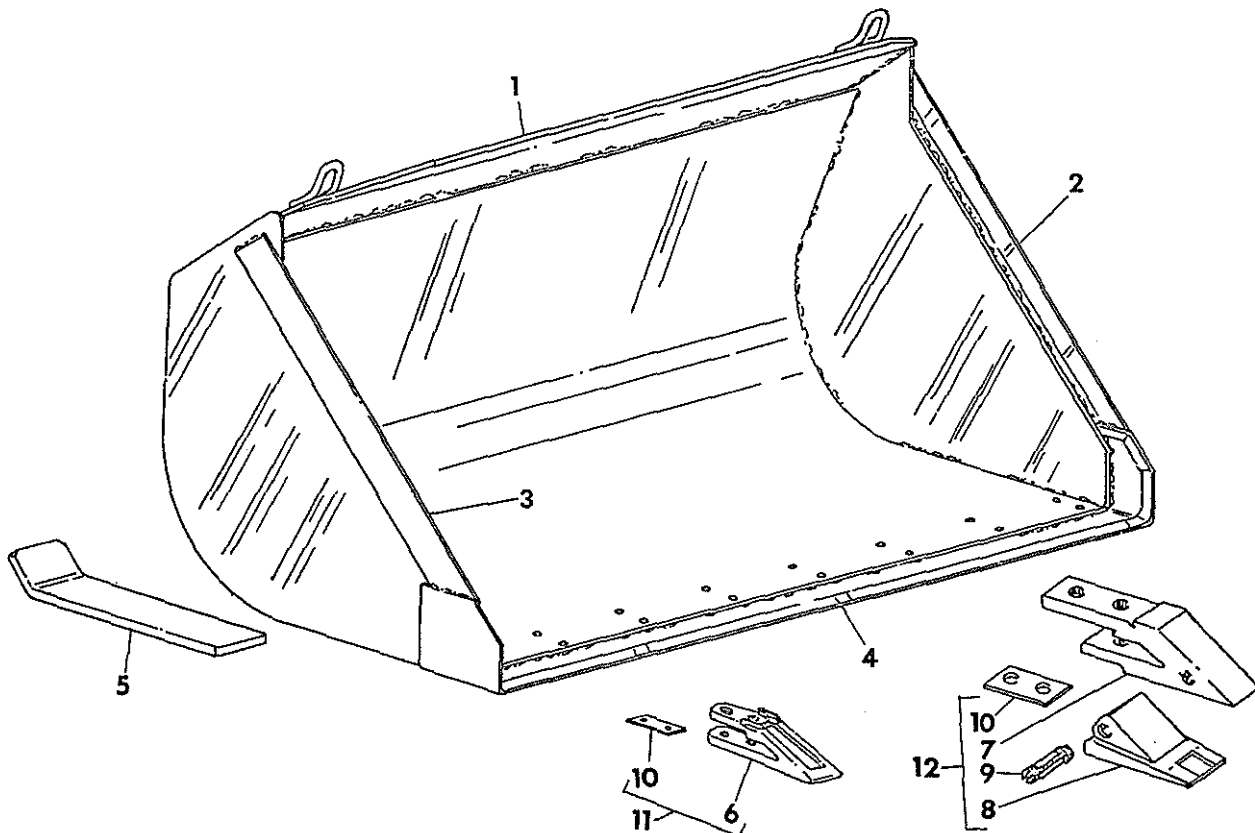
HE 1177

1
GRAPPLE, COMBINATION LOG & LUMBER
FOR SERVICE PARTS ORDER DIRECT FROM
AITKIN IRON WORKS,
AITKIN, MINNESOTA, U.S.A.



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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GENERAL PURPOSE BUCKET



HE-762A

1	677 608 R91	BUCKET ASSY, MATERIAL -INCLUDES	
	1	BLADE	677 612 R1
	1	BLADE	677 613 R1
	1	BLADE	677 614 R1
	4	RUNNER	677 615 R1
2	677 613 R1	BLADE, LH SIDE CUTTING -WELDED-	
3	677 614 R1	BLADE, RH SIDE CUTTING -WELDED-	
4	677 612 R1	BLADE, FRONT CUTTING -WELDED-	
5	677 615 R1	RUNNER, BUCKET -WELDED- 4-	
6		TOOTH, BUCKET -8- ONE PIECE TYPE ORDER 850 454C91	
	180 183	BOLT, 1/2-13 X 2-1/4 HEX-HD -16-	
	120 238	NUT, 1/2-13 HEX JAM -16-	
	607 895 R1	WASHER, .531 X 1.000 X .105 FLAT -16-	
7	850 459 C1	SHANK, BUCKET TOOTH -8- THREE PIECE TYPE	
	180 190	BOLT, 1/2-13 X 3 HEX-HD -8-	
	180 185	BOLT, 1/2-13 X 2-1/2 HEX-HD -8-	
	120 238	NUT, 1/2-13 HEX JAM -16-	
8	486 913 R1	POINT, TOOTH -8- THREE PIECE TYPE	



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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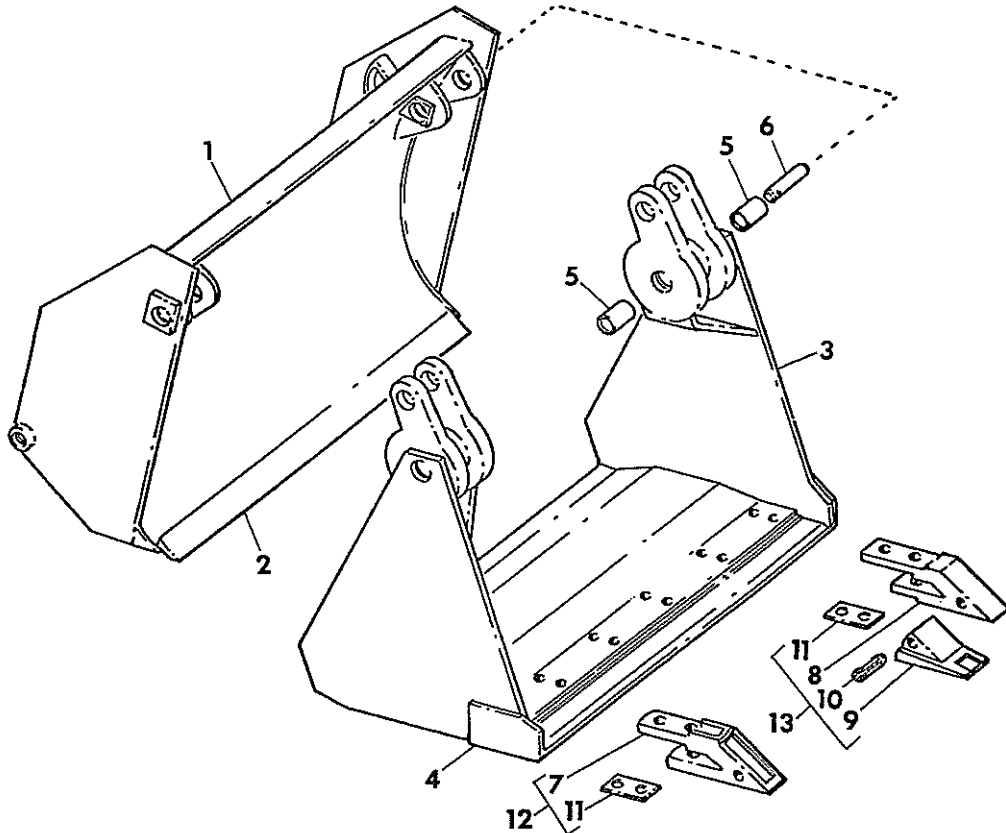
GENERAL PURPOSE BUCKET -CONTINUED

9	486 914 R1	PIN, FLEX -8- THREE PIECE TYPE	
10	850 247 C1	SHIM, BUCKET TOOTH -56- USE AS REQD	
11	850 454 C91	TOOTH ASSY, BUCKET -8- ONE PIECE TYPE COMPOSED OF-	
	\$1-	TOOTH	
	7-	SHIM	850 247 C1
	2-	BOLT	180 183
	2-	NUT	120 238
	2-	WASHER	607 895 R1
12	850 458 C91	TOOTH ASSY, BUCKET -8- THREE PIECE TYPE COMPOSED OF-	
	1-	SHANK	850 459 C1
	7-	SHIM	850 247 C1
	1-	POINT	486 913 R1
	1-	PIN	486 914 R1
	1-	BOLT	180 190
	1-	BOLT	180 185
	2-	NUT	120 238



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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MULTI PURPOSE BUCKET
FOR 75 LOADER



HB-1903

1	850 529 C91	BLADE ASSY, BUCKET INCLUDES 1-850 531 C1 BLADE
2	850 531 C1	BLADE, CUTTING -WELDED-
3	850 551 C91	BLADE ASSY, CLAM INCLUDES 4-468 280R1 BUSHINGS AND 1-850 553 C1 BLADE
4	850 553 C1	BLADE, CUTTING -WELDED-
5	468 280 R1	BUSHING, HINGE PIVOT -4-
6	850 550 C1	SHAFT, CLAM HINGE -2-
Q	109 461	FITTING, 1/8-27 STR LUB -2-
	3 429	PIN, 5/16 X 3-1/2 HEADED -2-
	103 384	PIN, 1/8 X 3/4 COTTER -2-
7		TOOTH, BUCKET -6- ONE PIECE TYPE ORDER 850 454C91
	180 183	BOLT, 1/2-13 X 2-1/4 HEX-HD -12-
	120 238	NUT, 1/2-13 HEX JAM -12-
	607 895 R1	WASHER, .531 X 1.000 X .105 FLAT -12-
8	850 459 C1	SHANK, BUCKET TOOTH -6- THREE PIECE TYPE
	180 190	BOLT, 1/2-13 X 3 HEX-HD -6-
	180 185	BOLT, 1/2-13 X 2-1/2 HEX-HD -6-
	120 238	NUT, 1/2-13 HEX JAM -12-



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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MULTI PURPOSE BUCKET -CONTINUED
FOR 75 LOADER

9	486 913 R1	POINT, TOOTH -6- THREE PIECE TYPE
10	486 914 R1	PIN, FLEX -6- THREE PIECE TYPE
11	850 247 C1	SHIM, BUCKET TOOTH -42- USE AS REQD
12	850 454 C91	TOOTH ASSY, BUCKET -6- ONE PIECE TYPE COMPOSED OF-
		\$1-TOOTH
		7-SHIM 850 247 C1
		2-BOLT 180 183
		2-NUT 120 238
		2-WASHER 607 895 R1
13	850 458 C91	TOOTH ASSY, BUCKET -6- THREE PIECE TYPE COMPOSED OF-
		1-SHANK 850 459 C1
		7-SHIM 850 247 C1
		1-POINT 486 913 R1
		1-PIN 486 914 R1
		1-BOLT 180 190
		1-BOLT 180 185
		2-NUT 120 238

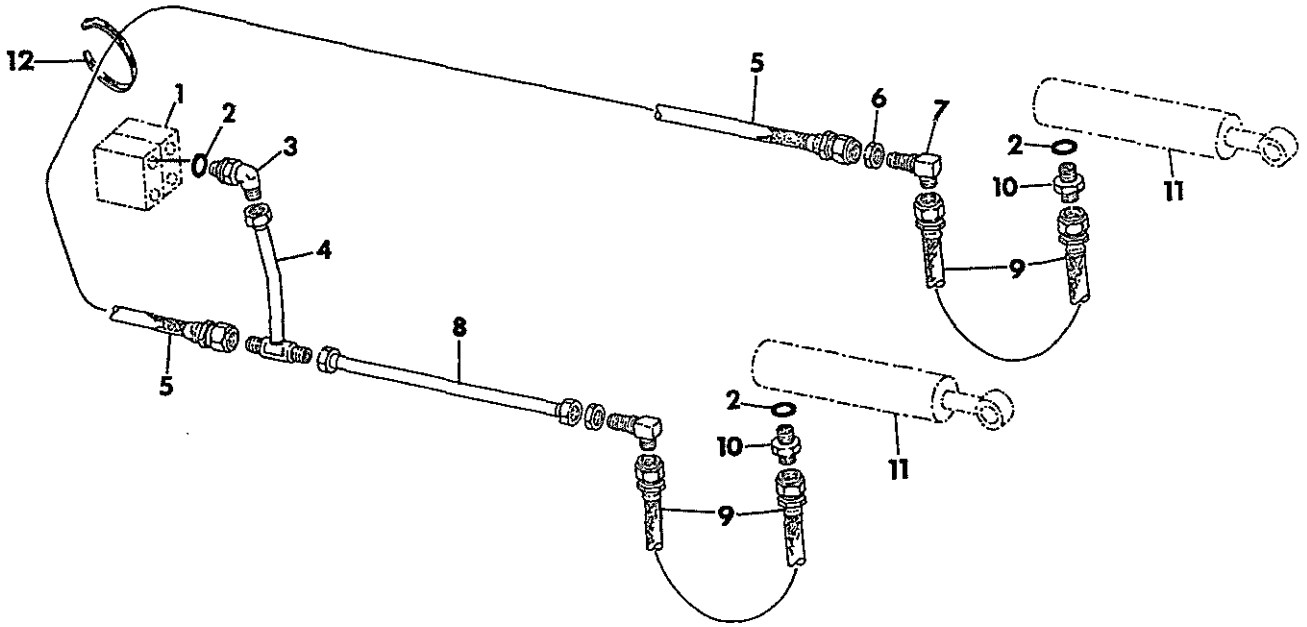
117-12-A
108-44-1

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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LIFT HYDRAULICS - RAISE
FOR 75 LOADER

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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LIFT HYDRAULICS - RAISE -CONTINUED
FOR 75 LOADER

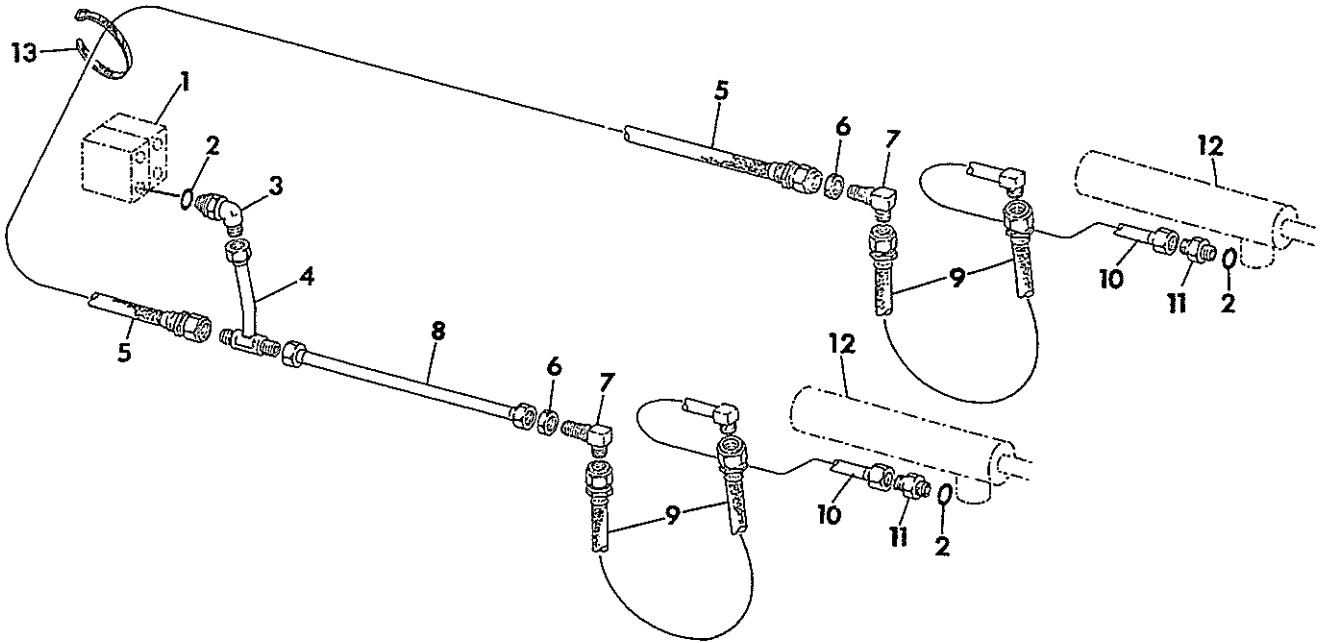


HE-810

- | | | |
|----|-------------|---|
| 1 | | VALVE, HYDRAULIC CONTROL
REFER TO -HYDRAULICS- SECTION 10 |
| 2 | 570 828 R1 | O-RING -3- |
| 3 | 9 411 105 | ELBOW, 3/4-16 HYD 37 DEG FLARED TUBE
ADJ STR THRD 45 DEG W/NUT &
BACK-UP WASHER C-2 |
| 4 | 677 482 R11 | TUBE ASSY, LIFT CYL RAISE TEE |
| 5 | 850 262 C1 | HOSE ASSY, LH LIFT CYL CROSS-OVER |
| 6 | 9 403 294 | NUT, 3/4-16 BULKHEAD UNION LOCK C-2 -2- |
| 7 | 469 997 R1 | ELBOW, 3/4-16 HYD 37 DEG FLARED TUBE-2-
90 DEG BULKHEAD UNION C-2 |
| 8 | 677 486 R11 | TUBE ASSY, RH LIFT CYL RAISE |
| 9 | 473 820 R91 | HOSE ASSY, LIFT CYL -2- |
| 10 | 9 410 203 | CONNECTOR, 3/4-16 HYD 37 DEG FLARED -2-
TUBE SHORT SWIVEL C-2 |
| 11 | 404 248 R91 | CYLINDER ASSY, -HYDRAULIC LIFT -2-
FOR COMPONENTS SEE LISTING
-LIFT CYLINDER - THIS SECTION |
| 12 | 816 502 C1 | STRAP - HOSE TIE -2- |



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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LIFT HYDRAULICS - LOWER
FOR 75 LOADER

HE-811

1		VALVE, HYDRAULIC CONTROL REFER TO -HYDRAULICS- SECTION 10
2	570 828 R1	O-RING -3-
3	9 411 105	ELBOW, 3/4-16 HYD 37 DEG FLARED TUBE ADJ STR THRD 45 DEG W/NUT & BACK-UP WASHER C-Z
4	677 483 R11	TUBE ASSY, LIFT CYL LOWER TEE
5	850 262 C1	HOSE ASSY, LH LIFT CYL CROSS-OVER
6	9 403 294	NUT, 3/4-16 BULKHEAD UNION LOCK C-Z -2-
7	469 997 R1	ELBOW, 3/4-16 HYD 37 DEG FLARED TUBE-2- 90 DEG BULKHEAD UNION C-Z
8	677 487 R11	TUBE ASSY, RH LIFT CYL LWR
9	473 820 R91	HOSE ASSY, LIFT CYL -2-
10	677 484 R11	TUBE ASSY, LIFT CYL LWR PORT -2-
11	9 410 203	CONNECTOR, 3/4-16 HYD 37 DEG FLARED -2- TUBE SHORT SWIVEL C-Z
12	404 248 R91	CYLINDER ASSY, HYDRAULIC LIFT -2- FOR COMPONENTS SEE LISTING -LIFT CYLINDER - THIS SECTION
13	816 502 C1	STRAP - HOSE TIE -2-



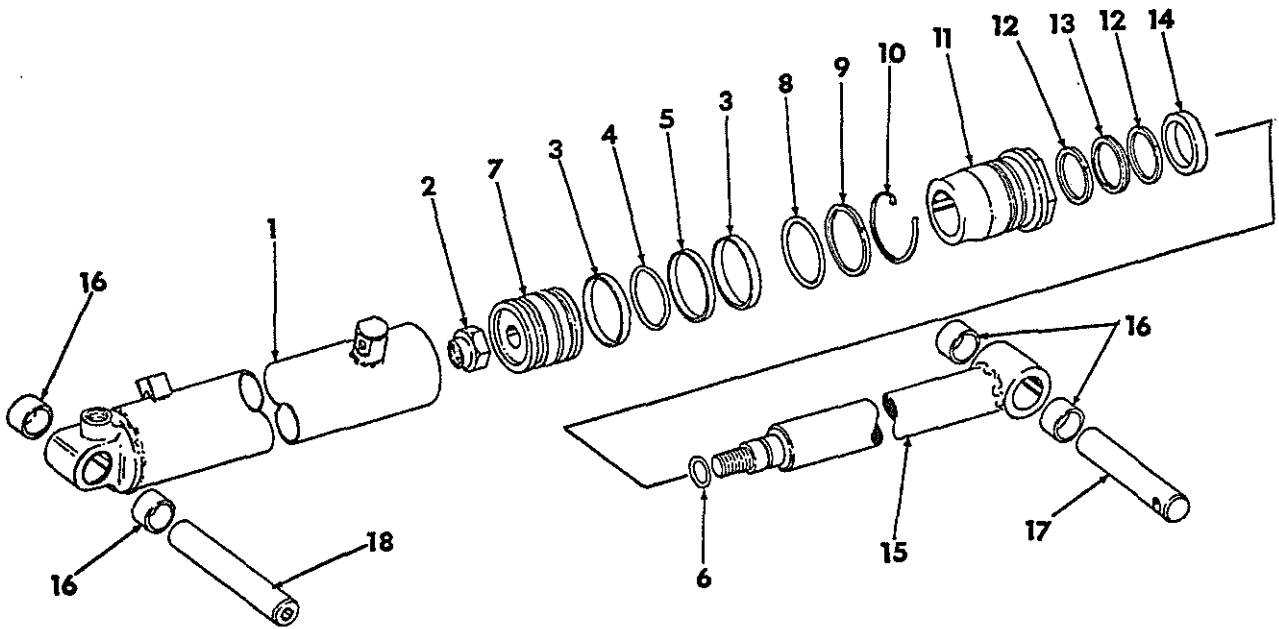
REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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LIFT HYDRAULICS - LOWER -CONTINUED
FOR 75 LOADER



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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HYDRAULIC LIFT CYLINDER
3-1/2 X 26.10 STROKE
FOR 75 LOADER



HE-809

	404 248 R91	CYLINDER ASSY, HYDRAULIC LIFT -2- COMPOSED OF ALL PARTS EXCEPT NOS 17 AND 18
1	405 000 R1	BODY ASSY, CYLINDER INCLUDES 2-468 280R1 BUSHINGS
	109 461	FITTING, 1/8-27 STR LUB -2-
2	20 251 R1	NUT, 1-1/8-12 C-Z HEX CL LOCK
3	383 005 R1	BEARING, PISTON RING -2-
4	380 910 R1	O-RING, PISTON SEAL
5	381 086 R1	RING, PISTON SEAL
6	252 483 R1	O-RING, PISTON ROD
7	381 084 R3	PISTON
8	352 216 R1	O-RING, FRONT HEAD
9	381 088 R1	WASHER, FRONT HEAD BACK-UP
10	405 002 R1	RING, RETAINING
11	404 998 R1	HEAD, FRONT
12	381 083 R2	WASHER, ROD BACK-UP -2-
13	398 978 R1	RING, QUAD
14	619 072 C91	SEAL, WIPER ROD
15	404 991 R1	ROD ASSY, PISTON INCLUDES 2-468 280R1 BUSHINGS
	109 462	FITTING, 1/8-27 90 DEG LUB -2-
16	468 280 R1	BUSHING, CYLINDER -4-



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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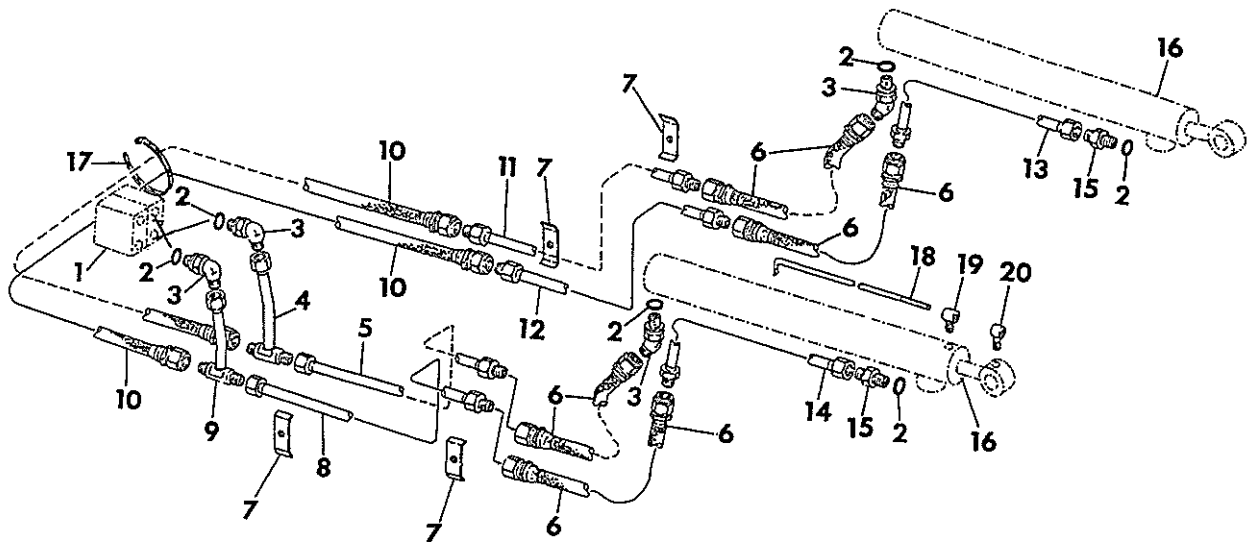
HYDRAULIC LIFT CYLINDER -CONTINUED
3-1/2 X 26.10 STROKE
FOR 75 LOADER

17	477 182 R1	SHAFT, LIFT CYLINDER FRONT MTG -2-
	456 779 R1	PIN, 3/8 X 2-5/8 HEADED DLD -2-
	103 384	PIN, 1/8 X 3/4 COTTER -2-
18	677 472 R1	SHAFT, LIFT CYLINDER REAR MTG -2-
	109 461	FITTING, 1/8-27 STR LUB -2-
	473 748 R1	PIN, 1/2 X 2-7/16 HEADED-DLD-C-Z -2-
	103 407	PIN, 3/16 X 1 COTTER -2-
	471 267 R95	KIT, HYD CYL SERVICE CONSISTS OF-
		1-O RING 252 483 R1
		1-WIPER 619 072 C91
		1-O RING 352 216 R1
		1-O RING 380 910 R1
		1-RING, QUAD 398 978 R1
		2-WASHER 381 083 R2
		1-SEAL 381 086 R1
		1-WASHER 381 088 R1
		2-RING 383 005 R1



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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TILT HYDRAULICS - RAISE AND LOWER
FOR 75 LOADER



HE-812

1		VALVE, HYDRAULIC CONTROL REFER TO -HYDRAULICS- SECTION 10
2	570 828 R1	O-RING -6-
3	9 411 105	ELBOW, 3/4-16 HYD 37 DEG FLARED TUBE ADJ STR THRD 45 DEG W/NUT & BACK-UP WASHER C-Z
4	677 493 R11	TUBE ASSY, TILT CYL RAISE TEE
5	677 497 R11	TUBE ASSY, RH TILT CYL RAISE
6	850 448 C91	HOSE ASSY, TILT CYL RAISE & LWR -4-
7	379 045 R1 180 022 120 380 180 083 120 214	CLAMP, DUAL TUBE UPPER & LWR -4- BOLT, 1/4-20 X 1 HEX-HD -2- UPPER WASHER, 1/4 LOCK -2- BOLT, 5/16-18 X 1-1/2 HEX-HD -2- LOW WASHER, 5/16 MED LOCK -2-
8	677 495 R11	TUBE ASSY, RH TILT CYL LWR
9	677 492 R11	TUBE ASSY, TILT CYL LOWER TEE
10	850 262 C1	HOSE ASSY, LH TILT CYL CROSS-OVER -2-
11	677 496 R11	TUBE ASSY, LH TILT CYL RAISE
12	677 494 R11	TUBE ASSY, LH TILT CYL LWR
13	677 498 R11	TUBE ASSY, LH TILT CYL LWR PORT
14	677 499 R11	TUBE ASSY, RH TILT CYL LWR PORT
15	9 410 203	CONNECTOR, 3/4-16 HYD 37 DEG FLARED -2- TUBE SHORT SWIVEL C-Z
16	404 169 R91	CYLINDER ASSY, HYDRAULIC TILT -2- FOR COMPONENTS SEE LISTING -TILT CYLINDER- THIS SECTION



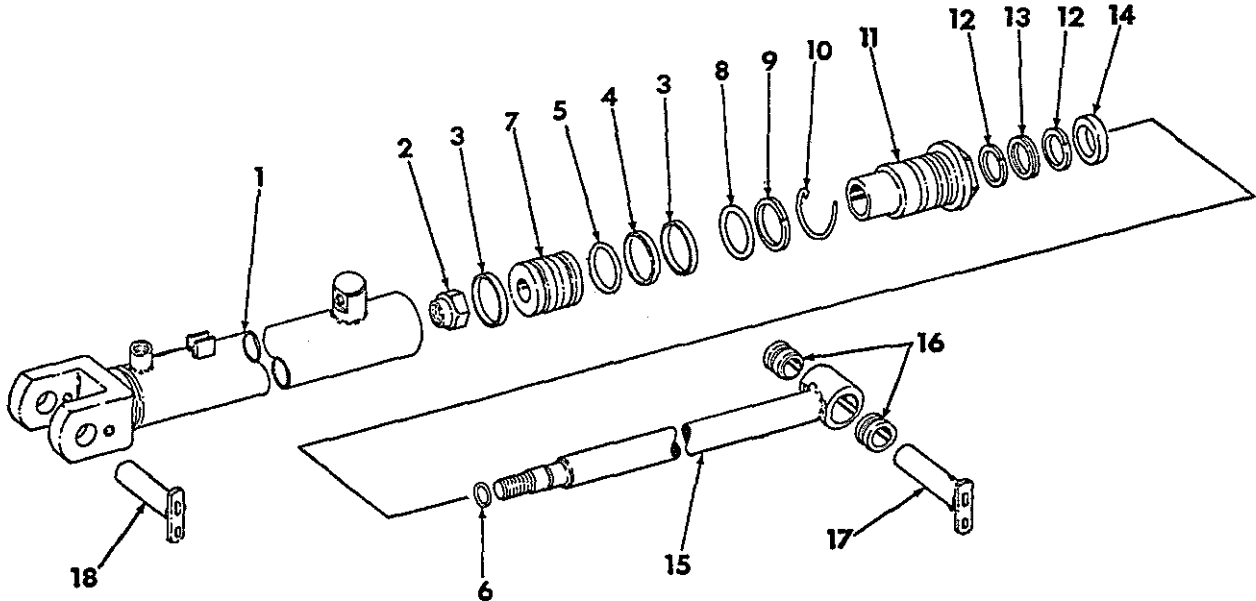
REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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TILT HYDRAULICS - RAISE AND LOWER -CONTINUED
FOR 75 LOADER

17	816 502 C1	STRAP - HOSE TIE -2-
18	850 094 C1	ROD, BUCKET INDICATOR FOR USE WITH LOADER BUCKET
	120 367	NUT, 1/4-28 HEX -2-
	120 380	WASHER, 1/4 LOCK
19	478 734 R91	EYE ASSY, INDICATOR ROD REAR FOR USE WITH LOADER BUCKET
20	478 737 R91	EYE ASSY, INDICATOR ROD FRONT FOR USE WITH LOADER BUCKET
	124 925	NUT, 3/8-24 HEX JAM

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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HYDRAULIC TILT CYLINDER
2-1/2 X 17.45 STROKE
FOR 75 LOADER



HE-808

	404 169 R91	CYLINDER ASSY, HYDRAULIC TILT -2- COMPOSED OF ALL PARTS EXCEPT NDS 17 AND 18
1	404 999 R1	BODY ASSY, CYLINDER
2	9 416 471	NUT, 1-14 HEX-LOCK
3	379 960 R1	BEARING, PISTON RING -2-
4	379 959 R1	RING, PISTON SEAL
5	379 961 R1	O-RING, PISTON SEAL
6	253 070 R1	O-RING, PISTON ROD
7	384 129 R2	PISTON
8	21 255 R1	O RING
9	378 733 R1	WASHER, FRONT HEAD BACK-UP
10	385 133 R1	RING, RETAINING
11	378 536 R2	HEAD, FRONT
12	403 622 R1	WASHER, ROD BACK-UP -2-
13	400 744 R1	RING, QUAD
14	403 460 R1	SEAL, WIPER ROD
15	404 976 R1	ROD ASSY, PISTON INCLUDES 2- 479 278 R1 BUSHINGS FITTING, 1/4 STR DRIVE LUB -2- 181 352 BOLT, 3/8-24 X 3/8 HEX-HD
16	479 278 R1	BUSHING -2-

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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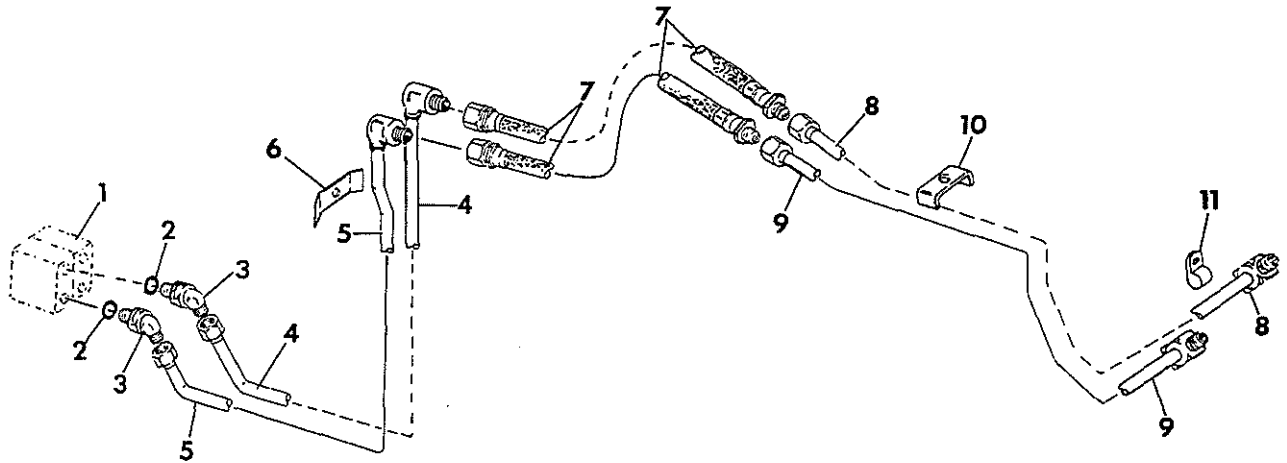
HYDRAULIC TILT CYLINDER -CONTINUED
2-1/2 X 17.45 STROKE
FOR 75 LOADER

17	677 488 R1	PIN ASSY, TILT CYL FRONT -2-
	452 805 R1	SPACER, BOLT -2-
	850 680 C1	SCREW, 3/8-16 X 7/8 HEX WASHER-HD SELF TAPPING -2-
	120 383	WASHER, 3/8 LOCK -2-
	619 856 R1	WASHER, .406 X 1.000 X .056 FLAT -2-
18	677 490 R1	PIN ASSY, TILT CYL REAR -2-
	452 805 R1	SPACER, BOLT -2-
	180 121	BOLT, 3/8-16 X 7/8 HEX-HD -2-
	120 383	WASHER, 3/8 LOCK -2-
	619 856 R1	WASHER, .406 X 1.000 X .056 FLAT -2-
	471 270 R95	KIT, HYD CYL SERVICE CONSISTS OF-
		1-O RING 21 255 R1
		1-RING 385 133 R1
		1-WASHER 378 733 R1
		2-WASHER 403 622 R1
		1-RING, QUAD 400 744 R1
		1-RING 403 460 R1
		1-SEAL 379 959 R1
		2-BEARING 379 960 R1
		1-O RING 379 961 R1
		1-O RING 253 070 R1



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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BOOM HYDRAULICS - OPEN AND CLOSE
FOR 75 LOADER WITH MULTI-PURPOSE
BUCKET OR LOG GRAPPLE



HE-814A

1		VALVE, HYDRAULIC CONTROL REFER TO -HYDRAULICS- SECTION 10
2	570 828 R1	O-RING -2-
3	9 411 105	ELBOW, 3/4-16 HYD 37 DEG FLARED -2- TUBE ADJ STR THRD 45 DEG W/NUT & BACKUP WASHER C-2
4	850 661 C11	TUBE ASSY, CLAM CLOSE REAR
5	850 662 C11	TUBE ASSY, CLAM OPEN REAR
6	369 758 R1 180 081 120 214	CLAMP, DUAL TUBE -2- BOLT, 5/16-18 X 1-1/4 HEX-HD -2- WASHER, 5/16 LOCK -2-
7	637 861 R91	HOSE ASSY, CLAM OPEN/CLOSE -2-
8	850 479 C11	TUBE ASSY, CLAM CLOSE FRONT
9	850 477 C11	TUBE ASSY, CLAM OPEN FRONT
10	852 477 C1 180 078 120 214	CLAMP, DUAL TUBE -5- BOLT, 5/16-18 X 7/8 HEX-HD -5- WASHER, 5/16 LOCK -5-
11	140 571 180 056 120 214 619 855 R1	CLAMP, SINGLE TUBE BOLT, 5/16-18 X 3/8 HEX-HD WASHER, 5/16 LOCK WASHER, .344 X .750 X .056 FLAT -2-

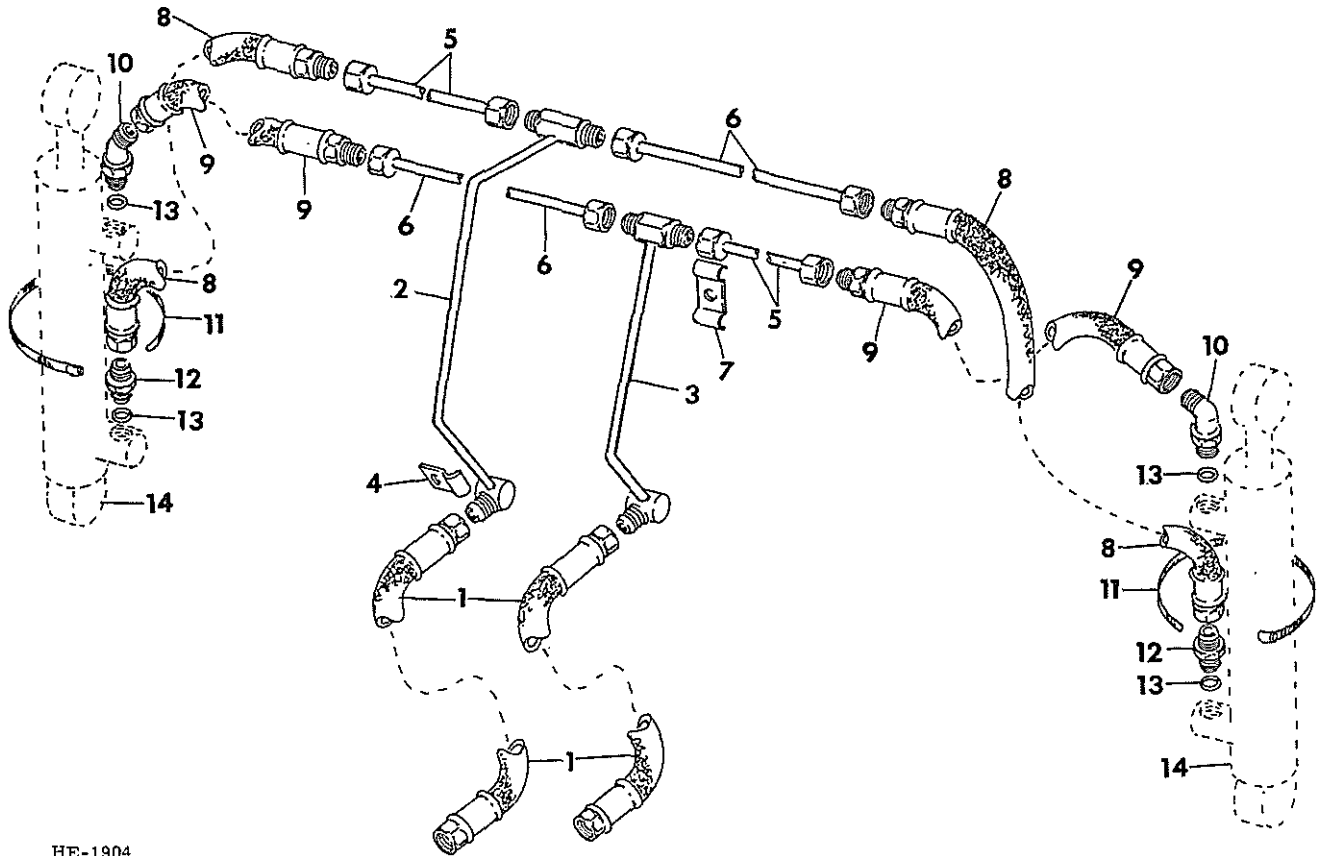


REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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BOOM HYDRAULICS - OPEN AND CLOSE --CONTINUED
FOR 75 LOADER WITH MULTI-PURPOSE
BUCKET OR LOG GRAPPLE

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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BUCKET HYDRAULICS - OPEN AND CLOSE
FOR 75 LOADER MULTI-PURPOSE BUCKET



HE-1904

1	850 573 C91	HOSE ASSY, BUCKET TO BOOM JUMPER -2-
2	850 651 C11	TUBE ASSY, BUCKET - CLAM CLOSE
3	850 650 C11	TUBE ASSY, BUCKET - CLAM OPEN
4	850 652 C1	CLAMP, SINGLE TUBE -2-
	180 120	BOLT, 3/8-16 X 3/4 HEX-HD -2-
	120 382	WASHER, 3/8 LOCK -2-
	619 856 R1	WASHER, .406 X 1.000 X .056 FLAT -2-
5	850 647 C11	TUBE ASSY, BUCKET CROSS SHORT -2-
6	850 648 C11	TUBE ASSY, BUCKET CROSS LONG -2-
7	850 649 C1	CLAMP, DUAL TUBE -2-
	120 377	NUT, 3/8-16 HEX -2-
	120 382	WASHER, 3/8 LOCK -2-
8	675 297 R92	HOSE ASSY, CYLINDER REAR PORT -2-
9	850 572 C91	HOSE ASSY, CYLINDER FRONT PORT -2-
10	9 411 105	ELBOW, 3/4-16 HYD 37 DEG FLARED -2- TUBE ADJ STR THRD 45 DEG W/ NUT & BACK-UP WASHER C-Z
11	279 029 R91	CLAMP, HOSE -2-
12	9 410 203	CONNECTOR, 3/4-16 HYD 37 DEG FLARED -2- TUBE SHORT SWIVEL C-Z

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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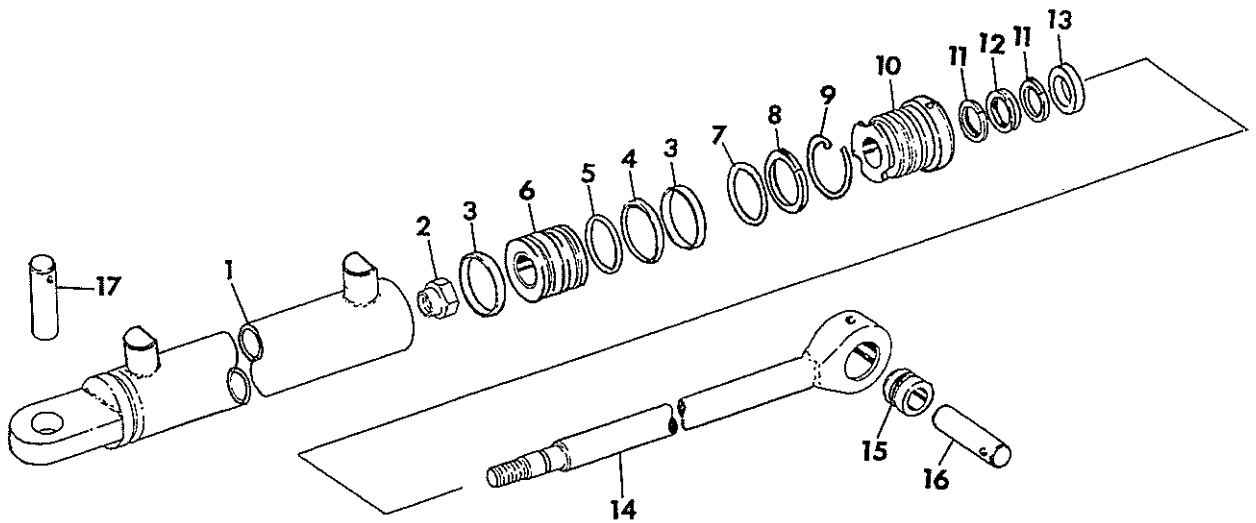
BUCKET HYDRAULICS - OPEN AND CLOSE -CONTINUED
FOR 75 LOADER MULTI-PURPOSE BUCKET

13	570 828 R1	O RING -4-
14	548 456 R91	CYLINDER ASSY, HYDRAULIC CLAM -2- FOR COMPONENTS SEE LISTING -CLAM CYLINDER- THIS SECTION



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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HYDRAULIC CLAM CYLINDER
2-1/2 X 9.8 STROKE
FOR 75 LOADER



HE-806A

	548 456 R91	CYLINDER ASSY, HYDRAULIC CLAM -2- COMPOSED OF ALL PARTS EXCEPT NOS 16 AND 17
1	548 547 R1	BODY ASSY, CYLINDER
2	24 568 R1	NUT, 1-14 HEX-LOCK
3	379 960 R1	BEARING, PISTON RING -2-
4	379 959 R1	RING, PISTON SEAL
5	379 961 R1	O-RING, PISTON SEAL
6	548 558 R1	PISTON
7	21 255 R1	O RING
8	378 733 R1	WASHER, FRONT HEAD BACK-UP
9	385 133 R1	RING, RETAINING
10	548 557 R1	HEAD, FRONT
11	403 622 R1	WASHER, ROD BACK-UP -2-
12	400 744 R1	RING, QUAD
13	403 460 R1	SEAL, WIPER ROD
14	548 553 R91	ROD ASSY, PISTON INCLUDES 1-548 556 R1 BUSHING FITTING, 1/4 STR DRIVE LUB -2-
15	548 556 R1	BUSHING



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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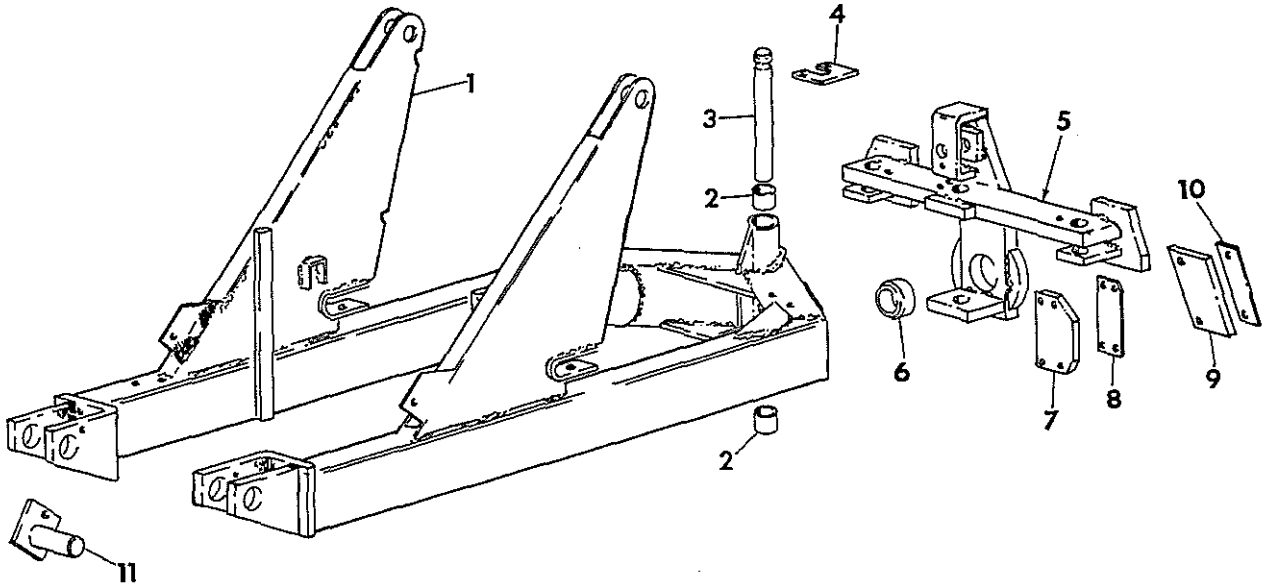
HYDRAULIC CLAM CYLINDER -CONTINUED
2-1/2 X 9.8 STROKE
FOR 75 LOADER

16	850 566 C1	SHAFT, CYLINDER UPPER -2-
	932 357 R1	PIN, 5/16 X 3 HEADED - DLD -2-
	103 384	PIN, 1/8 X 3/4 COTTER -2-
17	850 552 C1	SHAFT, CYLINDER LOWER -2-
	478 043 R1	PIN, 5/16 X 2-3/8 HEADED - DLD -2-
	103 384	PIN, 1/8 X 3/4 COTTER -2-
	471 270 R95	KIT, HYD CYL SERVICE CONSISTS OF-
		1-O RING 21 255 R1
		1-RING 385 133 R1
		1-WASHER 378 733 R1
		2-WASHER 403 622 R1
		1-RING, QUAD 400 744 R1
		1-RING 403 460 R1
		1-SEAL 379 959 R1
		2-BEARING 379 960 R1
		1-O RING 379 961 R1
		1-O RING 253 070 R1



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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BULLGRADER FRAMES - LIFT, -C- & ANGLING
FOR 510 AND 511 GRADERS



HE-1906

1	852 551 C91	FRAME ASSY, C INCLUDES 2-468 280 R1 BUSHINGS
2	468 280 R1	BUSHING, ANGLING FRAME PIVOT -2-
3	677 950 R2	ROD, ANGLING FRAME PIVOT
4	850 582 C1	BAR, RETAINER
	180 124	BOLT, 3/8-16 X 1-1/4 HEX-HD -2-
	120 382	WASHER, 3/8 MED LOCK -2-
5	852 630 C91	FRAME ASSY, ANGLING INCLUDES 850 214 C1 BUSHING
6	850 214 C1	BUSHING, BLADE TILT
7	677 418 R1	BAR, TILT PIVOT CLAMP -2-
8	677 419 R1	SHIM, TILT PIVOT CLAMP BAR -2-
	271 546	BOLT, 5/8-11 X 1-1/4 HEX-HD -8-
9	852 575 C1	BAR, TILT GUIDE CLAMP -2-
	271 769	BOLT, 3/4-10 X 1-3/4 HEX-HD -4-
	467 750 R1	WASHER, .781 X 1.500 X .105 FLAT -4-
10	852 576 C1	SHIM, TILT GUIDE CLAMP BAR -2-
11	852 591 C1	PIN ASSY, C FRAME PIVOT -2-
	24 859 R1	BOLT, 1/2-13 X 3/4 HEX-HD TYPE 8 -2-



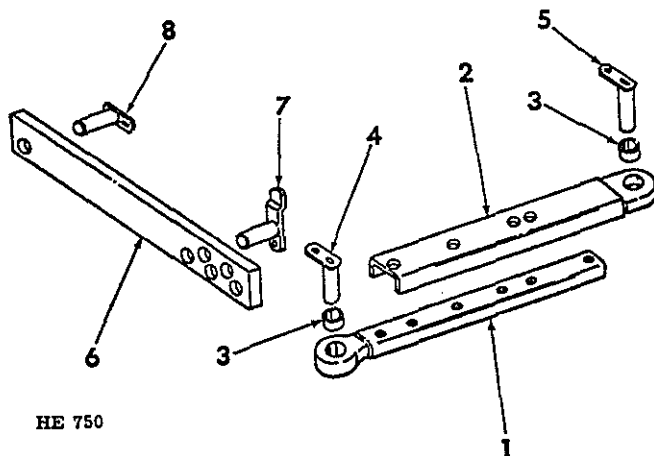
REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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BULLGRADER FRAMES - LIFT, -C- & ANGLING -CONTINUED
FOR 510 AND 511 GRADERS



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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BLADE MANUAL ANGLE & TILT FOR 511 GRADERS



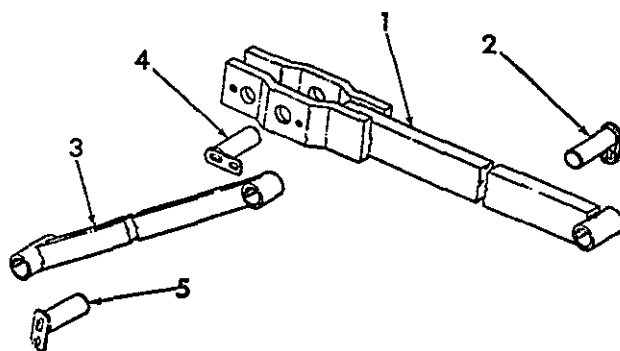
HE 750

1	677 742 R11	STRUT ASSY, ANGLING FRONT -2- INCLUDES -404 974R1-BUSHING BOLT, 3/4-10 X 2-1/2 HEX-HD -4- NUT, 3/4-10 HEX -4-	
	271 773		
	220 086		
2	677 743 R11	STRUT ASSY, ANGLING REAR -2- INCLUDES -404 974R1-BUSHING	
3	404 974 R1	BUSHING, STRUT -4-	
4	677 745 R1	PIN ASSY, ANGLE STRUT - FRONT -2-	
	850 680 C1	SCREW, 3/8-16 X 7/8 HEX WASHER-HD -2 SELF-TAPPING	
	120 382	WASHER, 3/8 LOCK -2-	
	619 856 R1	WASHER, .406 X 1.000 X .056 FLAT -2-	
5	677 473 R1	PIN ASSY, ANGLE STRUT - REAR -2-	
	180 121	BOLT, 3/8-16 X 7/8 HEX-HD -2-	
	120 382	WASHER, 3/8 LOCK -2-	
	619 856 R1	WASHER, .406 X 1.000 X .056 FLAT -2-	
6	677 747 R1	BAR, TILT STRUT	
7	677 783 R1	PIN ASSY, TILT STRUT LH	
	452 805 R1	SPACER, BOLT -2-	
	850 680 C1	SCREW, 3/8-16 X 7/8 HEX WASHER-HD SELF-TAPPING	
	120 382	WASHER, 3/8 LOCK	
	619 856 R1	WASHER, .406 X 1.000 X .056 FLAT	
8	677 745 R1	PIN ASSY, TILT STRUT RH	
	452 805 R1	SPACER, BOLT	
	850 680 C1	SCREW, 3/8-16 X 7/8 HEX WASHER-HD SELF-TAPPING	
	120 382	WASHER, 3/8 LOCK	
	619 856 R1	WASHER, .406 X 1.000 X .056 FLAT	



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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BULLGRADER LIFT & RADIUS STRUTS FOR 512 GRADERS



HE 745

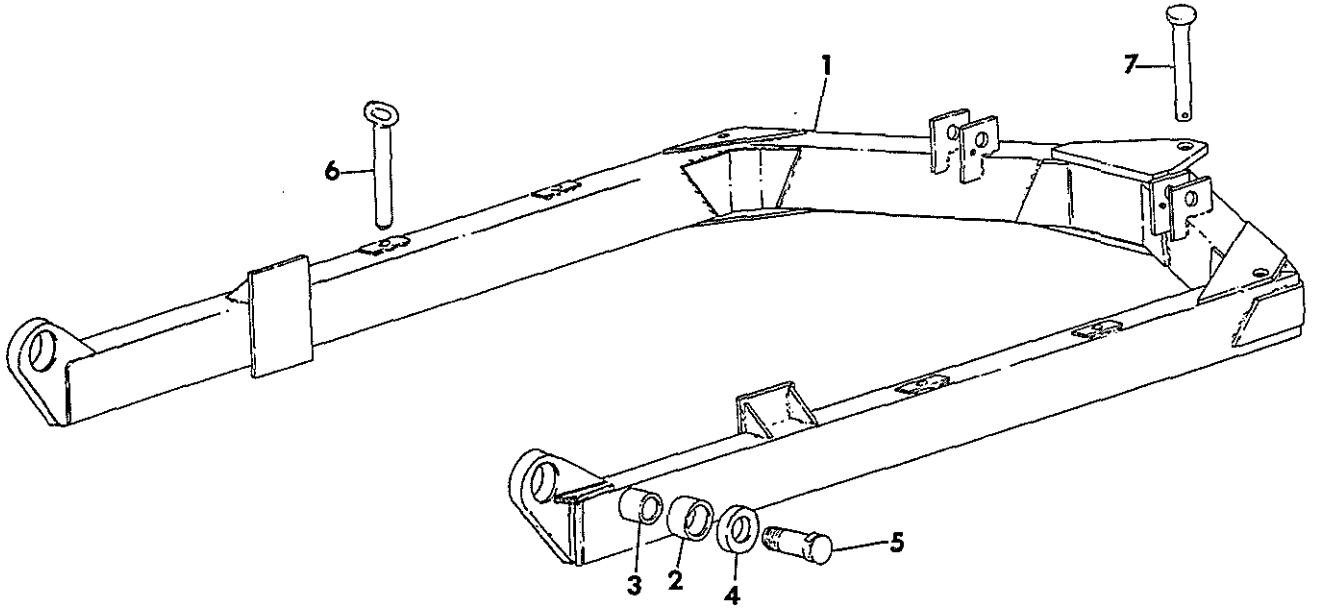
1	677 891 R1	ARM ASSY, LIFT -2-	
2	675 365 R11	PIN ASSY, LIFT ARM -2-	
	452 805 R1	SPACER, BOLT -2-	
	850 680 C1	SCREW, 3/8-16 X 7/8 HEX WASHER-HD -2 SELF-TAPPING	
	120 382	WASHER, 3/8 LOCK -2-	
	619 856 R1	WASHER, .406 X 1.000 X .056 FLAT -2-	
3	677 893 R1	ARM ASSY, RADIUS -2-	
4	675 367 R11	PIN ASSY, RADIUS ARM FRONT -2-	
5	675 364 R11	PIN ASSY, RADIUS ARM REAR -2-	
	452 805 R1	SPACER, BOLT -4-	
	850 680 C1	SCREW, 3/8-16 X 7/8 HEX WASHER-HD -4 SELF-TAPPING	
	120 382	WASHER, 3/8 LOCK -4-	
	619 856 R1	WASHER, .406 X 1.000 X .056 FLAT -4-	

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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BULLGRADER -C- FRAME FOR 512 GRADERS

BULLGRADER -C- FRAME -CONTINUED FOR 512 GRADERS



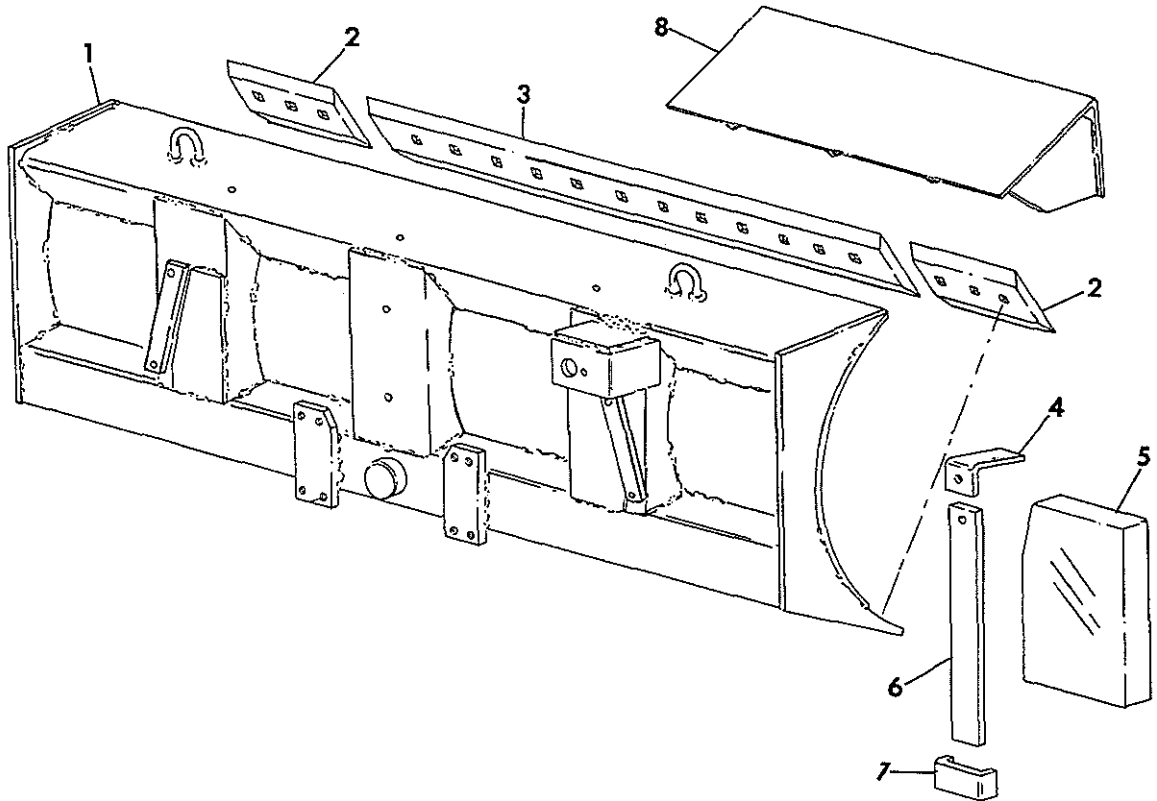
HE-746A

- 1 852 607 C91 FRAME ASSY, BULLGRADER -C- INCLUDES 2 - 852 611 C1 BUSHINGS
- 2 852 611 C1 BUSHING, C FRAME PIVOT OUTER -2-
- 3 852 612 C1 BUSHING, C FRAME PIVOT INNER -2-
- 4 852 655 C1 SPACER, C FRAME PIVOT OUTER -2-
- 5 25 987 R1 BOLT, 1-1/2-12 X 3-1/2 HEX-HD -2- C FRAME PIVOT BOLT
- 6 677 896 R1 PIN ASSY, PUSH ARM -2-
- 7 677 895 R1 PIN, BLADE PIVOT
119 202 PIN, 3/8 X 2-1/4 COTTER



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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84 INCH BULLGRADER BLADE
FOR 510 AND 511 GRADERS



HE-755B

1	852 542 C91	BLADE ASSY, BULLGRADER
2	677 397 R1 292 845 R1 220 086	BLADE, CUTTING END -2- BOLT, 3/4-10 X 2 NO 3 PLOW -6- NUT, 3/4-10 HEX -6-
3	677 396 R1 292 845 R1 220 086	BLADE, CUTTING CENTRE BOLT, 3/4-10 X 2 NO 3 PLOW -10- NUT, 3/4-10 HEX -10-
4	850 053 C1	ANGLE, COUNTERWEIGHT RETAINING -2- -TO BE WELDED- FOR USE WITH BACKHOE
5	850 054 C1	PLATE, BLADE COUNTERWEIGHT -2- FOR USE WITH BACKHOE
6	676 269 R1 180 177 120 378	BAR, COUNTERWEIGHT RETAINING -2- FOR USE WITH BACKHOE BOLT, 1/2-13 X 1-1/2 HEX-HD -2- NUT, 1/2-13 HEX -2-
7	676 276 R1	CHANNEL, COUNTERWEIGHT RETAINING -2- -TO BE WELDED- FOR USE WITH BACKHOE
8	850 412 C1	SPILLBOARD ASSY, BLADE -TO BE WELDED-



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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84 INCH BULLGRADER BLADE -CONTINUED
FOR 510 AND 511 GRADERS



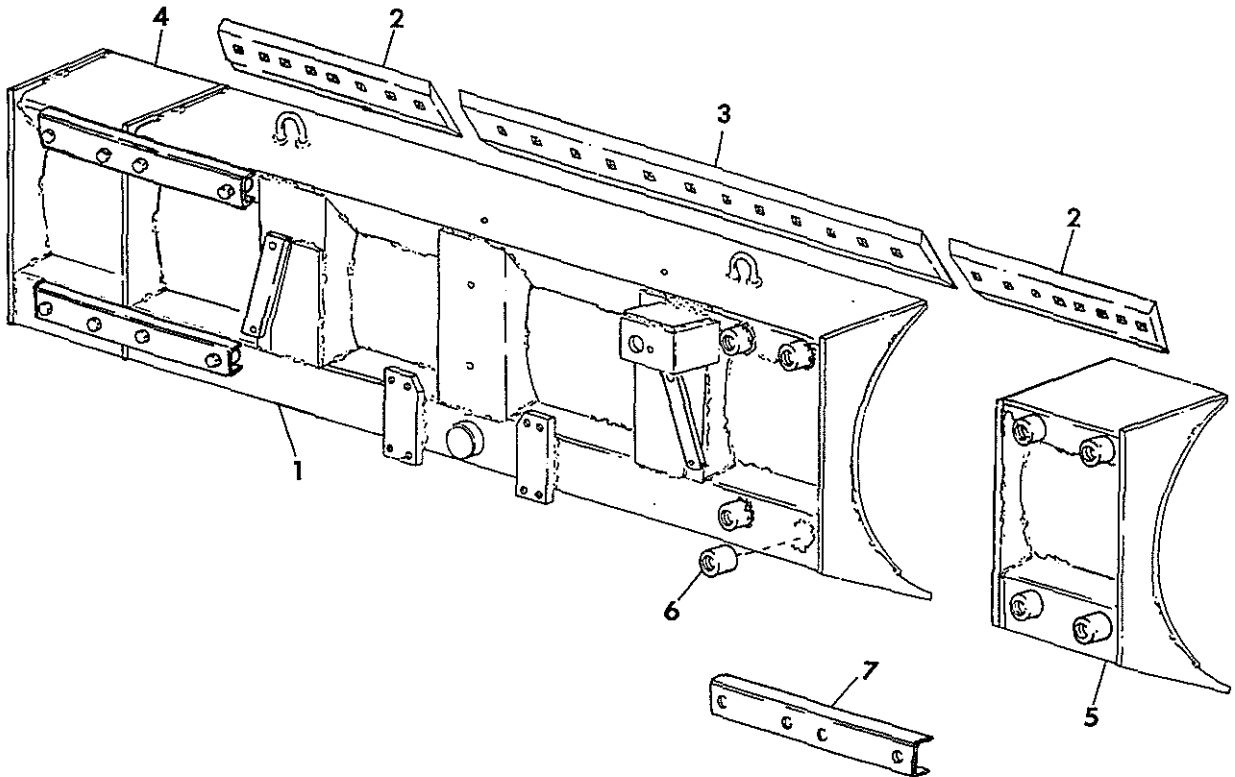
REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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105 INCH BULLGRADER BLADE
FOR 510 & 511 GRADERS W/68 INCH GAUGE
WIDTH TRACTORS ONLY



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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105 INCH BULLGRADER BLADE -CONTINUED
FOR 510 & 511 GRADERS W/68 INCH GAUGE
WIDTH TRACTORS ONLY



HE-755C

1	852 545 C91	BLADE ASSY, BULLGRADER INCLUDES 8 - 850 698 C1 NUTS
2	850 697 C1 292 845 R1 220 086	BLADE, CUTTING END -2- BOLT, 3/4-10 X 2 NO 3 PLOW -14- NUT, 3/4-10 HEX -14-
3	677 396 R1 292 845 R1 220 086	BLADE, CUTTING CENTRE BOLT, 3/4-10 X 2 NO 3 PLOW -10- NUT, 3/4-10 HEX -10-
4	850 701 C1	EXTENSION ASSY, BLADE LH INCLUDES 4-850 698 C1 NUTS
5	850 702 C1	EXTENSION ASSY, BLADE RH INCLUDES 4-850 698 C1 NUTS
6	850 698 C1	NUT, EXTENSION CHANNEL MTG -8- TO BE WELDED
7	850 699 C1 21 204 R1	CHANNEL, EXTENSION CONNECTING -4- BOLT, 3/4-10 X 1-3/4 HEX-HD -16-



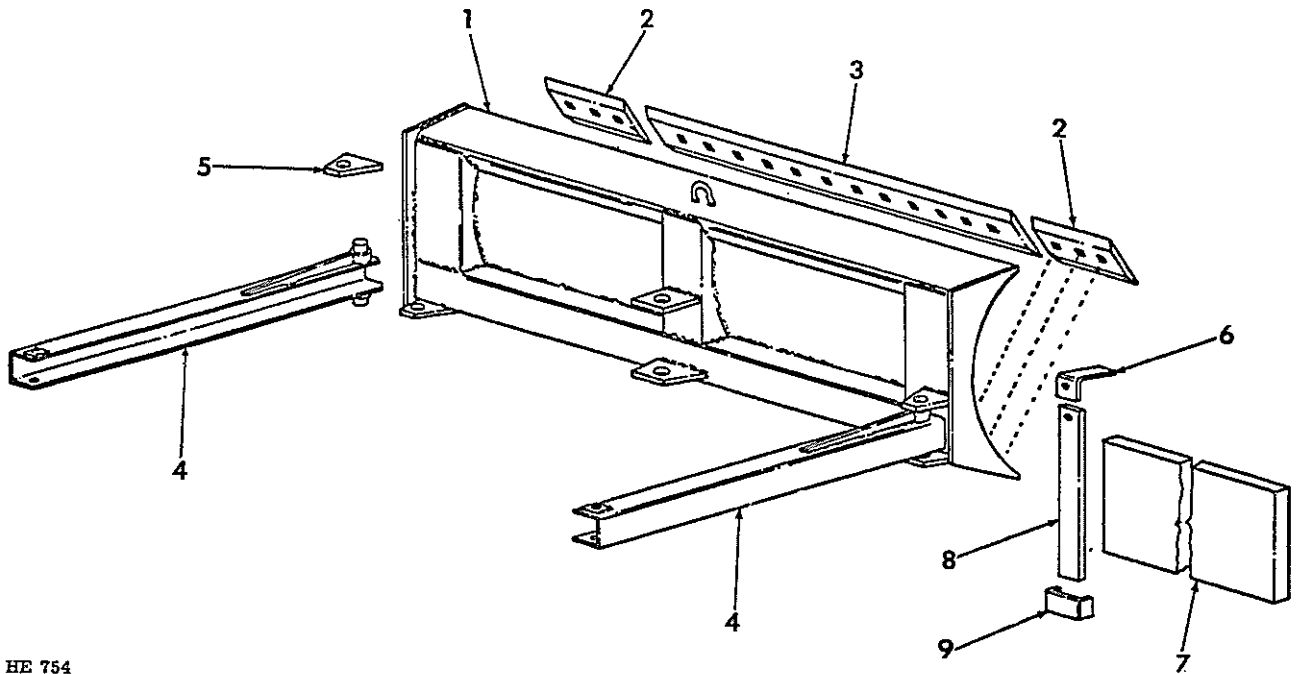
REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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93 INCH BULLGRADER BLADE
FOR 512 GRADERS



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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93 INCH BULLGRADER BLADE -CONTINUED
FOR 512 GRADERS



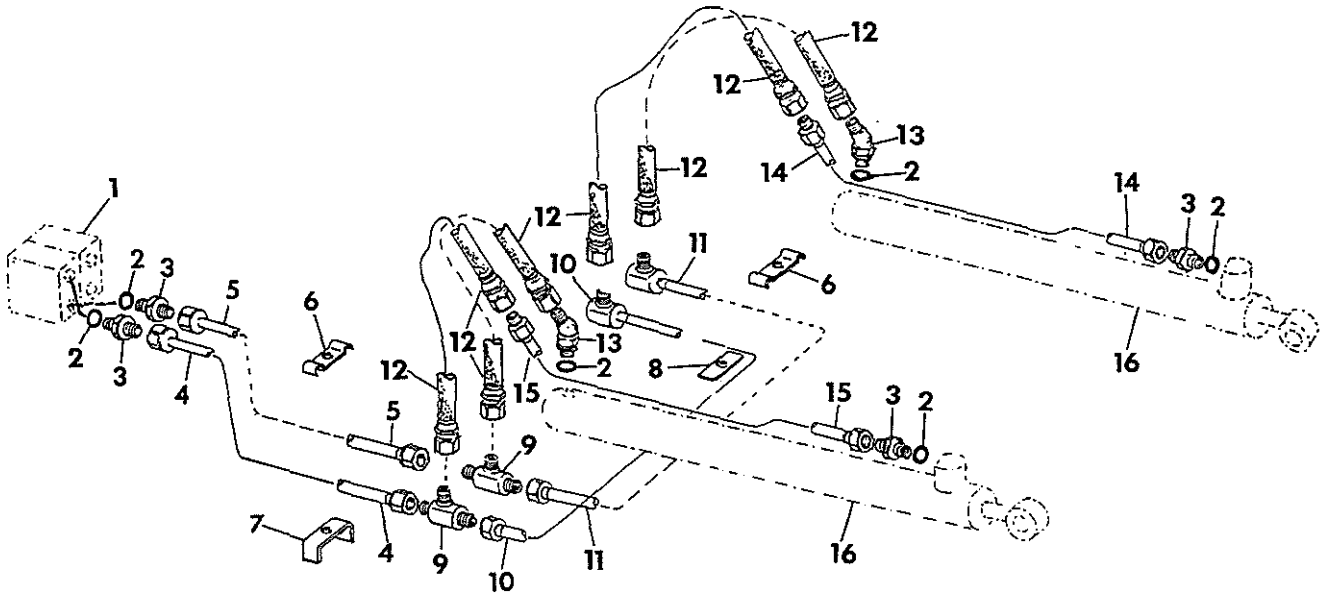
HE 754

1	677 425 R91	BLADE ASSY, BULLGRADER LESS PUSH ARMS
2	677 397 R1 292 845 R1 220 086	BLADE, CUTTING END -2- BOLT, 3/4-10 X 2 NO 3 PLOW -6- NUT, 3/4-10 HEX -6-
3	677 423 R1 292 845 R1 220 086	BLADE, CUTTING CENTRE BOLT, 3/4-10 X 2 NO. 3 PLOW -12- NUT, 3/4-10 HEX -12-
4	677 438 R1	ARM ASSY, BLADE PUSH -2-
5	677 437 R1	BAR, PUSH ARM PIVOT UPPER -2- -TO BE WELDED-
6	676 267 R1	ANGLE, COUNTERWEIGHT RETAINING -4- -TO BE WELDED- FOR USE WITH BACKHOE
7	676 266 R1	PLATE, BLADE COUNTERWEIGHT -2- FOR USE WITH BACKHOE
8	676 269 R1 180 177 120 378	BAR, COUNTERWEIGHT RETAINING -4- FOR USE WITH BACKHOE BOLT, 1/2-13 X 1-1/2 HEX-HD -4- NUT, 1/2-13 HEX -4-
9	676 268 R1	CHANNEL, COUNTERWEIGHT RETAINING -4- -TO BE WELDED- FOR USE WITH BACKHOE



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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LIFT HYDRAULICS - RAISE AND LOWER
FOR 510,511 AND 512 GRADERS



HE-813A

1		VALVE, HYDRAULIC CONTROL REFER TO - HYDRAULICS - SECTION 10
2	570 828 R1	O-RING -6-
3	9 410 203	CONNECTOR, 3/4-16 HYD 37 DEG FLARED -4- TUBE SHORT SWIVEL C-2
4	852 596 C1	TUBE ASSY, LIFT CYL RAISE
5	852 595 C1	TUBE ASSY, LIFT CYL LWR
6	852 598 C1	CLAMP, DUAL TUBE -2-
7	852 599 C1	CHANNEL, CLAMP SUPPORT
	180 132	BOLT, 3/8-16 X 2-1/4 HEX-HD
	120 377	NUT, 3/8-16 HEX
	120 382	WASHER, 3/8 LOCK
8	852 600 C1	BAR, CLAMP SUPPORT
	180 124	BOLT, 3/8-16 X 1-1/4 HEX-HD CLAMP & BAR TO RH FENDER SUPPORT PLATE
	120 377	NUT, 3/8-16 HEX
	120 382	WASHER, 3/8 LOCK
9	9 402 982	TEE, 3/4-16 HYD 37 DEG FLARED -2- TUBE THREE WAY C-2
10	852 597 C1	TUBE ASSY, LIFT CYL RAISE CROSS-OVER
11	852 594 C1	TUBE ASSY, LIFT CYL LOWER CROSS-OVER
12	675 846 R91	HOSE ASSY, LIFT CYL RAISE/LWR -4-
13	9 411 105	ELBOW, 3/4-16 HYD 37 DEG FLAR TUBE -2- ADJ STR THRD 45 DEG W/NUT & BACK-UP WASHER C-2
14	677 480 R11	TUBE ASSY, LH LIFT CYL RAISE PORT
15	677 481 R11	TUBE ASSY, RH LIFT CYL RAISE PORT



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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LIFT HYDRAULICS - RAISE AND LOWER -CONTINUED
FOR 510,511 AND 512 GRADERS

16	404 168 R91	CYLINDER ASSY, LIFT -2- 2-1/2 X 19.50 STROKE OPTIONAL W/ 57 319 C91, CYLINDER FOR COMPONENTS SEE LISTING -LIFT CYLINDER- THIS SECTION
16	57 319 C91	CYLINDER ASSY, LIFT -2- 3 X 19.50 STROKE OPTIONAL W/ 404 168 R91 NOT FOR USE W/ 68 INCH GAUGE TRACTORS NOT FOR USE W/ 512 GRADER TRACTORS FOR COMPONENTS SEE LISTING -LIFT CYLINDER- THIS SECTION



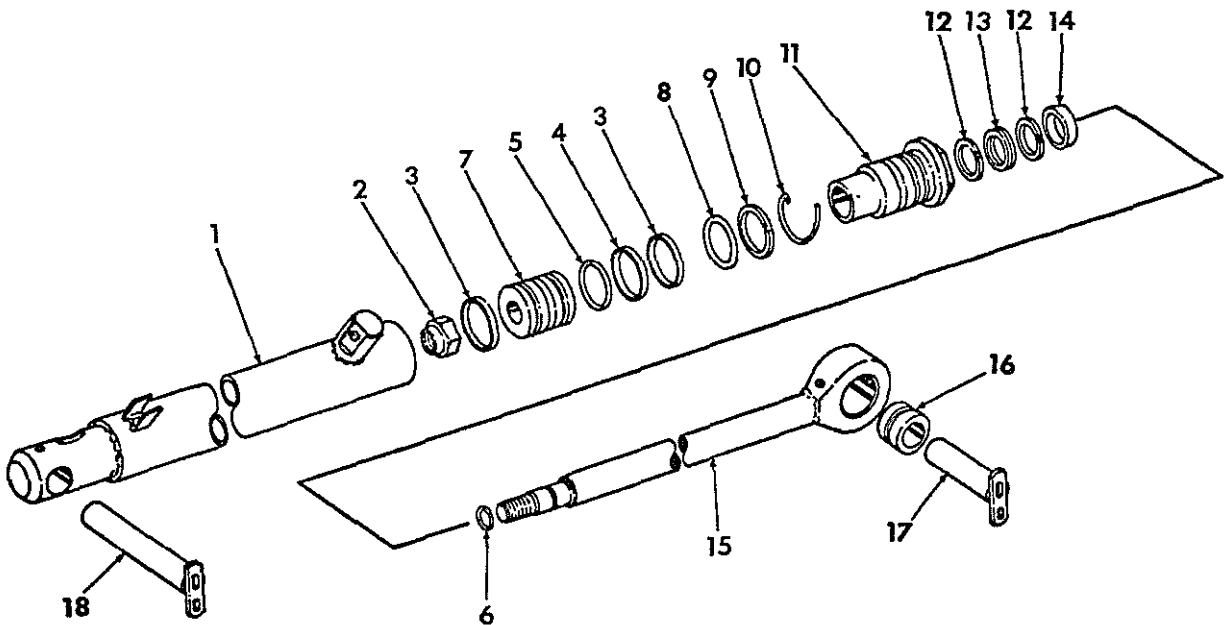
MOUNTED EQUIPMENT

-21-

SECTION 17

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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HYDRAULIC LIFT CYLINDER
2-1/2 X 19.50 STROKE
FOR 510,511 AND 512 GRADERS



HE-805

	404 168 R91	CYLINDER ASSY, HYDRAULIC LIFT -2- COMPOSED OF ALL PARTS EXCEPT NOS 17 AND 18
1	404 992 R1 273 360	BODY ASSY, CYLINDER FITTING, 1/4 DRIVE TYPE ANGLE LUB -2
2	9 416 471	NUT, 1-14 HEX-LOCK
3	379 960 R1	BEARING, PISTON RING -2-
4	379 959 R1	RING, PISTON SEAL
5	379 961 R1	O-RING, PISTON SEAL
6	253 070 R1	O-RING, PISTON ROD
7	384 129 R2	PISTON
8	21 255 R1	O RING
9	378 733 R1	WASHER, FRONT HEAD BACK-UP
10	385 133 R1	RING, RETAINING
11	378 536 R2	HEAD, FRONT
12	403 622 R1	WASHER, ROD BACK-UP -2-
13	400 744 R1	RING, QUAD
14	403 460 R1	SEAL, WIPER ROD
15	404 981 R1 109 461	ROD ASSY, PISTON INCLUDES 309 672R1 BUSHING FITTING, 1/8-27 NPT STR LUB -2-
16	309 672 R1	BUSHING



MOUNTED EQUIPMENT

-21-

SECTION 17

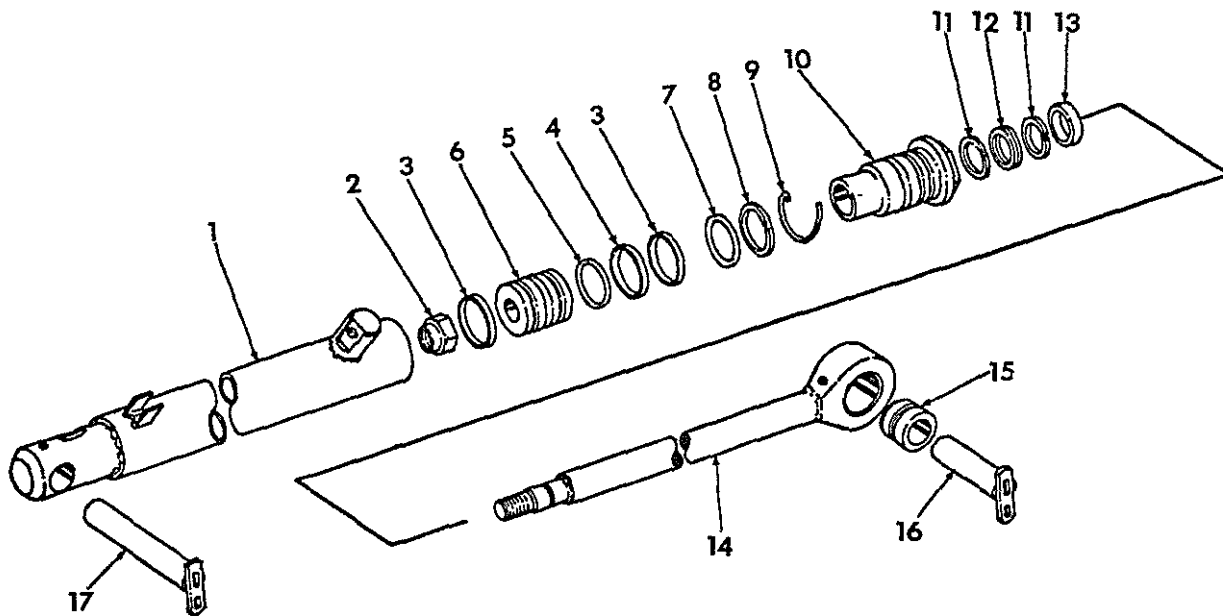
REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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HYDRAULIC LIFT CYLINDER -CONTINUED
2-1/2 X 19.50 STROKE
FOR 510,511 AND 512 GRADERS

17	677 473 R1	PIN ASSY, LIFT CYL FRONT -2-
18	675 362 R11	PIN ASSY, LIFT CYL REAR -2-
	452 805 R1	SPACER, BOLT -4-
	850 680 C1	SCREW, 3/8-16 X 7/8 HEX WASHER-HD -4 SELF-TAPPING
	120 382	WASHER, 3/8 LOCK -4-
	619 856 R1	WASHER, .406 X 1.000 X .056 FLAT -4-
	471 270 R95	KIT, HYD CYL SERVICE CONSISTS OF-
		1-O RING 21 255 R1
		1-RING 385 133 R1
		1-WASHER 378 733 R1
		2-WASHER 403 622 R1
		1-RING, QUAD 400 744 R1
		1-RING 403 460 R1
		1-SEAL 379 959 R1
		2-BEARING 379 960 R1
		1-O RING 379 961 R1
		1-O RING 253 070 R1

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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HYDRAULIC LIFT CYLINDER
 3 X 19.50 STROKE
 FOR 510 AND 511 GRADERS
 NOT FOR USE W/68 INCH GAUGE WIDTH



HE-805

	57 319 C91	CYLINDER ASSY, HYDRAULIC LIFT -2- COMPOSED OF ALL PARTS EXCEPT NOS. 16 AND 17
1	57 338 C1 273 360	BODY ASSY, CYLINDER FITTING, 1/4 DRIVE TYPE ANGLE LUB -2
2	359 798 C1	NUT, 1-14 HEX LOCK CAD TYPE 8
3	387 374 R1	RING, PISTON BRG -2-
4	387 373 R1	RING, PISTON SEAL
5	383 017 R1	O-RING, PISTON SEAL
6	404 987 R2	PISTON
7	381 871 R1	O-RING, FRONT HEAD
8	387 370 R1	WASHER, FRONT HEAD BACK-UP
9	381 873 R1	RING, RETAINING
10	404 993 R1	HEAD, FRONT
11	403 622 R1	WASHER, ROD BACK-UP -2-
12	400 744 R1	RING, QUAD
13	403 460 R1	SEAL, WIPER ROD
14	57 341 C1 109 461	ROD ASSY, PISTON INCLUDES - 309672R1 - BUSHING FITTING, 1/8-27 NPT STR LUB -2-
15	309 672 R1	BUSHING, ROD END

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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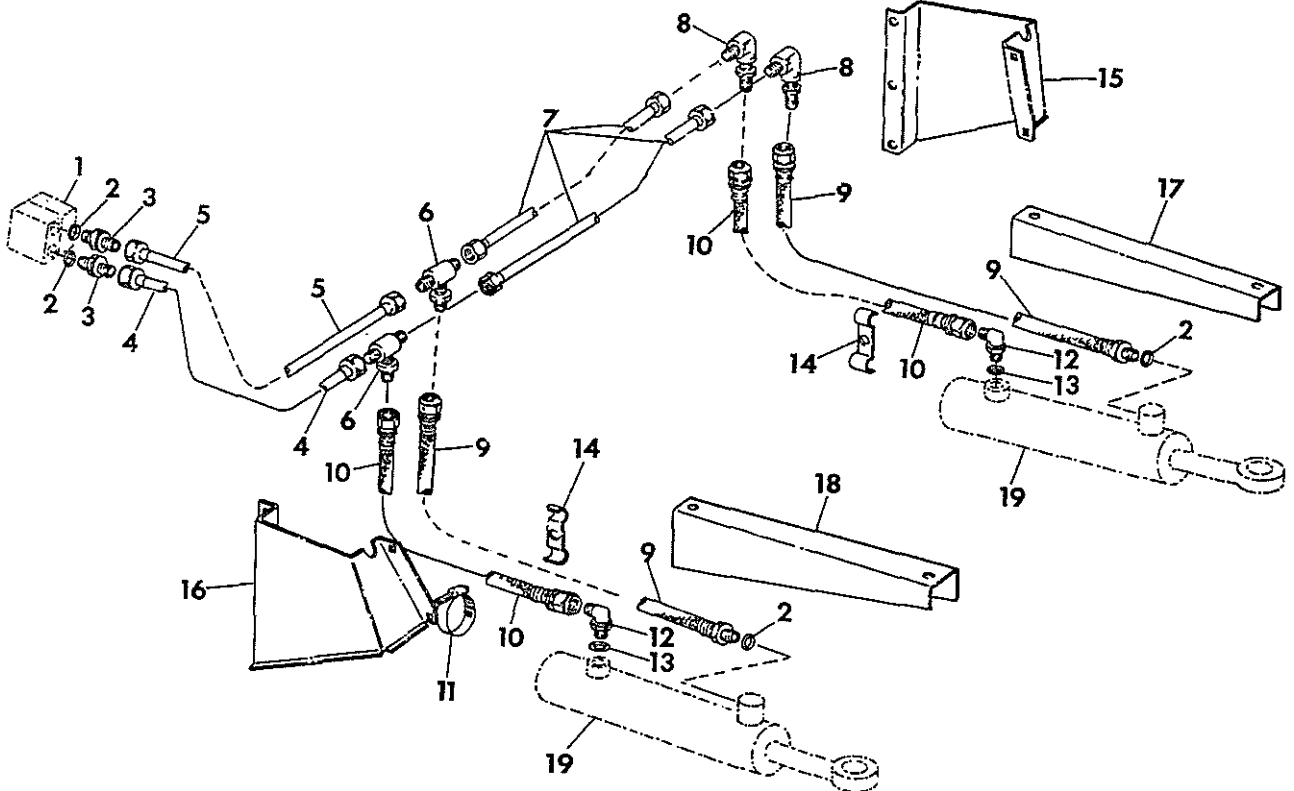
HYDRAULIC LIFT CYLINDER -CONTINUED
 3 X 19.50 STROKE
 FOR 510 AND 511 GRADERS
 NOT FOR USE W/68 INCH GAUGE WIDTH

16	677 473 R1	PIN ASSY, LIFT CYL FRONT -2-
17	675 362 R11	PIN ASSY, LIFT CYL REAR -2-
	452 805 R1	SPACER, BOLT -4-
	850 680 C1	SCREW, 3/8-16 X 7/8 HEX WASHER-HD -4 SELF-TAPPING
	120 382	WASHER, 3/8 LOCK -4-
	619 856 R1	WASHER, .406 X 1.000 X .056 FLAT -4-
	406 491 R91	KIT, HYD CYL SERVICE CONSISTS OF-
		1-RING 381 873 R1
		2-WASHER 403 622 R1
		1-RING, QUAD 400 744 R1
		1-RING 403 460 R1
		1-O RING 253 070 R1
		1-SEAL 387 373 R1
		1-O RING 383 017 R1
		2-RING 387 374 R1
		1-O RING 381 871 R1
		1-WASHER 387 370 R1



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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ANGLE HYDRAULICS - LEFT AND RIGHT
FOR 510 GRADERS



HE 825B

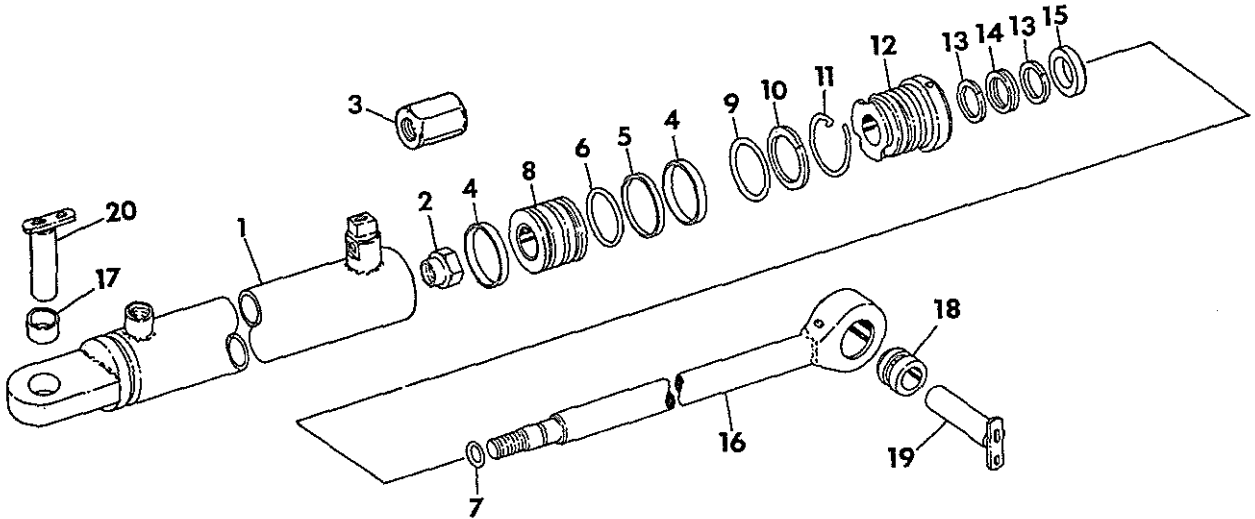
1		VALVE, HYDRAULIC CONTROL REFER TO - HYDRAULICS - SECTION 10
2	570 828 R1	O-RING -4-
3	9 410 203	CONNECTOR, 3/4-16 HYD 37 DEG FLARED -2- TUBE SHORT SWIVEL C-Z
4	852 603 C1	TUBE ASSY, ANGLE LEFT
5	852 602 C1	TUBE ASSY, ANGLE RIGHT
6	852 606 C91	TEE, 3/4-16 HYD 37 DEG FLARED -2- TUBE THREE WAY BULKHEAD LESS LOCK NUT
9	403 294	NUT, BULKHEAD TEE -2-
7	852 601 C1	TUBE ASSY, ANGLE CROSS-OVER -2-
8	154 514 C91	ELBOW, 3/4-16 HYD 37 DEG FLARED -2- TUBE 90 DEG BULKHEAD W/LOCK NUT C-Z
9	852 615 C91	HOSE ASSY, ANGLE CYL FRONT PORT -2-
10	852 614 C91	HOSE ASSY, ANGLE CYL REAR PORT -2-
11	995 220 R1	CLAMP, HOSE
12	936 450 R91	ELBOW, 3/4-16 HYD, 37 DEG FLARE TUBE -2 TUBE TO 7/8-14 O-RING BOSS ADJ STR THRD 90 DEG W/NUT & BACK-UP WASHER C-Z
13	364 885 R1	O-RING -2-

14	850 646 C2	CLAMP DUAL HOSE -2-
	180 079	BOLT, 5/16-18 X 1 HEX HD FOR LH CLAMP
	180 087	BOLT, 5/16-18 X 2 HEX-HD FOR RH CLAMP
	120 376	NUT, 5/16-18 HEX -2-
	120 214	WASHER, 5/16 LOCK -2-
15	677 750 R1	GUARD, ANGLE CYL REAR HOSE LH
16	677 751 R1	GUARD, ANGLE CYL REAR HOSE RH
	495 967 R1	BOLT, 3/8-16 X 1 CARRIAGE -2-
	180 122	BOLT, 3/8-16 X 1 HEX-HD -6-
	120 377	NUT, 3/8-16 HEX -2-
	120 382	WASHER, 3/8 LOCK -8-
17	677 749 R1	GUARD, ANGLE CYL FRONT HOSE LH
18	850 638 C1	GUARD, ANGLE CYL FRONT HOSE RH
	180 166	BOLT, 1/2-13 X 1/2 HEX-HD -2-
	20 601 R1	WASHER, .531 X 1.250 X .105 FLAT -2-
19	404 166 R91	CYLINDER ASSY, ANGLE -2- 3 X 13.50 STROKE FOR TRACTORS WITH 50 INCH GAUGE FOR COMPONENTS SEE LISTING -ANGLE CYLINDER- THIS SECTION
19	850 722 C91	CYLINDER ASSY, ANGLE -2- 3 X 11.50 STROKE FOR TRACTORS WITH 68 INCH GAUGE FOR COMPONENTS SEE LISTING -ANGLE CYLINDER- THIS SECTION



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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HYDRAULIC ANGLE CYLINDERS
3 X 11.50 STROKE AND
3 X 13.50 STROKE
FOR 510 GRADERS



HE-820A

404 166 R91	CYLINDER ASSY, HYDRAULIC ANGLE -2- 3 I.D. X 13.50 STROKE FOR TRACTORS WITH 50 INCH GAUGE COMPOSED OF ALL PARTS EXCEPT NOS. 3, 19 AND 20
850 722 C91	CYLINDER ASSY, HYDRAULIC ANGLE -2- 3 I.D. X 11.50 STROKE FOR TRACTORS WITH 68 INCH GAUGE COMPOSED OF ALL PARTS EXCEPT NOS. 2, 19 AND 20
1 404 994 R1	BODY ASSY, CYLINDER INCLUDES 404 974R1 BUSHING
2 9 416 471	NUT, 1-14 HEX-LOCK IN CYLINDER - 404 166 R91 - ONLY
3 850 707 C1	NUT, PISTON ROD IN CYLINDER - 850722C91 - ONLY
4 387 374 R1	RING, PISTON BRG -2-
5 387 373 R1	RING, PISTON SEAL
6 383 017 R1	O-RING, PISTON SEAL
7 253 070 R1	O-RING, PISTON ROD
8 404 987 R2	PISTON
9 381 871 R1	O-RING, FRONT HEAD
10 387 370 R1	WASHER, FRONT HEAD BACK-UP
11 381 873 R1	RING, RETAINING
12 404 993 R1	HEAD, FRONT
13 403 622 R1	WASHER, ROD BACK-UP -2-
14 400 744 R1	RING, QUAD



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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HYDRAULIC ANGLE CYLINDERS -CONTINUED
3 X 11.50 STROKE AND
3 X 13.50 STROKE
FOR 510 GRADERS

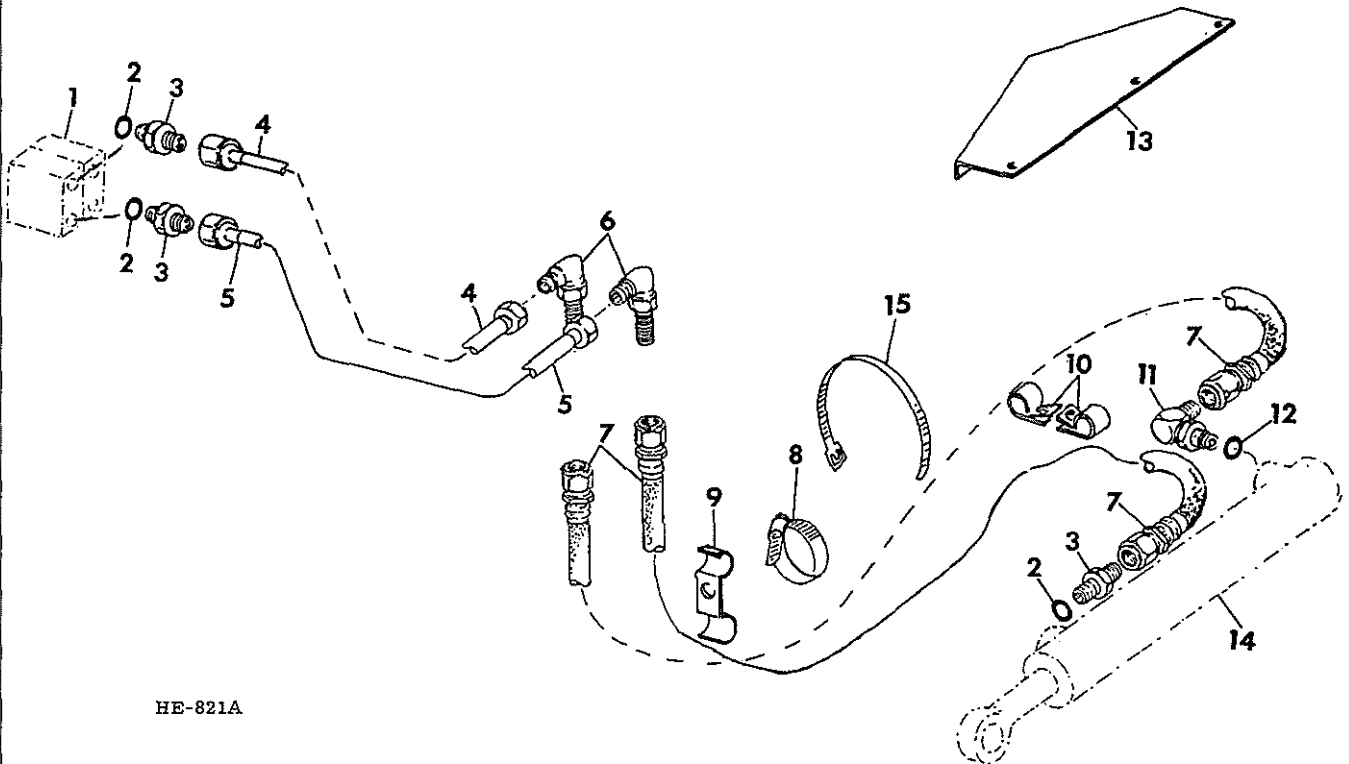
15 403 460 R1	SEAL, WIPER ROD
16 404 983 R1	ROD ASSY, PISTON INCLUDES 309 672R1 BUSHING
109 461	FITTING, 1/8-27 NPT STR LUB -2-
17 404 974 R1	BUSHING, REAR HEAD
18 309 672 R1	BUSHING, ROD END
19 677 745 R1	PIN ASSY, ANGLE CYL FRONT -2-
20 677 473 R1	PIN ASSY, ANGLE CYL REAR -2-
452 805 R1	SPACER, BOLT -4-
850 680 C1	SCREW, 3/8-16 X 7/8 HEX WASHER-HD -2 SELF-TAPPING
180 121	FRONT PIN RETAINING SCREW BOLT, 3/8-16 X 7/8 HEX-HD -2-
120 382	REAR PIN RETAINING BOLT
619 856 R1	WASHER, 3/8 LOCK -4- WASHER, .406 X 1.000 X .056 FLAT -4-
406 491 R91	KIT, HYD CYL SERVICE CONSISTS OF--
	1-RING 381 873 R1
	2-WASHER 403 622 R1
	1-RING, QUAD 400 744 R1
	1-RING 403 460 R1
	1-O RING 253 070 R1
	1-SEAL 387 373 R1
	1-O RING 383 017 R1
	2-RING 387 374 R1
	1-O RING 381 871 R1
	1-WASHER 387 370 R1

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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TILT HYDRAULICS - LEFT AND RIGHT FOR 510 GRADERS

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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TILT HYDRAULICS - LEFT AND RIGHT -CONTINUED FOR 510 GRADERS



HE-821A

- 1 VALVE, HYDRAULIC CONTROL
REFER TO - HYDRAULICS - SECTION 10
- 2 570 828 R1 O-RING -3-
- 3 9 410 203 CONNECTOR, 3/4-16 HYD 37 DEG FLARED -3-
TUBE SHORT SWIVEL C-Z
- 4 852 605 C1 TUBE ASSY, TILT RIGHT
- 5 852 604 C1 TUBE ASSY, TILT LEFT
- 6 154 514 C91 ELBOW, 3/4-16 HYD 37 DEG FLARED -2-
TUBE 90 DEG FULKHEAD
W/LOCK NUT C-Z
- 7 850 653 C91 HOSE ASSY, TILT -2-
- 8 995 220 R1 CLAMP, HOSE
- 9 850 646 C2 CLAMP, DUAL HOSE
603 567 R1 SPACER, RH HOSE CLAMP
180 087 BOLT, 5/16-18 X 2 HEX-HD
120 376 NUT, 5/16-18 HEX
120 214 WASHER, 5/16 LOCK
- 10 299 416 C1 CLAMP, SINGLE HOSE -2-
850 678 C1 SCREW, 5/16-18 X 5/8 HEX-WASHER-HD
SELF-TAPPING
- 11 936 450 R91 ELBOW, 3/4-16 HYD 37 DEG FLARED TUBE
TO 7/8-14 O RING BOSS ADJ STR
THRD 90 DEG W/NUT & BACK-UP

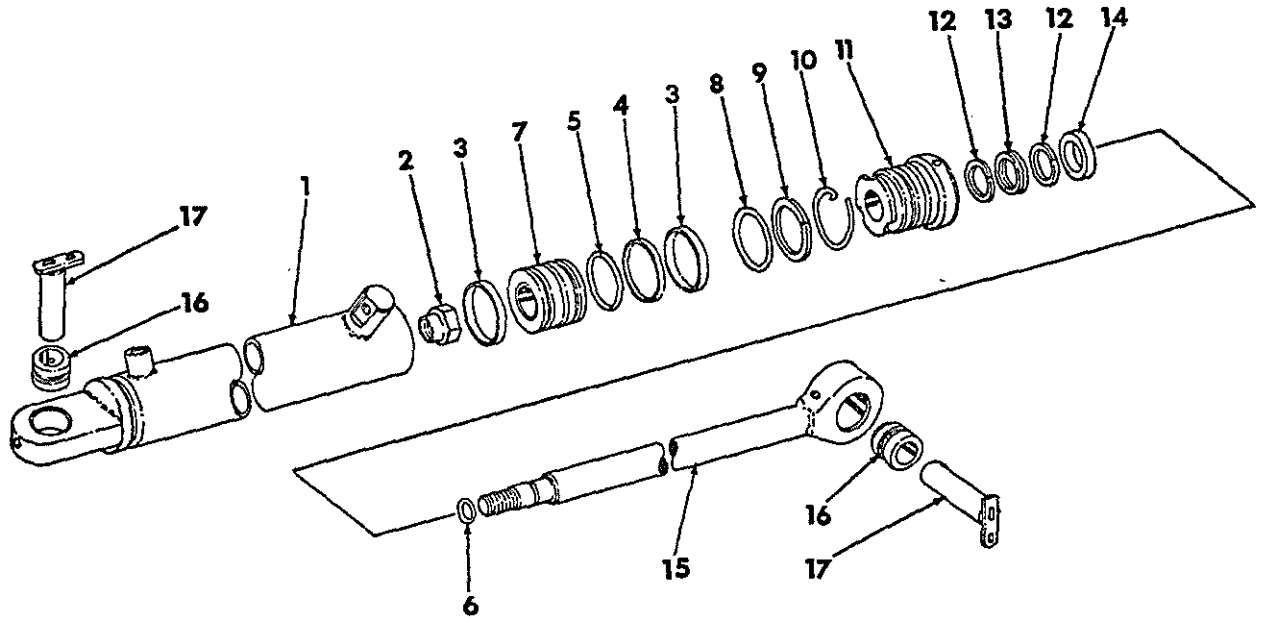
- 12 364 885 R1 O-RING
- 13 677 753 R1 GUARD, CYLINDER
180 120 BOLT, 3/8-16 X 3/4 HEX-HD -3-
120 380 WASHER, 3/8 LOCK -3-
- 14 404 167 R91 CYLINDER ASSY, TILT
FOR COMPONENTS SEE LISTING
-TILT CYLINDER- THIS SECTION
- 15 816 502 C1 STRAP, HOSE TIE AT REAR HOSE GUARD

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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HYDRAULIC TILT CYLINDER
3 X 5.10 STROKE
FOR 510 GRADERS

HYDRAULIC TILT CYLINDER -CONTINUED
3 X 5.10 STROKE
FOR 510 GRADERS



HE-806A

	404 167 R91	CYLINDER ASSY, TILT COMPOSED OF ALL PARTS EXCEPT NO. 17
1	404 996 R1 109 462	BODY ASSY, CYLINDER INCLUDES 309 672 R1 BUSHING FITTING, 1/8-27 NPTF 90 DEG LUB
2	9 416 471	NUT, 1-14 HEX-LOCK
3	387 374 R1	RING, PISTON BRG -2-
4	387 373 R1	RING, PISTON SEAL
5	383 017 R1	O-RING, PISTON SEAL
6	253 070 R1	O-RING, PISTON ROD
7	404 987 R2	PISTON
8	381 871 R1	O-RING, FRONT HEAD
9	387 370 R1	WASHER, FRONT HEAD BACK-UP
10	381 873 R1	RING, RETAINING
11	404 993 R1	HEAD, FRONT
12	403 622 R1	WASHER, ROD BACK-UP -2-
13	400 744 R1	RING, QUAD
14	403 460 R1	SEAL, WIPER ROD

15	404 986 R1	ROD ASSY, PISTON INCLUDES 309 672R1 BUSHING FITTING, 1/8-27 NPTF STR LUB
16	309 672 R1	BUSHING, CYLINDER -2-
17	677 745 R1 452 805 R1 850 680 C1	PIN ASSY, TILT CYL MTG -2- SPACER, SCREW -2- SCREW, 3/8-16 X 7/8 HEX WASHER-HD -2 SELF-TAPPING
	120 382 619 856 R1	WASHER, 3/8 LOCK -2- WASHER, .406 X 1.000 X .056 FLAT -2-
	406 491 R91	KIT, HYD CYL SERVICE CONSISTS OF-
		1-RING 381 873 R1
		2-WASHER 403 622 R1
		1-RING, QUAD 400 744 R1
		1-RING 403 460 R1
		1-O RING 253 070 R1
		1-SEAL 387 373 R1
		1-O RING 383 017 R1
		2-RING 387 374 R1
		1-O RING 381 871 R1
		1-WASHER 387 370 R1



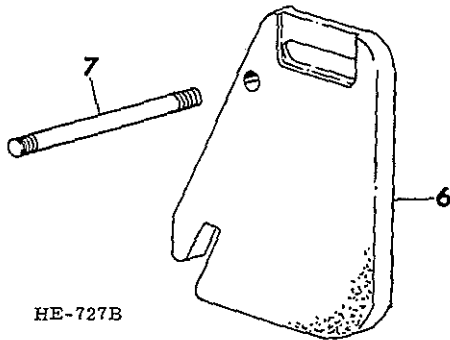
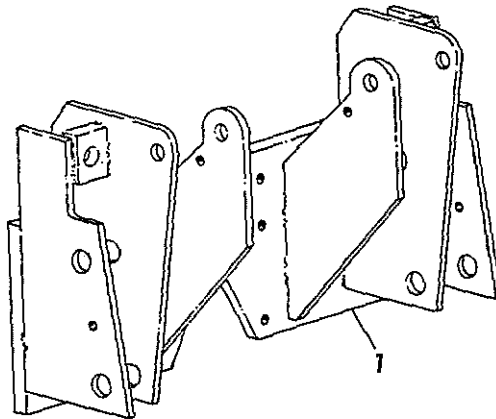
MOUNTED EQUIPMENT

-27-

SECTION 17

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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REAR EQUIPMENT MOUNTING
RIPPER AND BACKHOE FRAMES



HE-727B

- 1 492 447 R1 FRAME ASSY, RIPPER MOUNTING
NOT FOR TRACTORS WITH CANOPY
- 636 435 R1 STUD, MOUNTING -10-
- 225 861 NUT, 5/8-18 TYPE 8 HEX -10-
- 2 492 453 R1 FRAME ASSY, RIPPER MOUNTING
FOR TRACTORS WITH CANOPY
- 2 492 453 R1 FRAME ASSY, BACKHOE MOUNTING
NOT FOR TRACTORS WITH CANOPY
- 636 435 R1 STUD, MOUNTING -14-
- 225 861 NUT, 5/8-18 TYPE 8 HEX -14-
- 3 850 768 C1 FRAME ASSY, BACKHOE MOUNTING
FOR TRACTORS WITH CANOPY
ALSO FOR USE W/ RIPPER WHEN
BACKHOE DISMOUNTED
- 636 435 R1 STUD, MOUNTING -14-
- 225 861 NUT, 5/8-18 TYPE 8 HEX -14-
- 4 492 461 R2 SUPPORT ASSY, MOUNTING BRACKET LH
- 4 492 462 R2 SUPPORT ASSY, MOUNTING BRACKET RH
- 271 547 BOLT, 5/8-11 X 1-1/2 HEX-HD -4-
- 469 805 R1 BOLT, 5/8-11 X 2 HEX-HD TYPE 8 -4-
- 21 434 R1 NUT, 5/8-11 HEX TYPE 8 -4-



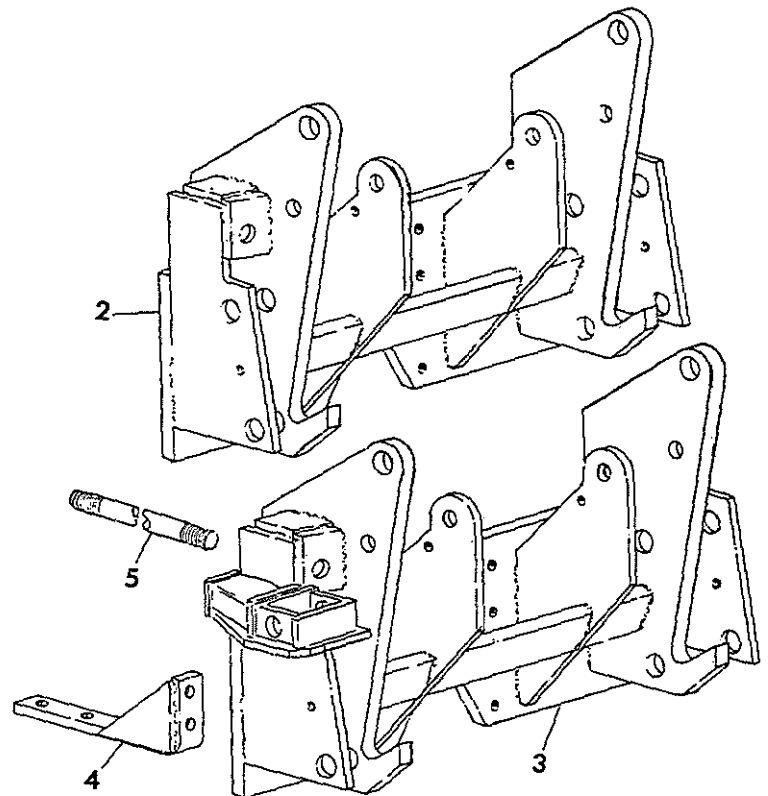
MOUNTED EQUIPMENT

-27-

SECTION 17

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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REAR EQUIPMENT MOUNTING -CONTINUED
RIPPER AND BACKHOE FRAMES

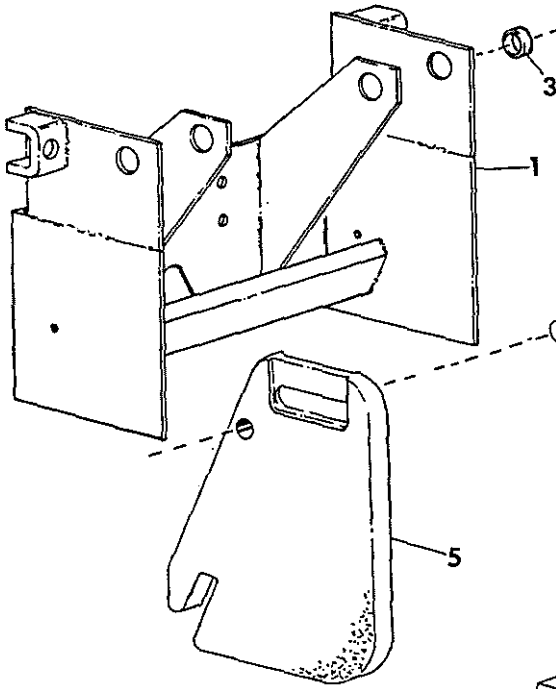


- 5 492 435 R1 ROD, TIE -2-
- 220 094 NUT, 1-1/8-7 HEX -4-
- 6 WEIGHT REAR COUNTER -6-
FOR USE ON BACKHOE MTG FRAMES
WHEN BACKHOE IS DISMOUNTED
FOR SERVICE ORDER ON MACHINE
ORDER FORM
- 21 162 R1 WASHER, 1.031 X 2.000 X .180 FLAT -8
COUNTERWEIGHT SPACERS
- 7 850 856 C1 ROD, COUNTERWEIGHT RETAINING
- 220 088 NUT, 1-8 HEX -2-
- 21 162 R1 WASHER, 1.031 X 2.000 X .180 FLAT -2



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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REAR EQUIPMENT MOUNTING
COUNTERWEIGHT FRAMES

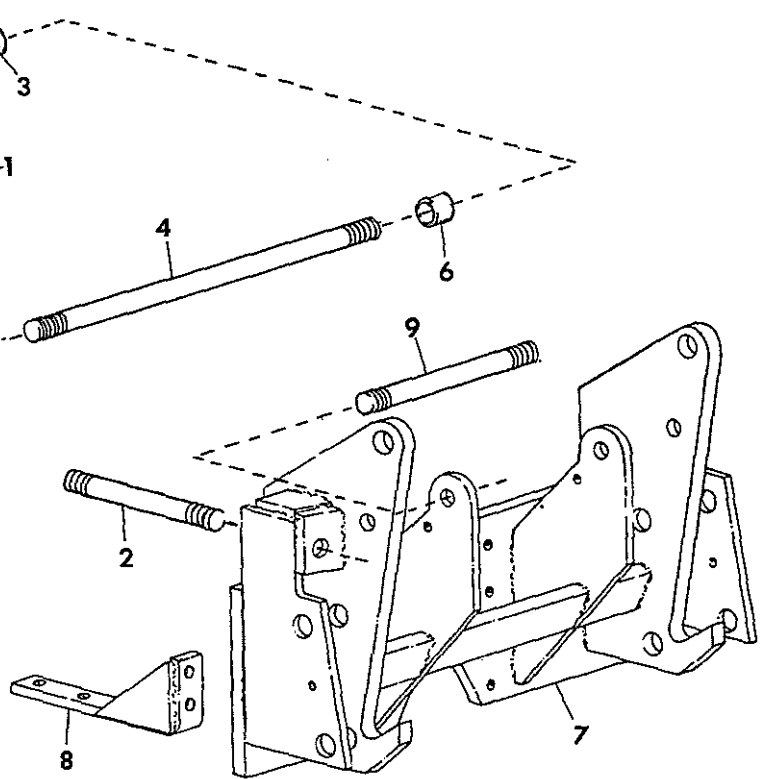


HE-727C



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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REAR EQUIPMENT MOUNTING -CONTINUED
COUNTERWEIGHT FRAMES

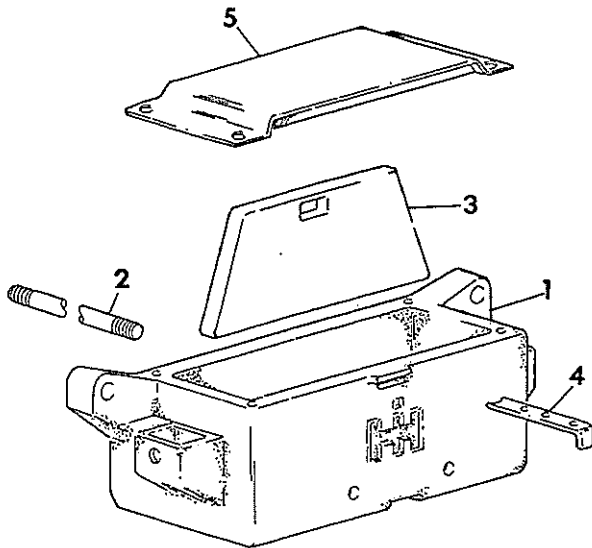


1	850 072 C1	FRAME ASSY, COUNTERWEIGHT MOUNTING NOT FOR TRACTORS WITH CANOPY
	850 465 C1	STUD, MOUNTING -8-
	225 861	NUT, 5/8-18 TYPE 8 HEX -8-
2	492 435 R1	ROD, TIE -2-
	220 094	NUT, 1-1/8-7 HEX -4-
3	850 081 C1	SPACER, ROD MOUNTING -4-
4	850 078 C1	ROD, COUNTERWEIGHT RETAINING
	220 088	NUT, 1-8 HEX -2-
	21 162 R1	WASHER, 1.031 X 2.000 X .180 FLAT -2
5		WEIGHT, REAR COUNTER -8- TO -14- WITHOUT CANOPY FOR SERVICE ORDER ON MACHINE ORDER FORM
5		WEIGHT, REAR COUNTER -6- WITH CANOPY -FOR SERVICE ORDER ON MACHINE ORDER FORM
	21 162 R1	WASHER, 1.031 X 2.000 X .180 FLAT -8 COUNTERWEIGHT SPACERS
6	850 589 C1	SPACER, COUNTERWEIGHT -6- USE IN PLACE OF COUNTERWEIGHT
7	492 453 R1	FRAME ASSY, COUNTERWEIGHT MOUNTING
	636 435 R1	STUD, MOUNTING -14-
	225 861	NUT, 5/8-18 TYPE 8 HEX -14-

8	492 461 R2	SUPPORT ASSY, MOUNTING BRACKET LH
8	492 462 R2	SUPPORT ASSY, MOUNTING BRACKET RH
	271 547	BOLT, 5/8-11 X 1-1/2 HEX-HD -4-
	469 805 R1	BOLT, 5/8-11 X 2 HEX-HD TYPE 8 -4-
	21 434 R1	NUT, 5/8-11 HEX TYPE 8 -4-
9	850 856 C1	ROD, COUNTERWEIGHT RETAINING
	220 088	NUT, 1-8 HEX -2-
	21 162 R1	WASHER, 1.031 X 2.000 X .180 FLAT -2

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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REAR EQUIPMENT MOUNTING BOX-TYPE COUNTERWEIGHT

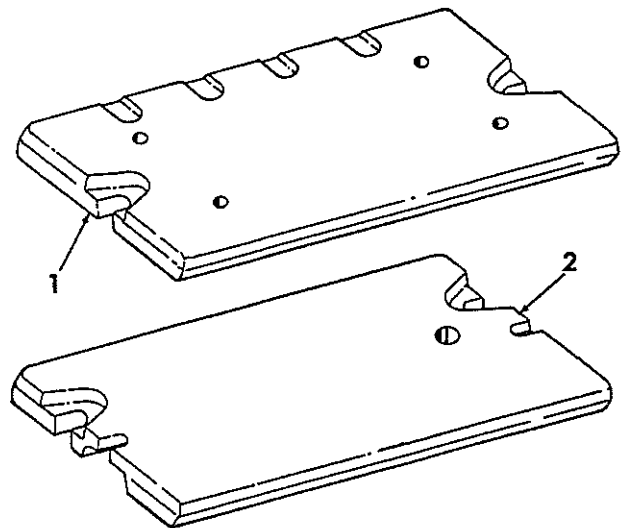


HE-1907

- 1 852 569 C1 WEIGHT, REAR BOX-TYPE COUNTER FOR TRACTORS WITH CANOPY
- 20 166 R1 BOLT, 5/8-11 X 6 HEX-HD -10-
- 464 623 R1 WASHER, .656 X 1.5 X .105 FLAT -10-
- 2 492 435 R1 ROD, TIE -2-
- 220 094 NUT, 1-1/8-7 HEX -4-
- 3 WEIGHT, REAR COUNTER -2- FOR SERVICE ORDER ON MACHINE ORDER FORM
- 4 852 571 C1 SUPPORT, EXTRA COUNTERWEIGHT
- 180 173 BOLT, 1/2-13 X 1 HEX-HD
- 5 852 649 C1 COVER ASSY, BOX-TYPE WEIGHT
- 180 120 BOLT, 3/8-16 X 3/4 HEX-HD -4-
- 619 856 R1 WASHER, .406 X 1.000 X .056 FLAT -4-
- 120 382 WASHER, 3/8 LOCK -4-

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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FRONT WEIGHTS FOR TRACTORS WITH BACKHOE



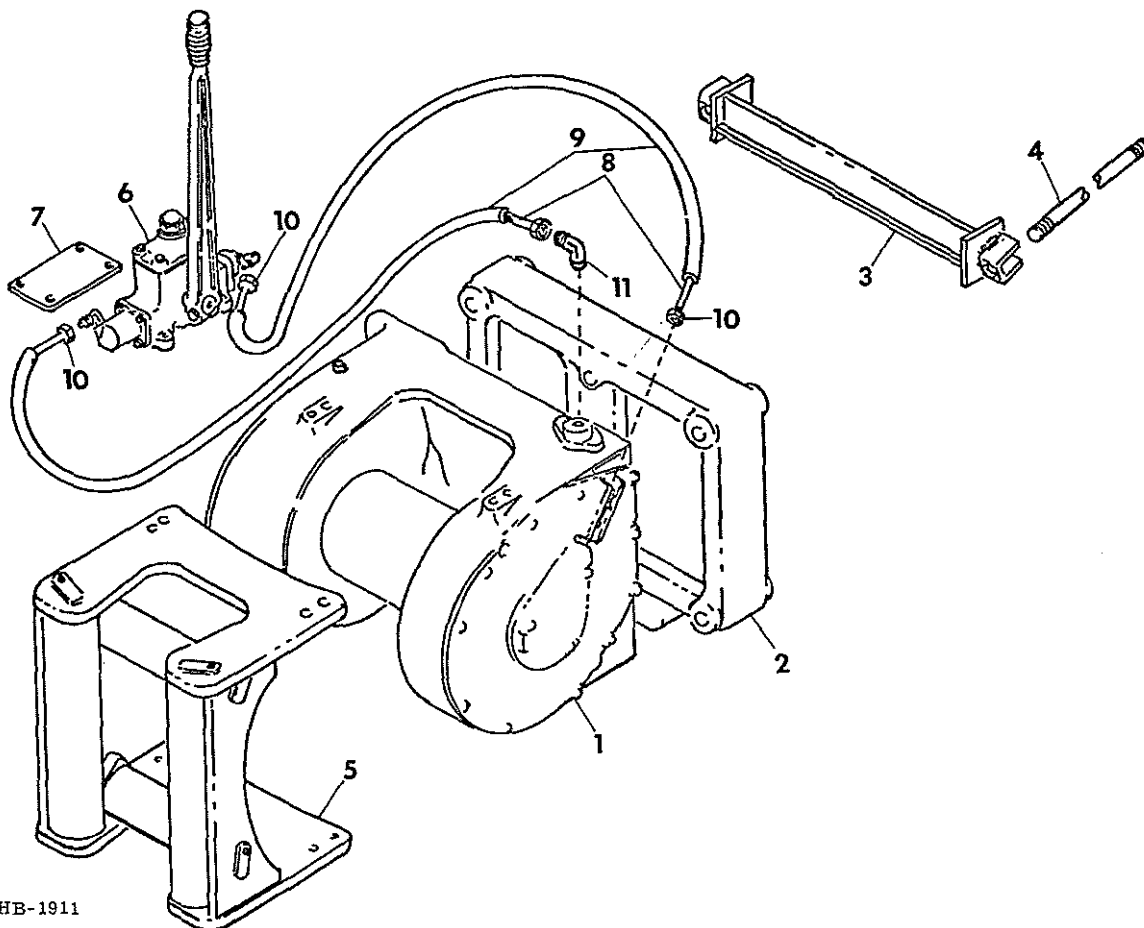
HE-837

- 1 677 724 R1 WEIGHT, FRONT END-BASIC
- 271 723 BOLT, 5/8-11 X 2 HEX-HD -3-
- 124 589 NUT, 5/8-11 HEX -3-
- 2 677 818 R1 WEIGHT, FRONT END - 1ST & 2ND EXTRA -2-
- 271 773 BOLT, 3/4-10 X 2-1/2 HEX-HD -4-
- 220 086 NUT, 3/4-10 HEX -4-
- 467 750 R1 WASHER, .780 X 1.500 X .105 FLAT -8-



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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WINCH EQUIPMENT



HB-1911



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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WINCH EQUIPMENT -CONTINUED

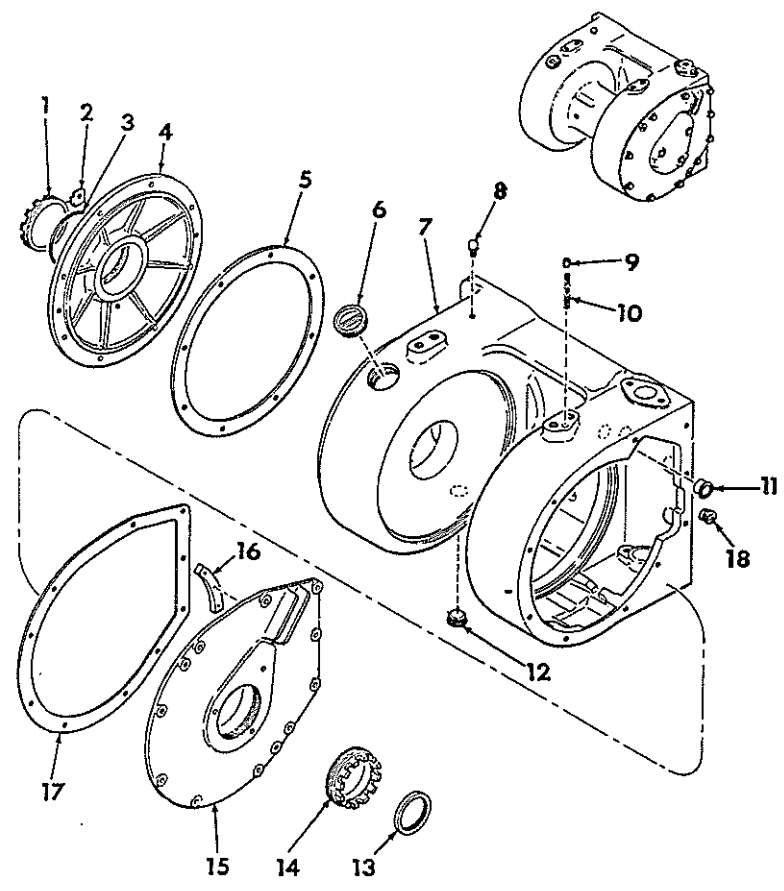
1	WINCH ASSY, GEARMATIC MODEL 9 GEARMATIC NO E9500X FOR COMPONENTS SEE LISTINGS -WINCH HOUSING- -WINCH BRAKE CYLINDER- -WINCH DRUM & BRAKE BANDS- -WINCH CLUTCH- -WINCH RING GEAR, PINION & SHAFT- IN THIS SECTION	5	850 349 C92	FAIRLEAD ASSY, THREE ROLLER GEARMATIC NO. 50063	
2	ADAPTOR ASSY, WINCH GEARMATIC NO WS 938 FOR TRACTORS WITH TORQUE CONVERTER FOR COMPONENTS SEE LISTING -WINCH ADAPTOR- THIS SECTION	5	850 350 C92	FAIRLEAD ASSY, FOUR ROLLERS GEARMATIC NO. 50064 FOR COMPONENTS SEE LISTING -WINCH FAIRLEAD- THIS SECTION	
2	ADAPTOR ASSY, WINCH GEARMATIC NO WS 939 FOR TRACTORS W/O TORQUE CONVERTER FOR COMPONENTS SEE LISTING -WINCH ADAPTOR- THIS SECTION	6	215 334 H1	CONTROL ASSY, MASTER GEARMATIC NO. X 710C FOR COMPONENTS SEE LISTING -WINCH MASTER CONTROL-THIS SECTION	
3	850 270 C2 SUPPORT ASSY, WINCH 636 435 R1 STUD, MOUNTING -6- 225 861 NUT, 5/8-18 TYPE 8 HEX. -6- 578 274 R1 WASHER, .656 X 1.00 X .105 FLAT -2-	7	675 171 R1 180 024 120 377 120 382	BAR, CONTROL VALVE MTG BOLT, 3/8-16 X 1-1/4 HEX-HD -4- NUT, 3/8-16 HEX -4- WASHER, 3/8 LOCK -4-	
4	492 435 R1 ROD, TIE -2- 220 094 NUT, 1-1/8-7 HEX -4-	8		TUBE, BRAKE & CLUTCH CONTROL USE 10 FEET OF -995 061 R1- 1/4 OD BULK COPPER TUBING	
		9		HOSE, BRAKE & CLUTCH CONTROL TUBE PROTECTIVE USE 10 FEET OF -998 542 R1- 5/16 ID BULK KOROSEAL HOSE	
		10	215 458	NUT, -4-	51369
		11	118 753	ELBOW, 90 DEG	50528

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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WINCH HOUSING

WINCH HOUSING -CONTINUED



H 3147-A

REF. NO.	PART NUMBER	DESCRIPTION	GEARMATIC NUMBER
		GEARMATIC NUMBERS SHOWN IN RH COLUMN	
1	202 438 H1	CAP, BEARING SCREW	A816A
2	202 437 H1 180 073 120 214	LOCK, BOLT BDLT, 5/16-18 X 1/2 HEX-HD -2- WASHER, 5/16 LOCK	A836A
3	285 724 R1	O-RING	50318
4	217 446 H1 444 576 180 122 120 382	COVER, GEAR PLUG, PIPE BOLT, 3/8-16 X 1 HEX-HD -8- WASHER, 3/8 LOCK -8-	C9511 50586
5	202 441 H1	GASKET, COVER	B738A
6	202 490 H1	PLUG, BARREL	50782
7	876 694 C1 445 684 444 588	HOUSING, WINCH PLUG, 1/8 NPT PIPE PLUG, 1/2 NPT PIPE	D9501 50531 50587
8	217 503 H1	VENT -2-	50742
9	139 106	SCREW, 7/16-20 X 7/16 SET	50785
10	876 735 C1	SPRING	A9536
11	217 502 H1	PLUG, BRAKE LEVER	A9513

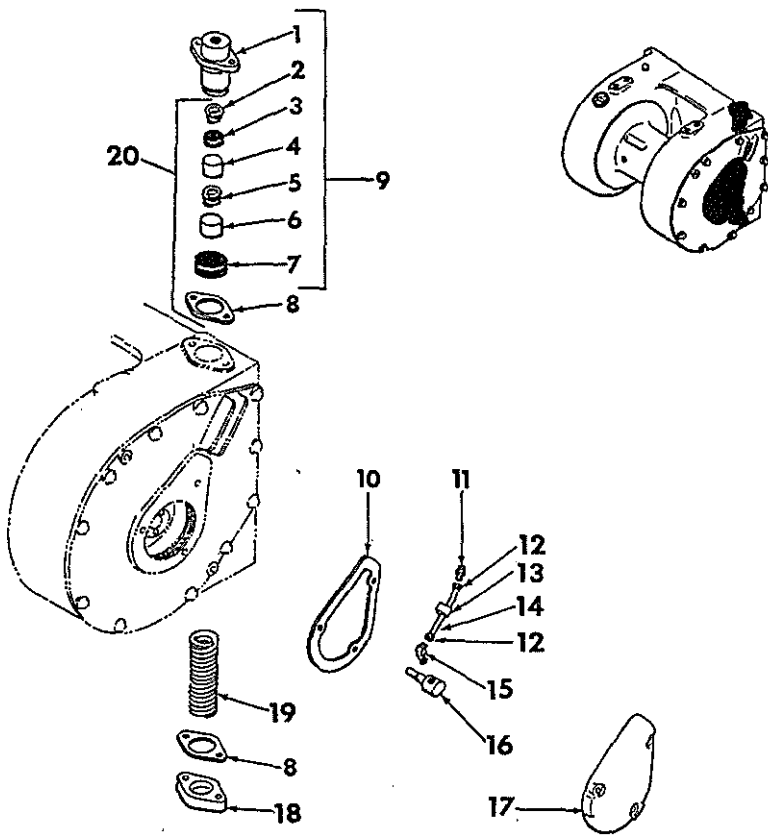
12	202 491 H1	PLUG, BARREL	51174
13	217 813 H1	SEAL, OIL	50743
14	217 463 H1	NUT, ADJUSTING	A9507
15	217 494 H1 180 122 120 382	COVER, CLUTCH BOLT, 3/8-16 X 1 HEX-HD -10- WASHER, 3/8 LOCK -10-	C9507A
16	217 496 H1 20 483 R1	RING, GUIDE SCREW, 5/16-18 X 3/4 C-2 -3- HEX-SKT-HD MACH	B9512
17	217 456 H1	GASKET, COVER	B9506
18	890 874 C1	PLUG, BRAKE LEVER	A9551

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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WINCH BRAKE CYLINDER

WINCH BRAKE CYLINDER -CONTINUED



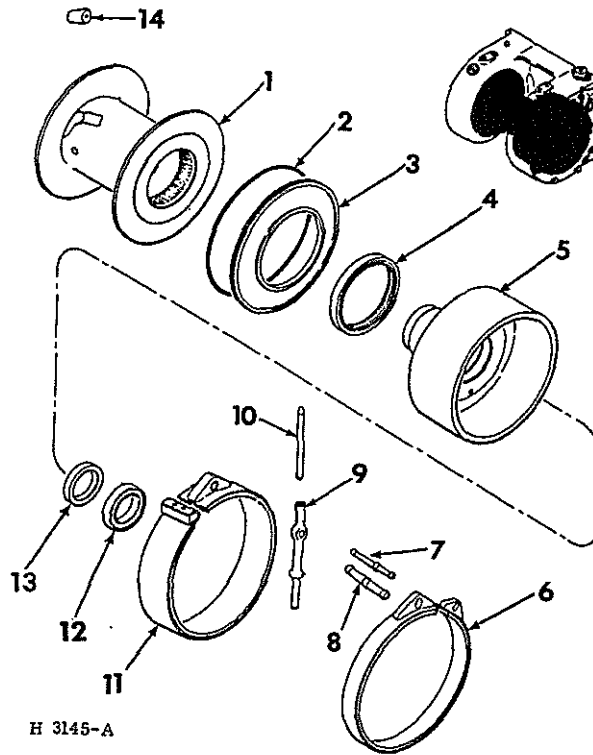
H 3146

REF. NO.	PART NUMBER	DESCRIPTION	TC-210	REF. NO.	PART NUMBER	DESCRIPTION	TC-210
		GEARMATIC NUMBERS SHOWN IN RH COLUMN		13	217 524 H1	GROMMET, TUBE	A9518
1	217 505 H1	CYLINDER, BRAKE	A8398	14		TUBE, 1/4 OD X 6 INCH BRAKE	
	180 122	BOLT, 3/8-16 X 1 HEX-HD -2-				-NOT SERVICED SEPARATELY ORDER	
	120 382	WASHER, 3/8 LOCK -2-				FROM BULK STOCK NO. 995 061 R1-	
2	202 484 H1	SPRING, UPPER	50952	15	118 753	ELBOW, TUBE	50528
3	51 905 H	CUP, U	51470	16	217 487 H1	TUBE, HYD	A9502
4	217 506 H1	PISTON, PRIMARY	A8043	17	217 491 H1	CAP, END	B9500
5	217 458 H1	SPRING, LOWER	A8044		180 126	BOLT, 3/8-16 X 1-1/2 HEX-HD -3-	
6	51 902 H	PISTON, SECONDARY	51471		120 382	WASHER, 3/8 LOCK -3-	
7	202 492 H1	BOOT	51474	18	892 764 C1	CAP, SPRING	A9558
8	217 504 H1	GASKET, CYLINDER -2-	A9526		217 517 H1	BOLT, 7/16-14 X 3 HEX-HD -2-	A9505
9	875 488 C91	CYLINDER ASSY, BRAKE	A8398X	19	217 516 H1	SPRING, BRAKE	A9519
		-CONSISTS OF		20	886 015 C1	KIT, BRAKE CYLINDER SERVICE	A9547X
		1 CYLINDER	217 505 H1			-CONSISTS OF	
		1 SPRING	202 484 H1			1 SPRING	202 484 H1
		1 PISTON	217 506 H1			1 CUP	51 905 H
		1 SPRING	217 458 H1			1 PISTON	217 506 H1
		1 PISTON	51 902 H			1 SPRING	217 458 H1
		1 BOOT	202 492 H1			1 PISTON	51 902 H
		1 CUP	51 905 H-			1 BOOT	202 492 H1
10	217 461 H1	GASKET, CAP	B9507			1 GASKET	217 504 H1-
11	118 800	CONNECTOR, TUBE	51042				
12	215 458 H1	NUT, 1/4 TUBE -2-	51361				



REF. NO.	PART NUMBER	DESCRIPTION	TC-210	REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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WINCH DRUM AND BRAKE BANDS



H 3145-A

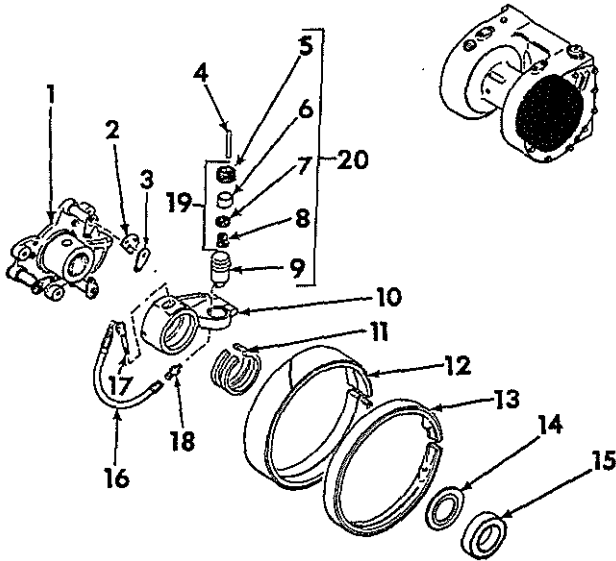
GEARMATIC NUMBERS SHOWN IN RH COLUMN

1	217 447 H2 103 388	DRUM, WINCH PIN, 1/8 X 1-3/4 COTTER	C9516
2	217 452 H1	D-RING	50342
3	217 451 H1	FLANGE, SEAL	B9501
4	217 450 H1	SEAL, FLANGE OIL	51428
5	217 453 H1	DRUM, BRAKE	C9501A
6	217 497 H1	BAND, PRIMARY BRAKE	C9510X
7	217 498 H1	LEVER, PRIMARY BRAKE	A9512
8	217 508 H1	LEVER, SECONDARY BRAKE	A9511
9	217 510 H2	LEVER, BRAKE	B9515
10	217 507 H1 18 518 R1	ROD, PUSH PIN, LEVER	A9515
11	876 696 C1 876 695 C1 18 607 R1	BAND, SECONDARY BRAKE PIN, ANCHOR PIN, LEVER TO BAND	C9515X A9530 51205
12	217 448 H1	BEARING, BRAKE DRUM	51280
13	202 445 H1	SEAL, BRAKE DRUM OIL	51408
14	895 053 C1	FERRULE, 7/16 & 1/2 INCH CABLE	51434
14	895 054 C1	FERRULE, 9/16 & 5/8 INCH CABLE	51435



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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WINCH CLUTCH



H 3151-A

JEARMATIC NUMBERS SHOWN IN RH COLUMN

1	217 493 H1	HUB, CLUTCH	C9502
	17 175 R1	PIN -3-	51180
	180 122	BOLT, 3/8-16 X 1 HEX-HD -6-	
	120 382	WASHER, 3/8 LOCK -6-	
2	217 457 H1	CAM, ADJUSTING -6-	A9503
3	217 459 H1	PLATE, CAM LOCK -6-	A9504
4	202 479 H1	ROD, CLUTCH CYL PUSH	A833A
5	49 661 H	BOOT, CYLINDER	51475
6	49 660 H	PISTON, CYLINDER	51472
7	48 887 H	CUP, U	51473
8	202 484 H1	SPRING, CYLINDER	50952
9	202 480 H1	CYLINDER, CLUTCH	51063
10	217 492 H1	LEVER, CLUTCH	B9502
11	202 450 H1	FELT, LEVER -2-	A8019
12	217 454 H1	BAND, SECONDARY CLUTCH	B9505
13	217 455 H1	BAND, PRIMARY CLUTCH	C9503
14	217 490 H1	SPACER, BEARING	A9500
15	202 464 H1	BEARING, LEVER	51273
16	922 481 C1	HOSE ASSY, CYLINDER	51360
17	922 486 C1	FITTING, HYDRAULIC	A19158
18	922 485 C1	CONNECTOR, MALE	51019



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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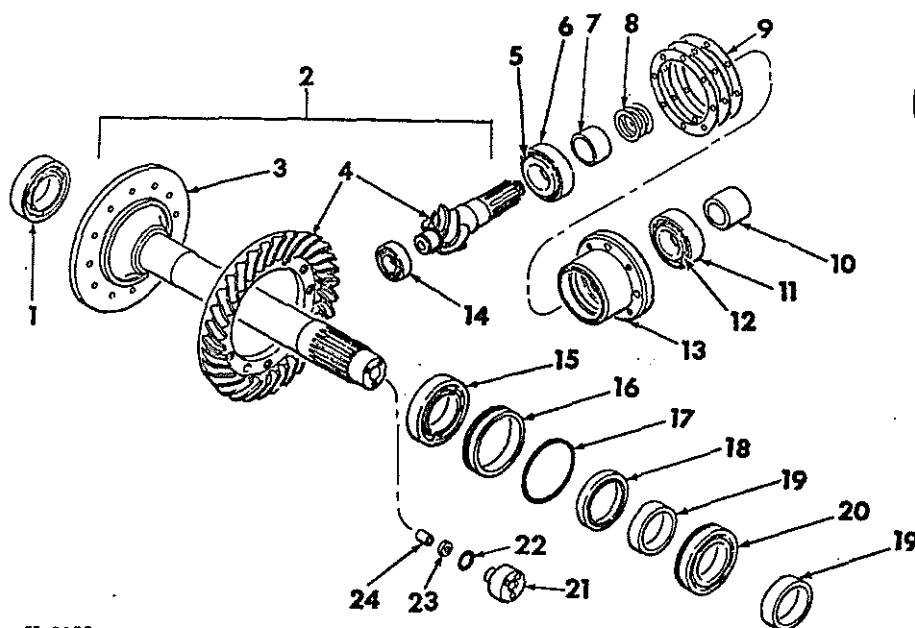
WINCH CLUTCH -CONTINUED

19	893 396 C1	KIT, CLUTCH CYLINDER SERVICE CONSISTS OF	A9546X
		1-SPRING	202 484 H1
		1-PISTON	49 660 H
		1-BOOT	49 661 H
		1-CUP	48 887 H
20	893 395 C91	CYLINDER ASSY, CLUTCH CONSISTS OF	A825AX
		1-CYLINDER	202 480 H1
		1-SPRING	202 484 H1
		1-PISTON	49 660 H
		1-BOOT	49 661 H
		1-CUP	48 887 H
	922 484 C91	KIT, CLUTCH HOSE SERVICE CONSISTS OF	A9560X
		1-HOSE	922 481 C1
		1-FITTING	922 486 C1
		1-CONNECTOR	922 485 C1



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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WINCH RING GEAR, PINION AND SHAFT



H-3150

REF. NO.	PART NUMBER	DESCRIPTION	GEARMATIC NUMBERS SHOWN IN RH COLUMN
1	ST 264	BEARING, DRUM SHAFT CTR	50444
2	217 445 H2	PINION & SHAFT ASSY, GEAR CONSISTS OF 1-SHAFT ASSY 217 521 H2 1-GEAR SET 202 497 H2	C9512X
3	217 521 H2	SHAFT ASSY, DRUM CONSISTS OF 1-SHAFT 1-RETAINER 217 522 H1	C9506AX
4	202 497 H2 877 077 C1	PINION & RING GEAR SET RIVET, 3/8 X 1-7/16 RD-HD -16-	8781X 51514
5	89 366 H	CONE, BEARING REAR	51295
6	50 083 R1	CUP, BEARING REAR	51294
7	217 520 H1	SPACER, BEARING	A8029
8	217 519 H1	SHIM SET, BEARING	A8030
9	217 443 H1	SHIM SET, HOUSING	A757A
10	202 430 H1	BUSHING, PRELOAD FOR SHIPPING PURPOSES ONLY	A835
11	ST 882	CUP, BEARING FRONT	51288
12	8 905 H	CONE, BEARING FRONT	51289
13	217 444 H1	HOUSING ASSY, PINION BEARING CONSISTS OF 1-HOUSING 202 433 H1 1-SPACER 217 520 H1 1-SHIM SET 217 519 H1 1-SHIM SET 217 443 H1	89505X
	138 242	SCREW, 3/8-16 X 1 -4- HEX-SKT-HD MACH	



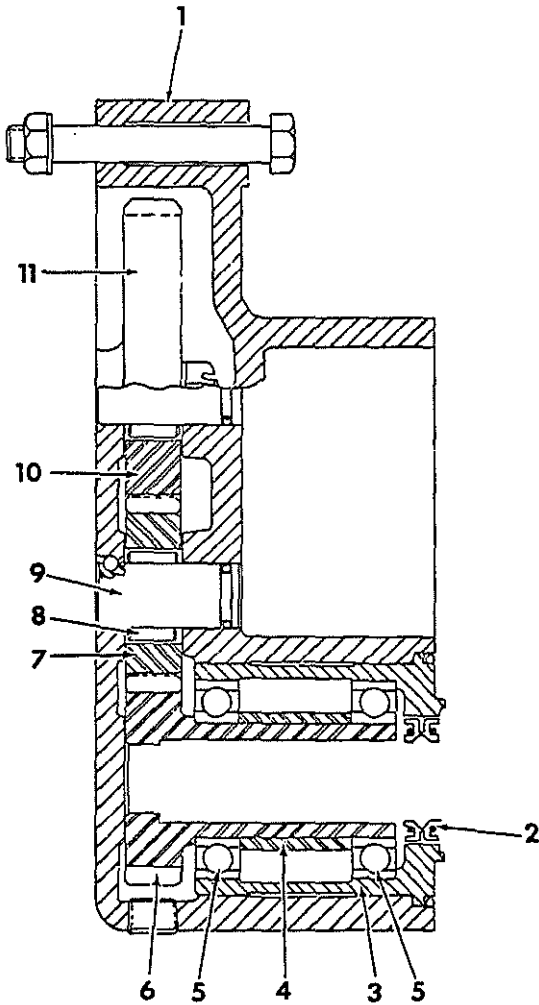
REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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WINCH RING GEAR, PINION AND SHAFT -CONTINUED

13	202 435 H1	HOUSING ASSY W/BRG, CUPS CONSISTS OF 1-HOUSING 1-BRG CUP 50 083 R1 1-BRG CUP ST 882	8701
13	202 433 H1	HOUSING ASSY W/BRG, CONES CONSISTS OF 1-HOUSING 202 435 H1 1-BRG CONE 89 366 H1 1-BRG CONE 8 905 H	8701X
	106 270 216 353 103 387	WASHER, PINION NUT, PINION PIN, 1/8 X 2-1/2 COTTER	
14	202 494 H1	BEARING, PINION REAR	51287
15	ST 265	BEARING, DRUM SHAFT LH	51277
16	202 443 H1	HOUSING, SHAFT SEAL	A820A
17	317 923 R1	O-RING, HOUSING	50320
18	202 445 H1	SEAL, SHAFT OIL	51408
19	202 446 H1	SPACER, RH BEARING -2-	A819A
20	202 447 H1	BEARING, DRUM SHAFT RH	51279
21	217 489 H1 23 832 R1	CAP, DRUM SHAFT GLAND SCREW, 5/16-24 X 1 C-Z -3- HEX SOCKET HD CAP	A9501
22	350 667 R1	O-RING, GLAND CAP	50297
23	202 462 H1	SEAL, U	51181
24	217 522 H1	RETAINER, CUP	A9506

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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WINCH ADAPTOR



HE-797

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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WINCH ADAPTOR -CONTINUED

GEARMATIC NUMBERS SHOWN IN RH COLUMN

ADAPTOR ASSY, WINCH WS938
 FOR TRACTORS WITH TORQUE CONVERTER
 -FOR COMPLETE UNIT ORDER ON
 MACHINE ORDER FORM
 CONSISTS OF ALL ITEMS LISTED
 EXCEPT AS NOTED

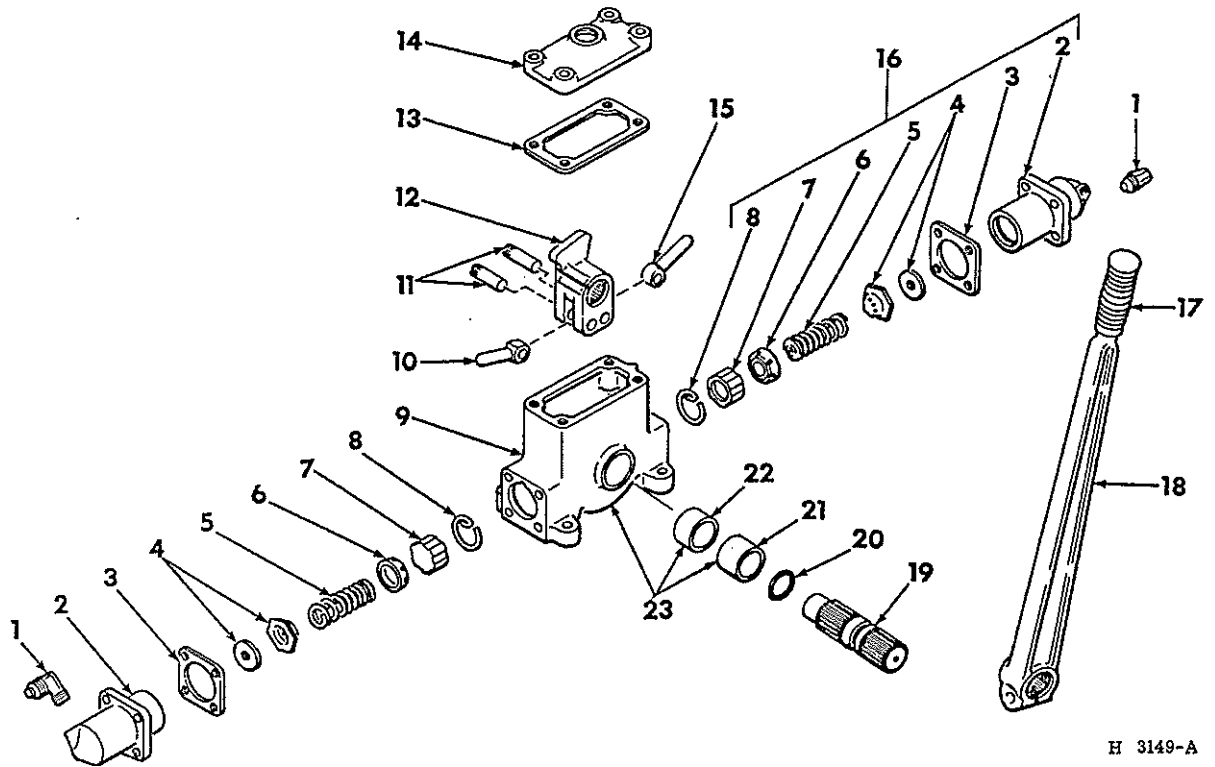
ADAPTOR ASSY, WINCH WS939
 FOR TRACTORS W/O TORQUE CONVERTER
 -FOR COMPLETE UNIT ORDER ON
 MACHINE ORDER FORM
 CONSISTS OF ALL ITEMS LISTED
 EXCEPT AS NOTED

1	850 300 C1	HOUSING, ADAPTOR	E1232
	676 678 R1	GASKET, HOUSING	B1283A
	676 679 R1	GASKET, WASHER -2-	B1283B
	444 704	PLUG, PIPE	
	271 548	BOLT, 5/8-11 X 1-3/4 HEX HD -2-	
	271 756	BOLT, 5/8-18 X 4 HEX-HD	
	271 731	BOLT, 5/8-11 X 4 HEX-HD	
	271 758	BOLT, 5/8-18 X 4-1/2 HEX-HD	
	271 733	BOLT, 5/8-11 X 4-1/2 HEX-HD	
	124 589	NUT, 5/8-11 HEX -2-	
	121 574	WASHER, 5/8 LOCK -6-	
	103 387	PIN, 1/8 X 1-1/2 COTTER	
2	676 761 R91	SEAL, PTO OIL -2-	51393
3	850 305 C1	HOUSING, PTO PILOT	B12045
	22 279 R1	O-RING, HOUSING	50356
4	850 304 C1	SPACER, BEARING	A12163
5	ST 264	BEARING, DRIVE GEAR -2-	50444
6	850 303 C1	GEAR, 17T PTO DRIVE FOR TRACTORS WITH TORQUE CONVERTER	B12047
6	850 302 C1	GEAR, 13T PTO DRIVE FOR TRACTORS W/O TORQUE CONVERTER	B12046
7	676 684 R1	GEAR, 16T IDLER FOR TRACTORS WITH TORQUE CONVERTER	A12114
7	676 685 R1	GEAR, 20T IDLER FOR TRACTORS W/O TORQUE CONVERTER	A12115
8	216 570 R91	BEARING, IDLER GEAR NEEDLE -2-	50438
9	676 686 R1	SHAFT, IDLER GEAR -2-	A12102
	253 070 R1	O-RING, SHAFT -2-	50302
	17 008 R1	BALL, 1/4 STEEL -2-	50443
10	676 685 R1	GEAR, 20T IDLER FOR TRACTORS WITH TORQUE CONVERTER	A12115
10	676 684 R1	GEAR, 16T IDLER FOR TRACTORS W/O TORQUE CONVERTER	A12114
11	850 301 C1	GEAR, 35T PINION FOR TRACTORS WITH TORQUE CONVERTER	B12048
11	676 683 R1	GEAR, 39T PINION FOR TRACTORS W/O TORQUE CONVERTER	B1288



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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WINCH MASTER CONTROL



H 3149-A

	215 334 H1	CONTROL ASSY WINCH MASTER -INCLUDES ALL PARTS LISTED-	X710C
1	118 753	ELBOW, 90 DEG -2-	50528
2	202 534 H1 180 078	CYLINDER -2- BOLT, 5/16-18 X 7/8 HEX-HD -8-	A770
3	202 529 H1	GASKET, CYLINDER -2-	A793
4	202 528 H1 875 489 C1	VALVE ASSY, -2- INCLUDES 1-875 489 C1 WASHER- WASHER, -2-	51476 51145
5	202 533 H1	SPRING, VALVE -2-	51478
6	202 532 H1	CUP, SPRING -2-	51477
7	202 531 H1	PISTON, CYLINDER -2-	A830A
8	202 530 H1	RING, LOCK -2-	50815
9	202 482 H2	HOUSING	C709
10	892 356 C1	ROD, SHORT PUSH	A8053
11	202 524 H1	PIN, PUSH ROD -2-	A785
12	202 523 H1 202 518 H1	ARM, CONTROL ROCKER SCREW, 5/16-18 X 1	A769 51518
13	202 517 H1	GASKET, COVER	A794



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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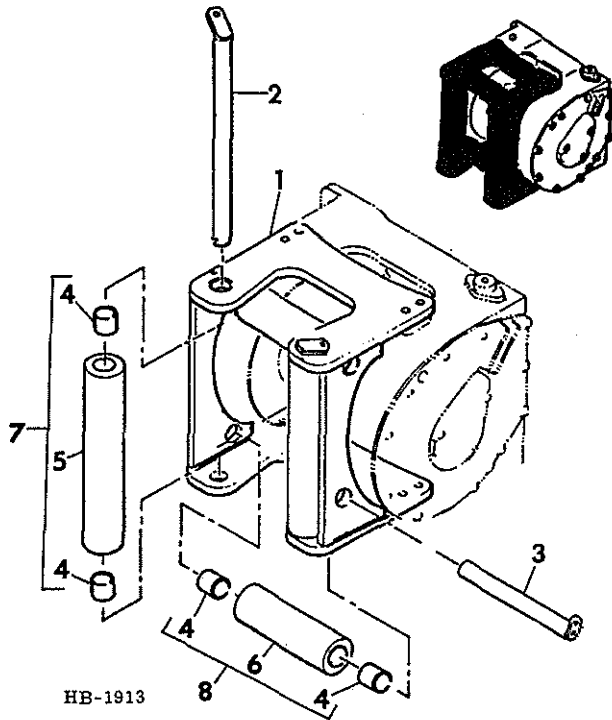
WINCH MASTER CONTROL -CONTINUED

14	202 513 H1 180 078 202 516 H1 202 461 H1	COVER, HOUSING BOLT, 5/16-18 X 7/8 HEX-HD -4- PLUG, FILLER WASHER, PLUG	A771 A797 51162
15	892 357 C1	ROD, LONG PUSH	A8054
16	875 485 C91	CYLINDER ASSY, CONTROL -2-	B765X
17	202 515 H1	GRIP, LEVER	A798
18	202 514 H1 181 646 120 369	LEVER, CONTROL BOLT, 3/8-24 X 1-3/4 HEX-HD NUT, 3/8-24 HEX	B716
19	202 519 H1	SHAFT, CONTROL	A772
20	350 684 R1	O RING, SHAFT	50301
21	202 520 H1	BUSHING, SHAFT	A855A
22	892 377 C1	BUSHING, INBOARD	A8051
23	892 529 C91	HOUSING ASSY, MASTER CONTROL	C709X



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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WINCH FAIRLEADS
THREE & FOUR ROLLER



HB-1913

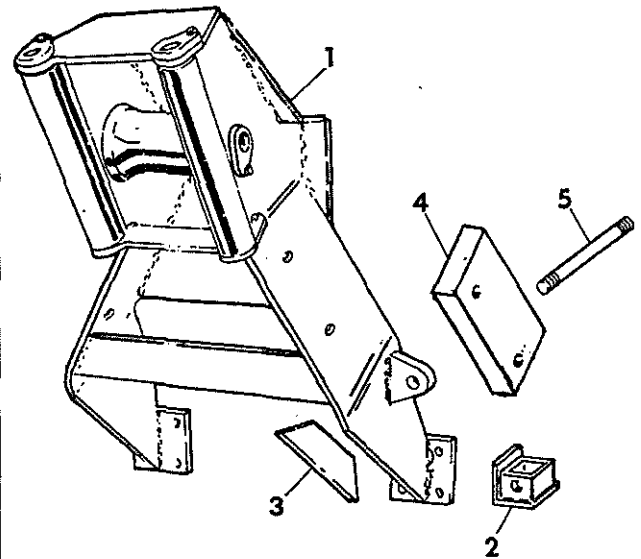
GEARMATIC NUMBERS SHOWN IN RH COLUMN

	850 349 C91	PACKAGE, WINCH FAIRLEAD THREE ROLLER	
	850 350 C92	PACKAGE, WINCH FAIRLEAD FOUR ROLLER	
		INCLUDES ALL PARTS LISTED	
1	850 351 C1	BODY, FAIRLEAD	C9040X
	271 547	BOLT, 5/8-11 X 1-1/2 HEX-HD -8-	
	121 574	WASHER, 5/8 LOCK -8-	
2	850 813 C1	SHAFT, LONG ROLLER -2-	50005
	180 073	BOLT, 5/16-18 X 1/2 HEX-HD -2-	
	120 214	WASHER, 5/16 LOCK -2-	
3	850 814 C1	SHAFT, SHORT ROLLER	50007
		ONE FOR THREE ROLLER	
		TWO FOR FOUR ROLLER	
	180 073	BOLT, 5/16-18 X 1/2 HEX-HD -2-	
	120 214	WASHER, 5/16 LOCK -2-	
4	850 817 C1	BUSHING, ROLLER	50016
		SIX FOR THREE ROLLER	
		EIGHT FOR FOUR ROLLER	
5		ROLLER, LONG	
		-NOT SERVICED SEPARATELY ORDER	
		1-850 815 C1 ROLLER ASSY	
6		ROLLER, SHORT	
		-NOT SERVICED SEPARATELY ORDER	
		1-850 816 C1 ROLLER ASSY	
7	850 815 C1	ROLLER ASSY, LONG W/BUSHINGS-2-	50007
		INCLUDES 2- 850 817C1- BUSHINGS	
8	850 816 C1	ROLLER ASSY, SHORT W/BUSHINGS	50056
		INCLUDES 2 - 850 817C1 - BUSHINGS	
		ONE FOR THREE ROLLER	
		TWO FOR FOUR ROLLER	



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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LOG ARCH
FOR USE WITH WINCH



HE-1178A

1		ARCH ASSY, LOG	
		-FOR COMPLETE UNIT ORDER ON	
		MACHINE ORDER FORM	
		-FOR SERVICE PARTS, ORDER DIRECT	
		FROM - ESCO MFG. CO.,	
		PORT HOPE,	
		ONTARIO, CANADA.	
	636 435 R1	STUD, ARCH MTG -8-	
	225 861	NUT, 5/8-18 TYPE 8 HEX -8-	
	271 547	BOLT, 5/8-11 X 1-1/2 HEX-HD -4-	
	271 731	BOLT, 5/8-11 X 4 HEX HD	
	271 756	BOLT, 5/8-18 X 4 IN HEX HD	
2	850 715 C1	TUBE ASSY, CANOPY MTG LH -WELDED-	
2	850 716 C1	TUBE ASSY, CANOPY MTG RH -WELDED-	
3	850 625 C1	BAR, LOG ARCH GUSSET -2- WELDED -	
		FOR USE WITH CANOPY	
4	850 507 C1	WEIGHT, REAR COUNTER -2- TO -10-	
		FOR TRACTORS WITH 75 LOADER	
	271 729	BOLT, 5/8-11 X 3-1/2 HEX-HD -4-	
		FOR MTG 1 SET OF TWO WGTs	
	273 312	BOLT, 5/8-11 X 5-1/2 HEX-HD -4-	
		FOR MTG 2 SETS OF TWO WGTs	
	19 824 R1	BOLT, 5/8-11 X 7-1/2 HEX-HD -4-	
		FOR MTG 3 SETS OF TWO WGTs	
	23 830 R1	BOLT, 5/8-11 X 9-1/2 HEX-HD -4-	
		FOR MTG 4 SETS OF TWO WGTs	
	23 359 R1	BOLT, 5/8-11 X 11-1/2 HEX-HD -4-	
		FOR MTG 5 SETS OF TWO WGTs	
	124 589	NUT, 5/8-11 HEX -4-	
5	492 435 R1	ROD, TIE -2-	
	220 094	NUT, 1-1/8-7 HEX -4-	



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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BACKHOE

FOR COMPLETE BACKHOES OR FOR BACKHOE ATTACHMENTS ORDER ON MACHINE ORDER FORM

FOR SERVICE PARTS REFER TO BACKHOE PARTS CATALOG BKH-1

BACKHOE, MODEL 3142A
WITHOUT BUCKET

BACKHOE, MODEL 3122A
WITHOUT BUCKET

ATTACHMENTS, BACKHOE BUCKET

12 INCH STANDARD TYPE -2.6 CUBIC FT-
16 INCH STANDARD TYPE -3.5 CUBIC FT-
18 INCH STANDARD TYPE -4.0 CUBIC FT-
20 INCH STANDARD TYPE -4.5 CUBIC FT-
24 INCH STANDARD TYPE -6.0 CUBIC FT-
30 INCH STANDARD TYPE -8.0 CUBIC FT-
24 INCH HIGH CAPACITY -7.0 CUBIC FT-
30 INCH HIGH CAPACITY -10. CUBIC FT-
24 INCH HEAVY DUTY -6.0 CUBIC FT-
24 INCH HEAVY DUTY -7.1 CUBIC FT-
-HIGH CAPACITY-

ATTACHMENT, 4-1/2 INCH DIA BOOM LIFT CYLINDER -MODEL 3142A ONLY-

ATTACHMENT, STABILIZER CHECK VALVE

ATTACHMENT, BOOM & DIPPERSTICK CHECK VALVE



REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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RIPPER

FOR COMPLETE RIPPER OR FOR RIPPER ATTACHMENTS ORDER ON MACHINE ORDER FORM

FOR SERVICE PARTS REFER TO RIPPER PARTS CATALOG SR-1

RIPPER, MODEL 390
WITH THREE TEETH

ATTACHMENT, COUNTERWEIGHT 225 LBS FOR COUNTERBALANCING 75 LOADER EQUIPPED TRACTORS



MOUNTED EQUIPMENT

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SECTION 17

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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MOUNTED EQUIPMENT

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SECTION 17

REF. NO.	PART NUMBER	DESCRIPTION	TC-210
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PART NUMBER	SEC	PG	PART NUMBER	SEC	PG	PART NUMBER	SEC	PG	PART NUMBER	SEC	PG
			118 753	17	30	120 376	12	33	120 382	10	11
			118 753	17	32	120 376	14	7	120 382	10	12
			118 753	17	37	120 376	17	3	120 382	10	13
			118 800	17	32	120 376	17	23	120 382	10	14
			119 202	17	16	120 376	17	25	120 382	10	59
1 233	04	2	119 922	08	3	120 377	04	2	120 382	10	61
102 571	10	59	119 922	11	3	120 377	06	2	120 382	12	8
102 592	07	5	120 214	02	5	120 377	06	3	120 382	12	17
102 676	02	5	120 214	05	5	120 377	07	2	120 382	12	22
102 676	07	6	120 214	06	5	120 377	07	9	120 382	12	23
102 676	12	31	120 214	07	4	120 377	08	4	120 382	12	26
102 676	12	33	120 214	07	9	120 377	08	6	120 382	13	3
103 340	07	3	120 214	07	12	120 377	08	7	120 382	13	5
103 361	04	2	120 214	07	20	120 377	09	6	120 382	13	6
103 361	12	27	120 214	08	3	120 377	10	3	120 382	14	5
103 384	04	2	120 214	08	6	120 377	10	6	120 382	17	12
103 384	04	3	120 214	10	3	120 377	12	22	120 382	17	14
103 384	07	2	120 214	10	6	120 377	12	23	120 382	17	15
103 384	07	6	120 214	10	11	120 377	12	26	120 382	17	20
103 384	10	16	120 214	10	13	120 377	13	3	120 382	17	21
103 384	10	59	120 214	10	15	120 377	13	5	120 382	17	22
103 384	12	31	120 214	11	2	120 377	17	12	120 382	17	23
103 384	12	33	120 214	12	13	120 377	17	20	120 382	17	24
103 384	17	5	120 214	12	17	120 377	17	23	120 382	17	26
103 384	17	8	120 214	12	22	120 377	17	30	120 382	17	29
103 384	17	13	120 214	12	26	120 378	02	5	120 382	17	30
103 385	05	3	120 214	12	31	120 378	05	3	120 382	17	31
103 385	07	20	120 214	12	33	120 378	05	5	120 382	17	32
103 386	10	11	120 214	13	4	120 378	07	21	120 382	17	34
103 387	12	11	120 214	13	5	120 378	08	3	120 383	06	5
103 387	17	35	120 214	17	9	120 378	08	6	120 383	17	10
103 387	17	36	120 214	17	11	120 378	09	4	120 383	17	32
103 388	17	33	120 214	17	23	120 378	09	5	120 384	02	5
103 399	07	7	120 214	17	25	120 378	09	6	120 384	07	4
103 407	04	2	120 214	17	31	120 378	10	7	120 384	07	13
103 407	05	3	120 214	17	38	120 378	10	8	120 384	07	14
103 407	07	2	120 217	02	5	120 378	10	13	120 384	07	15
103 407	09	3	120 217	06	2	120 378	11	2	120 384	07	16
103 407	17	3	120 217	08	3	120 378	13	5	120 384	10	8
103 407	17	8	120 217	12	27	120 378	13	7	120 384	10	13
103 408	09	3	120 238	17	4	120 378	13	10	120 384	10	16
103 494	04	2	120 238	17	5	120 378	13	11	120 384	12	29
103 498	05	3	120 361	06	2	120 378	14	7	120 394	08	6
103 647	06	5	120 361	08	4	120 378	17	17	120 394	10	51
103 647	12	29	120 361	12	27	120 378	17	19	120 394	10	53
103 883	12	3	120 367	12	31	120 380	02	5	120 423	10	51
104 066	06	4	120 367	12	33	120 380	07	17	120 423	10	53
104 071	12	31	120 367	17	9	120 380	08	3	120 614	02	5
104 071	12	33	120 368	07	9	120 380	10	16	120 614	08	3
104 263	04	3	120 368	07	20	120 380	10	49	120 622	07	20
105 404	10	3	120 368	12	7	120 380	10	53	120 622	08	4
106 260	10	11	120 368	12	17	120 380	10	55	120 898	12	9
106 270	17	35	120 368	12	31	120 380	10	61	120 898	12	12
106 649	07	2	120 369	07	6	120 380	11	3	120 900	12	29
107 762	07	3	120 369	12	21	120 380	12	9	121 220	12	26
107 762	07	21	120 369	12	22	120 380	13	5	121 322	12	26
109 461	05	3	120 369	12	27	120 380	17	9	121 574	17	36
109 461	05	5	120 369	12	31	120 380	17	25	121 574	17	38
109 461	07	2	120 369	12	33	120 382	04	2	121 743	08	6
109 461	07	16	120 369	17	37	120 382	04	3	121 839	11	2
109 461	09	5	120 371	12	7	120 382	05	3	121 841	07	20
109 461	10	16	120 375	02	5	120 382	05	4	121 841	08	3
109 461	10	59	120 375	06	2	120 382	06	2	121 841	08	4
109 461	14	5	120 375	06	3	120 382	06	3	124 589	06	4
109 461	17	3	120 375	08	3	120 382	06	4	124 589	09	2
109 461	17	5	120 375	11	3	120 382	07	2	124 589	10	3
109 461	17	8	120 375	12	9	120 382	07	3	124 589	10	6
109 461	17	21	120 375	12	15	120 382	07	4	124 589	10	61
109 461	17	22	120 375	17	3	120 382	07	5	124 589	17	29
109 461	17	24	120 376	02	5	120 382	07	11	124 589	17	36
109 461	17	26	120 376	07	9	120 382	07	12	124 589	17	38
109 462	17	8	120 376	07	20	120 382	07	16	124 824	07	9
109 462	17	26	120 376	08	3	120 382	07	17	124 925	17	9
112 139	12	9	120 376	10	3	120 382	07	19	124 934	05	3
114 353	10	49	120 376	10	6	120 382	07	20	124 934	05	4
114 353	10	53	120 376	10	13	120 382	07	21	124 939	07	3
114 353	10	55	120 376	12	3	120 382	08	4	126 152	07	17
114 630	12	29	120 376	12	8	120 382	08	6	131 044	11	2
114 631	12	29	120 376	12	11	120 382	08	7	131 046	09	6
114 787	07	2	120 376	12	13	120 382	09	6	131 963	12	27
115 058	12	29	120 376	12	15	120 382	10	3	132 255	08	4
115 548	14	7	120 376	12	18	120 382	10	6	133 043	11	3
116 538	05	3	120 376	12	22	120 382	10	7	135 629	07	16
116 538	07	2	120 376	12	31	120 382	10	8	137 133	10	49

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PART NUMBER	SEC	PG	PART NUMBER	SEC	PG	PART NUMBER	SEC	PG	PART NUMBER	SEC	PG
137 133	10	53	180 080	12	9	180 125	07	5	215 458	17	30
137 133	10	55	180 081	02	5	180 126	04	3	216 353	17	35
137 133	10	59	180 081	07	9	180 126	05	3	218 217	10	12
137 894	07	12	180 081	12	31	180 126	05	4	220 086	14	6
138 202	10	58	180 081	12	33	180 126	07	2	220 086	14	7
138 204	10	61	180 081	17	11	180 126	10	12	220 086	14	8
138 222	12	10	180 083	06	5	180 126	17	32	220 086	17	15
138 242	17	35	180 083	07	9	180 128	04	2	220 086	17	17
138 498	07	3	180 083	12	7	180 128	07	2	220 086	17	18
138 542	10	61	180 083	12	17	180 128	10	12	220 086	17	19
138 542	12	27	180 083	17	9	180 130	07	9	220 086	17	29
139 106	17	31	180 084	12	11	180 130	10	11	220 088	13	9
140 284	12	26	180 086	12	8	180 132	17	20	220 088	17	27
140 304	12	26	180 087	12	8	180 153	06	5	220 088	17	28
140 571	17	11	180 087	17	23	180 166	17	23	220 094	17	27
140 582	08	3	180 087	17	25	180 171	06	4	220 094	17	28
140 687	12	23	180 089	12	8	180 171	09	6	220 094	17	29
141 212	14	7	180 112	10	3	180 171	10	7	220 094	17	30
141 242	12	2	180 112	10	6	180 172	14	6	220 094	17	38
141 244	12	4	180 113	12	9	180 173	02	5	220 096	13	11
141 284	12	3	180 116	10	13	180 173	06	5	222 507	07	7
141 287	07	12	180 118	06	4	180 173	07	5	223 809	07	19
141 287	07	17	180 118	13	3	180 173	07	17	223 817	07	18
142 450	08	3	180 120	06	2	180 173	09	6	223 817	07	19
142 450	11	2	180 120	06	3	180 173	10	7	225 505	12	23
142 452	08	3	180 120	07	13	180 173	10	8	225 861	07	12
142 452	11	2	180 120	07	14	180 173	10	13	225 861	07	17
142 506	09	5	180 120	07	15	180 173	12	29	225 861	07	18
143 222	09	3	180 120	07	17	180 173	13	5	225 861	07	19
172 548	07	12	180 120	07	19	180 173	13	9	225 861	13	11
172 558	07	17	180 120	08	7	180 173	14	8	225 861	17	27
172 570	07	12	180 120	10	7	180 173	17	29	225 861	17	28
172 580	07	12	180 120	10	8	180 174	14	6	225 861	17	30
172 602	12	3	180 120	10	13	180 175	05	3	225 861	17	38
178 627	07	17	180 120	10	59	180 175	05	5	271 212	10	47
180 016	07	17	180 120	12	22	180 175	07	16	271 212	10	49
180 016	10	16	180 120	12	23	180 175	07	19	271 212	10	51
180 016	12	15	180 120	12	26	180 175	07	21	271 212	10	53
180 018	12	9	180 120	13	3	180 175	12	29	271 212	10	54
180 018	12	15	180 120	13	6	180 175	13	9	271 212	10	55
180 018	13	5	180 120	17	12	180 175	14	8	271 212	10	59
180 020	08	3	180 120	17	25	180 176	10	16	271 293	10	59
180 022	02	5	180 120	17	29	180 177	07	4	271 501	06	5
180 022	07	22	180 121	07	3	180 177	07	10	271 546	04	3
180 022	17	9	180 121	07	12	180 177	07	13	271 546	07	21
180 024	17	30	180 121	07	16	180 177	07	14	271 546	12	29
180 042	06	2	180 121	09	6	180 177	07	15	271 546	13	5
180 042	06	3	180 121	10	3	180 177	09	6	271 546	17	14
180 056	10	11	180 121	10	6	180 177	10	8	271 547	06	4
180 056	17	11	180 121	17	10	180 177	10	16	271 547	09	2
180 073	07	20	180 121	17	15	180 177	10	17	271 547	09	5
180 073	10	3	180 121	17	24	180 177	13	7	271 547	10	3
180 073	10	6	180 122	07	4	180 177	13	10	271 547	14	8
180 073	17	31	180 122	07	20	180 177	13	11	271 547	17	27
180 073	17	38	180 122	07	21	180 177	17	17	271 547	17	28
180 075	02	5	180 122	07	22	180 177	17	19	271 547	17	38
180 075	05	5	180 122	08	4	180 179	07	21	271 548	07	17
180 075	10	13	180 122	08	6	180 179	09	5	271 548	09	3
180 075	12	2	180 122	08	7	180 179	09	6	271 548	10	16
180 075	12	8	180 122	09	6	180 181	14	7	271 548	12	29
180 075	13	4	180 122	10	3	180 183	17	4	271 548	13	5
180 077	02	5	180 122	10	6	180 183	17	5	271 548	17	36
180 077	07	4	180 122	10	14	180 185	17	4	271 604	12	7
180 077	07	12	180 122	10	61	180 185	17	5	271 715	14	2
180 077	08	6	180 122	12	8	180 188	10	8	271 723	07	12
180 077	10	13	180 122	12	10	180 190	17	4	271 723	17	29
180 077	12	3	180 122	13	3	180 190	17	5	271 724	04	2
180 077	12	9	180 122	17	23	180 197	12	12	271 724	10	6
180 077	12	10	180 122	17	31	180 735	12	8	271 724	10	61
180 077	12	15	180 122	17	32	181 352	17	10	271 725	07	17
180 077	12	17	180 122	17	34	181 637	10	16	271 727	09	3
180 077	12	26	180 123	07	11	181 637	10	17	271 728	09	3
180 077	13	4	180 123	07	21	181 646	17	37	271 729	05	3
180 077	13	5	180 123	12	16	181 696	07	16	271 729	07	2
180 078	12	8	180 124	05	4	187 147	07	17	271 729	17	38
180 078	12	9	180 124	06	3	187 147	12	13	271 731	09	5
180 078	13	4	180 124	07	9	187 357	10	59	271 731	09	6
180 078	17	11	180 124	07	19	188 943	10	17	271 731	17	36
180 078	17	37	180 124	09	6	189 295	08	6	271 731	17	38
180 079	07	11	180 124	10	11	189 298	10	61	271 733	14	3
180 079	12	8	180 124	10	61	189 305	10	61	271 733	17	36
180 079	12	9	180 124	12	17	189 306	10	11	271 756	17	36
180 079	17	23	180 124	17	14	214 442	15	2	271 756	17	38
180 080	07	21	180 124	17	20	214 442	15	3	271 758	17	36

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PART NUMBER	SEC	PG	PART NUMBER	SEC	PG	PART NUMBER	SEC	PG	PART NUMBER	SEC	PG
271 765	09	6	1 846 864	08	5	9 410 282	10	6	154 514 C91	17	23
271 767	13	7	1 846 900	08	5	9 410 283	10	6	154 514 C91	17	25
271 767	13	9	1 847 933	08	5	9 410 311	10	6	160 558 C91	14	6
271 767	14	7	1 851 612	08	5	9 410 359	10	14	160 558 C91	14	8
271 769	17	14	1 852 101	08	5	9 410 359	10	51	258 453 C91	07	10
271 773	14	5	1 862 383	08	4	9 410 359	10	53	281 800 C92	12	31
271 773	17	15	1 869 573	08	5	9 410 360	10	58	281 800 C92	12	33
271 773	17	29	1 875 627	08	5	9 410 361	14	3	281 824 C92	07	9
271 779	13	7	1 876 470	08	5	9 410 362	10	19	281 824 C92	07	20
271 779	13	9	1 876 668	08	5	9 410 362	10	21	281 824 C92	12	31
271 779	13	10	1 876 873	08	5	9 410 362	10	23	284 874 C2	11	3
271 779	13	11	1 887 021	08	4	9 410 362	10	25	299 256 C91	08	3
271 781	13	7	1 913 960	08	4	9 410 362	10	27	299 416 C1	17	25
271 781	13	9	1 914 580	08	4	9 410 362	10	29	306 132 C1	10	7
272 121	07	21	1 914 842	08	4	9 410 362	10	30	315 328 C91	12	29
272 139	07	19	1 915 172	08	5	9 410 362	10	32	337 486 C1	13	3
272 336	07	7	1 916 439	08	4	9 410 362	10	35	359 798 C1	17	22
273 312	17	38	1 919 851	08	4	9 410 362	10	37	366 078 C1	11	2
273 355	17	10	1 926 618	08	4	9 410 362	10	38	366 078 C1	11	3
273 355	17	13	1 926 622	08	4	9 410 362	10	41	384 768 C1	06	3
273 360	17	21	1 928 015	08	4	9 410 362	10	42	423 649 C91	08	5
273 360	17	22	1 928 021	08	4	9 410 362	10	45	606 252 C91	14	9
274 738	08	4	1 928 022	08	4	9 410 363	10	13	606 627 C91	14	9
274 875	08	4	1 928 023	08	4	9 410 976	10	61	610 513 C1	07	10
426 367	10	54	1 932 197	08	4	9 410 977	06	2	610 547 C1	10	11
426 367	10	55	1 938 596	08	4	9 410 977	10	6	610 557 C91	02	2
426 639	14	5	1 940 385	08	4	9 410 977	10	13	610 751 C1	07	9
426 899	09	4	1 940 477	08	4	9 410 977	10	61	610 755 C1	07	9
427 637	09	3	1 941 113	08	4	9 410 977	10	62	610 760 C1	07	9
432 644	08	3	1 941 978	08	5	9 410 977	10	63	615 544 C1	07	4
432 644	11	2	1 946 434	08	4	9 410 979	10	3	619 072 C91	17	8
433 115	10	11	1 951 567	08	4	9 410 979	10	6	619 743 C1	11	2
436 695	07	20	1 952 427	08	4	9 411 105	17	6	621 657 C91	08	3
436 736	12	27	1 955 946	08	4	9 411 105	17	7	621 657 C91	11	2
436 750	02	5	1 956 975	08	5	9 411 105	17	9	625 742 C91	07	19
436 750	08	3	1 958 679	08	4	9 411 105	17	11	625 743 C1	07	19
443 672	11	2	1 959 514	08	4	9 411 105	17	12	631 147 C1	10	49
443 874	06	2	1 959 991	08	5	9 411 105	17	20	631 147 C1	10	53
444 576	17	31	1 960 853	08	4	9 411 107	06	3	631 147 C1	10	55
444 588	17	31	1 960 864	08	4	9 411 107	10	3	647 172 C1	02	3
444 595	12	22	1 960 866	08	4	9 411 107	10	6	702 172 C1	12	23
444 660	10	14	1 960 890	08	3	9 411 109	10	7	702 248 C3	13	5
444 667	12	17	1 960 908	08	4	9 411 110	10	3	805 941 C1	07	9
444 687	10	15	1 962 276	08	4	9 411 110	10	6	805 941 C1	12	31
444 688	07	12	1 963 139	08	5	9 411 118	10	13	805 941 C1	12	33
444 688	07	17	1 964 117	08	5	9 411 118	10	61	816 502 C1	10	6
444 688	10	12	1 964 954	08	4	9 411 118	10	62	816 502 C1	17	6
444 688	10	58	1 965 104	08	5	9 411 133	10	6	816 502 C1	17	7
444 688	14	6	1 965 429	08	4	9 412 083	07	17	816 502 C1	17	9
444 688	14	7	1 966 923	08	4	9 413 953	05	3	816 502 C1	17	25
444 688	14	8	1 970 026	08	4	9 413 960	07	11	823 029 C91	08	3
444 692	07	18	1 970 525	08	5	9 413 962	13	7	823 029 C91	08	6
444 692	07	19	1 971 519	08	5	9 413 962	13	9	823 031 C1	08	6
444 697	07	17	1 971 528	08	5	9 413 962	13	10	850 015 C1	09	2
444 697	10	13	1 971 986	08	5	9 413 962	13	11	850 030 C91	02	4
444 703	07	22	1 971 993	08	5	9 413 967	12	29	850 030 C91	07	11
444 704	07	12	9 402 787	06	2	9 416 471	17	10	850 031 C91	02	4
444 704	17	36	9 402 789	06	3	9 416 471	17	21	850 031 C91	07	7
445 213	06	2	9 402 823	07	2	9 416 471	17	24	850 053 C1	17	17
445 213	06	3	9 402 982	17	20	9 416 471	17	26	850 054 C1	17	17
445 572	17	3	9 403 256	10	6	9 417 863	08	3	850 059 C1	12	22
445 684	17	31	9 403 256	10	63	9 417 863	11	2	850 072 C1	17	28
445 751	10	15	9 403 294	17	6	9 421 423	08	4	850 078 C1	17	28
446 179	12	27	9 403 294	17	7	9 421 424	08	4	850 081 C1	17	28
446 641	12	8	9 403 294	17	23	9 427 815	08	4	850 081 C1	17	28
453 049	13	5	9 403 295	10	6	9 427 882	08	4	850 091 C2	12	29
453 434	08	5	9 403 295	10	63	9 428 056	08	4	850 092 C1	12	29
453 435	08	4	9 403 296	10	6				850 093 C1	12	29
453 468	08	4	9 403 372	10	13				850 094 C1	17	9
455 106	08	4	9 403 372	10	62				850 102 C1	07	21
800 832	08	5	9 403 373	10	63				850 103 C1	07	21
801 824	08	5	9 409 931	12	29				850 104 C1	07	21
809 593	08	4	9 409 934	11	3				850 105 C1	10	19
820 149	08	4	9 409 949	10	15				850 105 C1	10	21
1 102 363	08	3	9 410 203	10	61				850 105 C1	10	23
1 102 363	08	5	9 410 203	17	6				850 105 C1	10	25
1 102 363	08	6	9 410 203	17	7				850 105 C1	10	27
1 107 867	08	3	9 410 203	17	9				850 105 C1	10	29
1 107 867	08	4	9 410 203	17	12				850 105 C1	10	31
1 114 209	08	3	9 410 203	17	20	57 319 C91	17	20	850 105 C1	10	33
1 114 356	08	4	9 410 203	17	23	57 319 C91	17	22	850 105 C1	10	35
1 115 834	08	3	9 410 203	17	25	57 338 C1	17	22	850 105 C1	10	37
1 116 387	08	5	9 410 204	10	6	57 341 C1	17	22	850 105 C1	10	39
1 846 548	08	5	9 410 259	10	7	61 907 C1	02	3	850 105 C1	10	41
						68 819 C1	02	3	850 105 C1	10	43

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PART NUMBER	SEC	PG	PART NUMBER	SEC	PG	PART NUMBER	SEC	PG	PART NUMBER	SEC	PG
850 105 C1	10	45	850 131 C1	10	49	850 162 C91	10	45	850 378 C91	10	7
850 107 C92	10	19	850 131 C1	10	51	850 164 C91	02	4	850 381 C91	02	4
850 107 C92	10	21	850 131 C1	10	53	850 164 C91	10	51	850 381 C91	10	19
850 107 C92	10	23	850 131 C1	10	54	850 164 C91	10	53	850 381 C91	10	23
850 107 C92	10	25	850 131 C1	10	55	850 164 C91	10	56	850 381 C91	10	27
850 107 C92	10	27	850 132 C1	10	47	850 164 C91	10	57	850 383 C91	02	4
850 107 C92	10	29	850 132 C1	10	49	850 164 C91	10	58	850 383 C91	10	31
850 107 C92	10	31	850 133 C1	10	47	850 165 C91	02	4	850 383 C91	10	35
850 107 C92	10	33	850 133 C1	10	49	850 165 C91	10	47	850 383 C91	10	39
850 107 C92	10	35	850 134 C1	10	47	850 172 C1	09	2	850 383 C91	10	43
850 107 C92	10	37	850 134 C1	10	49	850 176 C1	08	3	850 394 C11	10	7
850 107 C92	10	39	850 135 C1	10	51	850 177 C1	07	14	850 395 C1	10	7
850 107 C92	10	41	850 135 C1	10	53	850 209 C91	02	4	850 396 C1	10	7
850 107 C92	10	43	850 136 C1	10	51	850 209 C91	10	15	850 404 C1	10	7
850 107 C92	10	45	850 136 C1	10	53	850 210 C91	02	4	850 406 C1	10	7
850 108 C1	10	57	850 138 C1	10	51	850 210 C91	10	15	850 412 C1	17	17
850 115 C91	10	19	850 138 C1	10	53	850 211 C91	02	4	850 417 C91	10	7
850 115 C91	10	23	850 138 C1	10	54	850 211 C91	10	11	850 420 C2	02	5
850 115 C91	10	27	850 138 C1	10	55	850 214 C1	17	14	850 422 C91	10	6
850 115 C91	10	31	850 139 C1	10	51	850 215 C91	02	4	850 423 C91	10	6
850 115 C91	10	35	850 139 C1	10	53	850 215 C91	07	16	850 424 C1	10	6
850 115 C91	10	38	850 140 C1	10	51	850 216 C91	02	4	850 425 C1	10	6
850 115 C91	10	39	850 140 C1	10	53	850 216 C91	07	11	850 426 C91	10	6
850 115 C91	10	42	850 141 C1	10	51	850 217 C91	02	4	850 427 C91	10	6
850 115 C91	10	43	850 141 C1	10	53	850 217 C91	07	11	850 428 C91	10	7
850 115 C91	10	47	850 142 C1	10	51	850 218 C1	08	3	850 432 C1	06	2
850 116 C91	10	27	850 142 C1	10	53	850 228 C2	12	29	850 432 C1	06	3
850 116 C91	10	31	850 143 C1	10	54	850 228 C2	13	5	850 433 C91	06	2
850 116 C91	10	39	850 143 C1	10	55	850 229 C2	12	29	850 435 C1	07	21
850 116 C91	10	43	850 144 C1	10	54	850 229 C2	13	5	850 436 C1	06	5
850 116 C91	10	51	850 144 C1	10	55	850 237 C92	10	12	850 437 C1	12	29
850 117 C91	10	23	850 145 C91	10	23	850 238 C93	10	12	850 441 C1	08	3
850 117 C91	10	30	850 145 C91	10	25	850 240 C1	07	22	850 442 C1	08	3
850 117 C91	10	31	850 145 C91	10	27	850 241 C1	12	29	850 443 C1	08	3
850 117 C91	10	35	850 145 C91	10	29	850 242 C91	07	5	850 447 C92	02	4
850 117 C91	10	39	850 145 C91	10	31	850 242 C91	10	12	850 447 C92	10	8
850 117 C91	10	43	850 145 C91	10	33	850 243 C1	07	4	850 447 C92	10	9
850 117 C91	10	54	850 145 C91	10	39	850 246 C1	12	29	850 448 C91	17	9
850 118 C91	10	19	850 145 C91	10	41	850 247 C1	17	4	850 449 C1	10	14
850 118 C91	10	21	850 145 C91	10	43	850 247 C1	17	5	850 450 C2	10	7
850 118 C91	10	27	850 145 C91	10	45	850 261 C91	02	4	850 451 C1	08	6
850 118 C91	10	29	850 145 C91	10	57	850 261 C91	10	19	850 454 C91	17	4
850 118 C91	10	31	850 146 C91	10	23	850 261 C91	10	23	850 454 C91	17	5
850 118 C91	10	33	850 146 C91	10	25	850 261 C91	10	27	850 458 C91	17	4
850 118 C91	10	35	850 146 C91	10	31	850 261 C91	10	31	850 458 C91	17	5
850 118 C91	10	37	850 146 C91	10	33	850 261 C91	10	35	850 459 C1	17	4
850 118 C91	10	39	850 146 C91	10	35	850 261 C91	10	39	850 459 C1	17	5
850 118 C91	10	41	850 146 C91	10	37	850 261 C91	10	43	850 465 C1	17	28
850 118 C91	10	43	850 146 C91	10	39	850 262 C1	17	6	850 469 C1	14	6
850 118 C91	10	45	850 146 C91	10	41	850 262 C1	17	7	850 476 C91	10	12
850 118 C91	10	47	850 146 C91	10	43	850 262 C1	17	9	850 477 C11	17	11
850 118 C91	10	49	850 146 C91	10	45	850 266 C1	08	3	850 479 C11	17	11
850 118 C91	10	51	850 146 C91	10	57	850 268 C1	12	29	850 484 C1	05	3
850 118 C91	10	53	850 148 C1	10	59	850 269 C1	12	29	850 487 C1	07	20
850 118 C91	10	54	850 149 C1	10	19	850 270 C2	17	30	850 507 C1	17	38
850 118 C91	10	55	850 149 C1	10	21	850 285 C1	07	4	850 510 C1	17	3
850 118 C91	10	58	850 150 C1	10	23	850 285 C1	10	11	850 523 C91	10	63
850 119 C91	10	23	850 150 C1	10	25	850 298 C1	07	7	850 529 C91	17	5
850 119 C91	10	25	850 150 C1	10	27	850 300 C1	17	36	850 531 C1	17	5
850 119 C91	10	31	850 150 C1	10	29	850 301 C1	17	36	850 550 C1	17	5
850 119 C91	10	33	850 151 C1	10	31	850 302 C1	17	36	850 551 C91	17	5
850 119 C91	10	39	850 151 C1	10	33	850 303 C1	17	36	850 552 C1	17	13
850 119 C91	10	41	850 151 C1	10	35	850 304 C1	17	36	850 553 C1	17	5
850 119 C91	10	56	850 151 C1	10	37	850 305 C1	17	36	850 566 C1	17	13
850 120 C1	10	47	850 152 C1	10	39	850 313 C1	10	8	850 572 C91	17	12
850 120 C1	10	51	850 152 C1	10	41	850 316 C1	10	6	850 573 C91	17	12
850 120 C1	10	54	850 152 C1	10	43	850 317 C1	10	6	850 582 C1	17	14
850 123 C1	10	51	850 152 C1	10	45	850 318 C1	14	3	850 589 C1	17	28
850 123 C1	10	53	850 153 C91	02	4	850 328 C91	06	5	850 613 C91	08	3
850 123 C1	10	56	850 153 C91	10	8	850 334 C1	10	11	850 613 C91	11	2
850 123 C1	10	57	850 162 C91	02	4	850 349 C91	17	38	850 615 C1	07	13
850 123 C1	10	58	850 162 C91	10	19	850 349 C92	17	30	850 615 C1	07	14
850 124 C1	10	51	850 162 C91	10	21	850 350 C92	17	30	850 615 C1	07	15
850 124 C1	10	53	850 162 C91	10	23	850 350 C92	17	38	850 623 C91	10	11
850 124 C1	10	56	850 162 C91	10	25	850 351 C1	17	38	850 623 C91	10	12
850 124 C1	10	57	850 162 C91	10	27	850 353 C1	10	8	850 625 C1	17	38
850 124 C1	10	58	850 162 C91	10	29	850 358 C92	10	6	850 633 C1	15	2
850 128 C1	10	47	850 162 C91	10	31	850 358 C92	10	8	850 638 C1	17	23
850 128 C1	10	49	850 162 C91	10	33	850 358 C92	10	9	850 646 C2	17	23
850 129 C1	10	47	850 162 C91	10	35	850 359 C2	10	6	850 646 C2	17	25
850 129 C1	10	49	850 162 C91	10	37	850 360 C1	10	8	850 647 C11	17	12
850 130 C1	10	47	850 162 C91	10	39	850 361 C1	10	8	850 648 C11	17	12
850 130 C1	10	49	850 162 C91	10	41	850 366 C91	02	4	850 649 C1	17	12
850 131 C1	10	47	850 162 C91	10	43	850 366 C91	10	7	850 650 C11	17	12

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850 651 C11	17	12	850 829 C91	02	4	852 054 C2	10	58	852 333 C1	07	14
850 652 C1	17	12	850 829 C91	10	49	852 056 C1	10	58	852 333 C1	07	15
850 653 C91	17	25	850 832 C91	02	4	852 057 C91	10	58	852 334 C1	07	15
850 661 C11	17	11	850 832 C91	10	21	852 057 C91	10	61	852 335 C1	07	13
850 662 C11	17	11	850 832 C91	10	25	852 058 C1	10	58	852 335 C1	07	14
850 667 C91	14	8	850 832 C91	10	29	852 059 C1	10	58	852 335 C1	07	15
850 671 C91	14	8	850 834 C91	02	4	852 060 C1	10	58	852 337 C91	12	23
850 674 C1	13	3	850 834 C91	10	33	852 066 C1	10	58	852 337 C91	12	24
850 676 C1	07	17	850 834 C91	10	37	852 068 C1	06	4	852 338 C1	12	23
850 678 C1	13	4	850 834 C91	10	41	852 069 C1	06	4	852 343 C1	08	7
850 678 C1	17	25	850 834 C91	10	45	852 072 C1	13	3	852 344 C1	08	7
850 680 C1	14	5	850 835 C91	10	21	852 078 C1	06	4	852 356 C1	05	4
850 680 C1	17	10	850 835 C91	10	25	852 079 C1	13	3	852 357 C1	05	4
850 680 C1	17	15	850 835 C91	10	29	852 081 C1	09	2	852 358 C91	05	4
850 680 C1	17	21	850 835 C91	10	33	852 082 C1	09	2	852 368 C1	08	7
850 680 C1	17	22	850 835 C91	10	37	852 086 C1	13	3	852 369 C1	13	3
850 680 C1	17	24	850 835 C91	10	41	852 089 C1	13	3	852 370 C1	13	3
850 680 C1	17	26	850 835 C91	10	45	852 091 C1	10	61	852 384 C91	02	2
850 685 C1	07	16	850 835 C91	10	49	852 093 C1	10	61	852 385 C91	07	17
850 685 C1	07	17	850 836 C91	10	29	852 094 C1	06	4	852 385 C91	07	18
850 696 C1	07	18	850 836 C91	10	33	852 098 C1	04	3	852 386 C91	07	17
850 697 C1	17	18	850 836 C91	10	41	852 099 C1	04	2	852 386 C91	07	18
850 698 C1	17	18	850 836 C91	10	45	852 101 C1	05	5	852 395 C1	02	5
850 699 C1	17	18	850 836 C91	10	53	852 108 C1	10	61	852 396 C1	10	13
850 701 C1	17	18	850 837 C91	10	25	852 109 C1	10	61	852 398 C1	14	7
850 702 C1	17	18	850 837 C91	10	32	852 110 C1	10	61	852 400 C1	14	7
850 707 C1	17	24	850 837 C91	10	33	852 111 C1	10	61	852 401 C1	14	7
850 715 C1	13	10	850 837 C91	10	37	852 112 C1	10	3	852 404 C1	14	7
850 715 C1	17	38	850 837 C91	10	41	852 112 C1	10	6	852 405 C1	14	7
850 716 C1	13	10	850 837 C91	10	45	852 112 C1	10	61	852 428 C1	10	3
850 716 C1	17	38	850 837 C91	10	55	852 115 C1	06	4	852 428 C1	10	6
850 722 C91	17	23	850 851 C1	09	3	852 121 C1	06	4	852 429 C1	10	3
850 722 C91	17	24	850 852 C1	09	3	852 124 C1	06	4	852 429 C1	10	6
850 735 C1	13	3	850 853 C1	09	3	852 132 C1	13	7	852 430 C1	14	3
850 750 C91	10	6	850 855 C91	02	4	852 132 C1	13	9	852 437 C1	14	3
850 750 C91	10	7	850 855 C91	15	2	852 133 C1	13	7	852 440 C91	08	3
850 751 C91	10	6	850 856 C1	17	27	852 133 C1	13	9	852 442 C91	08	3
850 763 C1	13	9	850 856 C1	17	28	852 136 C1	06	4	852 443 C1	14	5
850 767 C1	13	9	850 860 C91	10	9	852 141 C91	02	5	852 448 C1	14	5
850 768 C1	13	9	850 861 C91	10	9	852 144 C1	10	13	852 449 C1	14	5
850 768 C1	17	27	850 862 C91	10	9	852 147 C1	06	3	852 455 C1	14	5
850 774 C1	13	9	850 864 C1	10	9	852 148 C1	13	3	852 473 C1	14	5
850 788 C91	17	3	850 866 C1	10	9	852 149 C1	13	3	852 474 C1	07	19
850 790 C91	07	7	850 868 C1	10	9	852 200 C91	12	29	852 476 C1	09	6
850 790 C91	07	9	850 870 C1	10	9	852 201 C91	12	29	852 477 C1	17	11
850 791 C91	07	9	850 874 C1	10	9	852 209 C1	02	5	852 485 C91	09	2
850 794 C1	07	9	850 876 C1	10	9	852 212 C1	02	5	852 493 C1	13	6
850 795 C1	07	5	850 880 C1	10	49	852 232 C1	10	13	852 505 C1	13	6
850 796 C1	17	3	850 880 C1	10	53	852 235 C1	12	31	852 507 C91	02	4
850 797 C1	17	3	850 880 C1	10	55	852 235 C1	12	33	852 507 C91	14	5
850 801 C91	07	9	850 881 C91	02	4	852 238 C1	12	31	852 507 C91	14	6
850 802 C1	07	9	850 881 C91	10	53	852 239 C1	12	33	852 507 C91	14	8
850 803 C1	07	5	850 881 C91	10	55	852 242 C1	12	31	852 509 C91	10	13
850 804 C1	17	3	850 882 C1	10	49	852 242 C1	12	33	852 510 C1	14	2
850 805 C1	17	3	850 882 C1	10	53	852 245 C1	07	9	852 511 C1	14	2
850 806 C1	17	3	850 882 C1	10	55	852 245 C1	12	31	852 520 C1	07	19
850 809 C1	17	3	850 883 C1	10	49	852 248 C1	07	9	852 521 C1	07	19
850 810 C1	17	3	850 884 C1	10	49	852 249 C1	07	9	852 522 C1	07	19
850 811 C1	17	3	850 885 C1	10	51	852 249 C1	12	31	852 524 C1	07	19
850 813 C1	17	38	850 885 C1	10	53	852 251 C1	12	31	852 525 C1	07	19
850 814 C1	17	38	850 887 C1	10	53	852 254 C1	12	31	852 528 C1	07	19
850 815 C1	17	38	850 898 C1	10	17	852 259 C1	12	31	852 529 C1	07	19
850 816 C1	17	38	851 663 C2	13	11	852 262 C1	14	2	852 530 C1	07	19
850 817 C1	17	38	851 664 C1	13	11	852 263 C1	14	2	852 533 C1	07	19
850 824 C1	07	11	851 670 C2	13	10	852 272 C1	13	5	852 534 C1	07	19
850 825 C1	07	11	851 670 C2	13	11	852 296 C1	13	6	852 535 C1	07	19
850 827 C91	02	4	851 672 C1	13	11	852 299 C1	13	6	852 536 C1	07	19
850 827 C91	10	21	851 700 C1	07	17	852 310 C1	14	8	852 542 C91	17	17
850 827 C91	10	25	852 001 C1	04	3	852 311 C1	14	6	852 545 C91	17	18
850 827 C91	10	29	852 003 C1	07	17	852 312 C1	14	6	852 551 C91	17	14
850 827 C91	10	33	852 005 C1	04	3	852 312 C1	14	8	852 569 C1	13	10
850 827 C91	10	37	852 006 C1	04	3	852 314 C1	14	3	852 569 C1	17	29
850 827 C91	10	41	852 007 C91	02	3	852 317 C1	08	6	852 571 C1	17	29
850 827 C91	10	45	852 008 C91	02	4	852 318 C1	08	6	852 572 C1	13	10
850 827 C91	10	49	852 008 C91	07	19	852 321 C1	10	59	852 574 C1	13	10
850 827 C91	10	53	852 009 C91	02	4	852 323 C1	10	13	852 575 C1	17	14
850 827 C91	10	55	852 009 C91	14	6	852 324 C1	10	3	852 576 C1	17	14
850 828 C91	10	21	852 010 C91	02	4	852 324 C1	10	6	852 583 C2	14	8
850 828 C91	10	25	852 011 C91	02	4	852 325 C1	10	3	852 584 C2	14	8
850 828 C91	10	29	852 011 C91	14	7	852 325 C1	10	6	852 585 C1	14	8
850 828 C91	10	32	852 026 C1	10	61	852 329 C1	10	13	852 586 C1	14	5
850 828 C91	10	37	852 032 C1	04	2	852 331 C91	09	2	852 587 C1	14	5
850 828 C91	10	41	852 033 C1	04	2	852 332 C1	02	5	852 591 C1	17	14
850 828 C91	10	45	852 038 C91	02	3	852 333 C1	07	13	852 594 C1	17	20

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852	595	C1	17	20	927 931 C1	10	9	202 524 H1	17	37	17 008 R1	10	14
852	596	C1	17	20				202 528 H1	17	37	17 008 R1	17	36
852	597	C1	17	20				202 529 H1	17	37	17 020 R1	10	15
852	598	C1	17	20	D			202 530 H1	17	37	17 024 R1	10	8
852	599	C1	17	20				202 531 H1	17	37	17 055 R1	10	61
852	600	C1	17	20				202 532 H1	17	37	17 175 R1	17	34
852	601	C1	17	23	13 390 D	07	16	202 533 H1	17	37	18 518 R1	17	33
852	602	C1	17	23	16 117 D	12	22	202 534 H1	17	37	18 530 R1	10	15
852	603	C1	17	23	32 596 D	12	27	215 334 H1	17	30	18 607 R1	17	33
852	604	C1	17	25	36 092 D	11	3	215 334 H1	17	37	19 351 R1	08	3
852	605	C1	17	25	41 935 D	04	2	215 458 H1	17	32	19 626 R91	09	2
852	606	C91	17	23	48 594 DA	07	20	217 443 H1	17	35	19 712 R1	07	7
852	607	C91	17	16	52 846 D	07	21	217 444 H1	17	35	19 717 R1	11	3
852	611	C1	17	16	58 327 D	02	2	217 445 H2	17	35	19 824 R1	17	38
852	612	C1	17	16	59 939 D	11	3	217 446 H1	17	31	19 877 R1	07	5
852	614	C91	17	23				217 447 H2	17	33	19 892 R1	10	12
852	615	C91	17	23				217 448 H1	17	33	19 947 R1	10	14
852	616	C91	14	5	H			217 450 H1	17	33	19 952 R1	09	4
852	619	C1	14	5				217 451 H1	17	33	19 996 R1	07	5
852	620	C91	07	19				217 452 H1	17	33	20 138 R1	10	12
852	621	C91	07	19	8 905 H	17	35	217 453 H1	17	33	20 166 R1	17	29
852	622	C91	07	19	20 285 H	12	15	217 454 H1	17	34	20 197 R1	14	8
852	623	C91	07	19	20 285 H	12	21	217 455 H1	17	34	20 251 R1	17	8
852	624	C91	02	4	48 887 H	17	34	217 456 H1	17	31	20 300 R1	13	10
852	624	C91	07	19	49 660 H	17	34	217 457 H1	17	34	20 483 R1	17	31
852	626	C1	12	29	49 661 H	17	34	217 458 H1	17	32	20 601 R1	02	5
852	630	C91	17	14	51 902 H	17	32	217 459 H1	17	34	20 601 R1	06	5
852	646	C91	10	61	51 905 H	17	32	217 461 H1	17	32	20 601 R1	09	6
852	649	C1	17	29	64 022 H	08	3	217 463 H1	17	31	20 601 R1	10	13
852	652	C1	05	5	68 740 H	07	3	217 467 H1	17	32	20 601 R1	11	2
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852	679	C91	10	11	103 760 H1	12	23	217 493 H1	17	34	20 694 R1	13	11
852	679	C91	10	12	105 496 H	07	10	217 494 H1	17	31	20 697 R1	10	14
852	691	C91	14	5	105 497 H	07	11	217 496 H1	17	31	20 710 R1	10	51
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852	725	C91	06	3	158 397 H1	12	31	217 506 H1	17	32	20 803 R1	10	7
852	728	C1	12	23	158 397 H1	12	33	217 507 H1	17	33	20 903 R1	10	9
852	730	C91	10	7	172 143 H1	17	3	217 508 H1	17	33	20 903 R1	10	11
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875	488	C91	17	32	202 437 H1	17	31	217 524 H1	17	32	21 211 R1	09	6
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886	015	C1	17	32	202 447 H1	17	35	Q 398	10	11	21 434 R1	17	27
890	874	C1	17	31	202 450 H1	17	34	Q 1 179	04	3	21 434 R1	17	28
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892	356	C1	17	37	202 462 H1	17	35	Q 3 512	10	59	21 471 R1	10	61
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892	529	C91	17	37	202 480 H1	17	34				21 742 R1	05	3
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893	395	C91	17	34	202 484 H1	17	32				21 753 R1	14	5
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210 511 R1	12	29	343 905 R1	10	61	378 536 R2	17	21	392 382 R1	10	53
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253 070 R1	17	10	360 501 R2	07	2	379 960 R1	17	10	395 686 R1	12	26
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403 622 R1	17	24	473 820 R91	17	7	570 828 R1	17	9	635 091 R1	07	2
403 622 R1	17	26	477 182 R1	17	8	570 828 R1	17	11	635 091 R1	07	4
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467 750 R1	13	10	548 557 R1	17	13	619 855 R1	10	13	636 736 R3	15	2
467 750 R1	13	11	548 558 R1	17	13	619 855 R1	10	16	636 737 R3	15	2
467 750 R1	14	7	550 796 R1	13	3	619 855 R1	13	4	636 738 R1	15	2
467 750 R1	17	14	550 850 R91	07	11	619 855 R1	17	11	636 739 R1	15	2
467 750 R1	17	29	555 026 R1	05	3	619 856 R1	04	2	636 740 R1	15	2
468 280 R1	17	3	557 950 R1	07	5	619 856 R1	06	2	636 741 R1	15	2
468 280 R1	17	5	557 950 R1	08	7	619 856 R1	07	6	636 761 R1	15	2
468 280 R1	17	8	561 142 R1	13	7	619 856 R1	10	61	636 762 R1	15	2
468 280 R1	17	14	561 142 R1	13	9	619 856 R1	12	23	636 786 R1	15	2
468 337 R1	07	20	561 142 R1	13	10	619 856 R1	13	3	636 795 R1	15	2
469 805 R1	17	27	561 142 R1	13	11	619 856 R1	13	5	637 861 R91	17	11
469 805 R1	17	28	567 845 R1	07	7	619 856 R1	13	6	641 207 R1	07	11
469 997 R1	17	6	567 846 R91	07	7	619 856 R1	14	5	644 771 R1	07	7
469 997 R1	17	7	570 828 R1	06	2	619 856 R1	17	10	647 250 R92	08	7
470 585 R1	10	58	570 828 R1	10	6	619 856 R1	17	12	659 380 R1	07	20
471 267 R95	02	4	570 828 R1	10	7	619 856 R1	17	15	659 458 R91	07	11
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666 719 R1	10	56	676 108 R1	07	12	676 827 R91	07	17	677 010 R2	07	5
666 719 R1	10	57	676 108 R1	07	17	676 827 R91	07	21	677 011 R1	07	5
666 719 R1	10	58	676 108 R1	07	18	676 828 R2	07	17	677 012 R1	07	10
667 933 R1	07	22	676 108 R1	07	19	676 829 R1	07	17	677 013 R1	07	5
675 140 R1	14	3	676 128 R1	09	3	676 830 R1	07	17	677 014 R11	07	12
675 151 R11	14	7	676 165 R1	02	5	676 832 R1	07	17	677 015 R11	07	12
675 167 R91	07	20	676 205 R1	09	3	676 833 R1	07	17	677 016 R1	07	12
675 171 R1	17	30	676 207 R1	09	3	676 834 R1	07	17	677 017 R1	07	12
675 297 R92	17	12	676 266 R1	17	19	676 835 R1	02	2	677 024 R1	07	5
675 362 R11	17	21	676 267 R1	17	19	676 835 R1	06	5	677 024 R1	10	12
675 362 R11	17	22	676 268 R1	17	19	676 835 R1	08	6	677 025 R11	10	12
675 364 R11	17	15	676 269 R1	17	17	676 842 R1	06	5	677 026 R91	10	12
675 365 R11	17	15	676 269 R1	17	19	676 843 R2	06	5	677 028 R1	10	12
675 367 R11	17	15	676 276 R1	17	17	676 844 R1	07	11	677 030 R2	10	12
675 549 R1	10	14	676 399 R1	10	15	676 844 R1	07	16	677 032 R1	10	12
675 550 R1	07	12	676 474 R1	15	2	676 850 R11	07	16	677 033 R11	10	12
675 565 R91	10	12	676 488 R91	02	4	676 851 R1	05	4	677 034 R11	10	12
675 566 R1	10	11	676 488 R91	15	2	676 851 R1	07	17	677 035 R91	07	5
675 567 R1	06	3	676 545 R92	07	21	676 852 R91	07	16	677 035 R91	10	12
675 567 R1	10	11	676 545 R92	07	22	676 853 R1	07	16	677 036 R91	10	11
675 568 R1	10	11	676 546 R1	07	21	676 855 R91	07	16	677 039 R1	10	11
675 572 R1	10	14	676 547 R2	07	21	676 859 R1	06	5	677 040 R91	02	2
675 577 R1	10	14	676 562 R91	07	21	676 862 R1	07	16	677 040 R91	10	11
675 578 R1	10	14	676 578 R91	07	7	676 862 R1	07	17	677 041 R1	10	11
675 580 R2	10	14	676 580 R1	07	7	676 862 R1	07	19	677 042 R1	10	11
675 583 R1	10	11	676 586 R1	07	22	676 863 R1	07	19	677 043 R91	10	11
675 584 R1	10	11	676 587 R1	07	22	676 865 R1	07	19	677 043 R91	10	14
675 588 R1	10	14	676 588 R1	07	22	676 871 R91	07	19	677 044 R91	10	11
675 589 R1	10	15	676 590 R1	07	22	676 872 R1	07	19	677 044 R91	10	14
675 593 R1	10	14	676 591 R1	07	21	676 893 R11	04	2	677 045 R1	07	6
675 594 R1	10	11	676 591 R1	07	22	676 894 R1	04	2	677 049 R1	07	6
675 595 R1	10	11	676 592 R1	07	22	676 895 R1	04	2	677 050 R1	07	6
675 610 R1	07	7	676 593 R1	07	22	676 895 R1	07	2	677 052 R1	07	6
675 610 R1	07	10	676 594 R1	07	22	676 896 R1	04	2	677 053 R1	07	6
675 610 R1	07	11	676 595 R1	07	22	676 897 R1	04	2	677 054 R1	07	6
675 615 R1	12	31	676 609 R91	07	22	676 898 R1	04	2	677 058 R1	07	6
675 617 R1	07	7	676 610 R91	07	22	676 899 R1	04	2	677 059 R1	07	6
675 620 R1	07	7	676 612 R1	07	22	676 900 R1	04	2	677 066 R1	07	7
675 621 R1	07	7	676 641 R1	15	3	676 900 R1	05	3	677 067 R11	07	12
675 623 R1	07	11	676 658 R1	07	9	676 900 R1	05	5	677 069 R11	07	12
675 627 R1	07	11	676 678 R1	17	36	676 902 R1	04	3	677 070 R1	04	2
675 636 R1	07	11	676 679 R1	17	36	676 902 R1	05	4	677 070 R1	07	12
675 655 R1	07	9	676 683 R1	17	36	676 903 R1	04	3	677 071 R1	07	11
675 658 R1	07	9	676 684 R1	17	36	676 906 R1	04	3	677 072 R1	07	11
675 659 R1	07	9	676 685 R1	17	36	676 908 R1	04	3	677 073 R1	07	11
675 660 R1	07	9	676 686 R1	17	36	676 909 R1	04	3	677 074 R1	07	11
675 661 R1	07	9	676 740 R1	15	2	676 910 R1	04	3	677 075 R1	07	11
675 663 R11	07	9	676 740 R1	15	3	676 915 R92	04	3	677 076 R1	07	11
675 664 R1	07	9	676 741 R1	07	22	676 919 R91	04	3	677 077 R1	07	11
675 665 R1	07	9	676 742 R1	07	22	676 922 R91	08	3	677 078 R1	07	11
675 666 R1	07	9	676 748 R1	07	11	676 922 R91	11	2	677 081 R1	07	10
675 668 R2	07	9	676 749 R1	07	11	676 938 R1	06	4	677 085 R1	07	10
675 669 R1	07	9	676 757 R1	07	21	676 942 R1	09	5	677 086 R1	07	10
675 670 R2	07	9	676 761 R91	17	36	676 942 R1	09	6	677 087 R1	07	10
675 671 R1	07	9	676 786 R1	07	22	676 943 R1	09	5	677 090 R1	07	13
675 672 R91	07	7	676 794 R1	08	3	676 943 R1	09	6	677 090 R1	07	14
675 682 R91	10	14	676 798 R2	05	3	676 944 R11	07	16	677 090 R1	07	15
675 684 R1	07	11	676 799 R2	05	3	676 950 R31	07	17	677 093 R1	05	5
675 702 R1	07	7	676 800 R2	05	3	676 951 R31	07	17	677 093 R1	07	13
675 704 R1	07	7	676 801 R2	05	3	676 953 R1	07	17	677 093 R1	07	14
675 704 R1	07	19	676 804 R1	05	3	676 955 R2	07	17	677 093 R1	07	15
675 705 R1	07	7	676 805 R1	05	3	676 956 R1	09	6	677 094 R1	07	13
675 708 R91	07	7	676 806 R1	05	3	676 982 R1	07	4	677 094 R1	07	14
675 710 R91	07	7	676 807 R1	05	3	676 983 R1	07	4	677 094 R1	07	15
675 728 R91	07	7	676 807 R1	05	5	676 984 R91	07	10	677 095 R1	07	13
675 729 R1	07	7	676 808 R1	05	3	676 985 R91	07	3	677 095 R1	07	14
675 741 R3	10	3	676 808 R1	05	5	676 986 R11	07	4	677 095 R1	07	15
675 741 R3	10	6	676 813 R11	05	3	676 987 R1	07	2	677 096 R1	07	13
675 763 R1	07	7	676 814 R11	05	3	676 987 R1	07	4	677 096 R1	07	14
675 764 R1	07	7	676 815 R1	05	3	676 988 R1	07	2	677 100 R1	07	15
675 846 R91	10	62	676 815 R1	05	5	676 990 R1	07	2	677 102 R1	07	13
675 846 R91	17	20	676 815 R1	07	16	676 991 R11	07	2	677 102 R1	07	14
675 930 R1	15	3	676 815 R1	07	17	676 992 R1	07	2	677 102 R1	07	15
676 023 R91	08	3	676 815 R1	10	16	676 994 R12	12	22	677 105 R1	07	13
676 032 R91	07	19	676 816 R1	05	4	676 996 R12	12	22	677 105 R1	07	14
676 058 R1	06	3	676 817 R1	05	4	676 998 R12	12	22	677 105 R1	07	15
676 060 R1	06	3	676 818 R1	05	4	676 999 R2	07	5	677 107 R1	07	13
676 075 R91	14	3	676 819 R1	05	4	677 000 R91	07	5	677 107 R1	07	14
676 076 R1	14	3	676 820 R1	05	4	677 001 R1	07	4	677 107 R1	07	15
676 078 R1	08	6	676 821 R1	05	4	677 003 R1	07	4	677 109 R1	07	13
676 086 R1	10	15	676 822 R1	05	4	677 006 R1	07	5	677 109 R1	07	14
676 087 R1	10	15	676 825 R1	05	4	677 007 R11	07	5	677 109 R1	07	15
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677 110 R1	07	15	677 419 R1	17	14	677 686 R1	10	41	677 899 R1	07	15
677 111 R1	07	13	677 423 R1	17	19	677 686 R1	10	43	677 903 R1	09	3
677 111 R1	07	14	677 425 R91	17	19	677 686 R1	10	45	677 905 R2	09	3
677 111 R1	07	15	677 437 R1	17	19	677 686 R1	10	59	677 906 R2	09	3
677 113 R11	10	14	677 438 R1	17	19	677 687 R1	10	23	677 914 R1	09	3
677 132 R1	02	5	677 446 R91	12	31	677 687 R1	10	25	677 917 R91	07	19
677 132 R1	12	31	677 446 R91	12	33	677 687 R1	10	31	677 950 R2	17	14
677 132 R1	12	33	677 448 R1	12	31	677 687 R1	10	33	685 546 R1	10	19
677 137 R1	02	5	677 448 R1	12	33	677 687 R1	10	35	685 546 R1	10	21
677 137 R1	07	6	677 451 R1	12	31	677 687 R1	10	37	685 546 R1	10	23
677 145 R1	02	5	677 451 R1	12	33	677 687 R1	10	39	685 546 R1	10	25
677 159 R91	08	3	677 469 R1	12	31	677 687 R1	10	41	685 546 R1	10	27
677 159 R91	11	2	677 469 R1	12	33	677 687 R1	10	43	685 546 R1	10	29
677 160 R91	08	3	677 472 R1	17	8	677 687 R1	10	45	685 546 R1	10	31
677 160 R91	11	2	677 473 R1	17	15	677 687 R1	10	59	685 546 R1	10	33
677 161 R91	08	3	677 473 R1	17	21	677 688 R1	10	59	685 546 R1	10	35
677 162 R91	08	3	677 473 R1	17	22	677 689 R1	10	59	685 546 R1	10	37
677 162 R91	11	2	677 473 R1	17	24	677 690 R1	10	59	685 546 R1	10	39
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677 171 R1	10	3	677 486 R11	17	6	677 701 R91	10	8	703 986 R1	07	11
677 171 R1	10	6	677 487 R11	17	7	677 702 R91	10	3	704 176 R94	09	3
677 173 R91	06	3	677 488 R1	17	10	677 702 R91	10	8	704 176 R94	09	4
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677 181 R11	06	2	677 492 R11	17	9	677 705 R2	10	8	704 178 R21	09	4
677 182 R11	06	2	677 493 R11	17	9	677 706 R1	10	8	704 179 R1	09	4
677 183 R1	06	2	677 494 R11	17	9	677 707 R1	10	8	704 180 R1	09	4
677 184 R1	06	2	677 495 R11	17	9	677 712 R1	10	8	704 340 R2	10	16
677 184 R1	10	3	677 496 R11	17	9	677 718 R1	10	3	704 356 R1	10	16
677 185 R1	06	2	677 497 R11	17	9	677 718 R1	10	6	704 358 R3	10	16
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677 198 R1	10	14	677 502 R1	12	22	677 721 R11	10	3	704 367 R1	10	16
677 199 R1	07	9	677 505 R1	12	22	677 721 R11	10	6	704 368 R1	10	16
677 199 R1	10	15	677 506 R1	10	13	677 723 R11	10	3	704 369 R1	10	16
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677 202 R1	10	15	677 515 R91	12	27	677 725 R91	10	6	704 386 R1	07	20
677 203 R1	10	15	677 533 R1	07	9	677 727 R1	10	3	704 387 R12	07	20
677 206 R11	06	3	677 536 R1	07	9	677 727 R1	10	6	704 393 R91	07	20
677 207 R11	06	3	677 537 R1	07	9	677 732 R91	10	6	704 394 R91	07	20
677 217 R91	08	3	677 545 R1	13	3	677 742 R11	17	15	704 395 R96	07	20
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677 221 R91	11	2	677 583 R2	13	4	677 745 R1	17	15	705 650 R1	07	14
677 225 R91	08	3	677 584 R2	13	4	677 745 R1	17	24	705 650 R1	07	15
677 225 R91	11	2	677 587 R2	13	4	677 745 R1	17	26	706 095 R92	10	16
677 226 R91	08	3	677 589 R1	13	4	677 747 R1	17	15	706 308 R91	10	16
677 227 R91	08	3	677 592 R2	13	4	677 749 R1	17	23	707 744 R92	10	16
677 228 R1	08	3	677 600 R1	07	20	677 750 R1	17	23	707 744 R92	10	17
677 230 R91	08	3	677 601 R1	07	20	677 751 R1	17	23	707 745 R1	10	17
677 232 R91	08	3	677 608 R91	17	4	677 753 R1	17	25	707 746 R2	10	17
677 248 R2	14	2	677 612 R1	17	4	677 765 R2	09	6	707 754 R1	10	16
677 249 R2	14	2	677 613 R1	17	4	677 770 R92	08	3	707 889 R1	10	17
677 265 R1	14	8	677 614 R1	17	4	677 777 R91	06	5	708 580 R91	07	20
677 271 R1	14	5	677 615 R1	17	4	677 783 R1	17	15	709 307 R92	09	4
677 271 R1	14	8	677 639 R1	09	5	677 786 R1	06	4	709 308 R92	09	4
677 273 R2	14	3	677 641 R1	09	5	677 798 R1	11	2	709 546 R91	10	16
677 303 R91	14	6	677 643 R1	09	5	677 813 R91	07	13	710 098 R2	12	15
677 303 R91	14	7	677 683 R1	12	26	677 813 R91	07	14	710 673 R2	12	20
677 303 R91	14	8	677 684 R1	12	26	677 813 R91	07	15	711 283 R1	07	13
677 303 R91	14	9	677 685 R1	10	27	677 815 R1	07	9	711 283 R1	07	14
677 308 R11	14	6	677 685 R1	10	29	677 817 R91	12	22	711 283 R1	07	15
677 311 R3	14	6	677 685 R1	10	31	677 818 R1	17	29	713 778 R1	12	4
677 336 R1	14	8	677 685 R1	10	33	677 831 R1	13	5	713 845 R1	12	15
677 337 R1	14	8	677 685 R1	10	39	677 832 R1	13	5	714 868 R1	12	3
677 338 R1	14	8	677 685 R1	10	41	677 833 R1	13	5	717 200 R1	12	15
677 339 R1	14	8	677 685 R1	10	43	677 849 R1	17	3	717 203 R1	12	15
677 341 R11	10	16	677 685 R1	10	45	677 864 R1	17	3	718 743 R1	12	7
677 354 R1	12	29	677 685 R1	10	59	677 865 R1	17	3	755 023 R91	12	17
677 362 R1	12	29	677 686 R1	10	19	677 869 R1	17	3	757 760 R1	12	16
677 367 R1	02	5	677 686 R1	10	21	677 870 R1	17	3	759 844 R1	12	20
677 368 R1	10	13	677 686 R1	10	27	677 891 R1	17	15	785 602 R1	12	19
677 391 R1	10	13	677 686 R1	10	29	677 893 R1	17	15	787 049 R1	12	20
677 396 R1	17	17	677 686 R1	10	31	677 895 R1	17	16	787 656 R1	12	2
677 396 R1	17	18	677 686 R1	10	33	677 896 R1	17	16	874 889 R1	07	5
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931 320 R1	12	19	3 055 057 R91	12	7	3 055 779 R21	12	4	3 078 532 R1	12	18
931 326 R1	12	18	3 055 058 R2	12	7	3 055 781 R11	12	5	3 078 533 R1	12	18
931 330 R1	12	18	3 055 059 R91	12	7	3 056 136 R1	12	15	3 078 535 R1	12	19
931 585 R1	12	18	3 055 060 R1	12	7	3 056 137 R1	12	15	3 078 537 R1	12	19
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932 597 R1	12	11	3 055 067 R1	12	15	3 056 834 R11	12	5	3 078 542 R1	12	19
932 681 R1	12	4	3 055 068 R1	12	7	3 056 853 R51	12	8	3 078 550 R91	12	18
933 155 R1	12	11	3 055 069 R21	12	7	3 056 855 R1	12	8	3 078 555 R1	12	19
933 223 R1	12	8	3 055 075 R2	12	7	3 056 875 R11	12	4	3 078 556 R1	12	19
933 327 R1	12	5	3 055 077 R5	12	7	3 056 877 R21	12	4	3 078 557 R1	12	19
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	NAME:					
MANUAL NAME:						
MANUAL NO:						
MACHINE MODEL: S/N IF APPLICABLE:						
PAGE NO:						
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