



MICHIGAN

PARTS MANUAL

No. 2086

Model 85 III Tractor Shovel

Information contained herein pertains to Machine Serial
Numbers listed below:

85 III G.M. — 6DG101 thru 6DG999

Data covering Machine Serial Ranges prefixed with designation
7DG, 8DG, etc., and machines powered with optional power plants
will be found contained in Supplements at rear of this Manual.



CLARK EQUIPMENT COMPANY

Construction Machinery Division • Benton Harbor, Michigan, U. S. A.

In Canada: Canadian Clark, Ltd., St. Thomas, Ontario

Model 85 III Tractor Shovel

Warranty

CLARK warrants that the products manufactured by it shall be free from defects in material and workmanship. CLARK'S warranty obligation shall be limited to replacing or repairing F.O.B. CLARK'S factory, or allowing credit for, at CLARK'S option, any part which under normal and proper use and maintenance, proves defective in material and workmanship within six months after delivery to or 1,000 hours of use by the first ultimate user, whichever shall occur first; provided, however, that the product is placed in use not later than one year after shipment from CLARK'S plant; and that notice of any such defect and satisfactory proof thereof is promptly and properly given to CLARK; and such material shall have been returned to the factory, transportation charges prepaid and found by CLARK to have been defective. No products shall be returned to the factory without prior written approval by CLARK. CLARK shall not be liable for any contingent or special damages or liabilities, or for failures arising out of any application of its products not expressly approved by it in writing for such specific application.

CLARK makes no warranty in respect to damage to or defects in any product caused by overloading or other misuse, neglect or accident, nor does CLARK make any warranty as to any product which has been repaired or altered in any way which, in the sole judgment of CLARK, affects the performance, stability or purpose for which it was manufactured.

CLARK makes no warranty whatsoever in respect of parts, attachments or trade accessories not manufactured by it but instead the applicable warranties, if any, of the respective manufacturers thereof shall apply.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES (EXCEPT OF TITLE), EXPRESS OR IMPLIED INCLUDING WARRANTY OF MERCHANTABILITY AND OF FITNESS.

IMPROVEMENTS

It is CLARK'S policy to constantly strive to improve its products. The right therefore is reserved to make changes in design and improvements whenever it is believed the efficiency of the product will be improved thereby, but without incurring any obligation to incorporate such improvements in any product which has been shipped or is in service.

Revised July, 1962



CLARK EQUIPMENT COMPANY Construction Machinery Division
BENTON HARBOR, MICHIGAN, U.S.A. In Canada: Canadian Clark, Ltd., St. Thomas, Ontario

MICHIGAN

PARTS MANUAL

No. 2086

MODEL 85 III TRACTOR SHOVEL

Information contained herein pertains to Machine Serial
Numbers listed below:

85 III G.M. — 6DG101 thru 6DG999

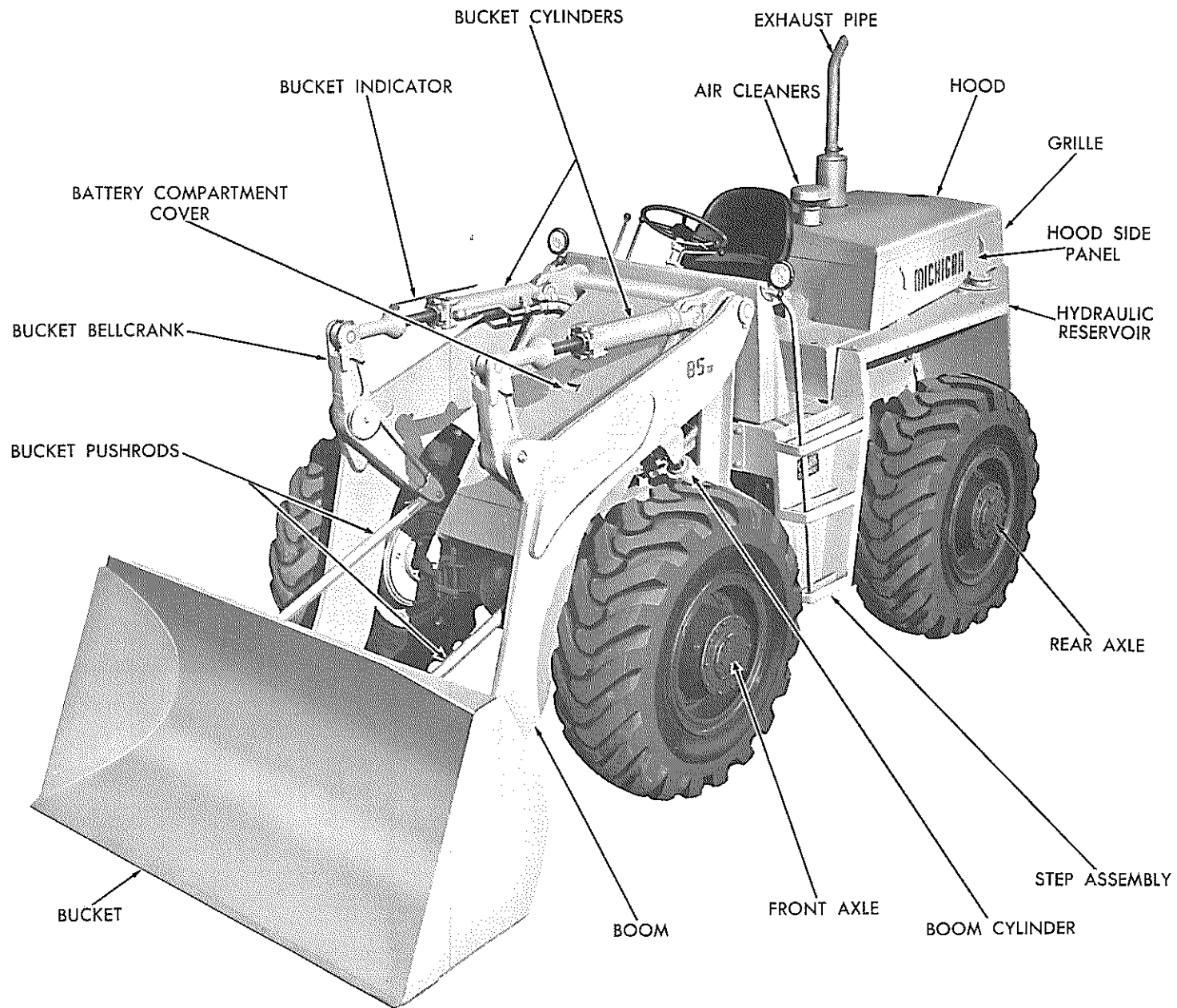
Data covering Machine Serial Ranges prefixed with designation
7DG, 8DG, etc., and machines powered with optional power plants
will be found contained in Supplements at rear of this Manual.

Record Your Machine
Serial Number Here



CLARK EQUIPMENT COMPANY
Construction Machinery Division
BENTON HARBOR, MICHIGAN, U.S.A.
In Canada: Canadian Clark, Ltd., St. Thomas, Ontario





MODEL 85 III TRACTOR SHOVEL

TS-6766-P

WHEN ORDERING REPAIR PARTS

To assure the best results and to maintain the original quality built into the machine it is important that only Clark-Approved Parts be used when new parts are required.

IMPORTANT: Always furnish the distributor with the machine serial number when ordering parts.

Order through your nearest Clark Distributor, for THE MICHIGAN LINE.

Always give serial number of machine.

Furnish: Quantity, Part Number and Description.

WHEN PARTS ARE RECEIVED

Check immediately for quantity, correctness and condition.

Advise your Michigan Distributor of any error.

Claims for damages, during shipment, should be made to the carrier immediately.

INDEX MODEL 85 III

A	Page		Page
Accelerator Pedal and Linkage	17	Breather, Torque Converter Air	21, 27
Accelerator Rods	17	Breather, Transmission Air	21
Accessories, Engine	1	Bucket Assembly Data	7
Air Brake Pedals	50	Bucket and Boom Hydraulic Pump	68
Air Brake Valve	50	Bucket and Boom Hydraulic System	65
Air Breather Check Valve, Torque Converter	21, 27	Bucket Cutting Edges	7
Air Breather, Torque Converter	21, 27	Bucket Cylinder Assembly	67
Air Breather, Transmission	21	Bucket Indicator	7
Air Cleaner Assembly	13	Bucket, Indicator, Boom, Bellcranks and Pushrods	7
Air Cleaner Connections	12	Bucket Pushrods	7
Air Cleaner, Element	13	Bucket, Seat	10
Air Lines, Brake	53	Bucket Seat Assembly	10
Air Pressure Gauge	73, 75	Bucket Teeth Data	7
Air Pressure Sender Unit	53	Button, Starter	73, 75
Air Reservoir	53		
Ammeter	73, 75	C	
Axle Assembly — Front Drive	33	Cab Assembly	79
Axle Assembly — Rear Drive Steer	37	Cab Head Lamp	79
		Cab Wiring Harness	79
B		Cable, Emergency Shut-Off	17
Back Rest Cushion	10	Cable, Engine Shut-Off	17
Back-Up Lamp Assembly	3	Cables	82
Battery, Battery Hold Down and Cables	82	Cap, Fuel Tank	14
Battery Cables	82	Cap, Oil Reservoir	30
Battery Hold Down	82	Cap, Radiator	11
Bellcranks, Boom and Push Rod	7	Cap, Steering Gear Filler	61
Boom	7	Case, Transmission	21
Boom Cylinder Assembly	66	Cartridge Kit, Transmission and Converter Filter	27
Brake Air Lines	53	Charging Pump, Converter	29
Brake Assembly — Front	42	Cleaner, Air	13
Brake Assembly — Rear	43	Clips, Wiring, Pipe and Hose	80, 81
Brake Assembly, Parking	45	Clutch Group, Forward, Reverse and Low	22
Brake Controls, Parking	46	Cluster Assembly — Power	51
Brake Lever Assembly, Parking	47	Clutch Group — High	23
Brake Pedals	50	Cockpit and Inspection Plates	4, 5
Brake Valve, Air	50	Cockpit Wiring Harness	82
Brake Valve and Controls	50	Column Assembly, Steering	60
Brake Wheel Cylinder	44	Connections, Muffler, Tailpipe and Air Cleaner	12

	Page
Connections, Radiator	11
Control Valve Assembly — Transmission	24
Control Rod, Governor	17
Control Valve Assembly	71
Converter Assembly, Torque	29
Converter Charging Pump	29
Converter Pressure Regulating Valve	25
Counterweight	3
Cover Assembly, Front	9
Converter to Transmission Prop Shaft	48
Cradle Assembly	2
Cushion, Back Rest	10
Cushion, Seat	10
Cutting Edges, Main	7
Cutting Edges, Side	7
Cylinder, Brake Wheel	44
Cylinder Assembly, Boom	66
Cylinder Assembly, Bucket	67
Cylinder Assembly, Steering	63

D

Dash Lamp	73, 75
Decals and Instruction Plates	82
De-Clutch Valve, Transmission	24
Diagram, Cockpit Wiring	83, 84
Diagram, Engine Wiring	85
Differential and Carrier Assembly — Front Drive	35
Differential and Carrier Assembly — Rear Drive Steer..	39
Dipstick, Fuel Tank	14
Dipstick, Oil Reservoir	30
Dipstick, Transmission Oil Level	21
Drag Link Assembly	54

E

Element, Air Cleaner	13
Element, Hydraulic Reservoir Filter	31
Element, Lighter	73, 75
Emergency Shut-Off Cable	17
Emergency Stop Plate	82
Engine and Accessories	1
Engine Oil Pressure Gauge	73, 75
Engine Hourmeter	82
Engine Shut-Off Cable	17
Engine Support Parts	1
Engine Temperature Gauge	73, 75

F

Fan Shroud, Radiator	11
Fenders	9
Filler Cap, Oil Reservoir	30
Filler Cap, Steering Gear	61
Filter Assembly, Hydraulic Reservoir Oil	31
Filter Assembly, Transmission and Converter Oil	27
Filter Element, Hydraulic Reservoir Oil	31
Forward, Reverse and Low Clutch Group	22

	Page
Foot Switch, Horn	76
Foot Valve	50
Frame and Cradle Assembly	2
Front Brake Assembly	42
Front Cover Assembly	9
Front Drive Axle Assembly	33
Front Drive Differential and Carrier Assembly	35
Front Drive Planet Carrier Assembly	41
Fuel Lines	15
Fuel Tank	14
Fuel Tank Cap	14
Fuel Tank Dipstick	14
Fuel Tank Inspection Plate	14
Fuel Tank Strainer	14
Fuse — .75 Amp	73, 75
Fuse — 20 Amp	73, 75
Fuse, Lighter	73, 75

G

Gauge, Air Pressure	73, 75
Gauge, Engine Oil Pressure	73, 75
Gauge, Engine Temperature	73, 75
Gauge, Torque Converter Temperature	73, 75
Gear Assembly, Steering	61
Glass Pattern Kit	79
Governor	53
Governor Control Rod	17
Grille and Counterweight	3
Grille and Shroud Assembly	3
Group, Seat and Support	10
Group, Steering Linkage	56

H

Hand Brake	47
Handle and Cover, Reservoir Filter	31
Hand Rails	9
Harness, Cab Wiring	79
Harness, Cockpit Wiring	82
Harness, Instrument Panel Wiring	75
Harness, Main Wiring	82
Harness, Tail Light Wiring	82
Head Lamp Assembly — Cab	79
Head Lamp Assembly — Standard	9
High Clutch Group	23
Hood, Cover, Panels, Fenders and Steps	9
Horn and Foot Switch	76
Hourmeter, Engine	82
Hourmeter Pressure Switch	1
Hydraulic Oil Reservoir	30
Hydraulic Pump — Bucket and Boom	68
Hydraulic Pump — Steering	62
Hydraulic Reservoir Filter Assembly	31
Hydraulic System — Bucket and Boom	65
Hydraulic System — Steering	59
Hydraulic System — Transmission and Torque Converter	27

I	Page		Page
Ignition Switch	73, 75	Pedals, Brake	50
Inspection Plates, Cockpit	45	Pitman Arm, Steering Gear	61
Indicator, Bucket	7	Planet Carrier Assembly — Front Drive	41
Inspection Plate, Fuel Tank	14	Planet Carrier Assembly — Rear Drive Steer	41
Inspection Plate, Oil Reservoir	30	Plate, Emergency Stop	82
Instruction Plates	82	Plate, Fuel Tank Inspection	14
Instrument Panel Assembly	73, 75	Plate, Lubrication Instruction	82
Instrument Wiring Harness	73, 75	Plate, Michigan Name	3
K		Plate, Oil Reservoir Inspection	30
Kit, Brake Lining — Parking Brake	45	Plate, Operating Precaution	60, 82
Kit, Glass Pattern	79	Plate, Patent	82
Kit, Horn	76	Plate, Shift Quadrant	82
Kit, Steering Shaft Dust Cup	55	Plates, Cockpit Inspection	4, 5
Kit, Transmission and Converter Oil Filter Cartridge	27	Power Cluster Assembly	51
L		Pressure Regulating Valve Assembly	25
Lamp Assembly, Back-Up	3	Pressure Relief Valve — Steering System	57
Lamp Assembly, Cab Head	79	Pressure Switch, Hourmeter	1
Lamp Assembly, Head — Standard	9	Pressure Switch, Voltage Regulator	1
Lamp Assembly, Tail and Stop	3	Propeller Shaft Assemblies	48, 49
Lamp, Dash	73, 75	Pushrods, Bellcrank to Bucket	7
Levers, Shift	19	Pump, Bucket and Boom Hydraulic	68
Levers, Valve Control	69	Pump, Converter Charging	27
Light Switch	73, 75	Pump, Main Hydraulic	68
Lighter Element	73, 75	Pump, Steering Hydraulic	62
Lighter Fuse	73, 75	Q	
Lighter Receptacle	73, 75	Quadrant, Shift	19
Lines, Fuel	15	R	
Link, Drag	54	Radiator Assembly	11
Linkage, Accelerator Pedal	17	Radiator Cap	11
Linkage Group, Steering	56	Radiator and Connections	11
Linkage, Transmission Control Levers	19	Radiator Fan Shroud	11
Linkage, Valve Control Levers	69	Rail, Hand	9
Lubrication Instruction Plate	82	Rear Brake Assembly	43
M		Rear Drive Steer Axle Assembly	37
Main Cutting Edges	7	Rear Drive Steer Differential and Carrier Assembly	39
Main Wiring Harness	82	Rear Drive Steer Planet Carrier Assembly	41
Michigan Name Plate	3	Regulator, Voltage	1
Mounts, Transmission	21	Reservoir, Air	53
Muffler, Tailpipe and Air Cleaner Connections	12	Reservoir, Hydraulic Oil	30
O		Rod Assembly, Tie	40
Oil Reservoir Cap	30	Rod, Governor Control	17
Oil Reservoir Dipstick	30	Rods, Accelerator	17
Oil Reservoir, Hydraulic	30	Rods, Shift	19
Oil Reservoir Inspection Plate	30	Rods, Valve Control	69
Oil Sump Assembly	21	S	
Operating Precaution Plate	60, 82	Seat Assembly, Bucket	10
P		Seat Bucket	10
Panels, Side	9	Seat Cushion	10
Parking Brake Assembly	45	Seat Support	10
Parking Brake Controls	46	Seat and Support Group	10
Parking Brake Lever Assembly	47	Sender Unit, Air Pressure	53
Pedal, Accelerator	17	Sender Unit, Engine Oil Pressure	1
		Sender Unit, Engine Temperature	1

	Page
Sender Unit, Torque Converter Temperature	27
Shaft Assemblies, Propeller	48, 49
Shaft, Steering Slip	55
Shift Levers	19
Shift Quadrant	19
Shift Quadrant Plate	82
Shift Rods	19
Shroud, Radiator Fan	11
Shut-Off Cable, Emergency	17
Shut-Off Cable, Engine	17
Side Cutting Edges	7
Side Panels	9
Slip Shaft, Steering	55
Starter Button	73, 75
Steering Column Assembly	60
Steering Cylinder Assembly	63
Steering Gear Assembly	61
Steering Hydraulic System	59
Steering Linkage Group	56
Steering Pressure Relief Valve Assembly	57
Steering Slip Shaft Assembly	55
Steering System Hydraulic Pump	62
Steering Wheel	60
Steps	9
Stop Lamp Assembly	3
Strainer, Fuel Tank	14
Support, Seat	10
Supports, Engine	1
Switch, Horn Foot	76
Switch, Hourmeter Pressure	1
Switch, Ignition	73, 75
Switch, Light	73, 75
Switch, Voltage Regulator Pressure	1

T

Tail Light Wiring Harness	82
Tailpipe	12
Tailpipe Connections	12
Tail and Stop Lamp Assembly	3
Tank, Fuel	14
Tank, Oil Reservoir	30
Tie Rod Assembly	40
Tire Data	77
Torque Converter Air Breather	21, 27
Torque Converter Air Breather Check Valve	21, 27
Torque Converter Assembly	29

	Page
Torque Converter Temperature Gauge	73, 75
Transmission Air Breather	21
Transmission Assembly	21
Transmission Case	21
Transmission Control Valve Assembly	24
Transmission Control Levers and Linkage	19
Transmission and Converter Oil Filter	27
Transmission De-Clutch Valve Assembly	24
Transmission Mounts	21
Transmission to Front Axle Prop Shaft	49
Transmission to Rear Axle Prop Shaft	48
Transmission and Torque Converter Hydraulic System ..	27

U

Unit, Air Pressure Sender	53
Unit, Engine Oil Pressure Sender	1
Unit, Engine Temperature Sender	1
Unit, Torque Converter Temperature Sender	27

V

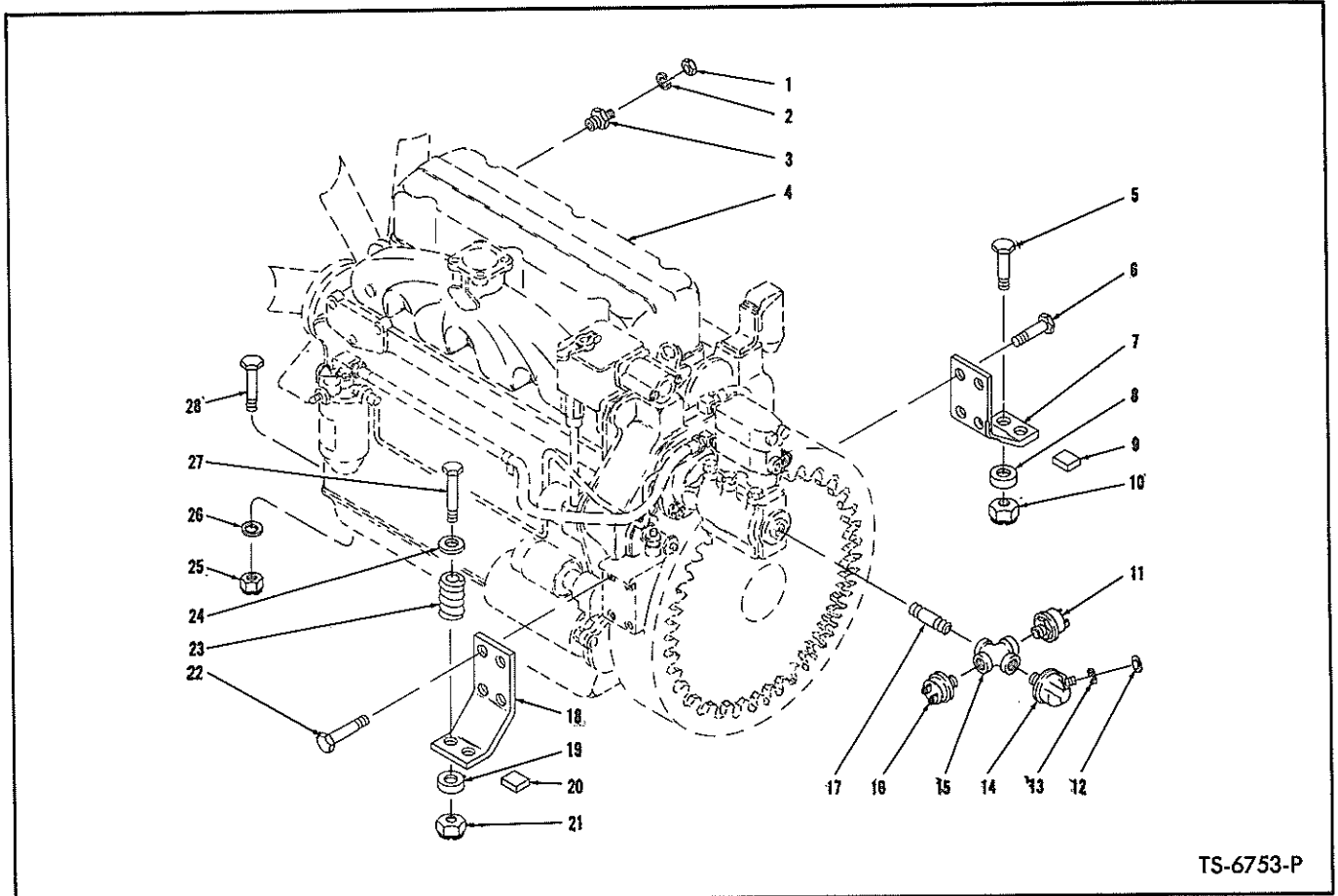
Valve Assembly, Air Brake	50
Valve Assembly, Control	71
Valve Assembly, Foot	50
Valve Assembly, Pressure Regulating	25
Valve Assembly, Steering Gear	61
Valve Assembly, Steering Pressure Relief	57
Valve Assembly, Transmission De-Clutch	24
Valve Assembly, Transmission Control	24
Valve Control Levers and Linkage	69
Valve, Torque Converter Air Breather Check	21, 27
Voltage Regulator	1

W

Wheel Cylinder — Brake	44
Wheel, Steering	60
Wheel and Tire Data	77
Windshield Wiper	82
Wiring	82
Wiring Diagram — Cockpit	83, 84
Wiring Diagram — Engine	85
Wiring Harness, Cab	79
Wiring Harness, Cockpit	82
Wiring Harness, Instrument Panel	73, 75
Wiring Harness, Main	82
Wiring Harness, Tail Light	82
Wiring, Pipe and Hose Clips	80, 81

ENGINE AND ACCESSORIES

All orders for engine assembly or components thereof should be placed with the nearest G.M. Diesel Distributor. To obtain proper items, it is necessary to provide your engine model, serial number and necessary group type number for the equipment required. This data is stamped on the options and accessories plate on the rocker cover of engine.



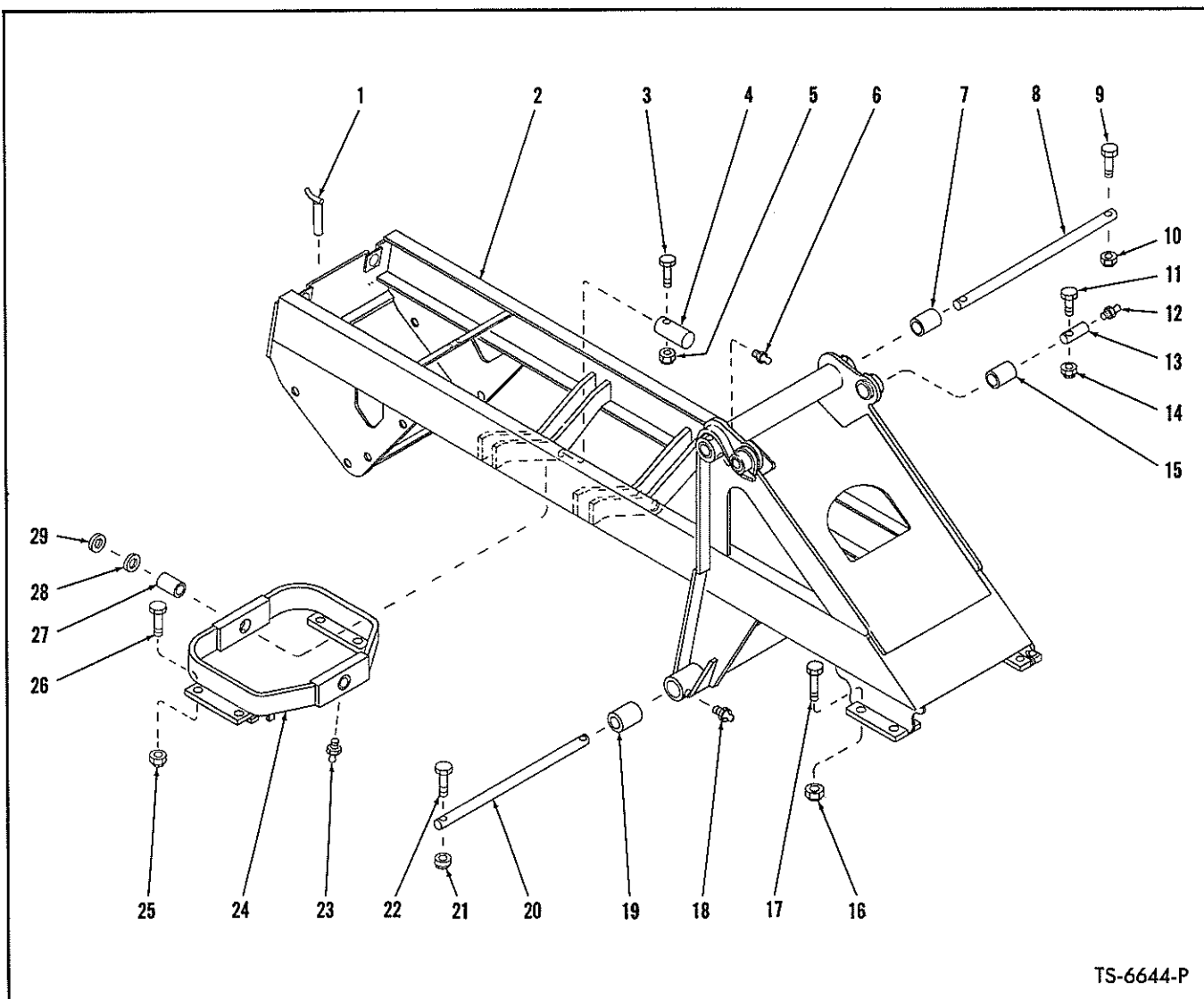
TS-6753-P

ENGINE ACCESSORIES AND SUPPORT PARTS

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	14D-10	NUT, Sender Unit	1	17	5K-106	NIPPLE, Cross to Engine	1
2	12E-10	LKWSHR, Sender Unit	1	18	570938	SUPPORT, Engine	1
3	551323	SENDER UNIT, Engine Temperature ..	1	19	71D-08	BASE, Support Mounting	2
4	-----	ENGINE — See G.M. Engine Parts Manual	—	20	518624	BLOCK, Support Mounting — Welded to Frame Only	2
5	18C-836	BOLT, Support to Frame — L.H.	2	21	70D-08	NUT, Support to Frame	2
6	8C-824	BOLT, Support to Engine	4	22	8C-824	BOLT, Support to Engine	4
7	570938	SUPPORT, Engine	1	23	570935	SPRING, Engine Mounting—R.H. Only	2
8	71D-08	BASE, Support Mounting	2	24	616792	WASHER, Engine Mounting — R.H. Only	2
9	518624	BLOCK, Support Mounting — Welded to Frame Only	2	25	18D-08	NUT, Engine Trunnion to Frame	2
10	70D-08	NUT, Support to Frame	2	26	619029	WASHER, Engine Trunnion to Frame ..	2
11	636260	SWITCH, Hourmeter Pressure	1	27	18C-864	BOLT, Support to Frame — R.H.	2
12	14D-10	NUT, Sender Unit	1	28	18C-832	BOLT, Engine Trunnion to Frame	2
13	12E-10	LKWSHR, Sender Unit	1	29	1621888	†VOLTAGE REGULATOR	1
14	940643	SENDER UNIT, Engine Oil Pressure	1	30	18C-424	†BOLT, Regulator to Air Cleaner Bracket	3
15	21F-1	CROSS, Connecting	1	31	18D-04	†NUT, Regulator to Air Cleaner Bracket	3
16	636260	SWITCH, Voltage Regulator Pressure ..	1				

†Not Illustrated

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE



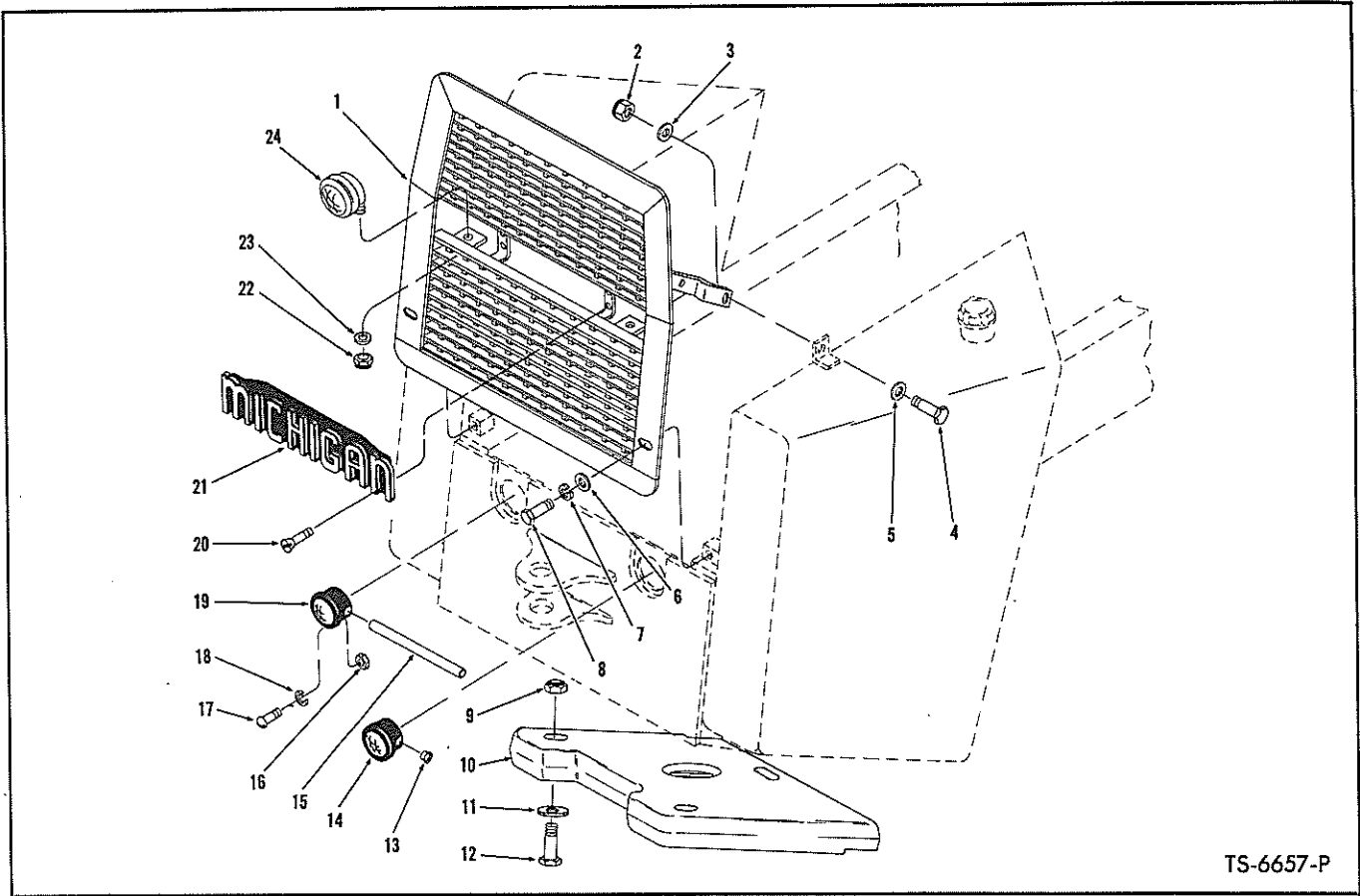
TS-6644-P

FRAME AND CRADLE ASSEMBLY

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	549988	PIN ASSY, Drawbar	1	16	68D-16	NUT, Front Axle to Frame	8
2	570864	FRAME ASSY (Inc. 7, 15, 19)	1	17	24C-16160	BOLT, Front Axle to Frame	8
3	18C-856	BOLT, Pin Retaining	2	18	10H-25	FITTING, Lower Pivot Tube Grease	2
4	536100	PIN, Cradle Pivot	2	19	564129	BUSHING, Lower Pivot Tube	2
5	18D-08	NUT, Pin Retaining	2	20	587960	SHAFT, Cylinder Pivot	1
6	10H-25	FITTING, Upper Pivot Tube Grease	2	21	18D-08	NUT, Pivot Shaft Retaining	2
7	564126	BUSHING, Upper Pivot Tube	2	22	18C-872	BOLT, Pivot Shaft Retaining	2
8	571022	SHAFT, Boom Pivot — Upper	1	23	10H-25	FITTING, Cradle Pin Grease	2
9	18C-880	BOLT, Pivot Shaft Retaining	2	24	564140	CRADLE ASSY, Rear Axle (Inc. 27)	1
10	18D-08	NUT, Pivot Shaft Retaining	2	25	68D-16	NUT, Rear Axle to Cradle	8
11	18C-880	BOLT, Pivot Pin Retaining	2	26	24C-16152	BOLT, Rear Axle to Cradle	8
12	10H-25	FITTING, Pivot Pin Grease	2	27	538585	BUSHING, Cradle Pivot	2
13	556960	PIN, Bucket Cylinder Pivot	2	28	551348	‡SHIM, Cradle to Frame	—
14	18D-08	NUT, Pivot Pin Retaining	2	29	551347	‡SHIM, Cradle to Frame	—
15	585007	BUSHING, Upper Pivot	2				

‡As Required

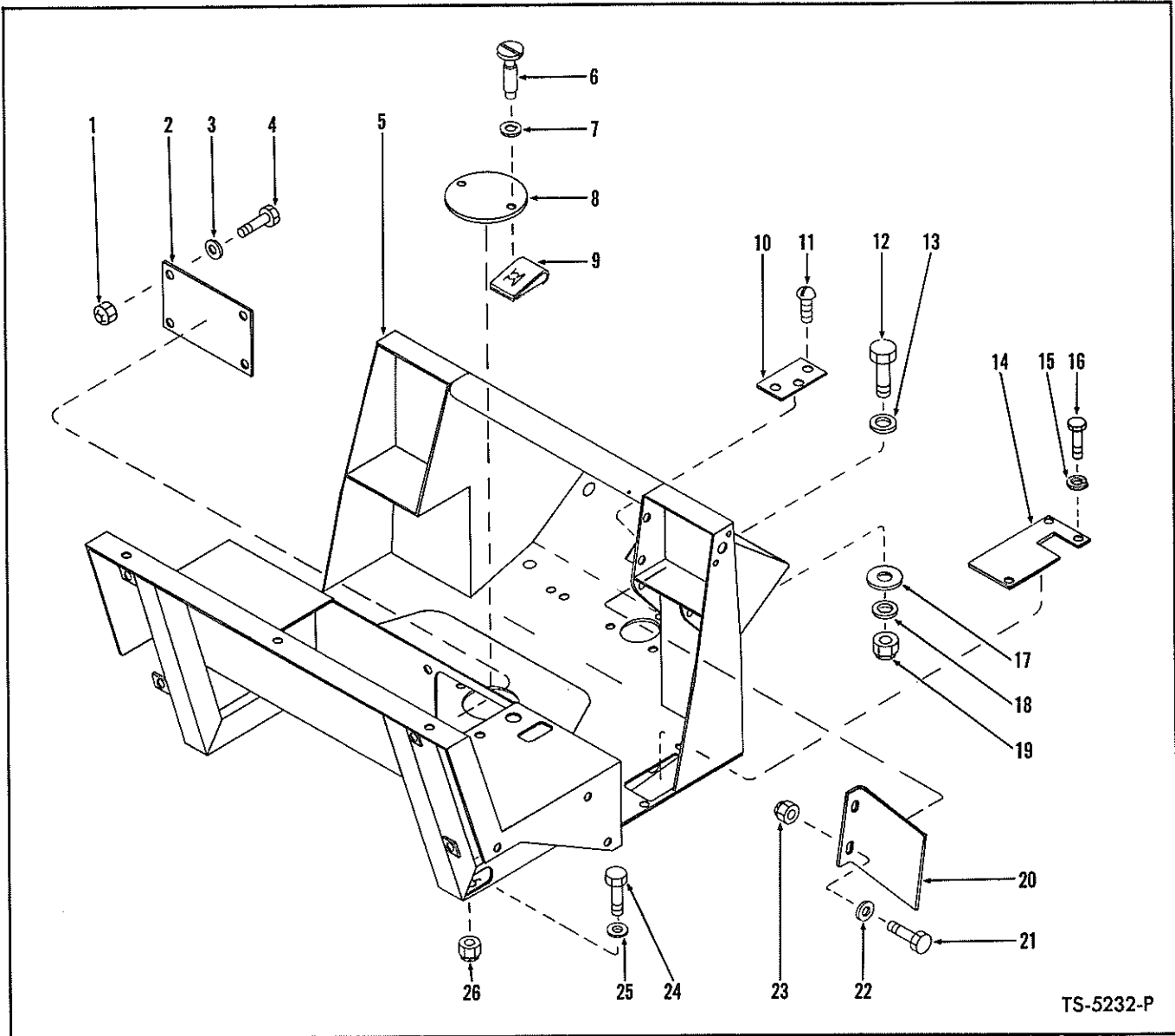
WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE



GRILLE AND COUNTERWEIGHT

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	563881	GRILLE ASSY, Rear	1	15	566849	CONDUIT, Tail & Stop Lamp Wire Protector	1
2	18D-08	NUT, Grille to Tank	2	16	14D-10	NUT, Lamp Mounting	6
3	619029	WASHER, Grille to Tank	2	17	2G-1012	SCREW, Lamp Mounting	6
4	18C-824	BOLT, Grille to Tank	2	18	17E-10	LKWSHR, Lamp Mounting	6
5	619029	WASHER, Grille to Tank	2	19	562641	LAMP ASSY, Tail & Stop — L.H. (Inc. 19A)	1
6	619029	WASHER, Grille to Frame	2	19A	1103680	†LENS, Tail Lamp	1
7	4E-08	LKWSHR, Grille to Frame	2	19B	942746	†BULB, Tail & Stop Lamp	1
8	18C-816	BOLT, Grille to Frame	2	20	44G-418	SCREW, Name Plate to Grille	4
9	18D-12	NUT, Counterweight to Frame	3	21	564011	NAME PLATE, Michigan	1
10	556574	COUNTERWEIGHT	1	22	17D-6	NUT, Back-Up Lamp Mounting	2
11	590499	WASHER, Counterweight to Frame	3	23	584092	WASHER, Back-Up Lamp Mounting	2
12	24C-12192	BOLT, Counterweight to Frame	3	24	547529	LAMP ASSY, Back-Up (Inc. 25)	2
13	1010736	PLUG, Lamp — R.H. Only	1	25	944907	†SEALED UNIT, Head Lamp	2
14	562641	LAMP ASSY, Tail & Stop — R.H. (Inc. 14A)	1	26	509320	†SPACER, Back-Up Lamp	2
14A	1103680	†LENS, Tail Lamp	1				
14B	942746	†BULB, Tail & Stop Lamp	1				

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE



TS-5232-P

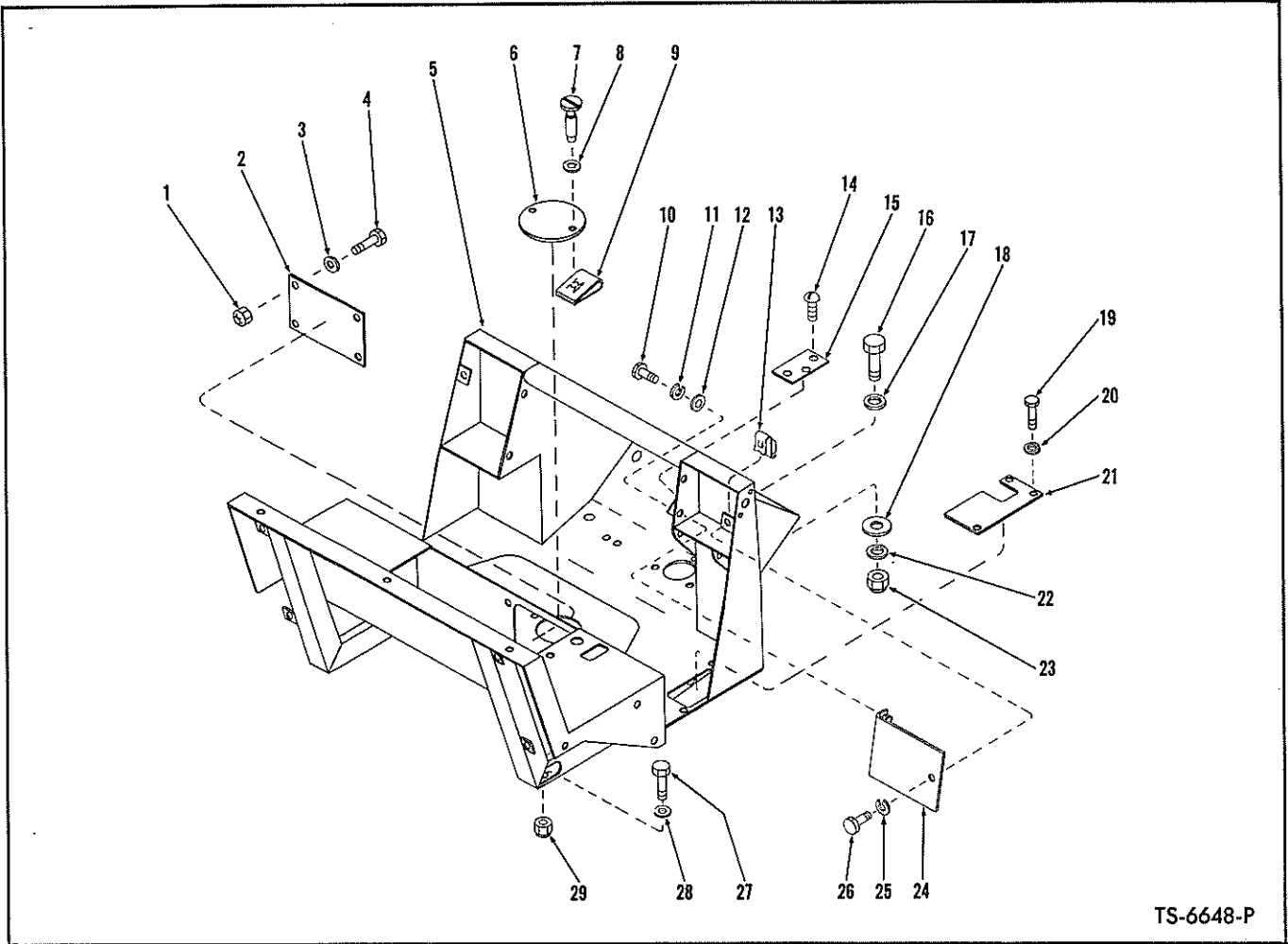
COCKPIT AND INSPECTION PLATES

For Serial — 6DG101 thru 6DG136

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	18D-04	NUT, Cover Plate Mounting	4	14	569912	PLATE, Valve Levers Cover	1
2	557057	PLATE, Heater Cover	1	15	4E-06	LKWSHR, Cover Plate Mounting	3
3	664421	WASHER, Cover Plate Mounting	4	16	18C-612	BOLT, Cover Plate Mounting	3
4	18C-412	BOLT, Cover Plate Mounting	4	17	616798	‡SPACER, Cockpit Mounting	—
5	588021	COCKPIT	1	18	619029	WASHER, Cockpit Mounting	1
6	568829	SCREW, Cover Mounting	2	19	18D-08	NUT, Cockpit Mounting	1
7	1612583	WASHER, Cover Mounting	2	20	589991	PLATE, Panel — R.H.	1
8	568828	COVER, Transmission Check (Inc. 6, 7)	1	21	18C-616	BOLT, Plate Mounting	2
9	568830	NUT, Cover Mounting	2	22	619024	WASHER, Plate Mounting	2
10	566649	PLATE, Steer Cover	1	23	18D-06	NUT, Plate Mounting	2
11	18G-806	SCREW, Cover Plate Mounting	3	24	18C-824	BOLT, Cockpit Mounting	4
12	18C-832	BOLT, Cockpit Mounting	1	25	619029	WASHER, Cockpit Mounting	8
13	619029	WASHER, Cockpit Mounting	1	26	18D-08	NUT, Cockpit Mounting	4

‡As Required

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE



TS-6648-P

COCKPIT AND INSPECTION PLATES

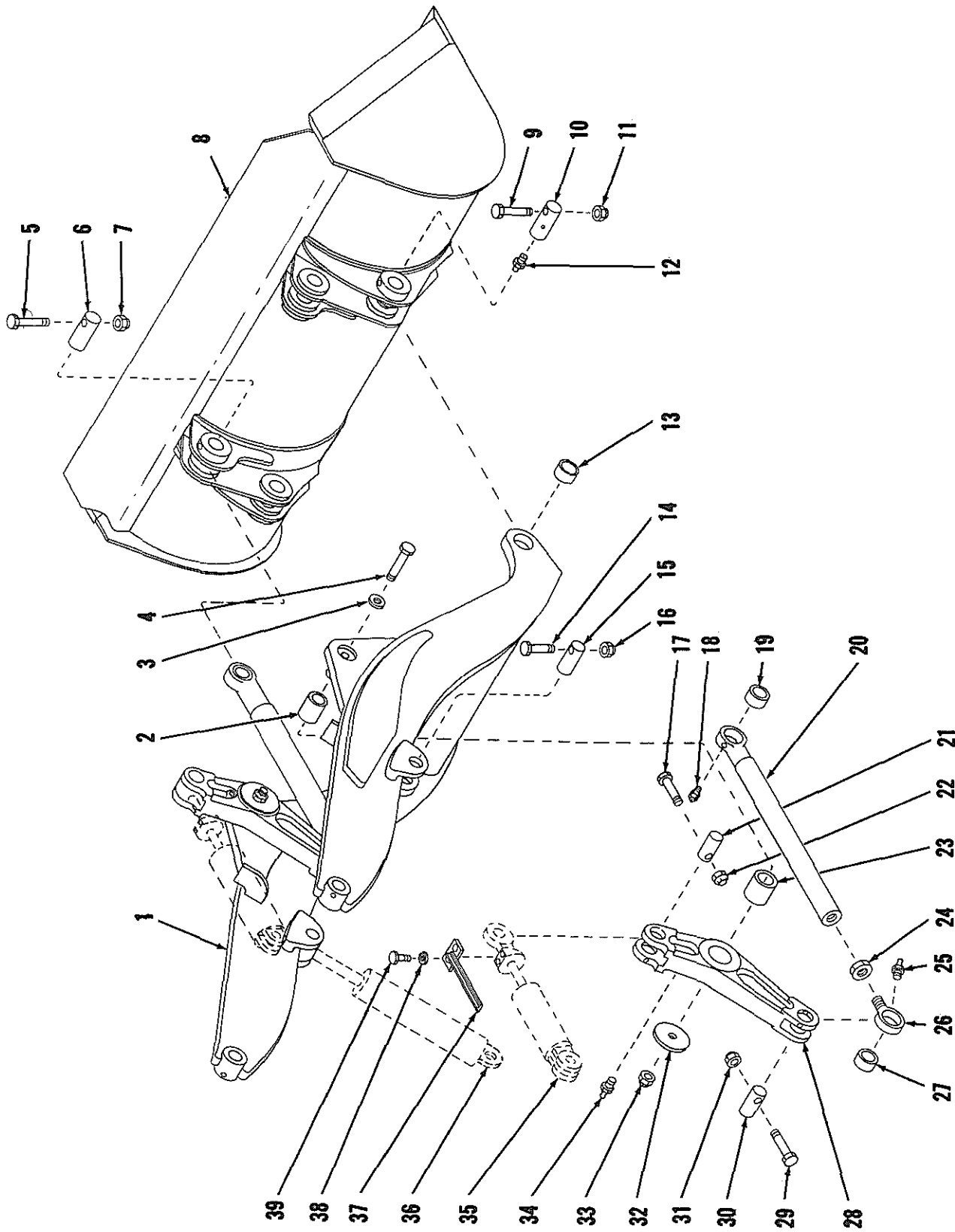
For Serial 6DG137 and Thereafter

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	18D-04	NUT, Cover Plate Mounting	4	16	18C-832	BOLT, Cockpit Mounting	1
2	557057	PLATE, Heater Cover	1	17	619029	WASHER, Cockpit Mounting	1
3	664421	WASHER, Cover Plate Mounting	4	18	616798	‡SPACER, Cockpit Mounting	—
4	18C-412	BOLT, Cover Plate Mounting	4	19	17C-612	BOLT, Cover Plate Mounting	3
5	588021	COCKPIT	1	20	4E-06	LKWSHR, Cover Plate Mounting	3
6	568828	COVER, Transmission Check (Inc. 7, 8)	1	21	569912	PLATE, Valve Levers Mounting	1
7	568829	SCREW, Cover Mounting	2	22	619029	WASHER, Cockpit Mounting	1
8	1612583	WASHER, Cover Mounting	2	23	18D-08	NUT, Cockpit Mounting	1
9	568830	NUT, Cover Mounting	2	24	574026	PLATE, Panel — R.H.	1
10	17C-616	BOLT, Plate Mounting	2	25	4E-06	LKWSHR, Plate Mounting	1
11	4E-06	LKWSHR, Plate Mounting	2	26	17C-616	BOLT, Plate Mounting	1
12	656672	WASHER, Plate Mounting	2	27	18C-828	BOLT, Cockpit Mounting	4
13	572729	NUT, Plate Mounting	1	28	619029	WASHER, Cockpit Mounting	8
14	18G-806	SCREW, Cover Plate Mounting	3	29	18D-08	NUT, Cockpit Mounting	4
15	566649	PLATE, Steer Cover	1				

‡As Required

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE

TS-6639-P



BUCKET, INDICATOR, BOOM, BELLCRANKS AND PUSHRODS

BUCKET, INDICATOR, BOOM, BELLCRANKS AND PUSHRODS

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	587832	BOOM ASSY (Inc. 2, 13)	1	22	18D-08	NUT, Pin Retaining	2
2	589023	BUSHING, Bellcrank Pivot	2	23	542031	BUSHING, Bellcrank	2
3	664428	WASHER, Bellcrank Mounting	2	24	8D-24	NUT, Eye Jam	2
4	24C-12120	BOLT, Bellcrank to Boom	2	25	10H-25	FITTING, Eye Grease	2
5	18C-864	BOLT, Pin Retaining	2	26	570850	EYE ASSY — Pushrod (Inc. 27)	2
6	542631	PIN, Pushrod to Bucket	2	27	587908	BUSHING, Pushrod Eye	2
7	18D-08	NUT, Pin Retaining	2	28		BELLCRANK ASSY (Inc. 23)	
8	—	BUCKET — See Chart Below	—	28A	570210	RIGHT HAND	1
9	18C-880	BOLT, Pin Retaining	2	28B	570211	LEFT HAND	1
10	568483	PIN, Boom to Bucket	2	29	18C-672	BOLT, Pin Retaining	2
11	18D-08	NUT, Pin Retaining	2	30	587901	PIN, Bellcrank to Pushrod	2
12	10H-25	FITTING, Pin Grease	2	31	18D-06	NUT, Pin Retaining	2
13	568482	BUSHING, Boom Arm	2	32	557117	WASHER, Bellcrank Mounting	2
14	18C-656	BOLT, Pin Retaining	2	33	18D-12	NUT, Bellcrank to Boom	2
15	514921	PIN, Boom Cylinder to Boom	2	34	12H-25	FITTING, Bellcrank Grease	2
16	18D-06	NUT, Pin Retaining	2	35	—	BUCKET CYLINDER — See Index	—
17	18C-872	BOLT, Pin Retaining	2	36	—	BOOM CYLINDER — See Index	—
18	10H-25	FITTING, Pushrod Grease	2	37	573551	INDICATOR, Bucket	1
19	587908	BUSHING, Pushrod	2	38	4E-06	LKWSHR, Indicator to Bucket Cylinder	2
20	570846	PUSHROD ASSY (Inc. 19)	2	39	18C-620	BOLT, Indicator to Bucket Cylinder	2
21	587900	PIN, Bucket Cylinder to Bellcrank	2				

BUCKET ASSEMBLY DATA — STANDARD

BUCKET			MAIN CUTTING EDGE			SIDE CUTTING EDGE			
Width	Capacity	Part No.	Part No.	Size	Approx. Weight	R.H. Part No.	L.H. Part No.	Size	Approx. Weight
96"	2½ cu. yd.	570230	551765	1 x 9 x 97	218	570108	570110	*¾ x 6 x 42%	43

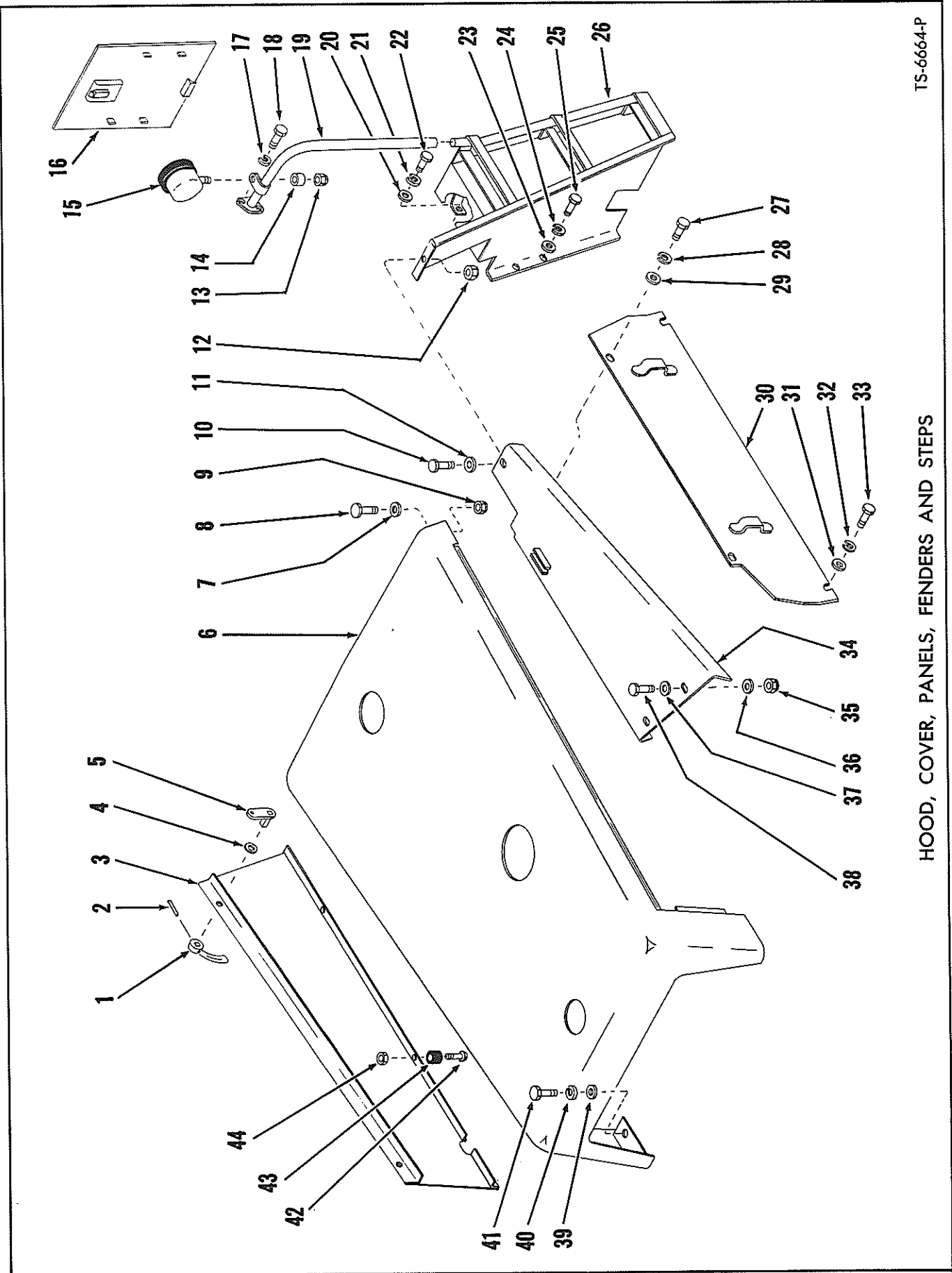
*NOTE: ¾" x 6" x 10" Segments are available for above side cutting edges 572141 R.H. and 572142 L.H. — Approximate weight 10 lbs.

BUCKET TEETH DATA

REPLACEABLE TOOTH ASSY NO. 1" Thick Cutting Edge	REPLACEABLE TIP NO.	REPLACEABLE TIP PIN NO.
562662	562663	562664

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE

TS-6664-P



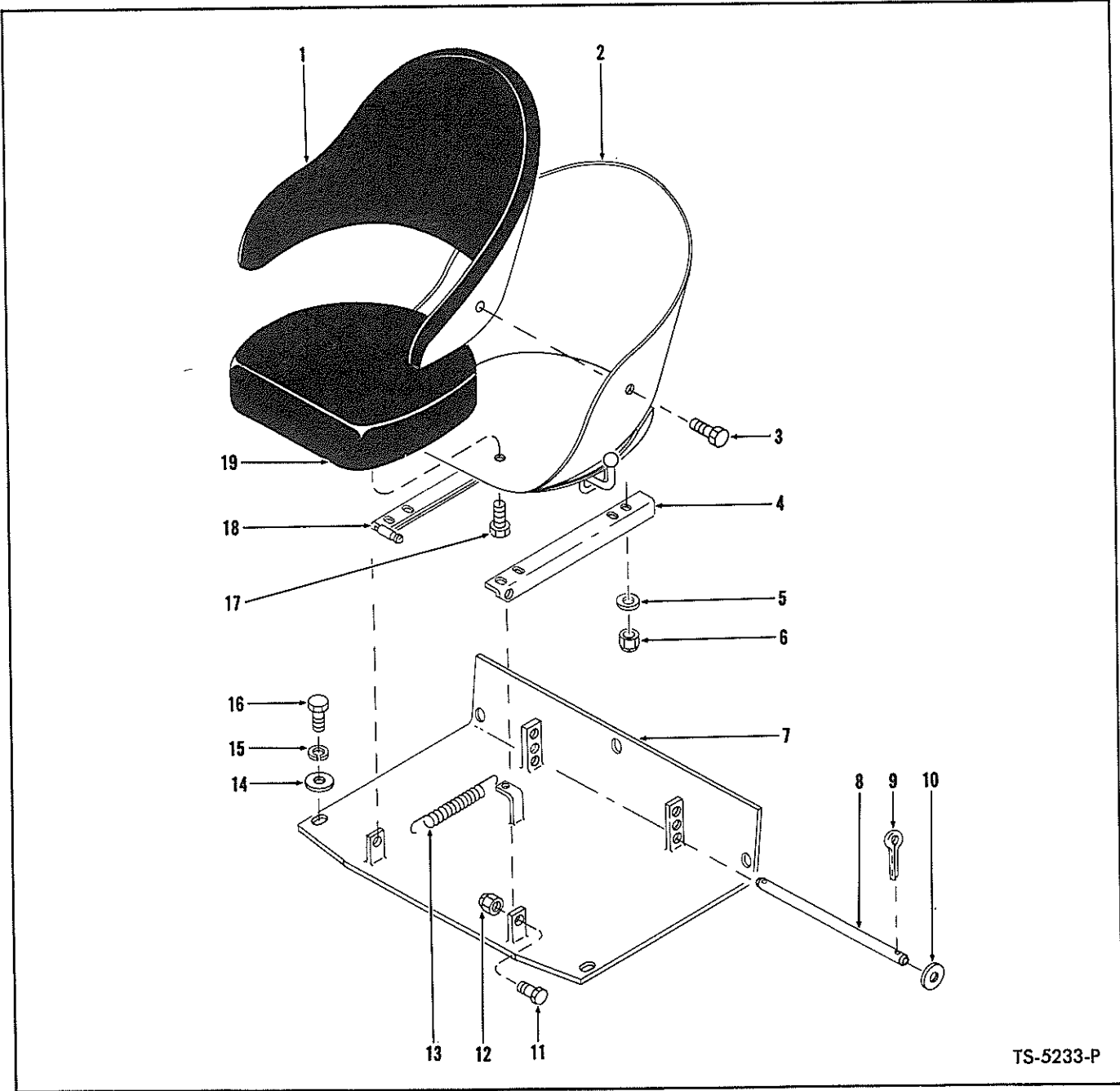
HOOD, COVER, PANELS, FENDERS AND STEPS

HOOD, COVER, PANELS, FENDERS AND STEPS

Item No.	Part No.	Description	No. Req'd.
1	142396	KIT, Handle (Inc. 2, 4, 5)	4
2	730432	PIN, Handle Roll	4
3		PANEL, Side (Inc. 1, 2, 4, 5, 42, 43, 44)	
3A	571646	LEFT HAND	1
3B	571645	†RIGHT HAND	1
4	-----	§SPACER, Shaft	—
5	-----	§SHAFT, Handle	—
6	556323	HOOD	1
7	619029	WASHER, Hood to Cockpit	2
8	18C-820	BOLT, Hood to Cockpit	2
9	18D-08	NUT, Hood to Cockpit	2
10	18C-824	BOLT, Fender to Step	2
11	619029	WASHER, Fender to Step	2
12	18D-08	NUT, Fender to Step	2
13	17D-6	NUT, Head Lamp Mounting	2
14	509320	SPACER, Head Lamp Mounting	2
15	547529	LAMP ASSY, Head (Inc. 15A)	2
15A	944907	†SEALED UNIT, Head Lamp	2
16	566764	COVER ASSY, Front	1
17	4E-06	LKWSHR, Hand Rail to Cockpit	4
18	17C-620	BOLT, Hand Rail to Cockpit	4
19		HAND RAIL	
19A	563980	RIGHT HAND	1
19B	563981	†LEFT HAND	1
19C	563994	CLAMP, Head Lamp to Hand Rail	2
20	619029	WASHER, Step to Frame	2
21	4E-08	LKWSHR, Step to Frame	2
22	18C-816	BOLT, Step to Frame	2
23	619029	WASHER, Step to Frame	4
24	4E-08	LKWSHR, Step to Frame	4
25	18C-816	BOLT, Step to Frame	4
26		STEP ASSEMBLY	
26A	556691	RIGHT HAND	1
26B	556692	†LEFT HAND	1
27	18C-812	BOLT, Panel to Fender	4
28	4E-08	LKWSHR, Panel to Fender	4
29	619029	WASHER, Panel to Fender	4
30		SIDE PANEL	
30A	563928	RIGHT HAND	1
30B	563929	†LEFT HAND	1
31	619029	WASHER, Panel to Frame	4
32	4E-08	LKWSHR, Panel to Frame	4
33	18C-812	BOLT, Panel to Frame	4
34		FENDER	
34A	557847	RIGHT HAND	1
34B	557848	†LEFT HAND	1
35	18D-08	NUT, Fender to Tank	4
36	619029	WASHER, Fender to Tank	4
37	619029	WASHER, Fender to Tank	4
38	18C-824	BOLT, Fender to Tank	4
39	619029	WASHER, Hood to Tank	2
40	4E-08	LKWSHR, Hood to Tank	2
41	18C-816	BOLT, Hood to Tank	2
42	3G-1008	SCREW, Side Panel Mounting	4
43	551433	BUMPER, Side Panel Mounting	4
44	12D-10	NUT, Side Panel Mounting	4

†Not Illustrated
‡As Required

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE

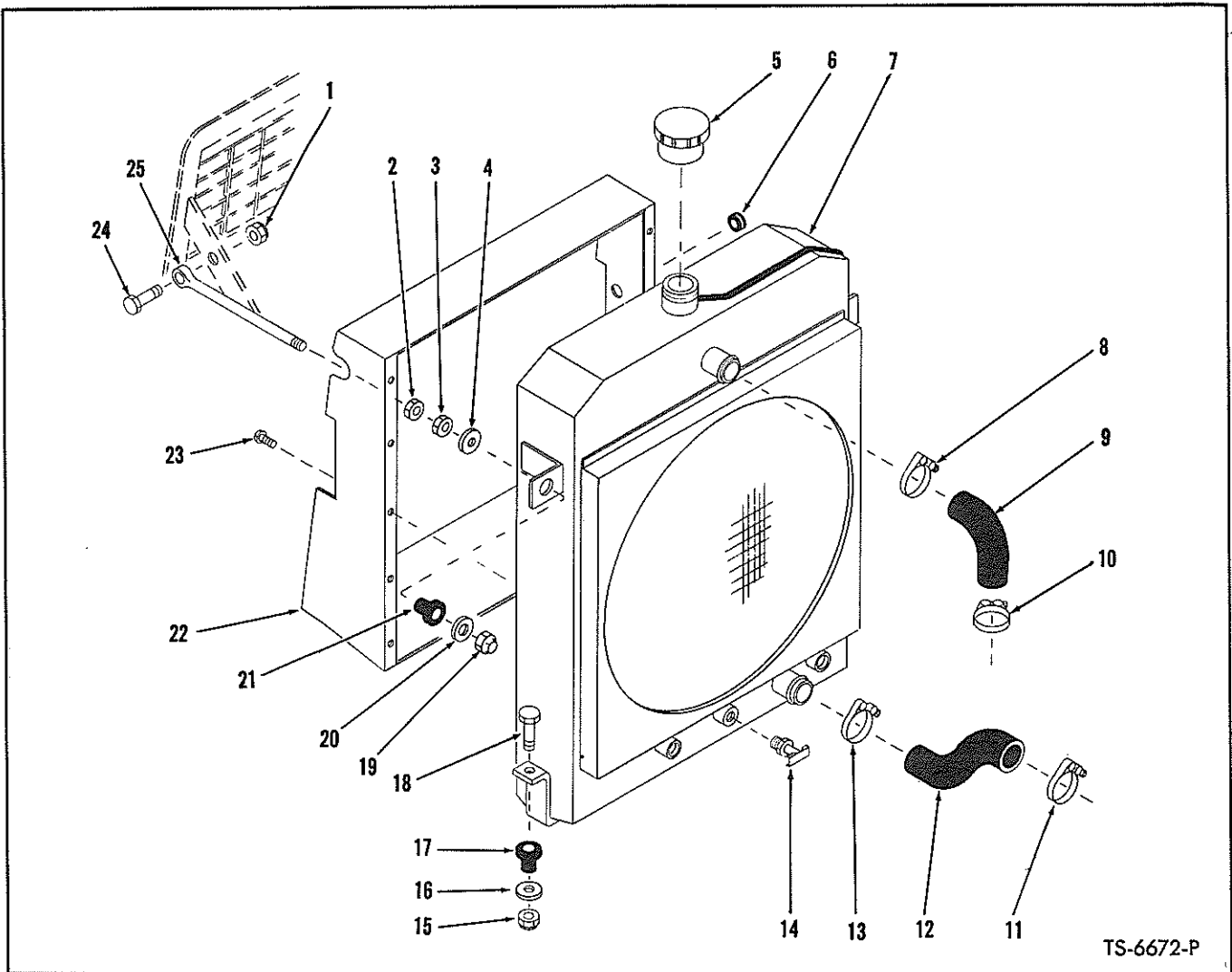


TS-5233-P

SEAT AND SUPPORT GROUP

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	546687	SEAT ASSY, Bucket (Inc. 1, 2, 3, 17, 19)	1	10	619029	WASHER, Mounting Bar	2
1	944981	CUSHION, Back Rest	1	11	18C-824	BOLT, Angle to Support	2
2	944982	BUCKET, Seat	1	12	18D-08	NUT, Angle to Support	2
3	1C-610	BOLT, Cushion Mounting	3	13	550301	SPRING, Angle	1
4	558779	ANGLE, L.H. Seat Mount	1	14	619029	WASHER, Support to Cockpit	5
5	619019	WASHER, Seat Mounting	4	15	4E-08	LKWSHR, Support to Cockpit	5
6	18D-05	NUT, Seat Mounting	4	16	17C-820	BOLT, Support to Cockpit	5
7	557455	SUPPORT, Seat	1	17	1C-610	BOLT, Cushion Mounting	1
8	557458	BAR, Seat Mounting	1	18	558777	ANGLE, R.H. Seat Mount	1
9	1F-420	COTTER, Mounting Bar	2	19	944499	CUSHION, Seat	1

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE

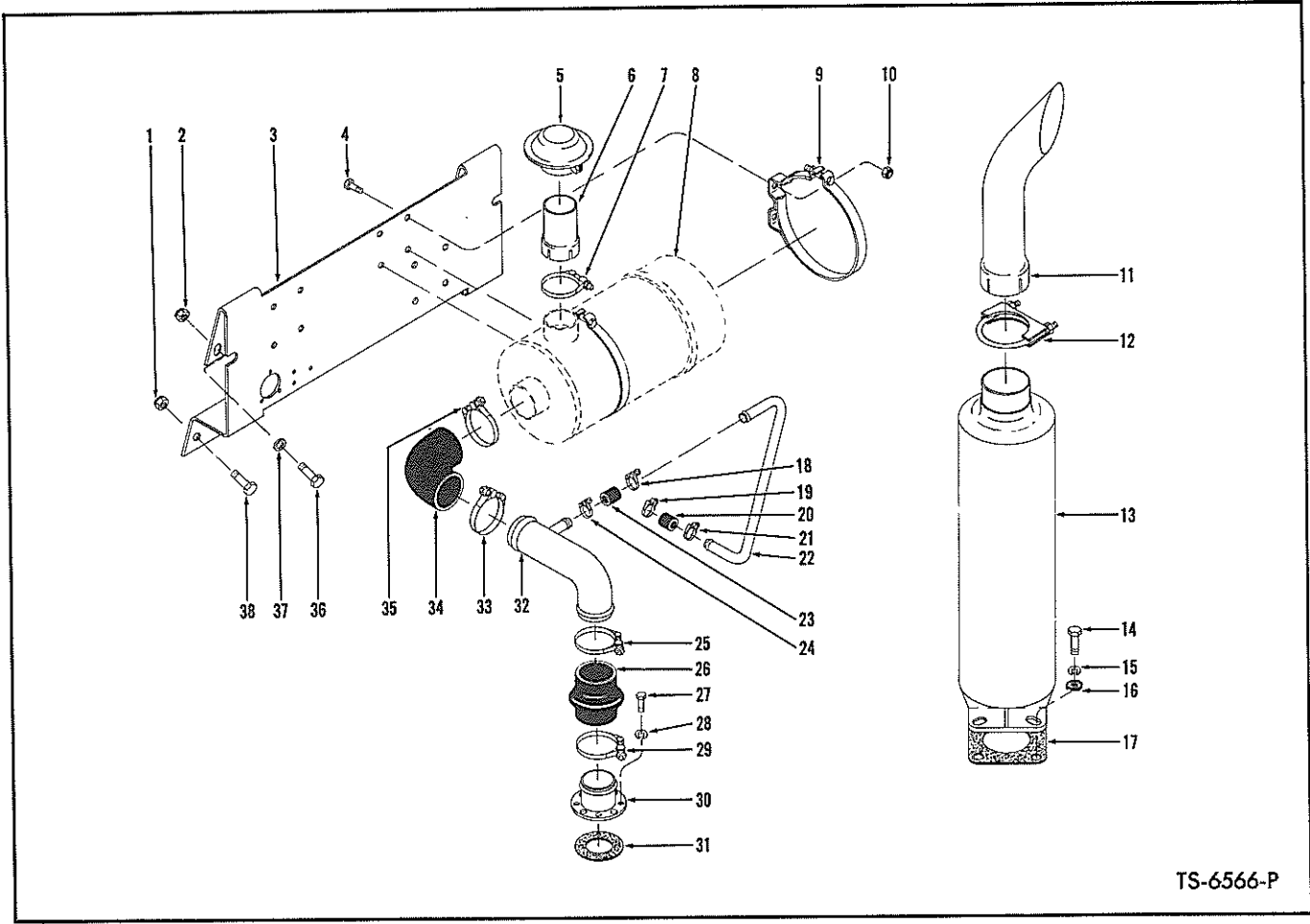


TS-6672-P

RADIATOR AND CONNECTIONS

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	18D-08	NUT, Rod to Grille	2	13	540108	CLAMP, Hose	1
2	8D-08	NUT, Rod Jam	2	14	73F-2	DRAIN COCK, Radiator	1
3	8D-08	NUT, Rod Jam	2	15	18D-08	NUT, Radiator to Frame	2
4	584502	WASHER, Rod Mounting	2	16	584502	WASHER, Radiator to Frame	2
5	351495	CAP, Radiator	1	17	584501	MOUNT, Radiator to Frame	2
6	585950	GROMMET, Radiator Shroud	1	18	18C-836	BOLT, Radiator to Frame	2
7	564003	RADIATOR ASSY (Inc. 5, 7A)	1	19	18D-08	NUT, Rod Mounting	2
7A	945460	HOSE, Overflow	1	20	584502	WASHER, Rod Mounting	2
8	540266	CLAMP, Hose	1	21	584501	MOUNT, Rod to Radiator	2
9	564005	HOSE, Upper Radiator	1	22	563889	SHROUD, Radiator	1
10	540266	CLAMP, Hose	1	23	18G-806	SCREW, Shroud to Radiator	10
11	540108	CLAMP, Hose	1	24	18C-828	BOLT, Rod to Grille	2
12	564006	HOSE, Lower Radiator	1	25	570499	ROD, Radiator to Grille	2

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE



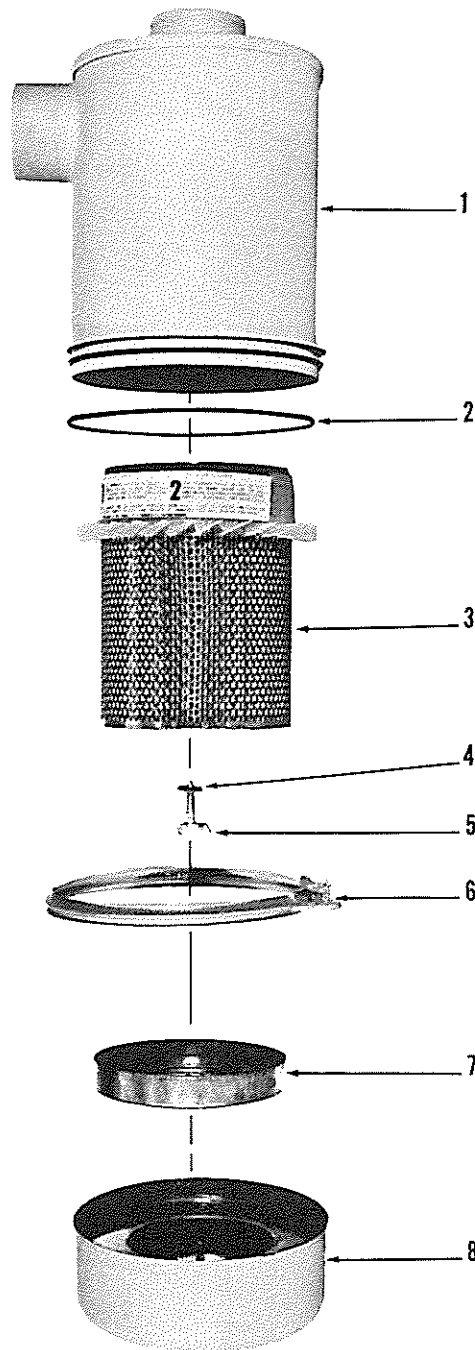
TS-6566-P

MUFFLER, TAIL PIPE AND AIR CLEANER CONNECTIONS

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	18D-08	NUT, Bracket to Cockpit	2	20	509711	HOSE, Tube to Air Compressor	1
2	18D-08	NUT, Bracket to Cockpit	2	21	540103	CLAMP, Hose	1
3	589826	BRACKET, Air Cleaner Mounting	1	22	589852	TUBE, Compressor Intake	1
4	18C-616	BOLT, Air Cleaner to Bracket	4	23	509711	HOSE, Tube to Tube	1
5	568391	CAP, Air Inlet	1	24	540103	CLAMP, Hose	1
6	543573	EXTENSION, Air Inlet	1	25	539042	CLAMP, Hose	1
7	543531	CLAMP, Extension to Air Cleaner	1	26	515424	HOSE, Tube to Adapter	1
8	—	AIR CLEANER — See Index	—	27	17C-516	BOLT, Adapter to Engine	4
9	420945	BAND, Air Cleaner Mounting	2	28	4E-05	LKWSHR, Adapter to Engine	4
10	18D-06	NUT, Air Cleaner to Bracket	4	29	539042	CLAMP, Hose	1
10A	619029	†WASHER, Air Cleaner to Bracket	2	30	527095	ADAPTER, Air Intake	1
11	547585	TAIL PIPE	1	31	527096	GASKET, Adapter to Engine	1
12	660738	CLAMP, Tail Pipe to Muffler	1	32	589791	TUBE, Air Intake	1
13	568806	MUFFLER	1	33	539042	CLAMP, Hose	1
14	17C-620	BOLT, Muffler to Engine	4	34	515425	ELBOW, Tube to Air Cleaner	1
15	4E-06	LKWSHR, Muffler to Engine	4	35	539042	CLAMP, Hose	1
16	656672	WASHER, Muffler to Engine	4	36	18C-824	BOLT, Bracket to Cockpit	2
17	509303	GASKET, Muffler to Engine	1	37	619029	WASHER, Bracket to Cockpit	2
18	540103	CLAMP, Hose	1	38	18C-824	BOLT, Bracket to Cockpit	2
19	540103	CLAMP, Hose	1				

†Not Illustrated

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE



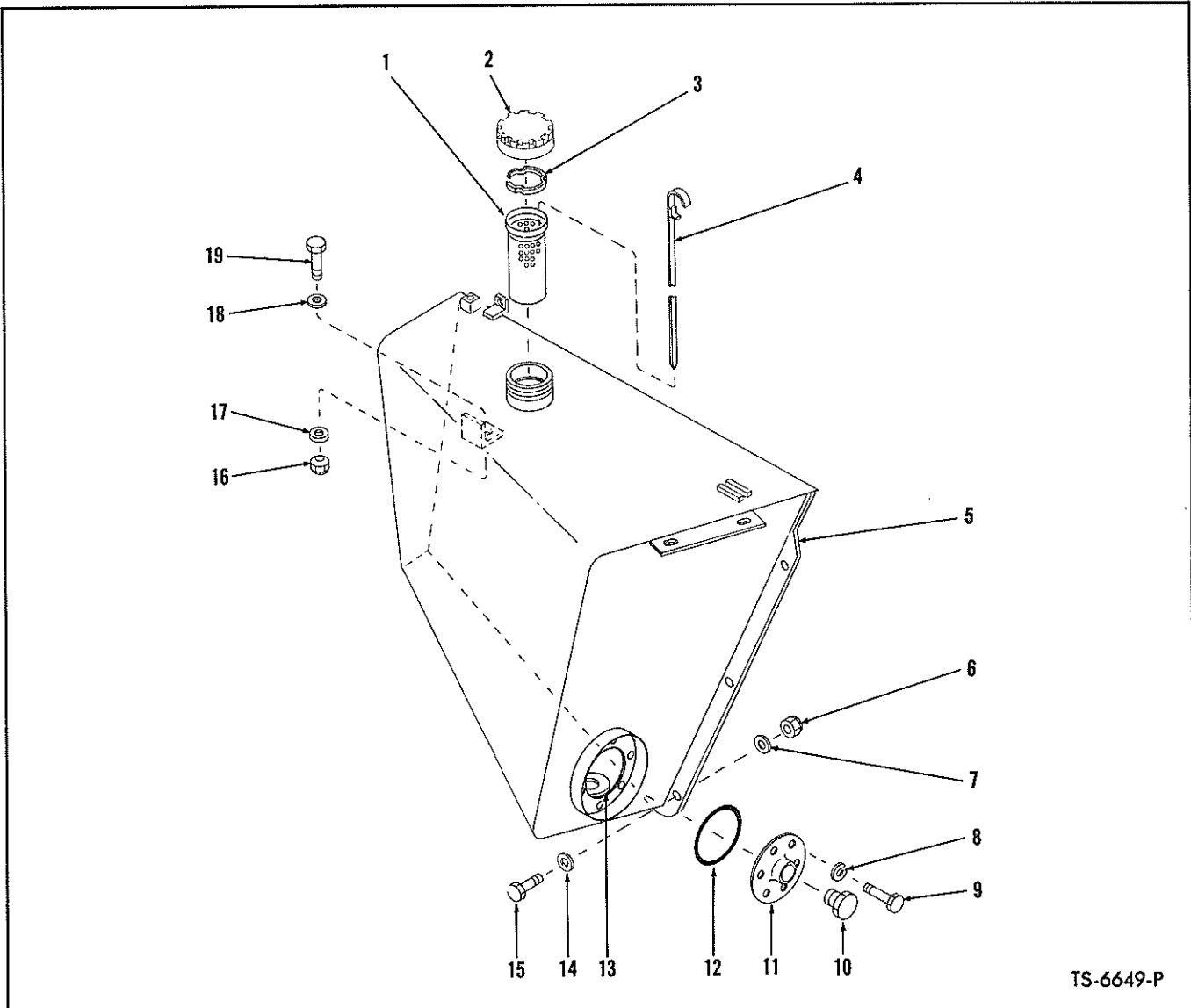
TS-5266-P

AIR CLEANER ASSEMBLY

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	1632441	AIR CLEANER ASSY (Inc. 1 thru 8)	1	5	886285	BOLT, Element Attaching	1
1	-----	§BODY, Air Cleaner — See Item A	—	6	944955	CLAMP, Dust Cover	1
2	886288	GASKET, Air Cleaner	1	7	894653	BAFFLE	1
3	944954	ELEMENT	1	8	894652	CUP, Dust	1
4	886287	WASHER, Element Attaching	1				

§Not Sold Separately

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE

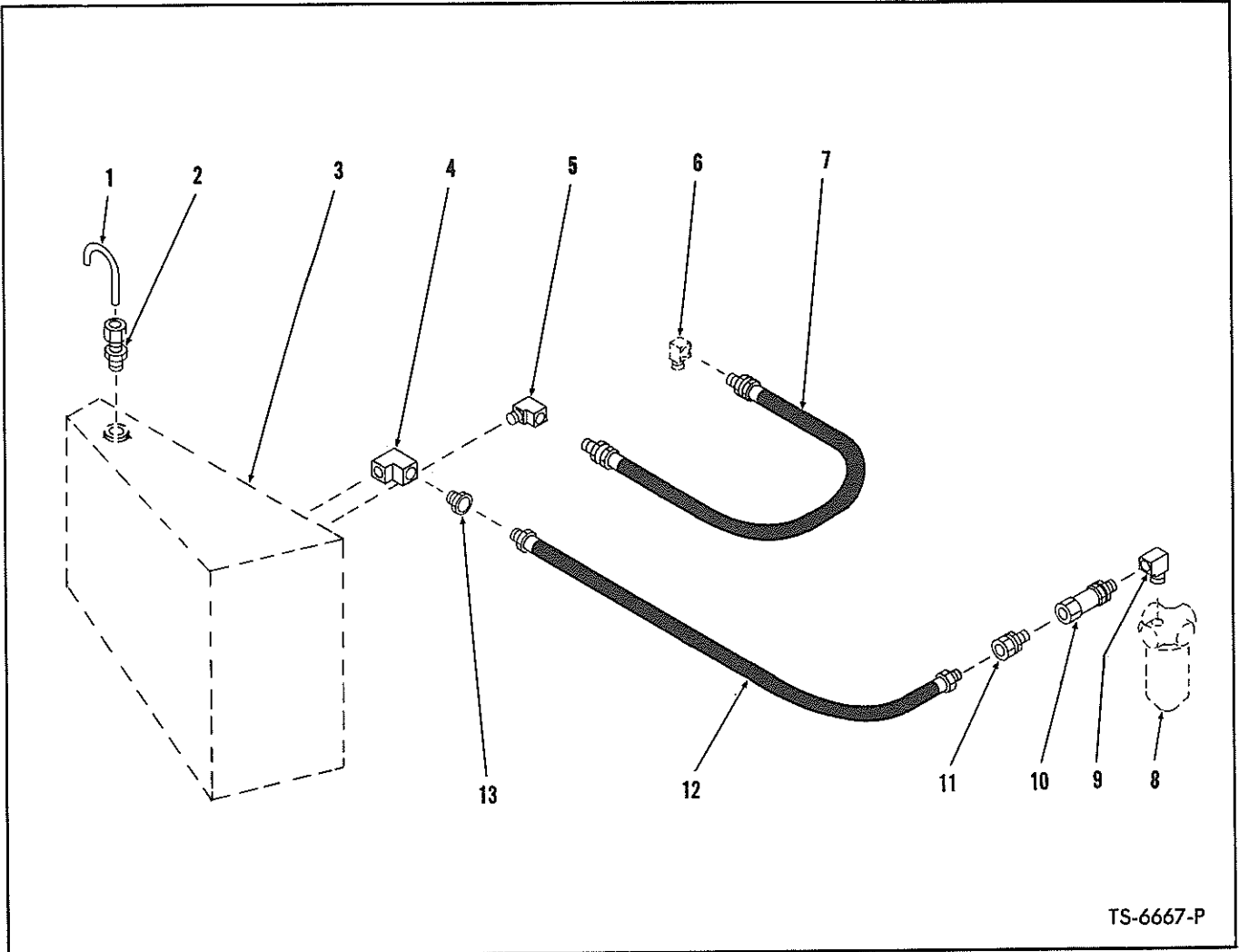


TS-6649-P

FUEL TANK

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	943957	STRAINER, Fuel Tank	1	11	587613	PLATE, Inspection	1
2	556655	CAP, Fuel Tank	1	12	25K-40428	"O" RING, Inspection Plate	1
3	569914	RING, Cap Retaining	1	13	525293	MAGNET	1
4	567864	DIPSTICK	1	14	616813	WASHER, Fuel Tank to Side Plate	5
5	589200	FUEL TANK	1	15	18C-1244	BOLT, Fuel Tank to Side Plate	5
6	18D-12	NUT, Fuel Tank to Side Plate	5	16	70D-12	NUT, Tank to Frame	1
7	616813	WASHER, Fuel Tank to Side Plate	5	17	71D-12	BASE, Tank to Frame	1
8	4E-06	LKWSHR, Inspection Plate to Tank	6	18	616813	WASHER, Tank to Frame	1
9	18C-612	BOLT, Inspection Plate to Tank	6	19	18C-1244	BOLT, Tank to Frame	1
10	40K-16	PLUG, Drain	1				

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE



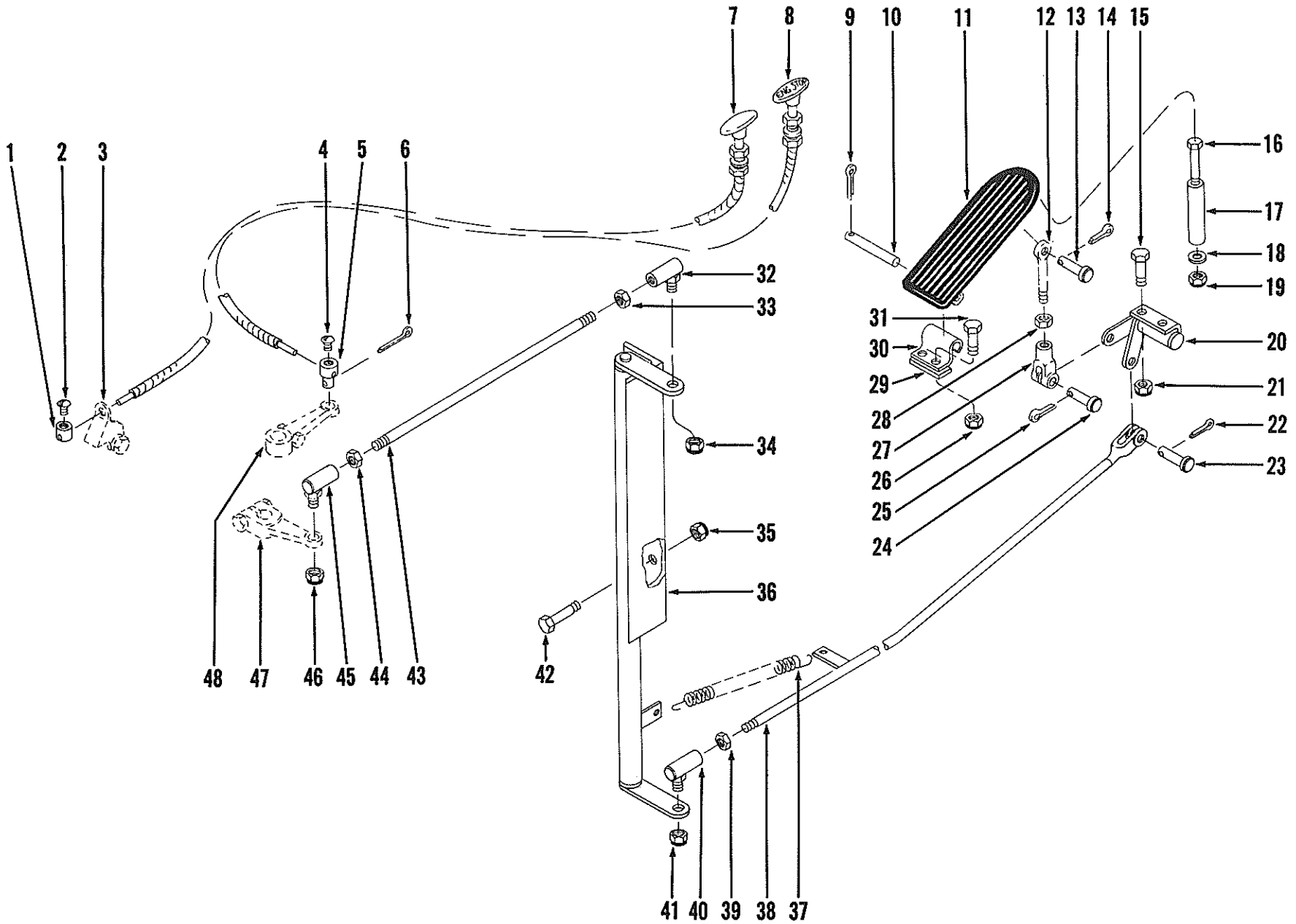
TS-6667-P

FUEL LINES

Item No.	Part No.	Description	No. Req'd.
1	567847	TUBE, Breather	1
2	49F-3	CONNECTOR, Tube to Tank	1
3	-----	FUEL TANK-See Index	—
4	27F-3	ELBOW, Hose to Tank	1
5	62F-5	ELBOW, Hose to Tank	1
6	-----	*MANIFOLD, Injector Drain	—
7	563903	HOSE, Fuel Return	1
8	-----	*FILTER, Fuel	—
9	29F-1	ELBOW, Filter	1
10	531792	VALVE, Check	1
11	36F-2	ADAPTER UNION, Valve to Hose	1
12	610236	HOSE, Fuel Suction	1
13	19F-5	BUSHING, Tank Reducing	1

*NOTE: See your local authorized G.M. Distributor for service and replacement of these parts.

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE



ACCELERATOR PEDAL AND LINKAGE

TS-6565-P

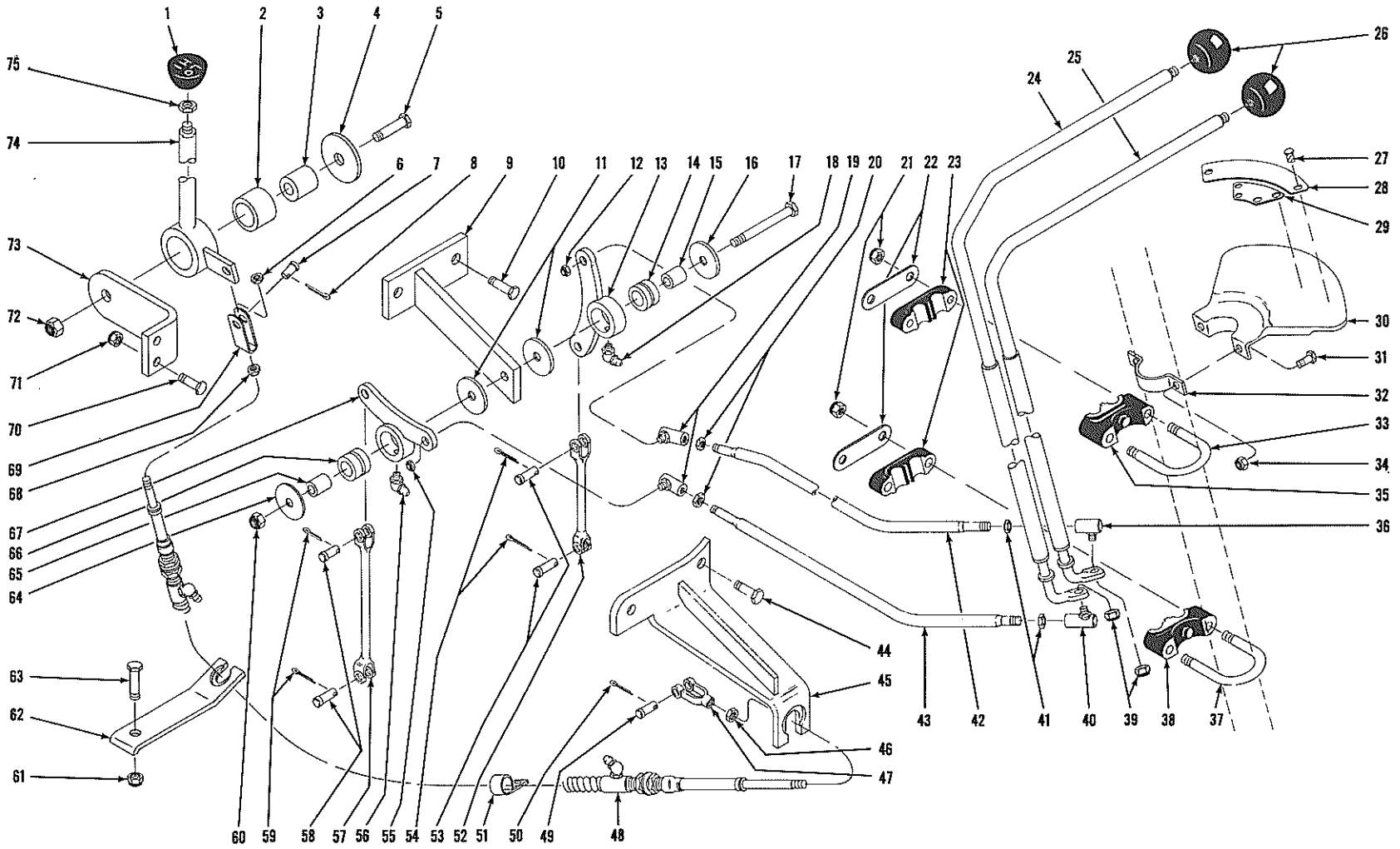
[16]

PM 2086

ACCELERATOR PEDAL AND LINKAGE

Item No.	Part No.	Description	No. Req'd.
1	535003	CONNECTOR, Cable	1
2	3G-1008	SCREW, Cable Connector	1
3	-----	SHUT-OFF, Emergency — See Engine Parts Manual	—
4	3G-1008	SCREW, Cable Connector	1
5	351131	CONNECTOR, Cable	1
6	1F-308	COTTER, Cable Connector	1
7	1520190	CABLE, Emergency Shut-Off	1
8	1520193	CABLE, Engine Shut-Off	1
9	1F-316	COTTER, Pivot Pin	1
10	623762	PIN, Pedal Pivot	1
11	623829	PEDAL, Accelerator	1
12	550619	ROD, Pedal to Clevis	1
13	4F-04051	PIN, Rod to Pedal	1
14	1F-207	COTTER, Pedal Pin	1
15	18C-412	BOLT, Bellcrank to Floorboard	2
16	18C-448	BOLT, Pedal Stop	1
17	551016	STOP, Pedal	1
18	774337	WASHER, Pedal Stop	1
19	18D-04	NUT, Pedal Stop	1
20	572174	BELLCRANK, Front	1
21	18D-04	NUT, Bellcrank to Floorboard	2
22	1F-216	COTTER, Clevis Pin	1
23	4F-04051	PIN, Rod to Bellcrank	1
24	4F-04051	PIN, Clevis to Bellcrank	1
25	1F-207	COTTER, Clevis Pin	1
26	18D-04	NUT, Bracket to Floorboard	2
27	2J-4200	CLEVIS, Rod to Bellcrank	1
28	8D-04	NUT, Clevis Jam	1
29	572556	SPACER, Bracket to Floorboard	1
30	623760	BRACKET, Pedal Pivot	1
31	18C-416	BOLT, Bracket to Floorboard	2
32	1301361	BALL JOINT	1
33	8D-05	NUT, Ball Joint Jam	1
34	18D-05	NUT, Ball Joint to Bellcrank	1
35	18D-06	NUT, Bellcrank to Transmission Filter Bracket	2
36	569352	BELLCRANK, Rear	1
37	551090	SPRING	1
38	571111	ROD, Accelerator (Inc. 39, 40)	1
39	8D-05	NUT, Ball Joint Jam	1
40	1301361	BALL JOINT	1
41	18D-05	NUT, Ball Joint to Bellcrank	1
42	18C-628	BOLT, Bellcrank to Trans. Filter Bracket	2
43	571112	ROD, Governor Control (Inc. 32, 33, 44, 45)	1
44	8D-05	NUT, Ball Joint Jam	1
45	1301361	BALL JOINT	1
46	18D-05	NUT, Ball Joint to Governor Lever	1
47	-----	GOVERNOR, — See Engine Parts Manual	—
48	-----	SHUT-OFF, Fuel — See Engine Parts Manual	—

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE



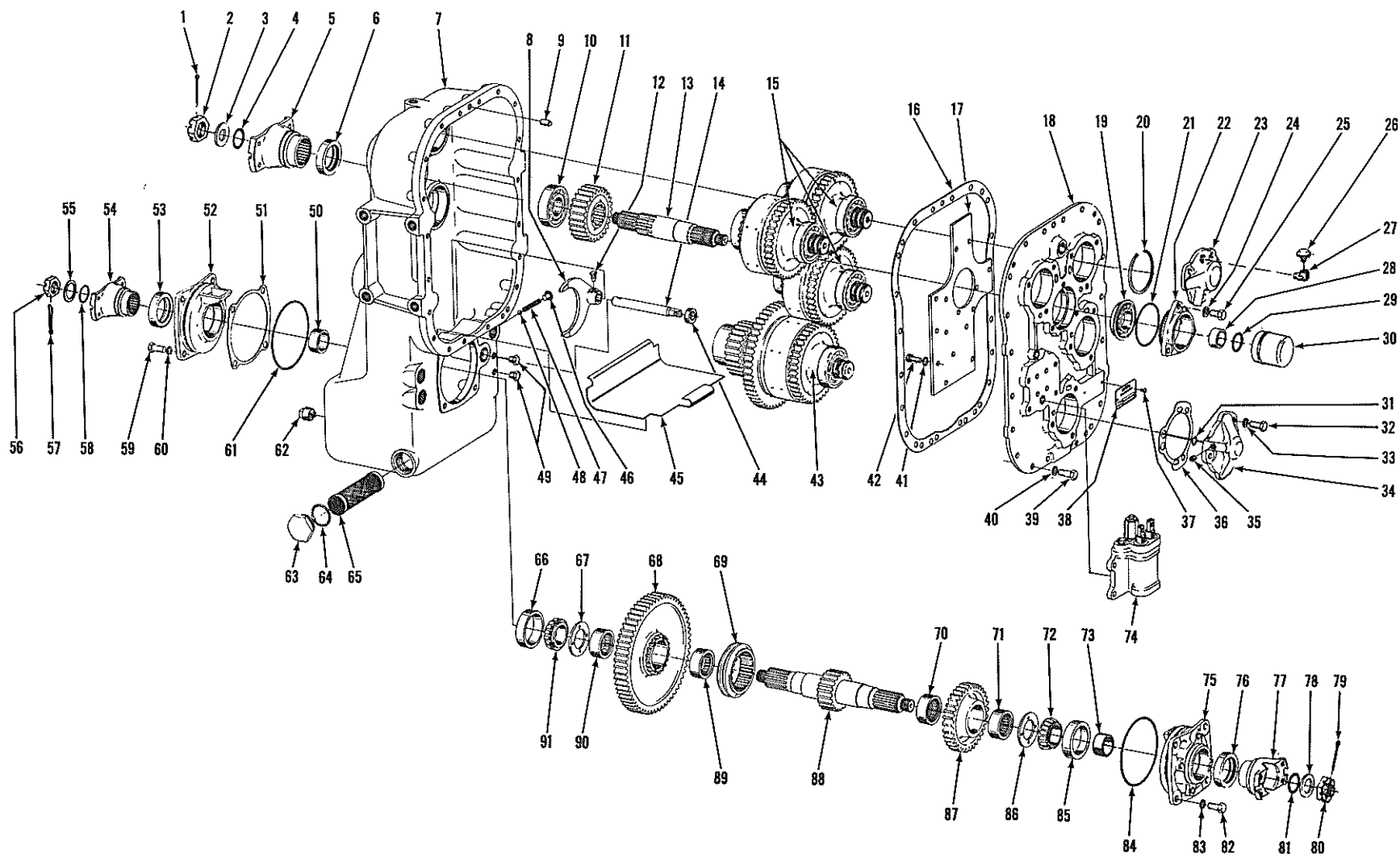
TRANSMISSION CONTROL LEVERS AND LINKAGE

TS-6673-P

TRANSMISSION CONTROL LEVERS AND LINKAGE

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	563753	KNOB, Shift Lever	1	39	66D-06	NUT, Ball Joint to Shift Lever	2
2	549580	BUSHING, Shift Lever	1	40	1301362	BALL JOINT	1
3	550646	SLEEVE, Shift Lever	1	41	8D-06	NUT, Ball Joint Jam	2
4	616796	WASHER, Shift Lever Mounting	1	42	557030	ROD ASSY, Hi-Lo Control (Inc. 19, 20, 36, 41)	1
5	18C-844	BOLT, Shift Lever Mounting	1	43	556424	ROD ASSY, Fwd. & Reverse (Inc. 19, 20, 40, 41)	1
6	8D-05	NUT, Control Cable Jam	1	44	17C-724	BOLT, Bracket Mounting	2
7	4F-05062	PIN, Clevis	1	45	568803	BRACKET, Anchor (Hi-Lo Cable)	1
8	1F-312	COTTER, Clevis Pin	1	46	8D-05	NUT, Control Cable Jam	1
9	557032	BRACKET, Bellcrank Mounting	1	47	556413	CLEVIS, Cable End	1
10	17C-724	BOLT, Bracket Mounting	2	48	556411	CABLE, Hi-Lo Range Control	1
11	616795	WASHER, Bellcrank Mounting	2	49	4F-06106	PIN, Clevis	1
12	66D-06	NUT, Ball Joint to Bellcrank	1	50	1F-312	COTTER, Clevis Pin	1
13	585500	BELLCRANK	1	51	562608	CLIP	1
14	585597	BUSHING, Bellcrank	1	52	557034	ROD, Hi-Lo	1
15	585596	SLEEVE, Bellcrank	1	53	4F-06106	PIN, Clevis	2
16	616795	WASHER, Bellcrank Mounting	1	54	1F-312	COTTER, Clevis Pin	2
17	18C-856	BOLT, Bellcrank Mounting	1	55	66D-06	NUT, Ball Joint to Bellcrank	1
18	12H-15	FITTING, Bellcrank Grease	1	56	12H-15	FITTING, Bellcrank Grease	1
19	1301362	BALL JOINT	2	57	556422	ROD, Forward & Reverse	1
20	8D-06	NUT, Ball Joint Jam	2	58	4F-06106	PIN, Clevis	2
21	18D-05	NUT, Lever Mounting Support	4	59	1F-312	COTTER, Clevis Pin	2
22	589906	PLATE, Support Back-Up	2	60	18D-08	NUT, Bellcrank Mounting	1
23	581979	SUPPORT, Lever Mounting	2	61	18D-08	NUT, Bracket Mounting	1
24	562227	LEVER, Shift — Forward & Reverse	1	62	562607	BRACKET, Hi-Lo Cable Mounting	1
25	562224	LEVER, Shift — Four Speed	1	63	18C-864	BOLT, Bracket Mounting	1
26	509772	KNOB, Shift Lever	2	64	616795	WASHER, Bellcrank Mounting	1
27	6C-605	SCREW, Plate Mounting Drive	6	65	585596	SLEEVE, Bellcrank	1
28	567977	PLATE, Shift Quadrant — Hi-Lo	1	66	585597	BUSHING, Bellcrank	1
29	567947	PLATE, Shift Quadrant — Forward & Reverse	1	67	585500	BELLCRANK	1
30	567946	QUADRANT, Shift	1	68	8D-05	NUT, Control Cable Jam	1
31	18C-412	BOLT, Shift Quadrant Mounting	2	69	589411	FITTING, Cable End	1
32	567945	CLAMP, Shift Quadrant Mounting	1	70	18C-620	BOLT, Bracket Mounting	2
33	557246	U-BOLT, Levers to Steering Column ..	1	71	18D-06	NUT, Bracket Mounting	2
34	18D-04	NUT, Shift Quadrant Mounting	2	72	18D-08	NUT, Lever Mounting	1
35	581978	SUPPORT, Lever Mounting	1	73	562606	BRACKET, Hi-Lo Range Lever Mounting	1
36	1301362	BALL JOINT	1	74	562605	LEVER, Hi-Lo Range	1
37	557246	U-BOLT, Levers to Steering Column ..	1	75	7D-06	NUT, Hi-Lo Range Lever Jam	1
38	581978	SUPPORT, Lever Mounting	1				

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE



[20]

TRANSMISSION ASSEMBLY AND MOUNTING BRACKETS

TS-6775-P



CONSTRUCTION MACHINERY DIVISION

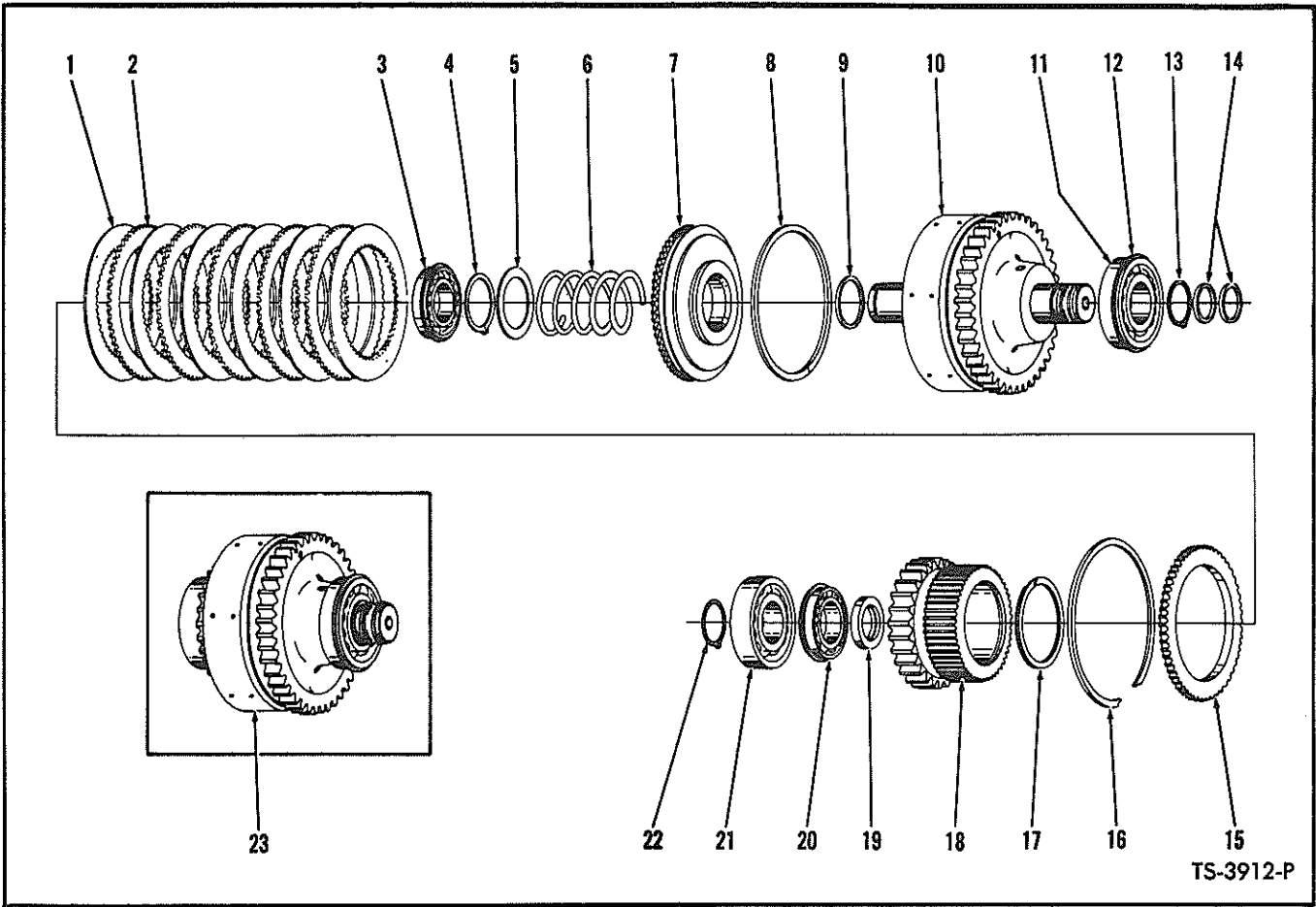


TRANSMISSION ASSEMBLY AND MOUNTING BRACKETS

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	281986	TRANSMISSION ASSY (2420-17) (Inc. 1 thru 91)	1	48	10J-12	BALL, Range Shift Rail Detent	1
1	1F-428	COTTER, Flange Nut	1	49	40K-04	PLUG, Oil Level	2
2	201951	NUT, Input Flange	1	50	215162	SPACER, Brake Flange	1
3	102745	WASHER, Input Flange	1	51	215156	‡SHIM, Bearing Cap — .004"	—
4	25K-40112	"O" RING, Input Flange	1	51A	215157	‡SHIM, Bearing Cap — .007"	—
5	214940	FLANGE, Input Shaft	1	51B	215158	‡SHIM, Bearing Cap — .010"	—
6	206864	SEAL, Input Shaft Oil	1	52	215155	CAP, Output Shaft Bearing	1
7	228494	CASE ASSY, Transmission (Inc. 6)	1	53	206864	SEAL, Bearing Cap Oil	1
8	215146	FORK, Range Shift	1	54	214985	FLANGE, Output	1
9	214295	PIN, Cover to Case Dowel	2	55	102745	WASHER, Flange Nut	1
10	225603	BEARING, Input Shaft	1	56	201951	NUT, Flange	1
11	215166	GEAR, Input Shaft	1	57	1F-428	COTTER, Flange Nut	1
12	201566	SCREW, Shift Fork Lock	1	58	25K-40112	"O" RING, Flange	1
13	217952	SHAFT, Input	1	59	1C-820	BOLT, Bearing Cap	4
14	215145	RAIL, Range Shift	1	60	5E-08	LKWSHR, Bearing Cap	4
15	—	CLUTCH GROUP — Foward, Reverse & Low — See Index (Inc. 20)	—	61	25K-40524	"O" RING, Bearing Cap	1
16	215144	GASKET, Cover to Case	1	62	215757	PLUG, Drain — Magnetic	1
17	215143	PLATE, Oil Circuit	1	63	219370	PLUG, Suction Screen	1
18	215142	COVER ASSY, Trans. (Inc. 17, 41, 42)	1	64	219373	GASKET, Suction Screen Plug	1
19	225824	BEARING, Input Shaft Locating	1	65	215205	SCREEN, Suction	1
20	945374	RING, Bearing Retaining	4	66	675544	CUP, Output Shaft Bearing	1
21	25K-40316	"O" RING, Input Shaft Bearing Cap	1	67	215154	WASHER, Output Shaft Thrust	1
22	215198	CAP ASSY, Input Shaft Bearing (Inc. 22A)	1	68	215150	GEAR ASSY, Low (Inc. 89, 90) (61T) ..	1
22A	206864	†SEAL, Input Shaft Oil	1	69	215149	HUB, Output Shaft Shift	1
23	228961	CAP, Distributor Bearing	1	70	225079	BEARING, High Gear	1
24	—	LKWSHR, Bearing Cap — See 25	—	71	225079	BEARING, High Gear	1
25	5C-718	BOLT, Bearing Cap (Inc. 24)	3	72	675548	CONE, Output Shaft Bearing	1
26	211433	BREATHER, Air	1	73	215162	SPACER, Brake Flange	1
27	25F-3	ELBOW	1	74	—	CONTROL VALVE — See Index	—
28	215162	SPACER, Input Flange	1	75	215155	CAP, Output Shaft Bearing	1
29	659065	RING, Bearing Retaining	1	76	206864	SEAL, Bearing Cap Oil	1
30	209412	CAP, Input Shaft	1	77	214985	FLANGE, Output	1
31	25K-30016	"O" RING, Bearing Cap	4	78	102745	WASHER, Flange Nut	1
32	5C-718	BOLT, Bearing Cap (Inc. 33)	12	79	1F-428	COTTER, Flange Nut	1
33	—	LKWSHR, Bearing Cap — See 32	—	80	201951	NUT, Flange	1
34	215163	CAP, Distributor Bearing	3	81	25K-40112	"O" RING, Flange	1
35	16F-02	PLUG, Bearing Cap Pipe	4	82	1C-820	BOLT, Bearing Cap	4
36	215164	GASKET, Bearing Cap	4	83	5E-08	LKWSHR, Bearing Cap	4
37	207873	SCREW, Name Plate	2	84	25K-40524	"O" RING, Bearing Cap	1
38	220725	PLATE, Name	1	85	675544	CUP, Output Shaft Bearing	1
39	1C-720	BOLT, Cover to Case	20	86	215154	WASHER, Output Shaft Thrust	1
40	4E-07	LKWSHR, Cover to Case	20	87	215152	GEAR ASSY, High (Inc. 70, 71) (34T) ..	1
41	5E-06	LKWSHR, Plate to Cover	15	88	215551	SHAFT, Output	1
42	1C-614	BOLT, Plate to Cover	15	89	225079	BEARING, Low Gear	1
43	—	CLUTCH GROUP — High — See Index (Inc. 20)	—	90	225079	BEARING, Low Gear	1
44	225075	SEAL, Range Shift Oil	1	91	675548	CONE, Output Shaft Bearing	1
45	228943	PLATE, Baffle	1	92	589573	†BRACKET, Trans. Mounting	2
46	40K-04	PLUG, Range Shift Rail Detent	1	93	18C-832	†BOLT, Bracket to Frame	4
47	215191	SPRING, Range Shift Rail Detent	1	94	619029	†WASHER, Bracket to Frame — L.H.	2
				95	18D-08	†NUT, Bracket to Frame	4
				96	17C-1228	†BOLT, Bracket to Trans.	8
				97	4E-12	†LKWSHR, Bracket to Trans.	8

†Not Illustrated
‡As Required

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE



TS-3912-P

CLUTCH GROUP — FORWARD, REVERSE AND LOW

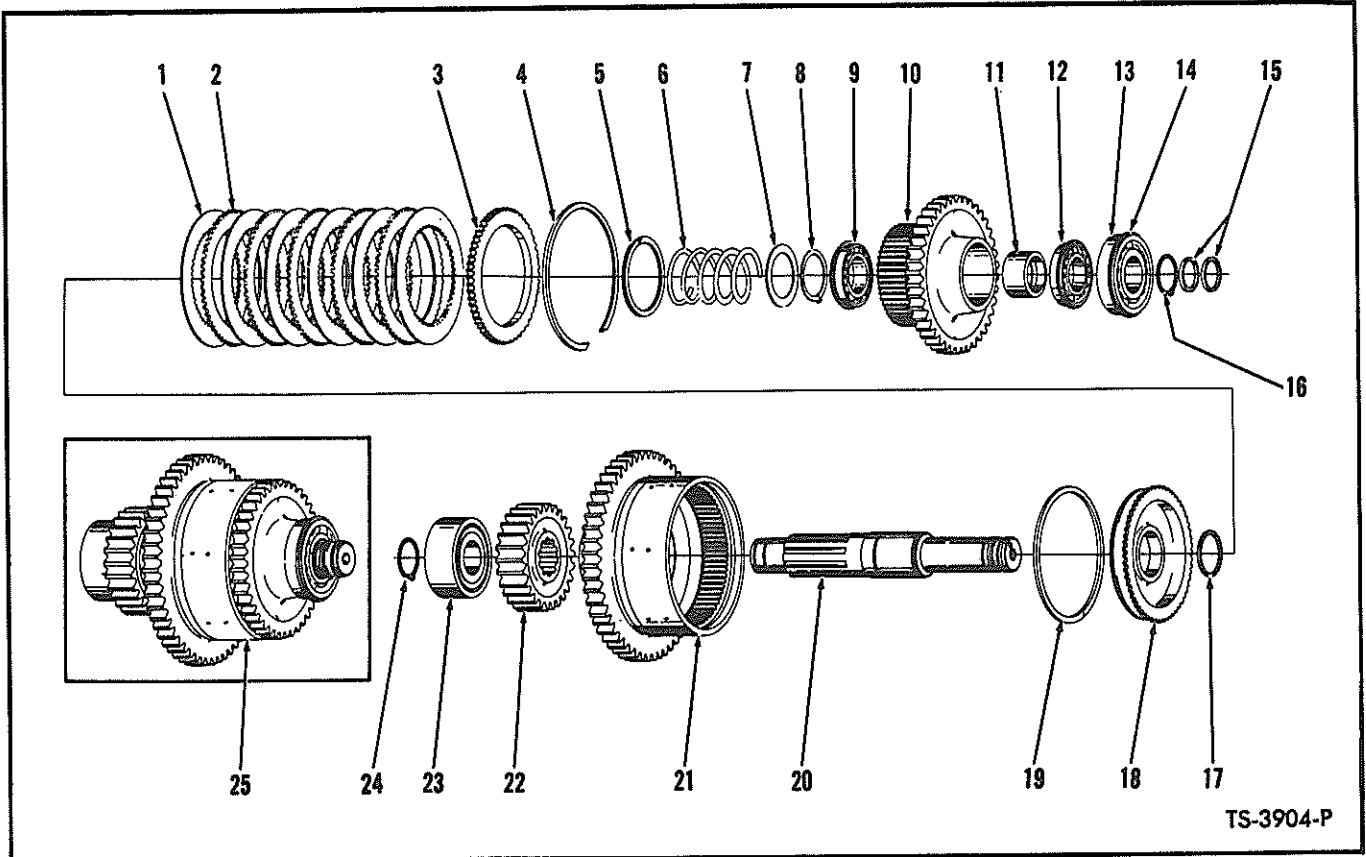
(This Group used 3 times in Transmission — Quantities listed below are for 1 Clutch Group)

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	215178	DISC, Clutch Inner	6	11	666559	BEARING, Clutch Shaft (Inc. 12)	1
2	224772	DISC, Clutch Outer	5	12	945374	RING, Bearing Retaining	1
3	225076	BEARING, Clutch Disc Hub	1	13	659065	RING, Clutch Shaft Bearing Retaining	1
4	654613	RING, Return Spring Retaining	1	14	215183	RING, Clutch Shaft Sealing	2
5	616848	WASHER, Return Spring Retaining	1	15	224774	PLATE, Clutch Disc End	1
6	215179	SPRING, Clutch Piston Return	1	16	215190	RING, End Plate Retaining	1
7	215177	PISTON, Clutch	1	17	225077	RING, Clutch Disc Hub Oil Baffle	1
8	224771	RING, Piston Outer Sealing	1	18	215180	GEAR & HUB ASSY (28T)	1
9	223085	RING, Piston Inner Sealing	1	19	215182	SPACER, Clutch Disc Hub Bearing	1
10	215663	DRUM ASSY, Clutch (Inc. 10A, 10B) (40T)	1	20	225076	BEARING, Clutch Disc Hub	1
10A	215176	†SEAT, Bleed Valve Ball	1	21	658016	BEARING, Clutch Shaft	1
10B	10J-06	†BALL, Bleed Valve	1	22	659065	RING, Clutch Shaft Bearing Retaining	1
				23	—	§CLUTCH ASSY	1

†Not Illustrated

§Not sold as an Assembly — Order individual parts.

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE



TS-3904-P

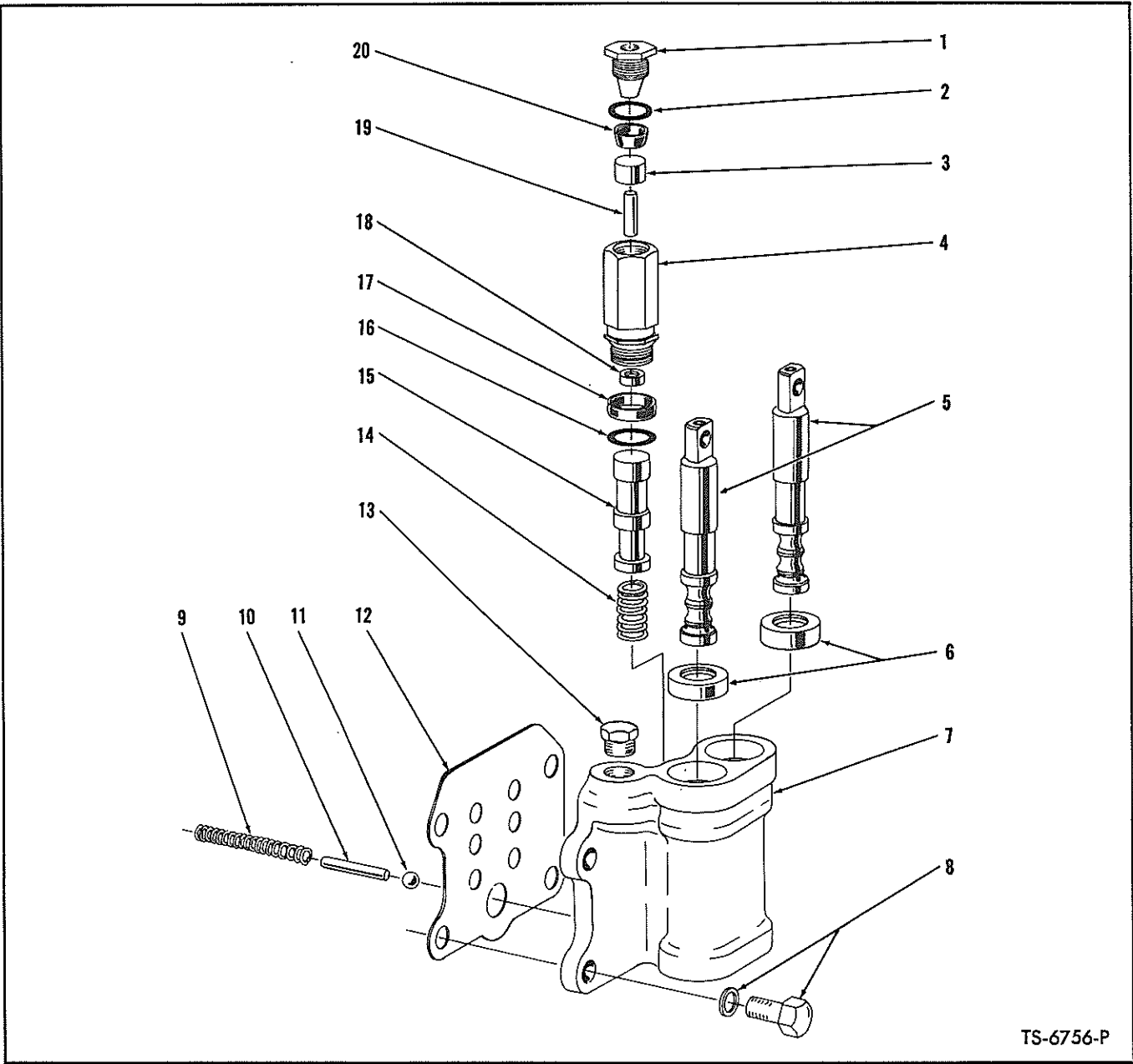
CLUTCH GROUP — HIGH

Item No.	Part No.	Description	No. Req'd.
1	215178	DISC, Clutch Inner	6
2	224772	DISC, Clutch Outer	5
3	224774	PLATE, Clutch Disc End	1
4	215190	RING, End Plate Retaining	1
5	225077	RING, Disc Hub Oil Baffle	1
6	215179	SPRING, Piston Return	1
7	616848	WASHER, Return Spring Retaining	1
8	654613	RING, Return Spring Retaining	1
9	225076	BEARING, Clutch Disc Hub	1
10	215188	HUB & GEAR, Clutch Disc (40T)	1
11	215189	SPACER, Clutch Disc Hub Bearing	1
12	225076	BEARING, Clutch Disc Hub	1
13	666559	BEARING, Clutch Shaft (Inc. 14)	1
14	945374	RING, Bearing Retaining	1
15	215183	RING, Clutch Shaft Sealing	2
16	659065	RING, Bearing Retaining	1
17	223085	RING, Piston Inner Sealing	1
18	215177	PISTON, Clutch	1
19	224771	RING, Piston Outer Sealing	1
20	215184	SHAFT, Clutch	1
21	227952	DRUM & GEAR ASSY, Clutch (Inc. 21A, 21B) (53T)	1
21A	215176	†SEAT, Bleed Valve Ball	1
21B	10J-06	†BALL, Bleed Valve	1
22	215166	GEAR, High Clutch Shaft (26T)	1
23	799595	BEARING, Clutch Shaft High Gear	1
24	659065	RING, Bearing Retaining	1
25	-----	§CLUTCH ASSY	1

†Not Illustrated

§Not Sold as an Assembly — Order individual parts.

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE



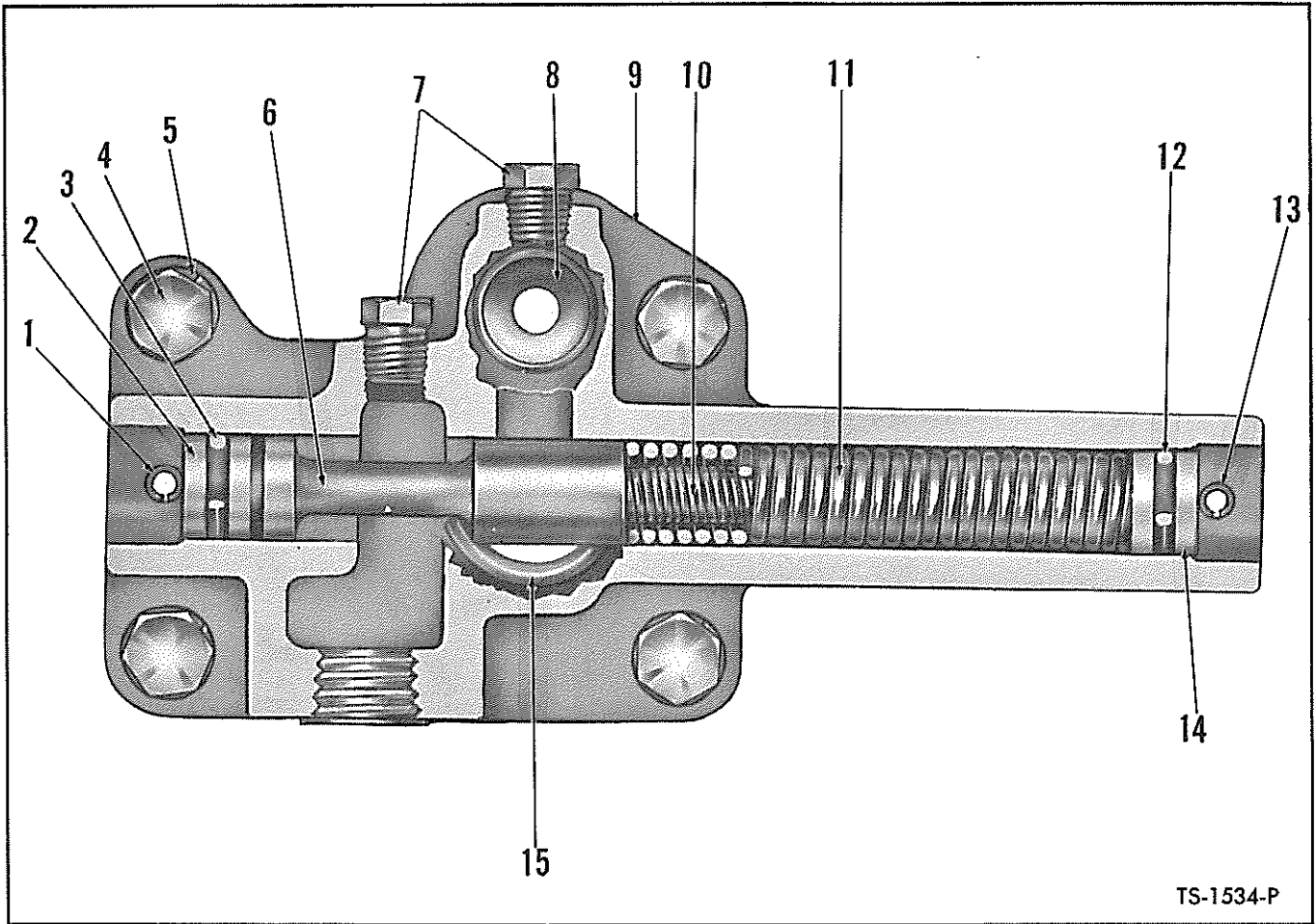
TS-6756-P

CONTROL VALVE — TRANSMISSION

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	229047	CONTROL VALVE ASSY (Inc. 1 thru 20)	1	9	215147	SPRING, Detent	2
1	215200	PLUG, Stop	1	10	215194	PIN, Detent Stop	2
2	25K-30020	"O" RING	1	11	10J-12	BALL, Detent	2
3	215199	SPACER, Cup	1	12	215169	GASKET, Housing to Cover	1
4	215196	VALVE, De-Clutch (Inc. 1, 2, 3, 4A, 16 thru 20)	1	13	40K-02	PLUG	1
4A	215197	HOUSING, Valve De-Clutch	1	14	220363	SPRING, Control Valve	1
5	—	§VALVE, Manual Control — See A	2	15	—	§VALVE, De-Clutch Control — See A ..	1
6	225075	SEAL, Manual Control Valve Oil	2	16	25K-30022	"O" RING	1
7	—	§HOUSING, Control Valve — See A	1	17	228931	SEAL, Band	1
8	5C-718	BOLT & LKWSHR, Housing to Cover ..	4	18	224315	SEAL, Oil	1
				19	106358	PIN, Push	1
				20	227874	CUP, Piston	1

§Not Sold Separately

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE

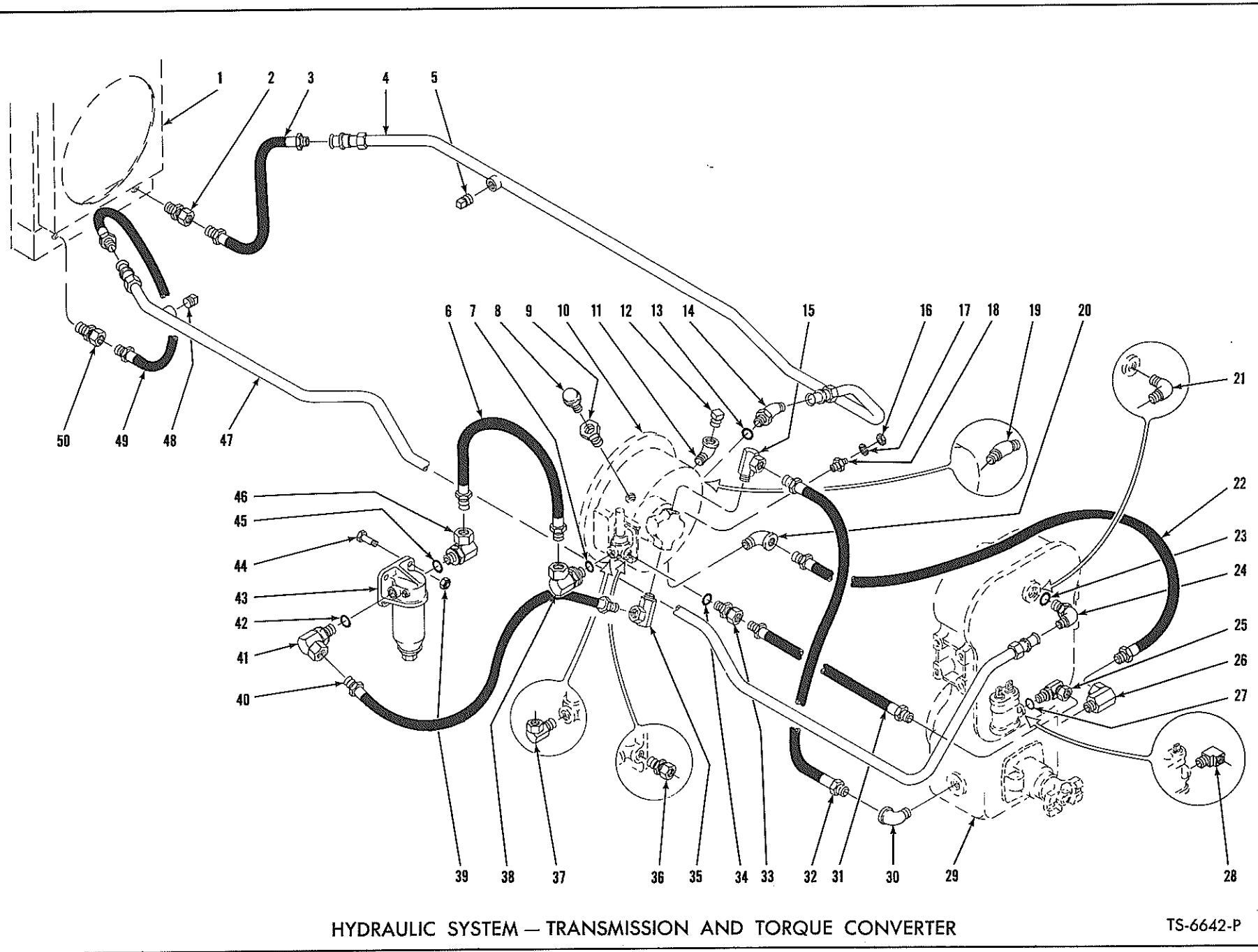


PRESSURE REGULATOR VALVE ASSEMBLY

Item No.	Part No.	Description	No. Req'd.
A	214969	VALVE ASSY, Pressure Regulator (Inc. 1, 2, 3, 6, 8 thru 15)	1
1	660178	PIN, Piston Stop	1
2	220983	STOP, Piston	1
3	25K-30018	"O" RING, Piston Stop	1
4	1C-616	BOLT, Valve to Converter	4
5	4E-06	LKWSHR, Valve to Converter	4
6	-----	§PISTON, Valve — See Item "A"	—
7	40K-02	PLUG, Valve Housing	2
8	214946	SEAT, Safety Valve	1
9	-----	§BODY, Valve — See Item "A"	—
10	220981	SPRING, Valve — Inner	1
11	220982	SPRING, Valve — Outer	1
12	25K-30018	"O" RING, Piston Stop	1
13	660178	PIN, Piston Stop	1
14	220983	STOP, Piston	1
15	25K-40104	"O" RING, Valve to Converter	1
16	214949	†GASKET, Valve to Housing	1

§Not Sold Separately
†Not Illustrated

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE



HYDRAULIC SYSTEM — TRANSMISSION AND TORQUE CONVERTER

TS-6642-P

HYDRAULIC SYSTEM — TRANSMISSION AND TORQUE CONVERTER

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	-----	RADIATOR — See Index	—	27	91F-6	"O" RING, Elbow — See Serial Group "D" Below	1
2	36F-5	ADAPTER UNION, Hose to Radiator ..	1	28	29F-2	ELBOW, Hose to Transmission — See Serial Group "C" Below	1
3	526847	HOSE, Radiator to Cooler Line	1	29	-----	TRANSMISSION — See Index	—
4	589477	LINE, Radiator to Converter Cooler (Inc. 5)	1	30	26F-6	ELBOW, Hose to Transmission	1
5	40K-04	PLUG, Cooler Line	1	31	556575	HOSE, Converter to Transmission	1
6	546803	HOSE, Converter to Filter	1	32	589367	HOSE, Converter to Transmission	1
7	91F-8	"O" RING, Elbow — See Serial Group "B" Below	1	33	690279	CONNECTOR, Hose to Converter Valve (Inc. 34) — See Serial Group "B" Below	1
8	211433	BREATHER, Converter Air	1	34	91F-6	"O" RING, Connector — See Serial Group "B" Below	1
9	227265	VALVE, Air Breather Check	1	35	31F-5	ADAPTER UNION, Hose to Converter Pump	1
10	-----	CONVERTER — See Index	—	36	36F-3	CONNECTOR, Hose to Converter Valve — See Serial Group "A" Below	1
11	25F-6	ELBOW, Converter Fill	1	37	553843	ADAPTER UNION, Hose to Converter Valve — See Serial Group "A" Below	1
12	13F-16	PLUG, Converter Fill	1	38	526676	ADAPTER UNION, Hose to Converter Valve — See Serial Group "B" Below	1
13	91F-8	"O" RING, Elbow — See Serial Group "B" Below	1	39	18D-06	NUT, Filter Mounting	4
14	18K-8	ELBOW, Line to Converter (Inc. 13) — See Serial Group "B" Below	1	40	546810	HOSE, Pump to Filter	1
15	31F-6	ADAPTER UNION, Hose to Converter Pump	1	41	526676	ELBOW, Hose to Filter (Inc. 42)	1
16	14D-10	NUT, Sender Unit	1	42	91F-8	"O" RING, Elbow	1
17	12E-10	LKWSHR, Sender Unit	1	43	228190	FILTER, Converter & Transmission (Inc. 43A)	1
18	551323	SENDER UNIT, Converter Temperature	1	43A	215502	† CARTRIDGE KIT, Filter	1
19	84F-8	ELBOW, Cooler Line to Converter — See Serial Group "A" Below	1	44	18C-628	BOLT, Filter Mounting	4
20	26F-6	ELBOW, Hose to Converter Drain	1	45	91F-8	"O" RING, Elbow	1
21	83F-8	ELBOW, Cooler Line to Transmission — See Serial Group "C" Below	1	46	526676	ELBOW, Hose to Filter (Inc. 45)	1
22	542626	HOSE, Converter Drain	1	47	589476	LINE, Transmission to Radiator Cooler (Incl. 48)	1
23	91F-8	"O" RING, Elbow — See Serial Group "D" Below	1	48	40K-04	PLUG, Cooler Line	1
24	17K-8	ELBOW, Cooler Line to Transmission (Inc. 23) — See Serial Group "D" Below	1	49	526847	HOSE, Cooler Line to Radiator	1
25	362653	ELBOW, Hose to Transmission (Inc. 27) — See Serial Group "D" Below	1	50	36F-5	ADAPTER UNION, Hose to Radiator ..	1
26	31F-6	ELBOW, Drain Hose to Transmission ..	1				

Serial Group "A" — For Converter with pipe fitting — 6DG101 thru 6DG123

Serial Group "B" — For Converter with "O" Ring fitting — 6DG124 and thereafter

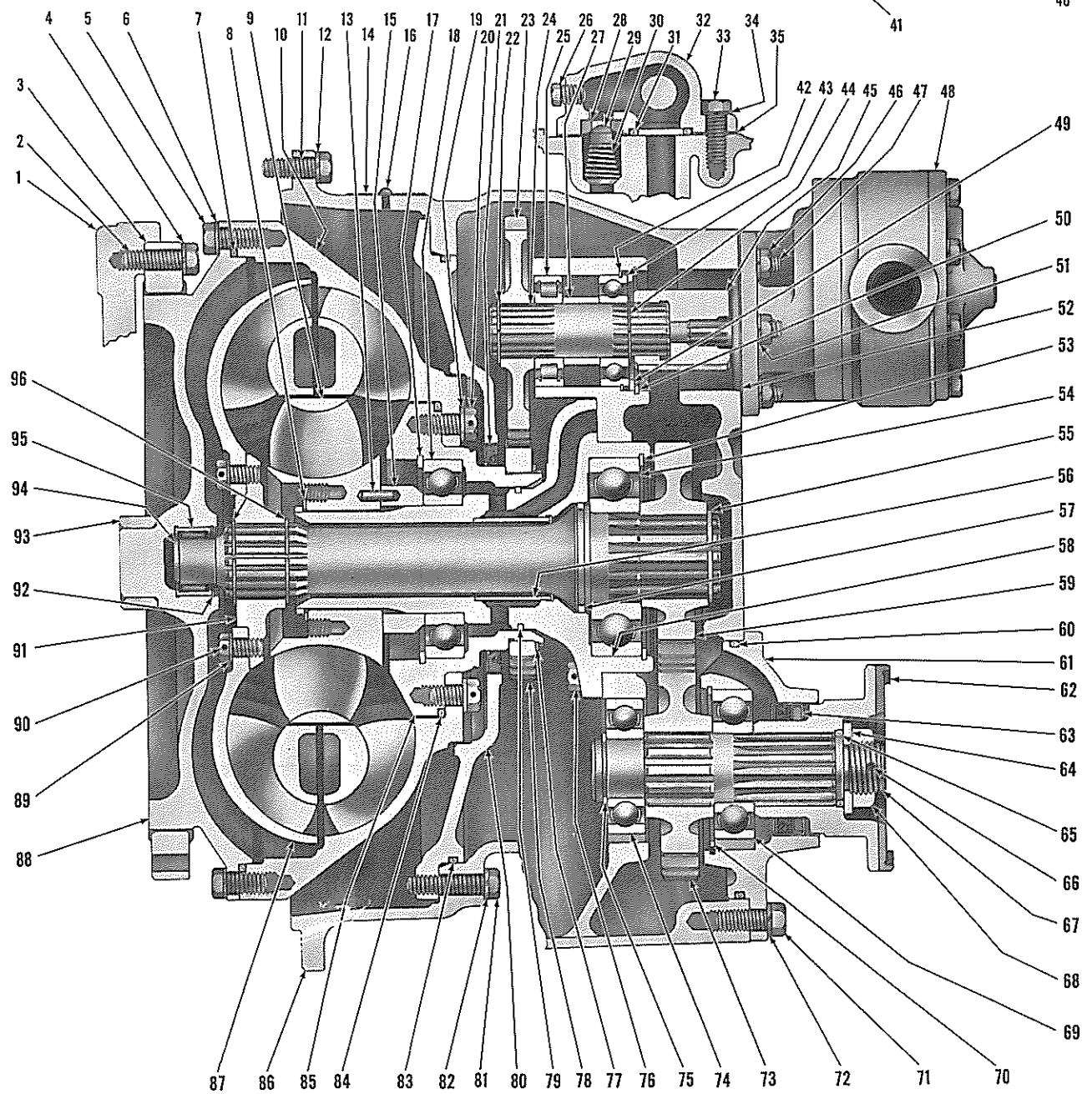
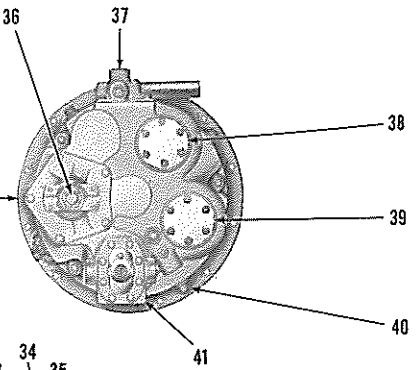
Serial Group "C" — For Transmission with pipe fitting — 6DG101 thru 6DG123, 6DG127

Serial Group "D" — For Transmission with "O" Ring fitting — 6DG124, 6DG125, 6DG126, 6DG128 and thereafter

†Not Illustrated

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE

REAR VIEW OF CONVERTER



TORQUE CONVERTER ASSEMBLY

TS-1566-P

TORQUE CONVERTER ASSEMBLY

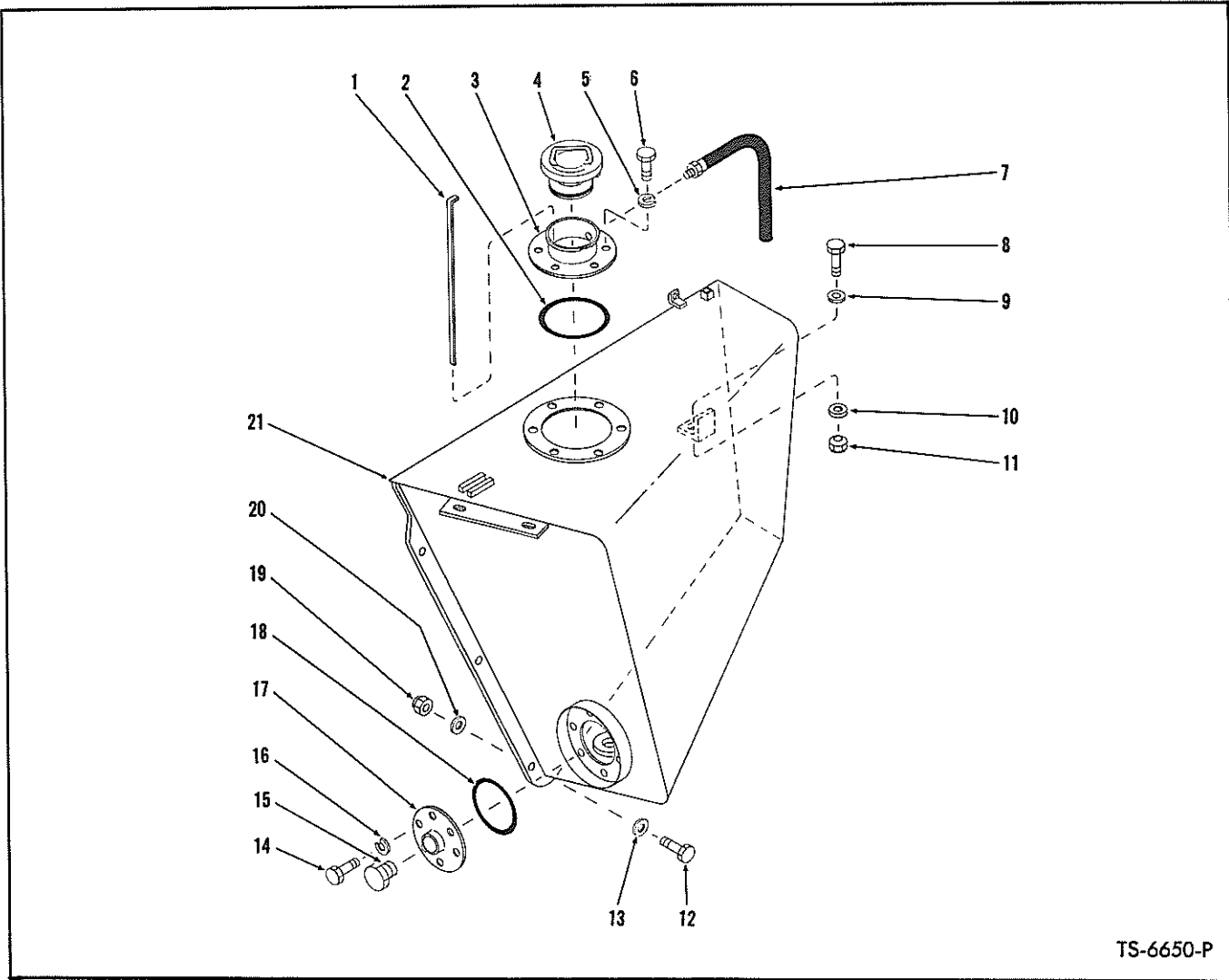
Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	281161	CONVERTER ASSY, Torque (C-273T-5) (Inc. 3, 5 thru 10, 13 thru 96)	1	51	4E-06	LKWSHR, Pump Stud	6
1	-----	FLYWHEEL, Engine — See Engine Parts Manual	—	52	551906	GASKET, Pump Mounting	1
2	224795	BOLT, Drive Gear to Flywheel	8	53	214953	RING, Bearing Retaining	1
3	215264	GEAR, Converter Drive	1	54	742002	BEARING, Turbine Shaft	1
4	215909	WASHER, Drive Gear to Flywheel	8	55	224026	RING, Gear Retaining	1
5	1C-616	BOLT, Impeller to Cover	24	56	-----	§SLEEVE, Stator Support — See Item 58	—
6	4E-06	LKWSHR, Impeller to Cover	24	57	222079	RING, Turbine Shaft Sealing	1
7	214939	"O" RING, Impeller to Cover	1	58	214932	STATOR SUPPORT ASSY (Inc. 56)	1
8	743035	RING, Reaction Member Retaining	1	59	214935	GEAR, Turbine Shaft (28T)	1
9	214957	MEMBER, Reaction	1	60	25K-40512	"O" RING, Bearing Retainer	1
10	214959	IMPELLER	1	61	214945	RETAINER & SEAL, Bearing (Inc. 63)	1
11	17C-620	BOLT, Converter to Flywheel Hsg.	12	62	214940	FLANGE, Companion	1
12	4E-06	LKWSHR, Converter to Flywheel Hsg.	12	63	206864	SEAL, Oil	1
13	658244	PIN, Spacer to Reaction Member Lock	1	64	102745	WASHER, Output Shaft	1
14	220725	PLATE, Name	1	65	25K-40112	"O" RING, Companion Flange	1
15	214934	SPACER, Reaction Member	1	66	1F-424	PIN, Cotter	1
16	207873	SCREW, Name Plate Drive	2	67	214937	SHAFT, Output	1
17	214953	RING, Impeller Hub Bearing Retaining	1	68	201951	NUT, Output Shaft	1
18	214596	BEARING, Impeller Hub	1	69	743439	BEARING, Output Shaft-Rear	1
19	619025	WASHER, Hub to Impeller	8	70	223901	RING, Bearing Retaining	1
20	4C-714	BOLT, Hub to Impeller	8	71	1C-720	BOLT, Bearing Retainer	3
21	214941	SEAL, Oil Baffle	1	71A	214730	STUD, Bearing Retainer	2
22	711298	RING, Gear Retaining	3	71B	8D-07	NUT, Bearing Retainer	2
23	214931	GEAR, Pump Drive (39T)	3	72	4E-07	LKWSHR, Bearing Retainer	5
24	214928	SHAFT, Pump Drive	3	73	214938	GEAR, Output Shaft (27T)	1
25	214936	BEARING, Pump Drive Shaft	3	74	742056	BEARING, Output Shaft — Front	1
26	40K-02	PLUG, Valve Housing	2	75	214955	RING, Bearing Retaining	1
27	214930	SPACER, Pump Shaft	3	76	1C-820	BOLT, Stator Support	6
28	214946	SEAT, Safety Valve	1	76A	7E-08	†LKWSHR, Stator Support	6
29	222318	PLUNGER, Safety Valve	1	77	224009	RING, Gear Retaining	1
30	222312	SPRING, Safety Valve	1	78	214951	GEAR, Impeller Hub (41T)	1
31	25K-40104	"O" RING, Valve to Converter	1	79	221653	RING, Sealing	1
32	-----	VALVE, Regulator — See Item 37	—	80	214925	BAFFLE, Oil	1
33	1C-616	BOLT, Valve Body	4	81	1C-628	BOLT, Oil Baffle	3
34	4E-06	LKWSHR, Valve Body	4	82	4E-06	LKWSHR, Oil Baffle	3
35	214949	GASKET, Valve to Converter	1	83	214939	"O" RING, Oil Baffle	1
36	-----	SHAFT, Output — See Item 67	—	84	25K-40616	"O" RING, Impeller Hub	1
37	-----	VALVE ASSY, Pressure Regulator — See Index	—	85	214958	HUB, Impeller	1
38	-----	COVER — Shipping	—	86	801546	HOUSING, Converter	1
39	-----	COVER — Shipping	—	86A	16F-08	†PLUG, Pipe	1
40	13F-16	PLUG, Converter Housing	4	86B	40K-02	†PLUG, Pipe	1
41	-----	PUMP, Converter Charging — See Item 48	—	86C	13F-20	†PLUG, Pipe	1
42	214954	RING, Bearing Retaining	3	87	223833	TURBINE	1
43	214956	BEARING, Shaft	3	88	214922	COVER, Impeller	1
44	224039	RING, Bearing Retaining	3	89	619023	WASHER, Turbine Hub	8
45	214961	SLEEVE, Pump Drive Adapter	1	90	209313	BOLT, Turbine to Hub	8
46	8D-06	NUT, Pump Stud	6	91	214924	HUB, Turbine	1
47	207647	STUD, Pump	6	92	666542	RING, Bearing Retaining	1
48	450072	PUMP, Converter Charging — See Note "A"	1	93	222006	SLEEVE, Impeller Cover	1
49	214929	WASHER, Pump Shaft	3	94	214933	SHAFT, Turbine	1
50	713186	RING, Washer Retaining	3	95	214988	BEARING, Impeller Cover	1
				96	659065	RING, Turbine Hub Retaining	2
				97	211433	†AIR BREATHER	1
				98	227265	†CHECK VALVE, Air Breather	1

§Not Sold Separately

†Not Illustrated

NOTE "A": When Converter Charging Pump replacement is required, only a new factory built and tested pump should be used. Proper operation of Converter and Transmission is dependent on an efficient charging pump. Damage possible by use of a field rebuilt pump can result in repair cost exceeding cost of new pump alone.

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE



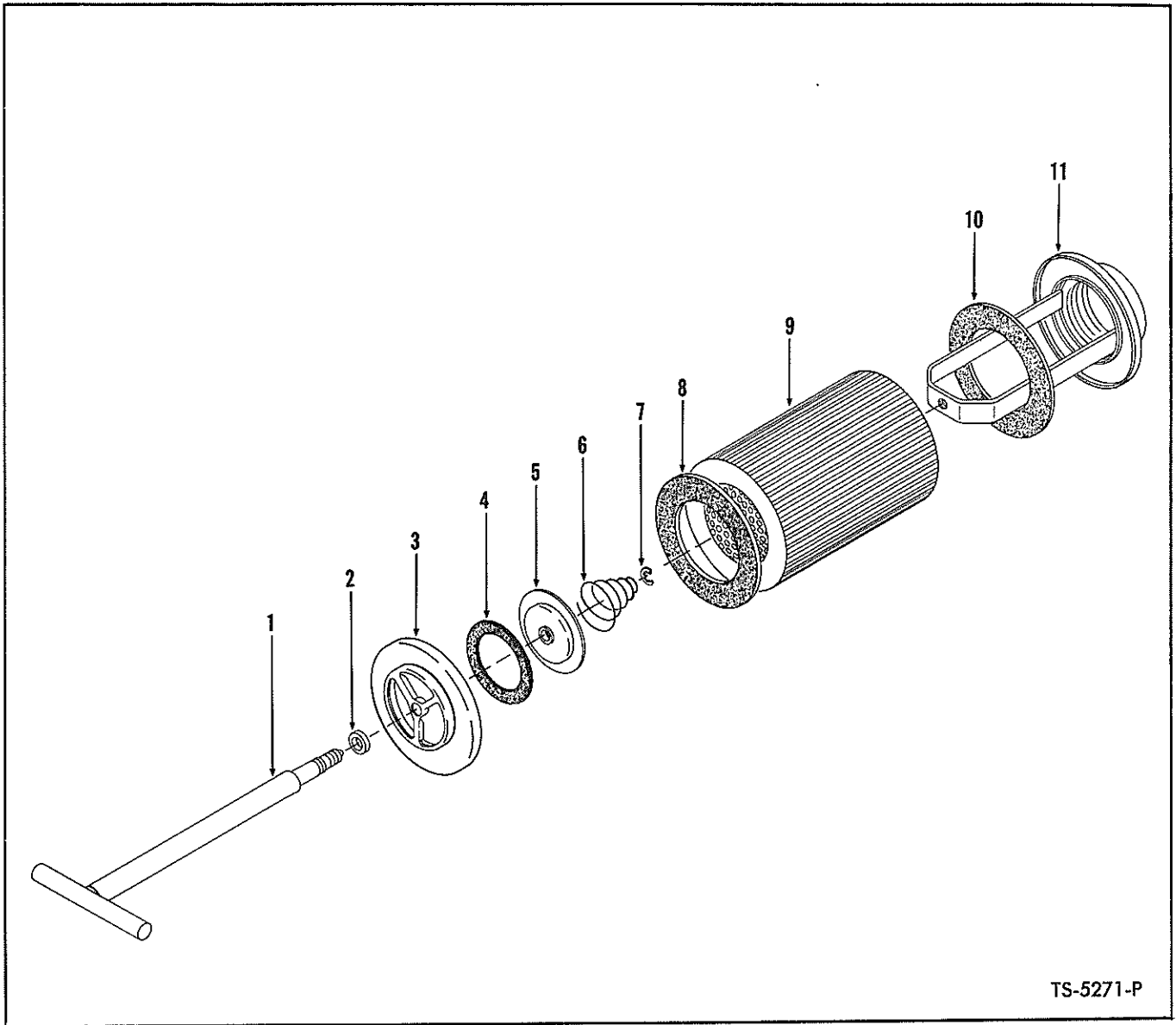
TS-6650-P

HYDRAULIC OIL RESERVOIR

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	569425	DIPSTICK	1	12	18C-1244	BOLT, Tank to Side Plate	5
2	25K-40624	"O" RING, Filler Neck	1	13	616813	WASHER, Tank to Side Plate	5
3	564175	NECK, Filler	1	14	18C-612	BOLT, Inspection Plate to Tank	6
4	569759	CAP, Oil Reservoir	1	15	40K-16	PLUG, Drain	1
5	4E-06	LKWSHR, Filler Neck to Tank	6	16	4E-06	LKWSHR, Inspection Plate to Tank	6
6	18C-612	BOLT, Filler Neck to Tank	6	17	587613	PLATE, Inspection	1
7	569927	HOSE, Overflow	1	18	25K-40428	"O" RING, Inspection Plate	1
8	18C-1244	BOLT, Tank to Frame	1	19	18D-12	NUT, Tank to Side Plate	5
9	616813	WASHER, Tank to Frame	1	20	616813	WASHER, Tank to Side Plate	5
10	71D-12	BASE, Tank to Frame	1	21	589186	OIL RESERVOIR	1
11	70D-12	NUT, Tank to Frame	1	22	525293	†MAGNET	1

†Not Illustrated

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE



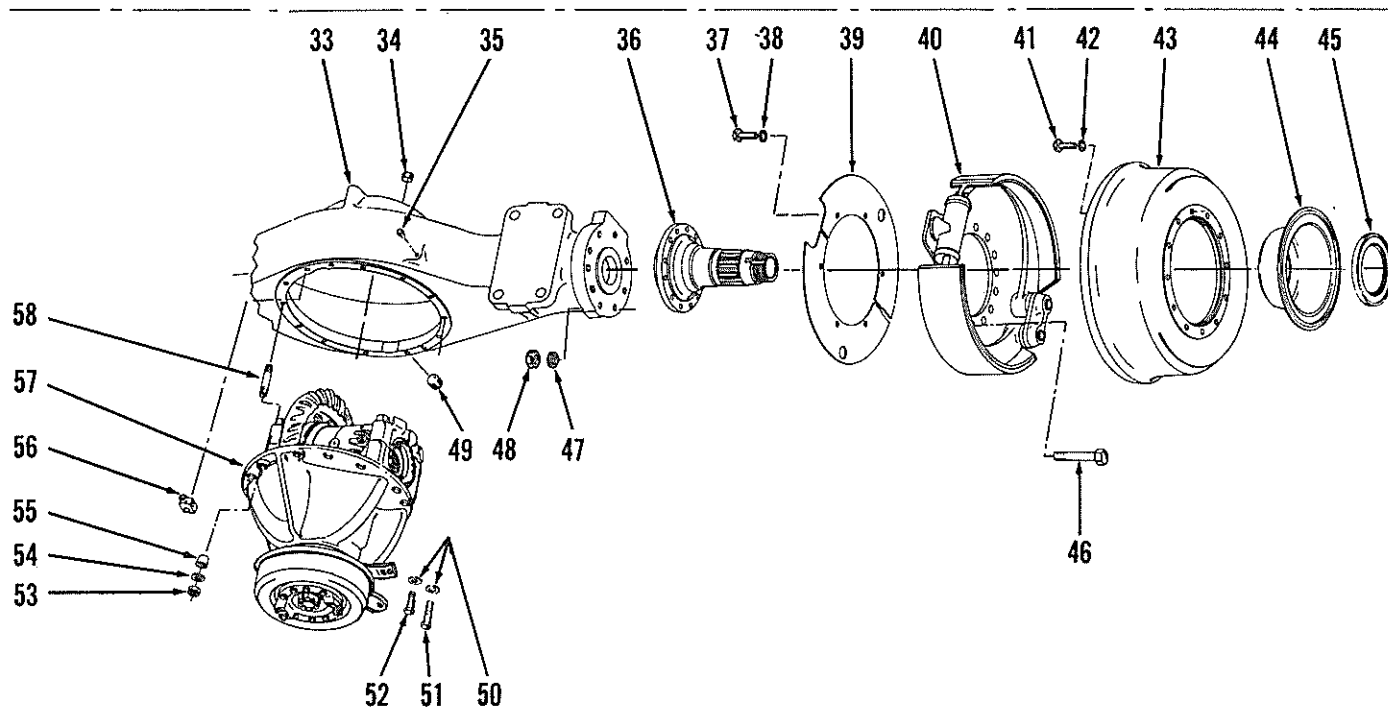
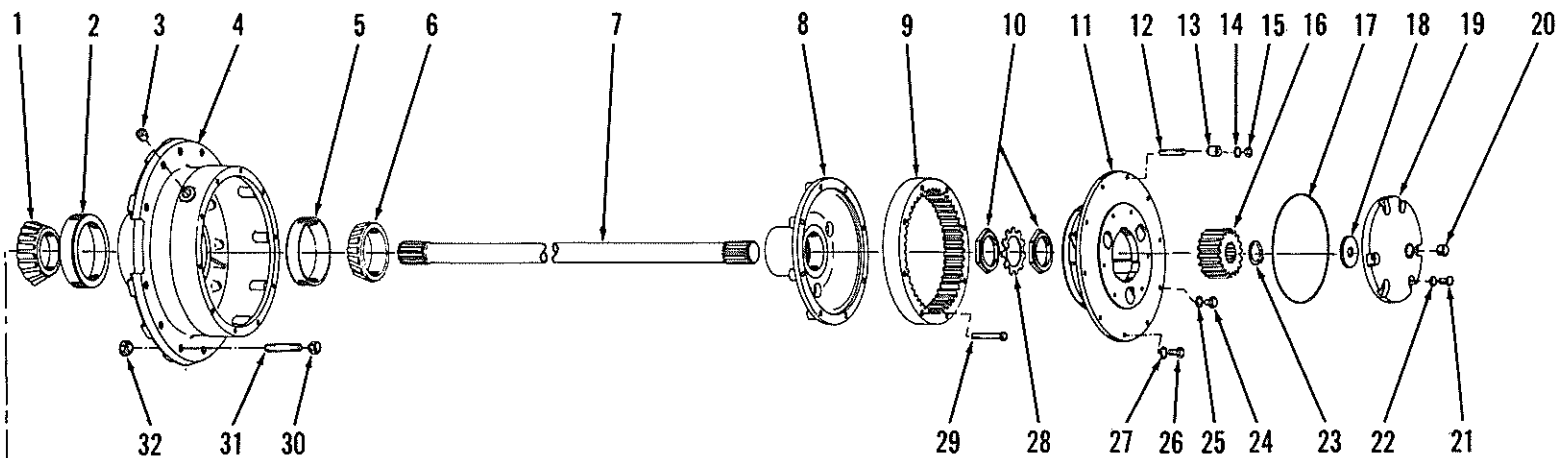
TS-5271-P

HYDRAULIC RESERVOIR FILTER ASSEMBLY

Item No.	Part No.	Description	No. Req'd.
A	562118	FILTER ASSY (Inc. 1 thru 11)	1
B	946105	HANDLE & COVER ASSY (Inc. 1 thru 7)	1
1	-----	§HANDLE, Filter — See Item B	1
2	946060	LKWSHR, Handle & Cover	1
3	-----	§COVER, Filter — See Item B	1
4	946058	GASKET, Cover	1
5	946057	PLATE, Cover Valve	1
6	946056	SPRING, Cover	1
7	1303459	"E" RING, Cover	1
8	946062	GASKET, Element	1
9	946108	ELEMENT, Filter (Inc. 8, 10)	1
10	946062	GASKET, Element	1
11	946106	BASE, Filter	1

§Not Sold Separately

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE



AXLE ASSEMBLY — FRONT DRIVE

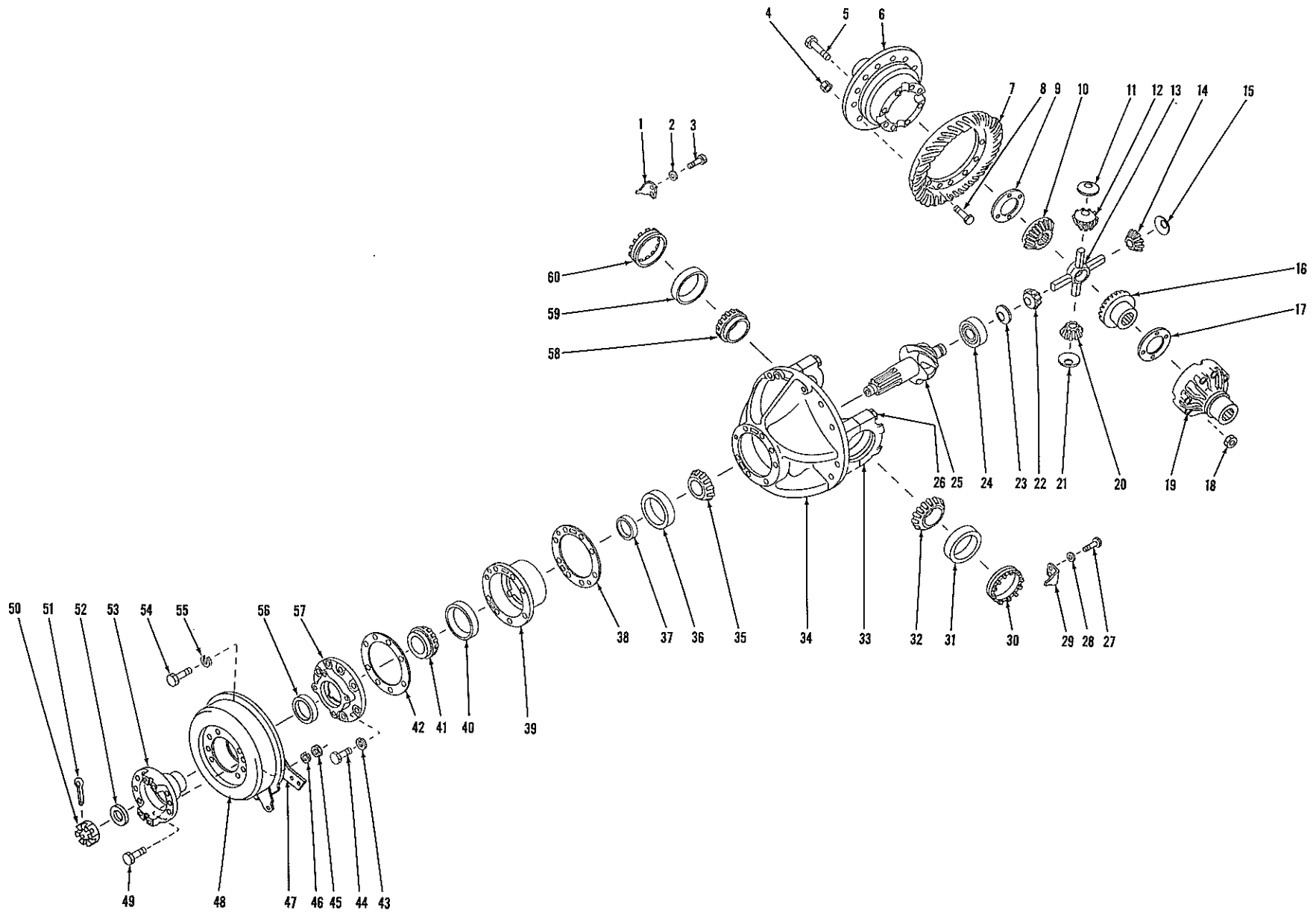
TS-6782-P



AXLE ASSEMBLY — FRONT DRIVE

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	131599	AXLE ASSY (Inc. 1 thru 58)	1	29	106880	BOLT, Internal Gear to Hub	16
1	799408	CONE, Inner Hub Bearing	2	30	103522	NUT, Wheel	20
2	658985	CUP, Inner Hub Bearing	2	31	103445	STUD, Wheel	20
3	11F-12	PLUG, Hub Filler	2	32	103076	NUT, Wheel Stud	20
4	112073	HUB ASSY (Inc. 2, 5)	2	33	112086	HOUSING, Axle	1
5	672181	CUP, Outer Hub Bearing	2	34	11F-12	PLUG, Housing Filler	1
6	672182	CONE, Outer Hub Bearing	2	35	106656	BREATHER, Axle Housing	1
7	112077	AXLE SHAFT	2	36	112078	SPINDLE	2
8	106060	HUB, Internal Gear	2	37	1C-612	BOLT, Dust Shield Mounting	12
9	106059	GEAR, Internal	2	38	4E-06	LKWSHR, Dust Shield Mounting	12
10	114433	NUT, Inner Spindle	4	39	114453	SHIELD, Brake Dust	2
11	-----	PLANET CARRIER — See Index	—	40	-----	FRONT BRAKE ASSY — See Index	—
12	116419	STUD, Planet Carrier Mounting	10	41	107256	BOLT, Brake Drum to Hub	24
13	112287	DOWEL, Planet Carrier Mounting	10	42	104412	WASHER, Brake Drum to Hub	24
14	106762	LKWSHR, Planet Carrier Mounting	10	43	112085	DRUM, Brake	2
15	64D-10	NUT, Planet Carrier Stud	10	44	109055	CATCHER, Oil	2
16	109050	GEAR, Sun	2	45	112055	SEAL, Hub Oil	2
17	114089	“O” RING, Cap to Carrier	2	46	118350	BOLT, Spindle & Brake Attaching	18
18	106455	WASHER, Sun Gear Thrust Cap	2	47	104412	LKWSHR, Spindle & Brake Attaching	18
19	945129	KIT, Sun Gear Thrust Cap (Inc. 17, 18, 20)	2	48	106998	NUT, Spindle & Brake Attaching	18
20	11F-04	PLUG, Thrust Cap	2	49	11F-12	PLUG, Housing Drain	1
21	1C-720	BOLT, Thrust Cap	12	50	106762	WASHER, Carrier to Axle Housing	14
22	112278	LKWSHR, Thrust Cap	12	51	17C-828	BOLT, Carrier to Axle Housing	3
23	106247	RING, Sun Gear Snap	2	52	17C-824	BOLT, Carrier to Axle Housing	8
24	1C-808	BOLT, Planet Puller Hole	4	53	64D-08	NUT, Carrier to Axle Housing	3
25	3E-08	LKWSHR, Planet Puller Hole	4	54	106762	WASHER, Carrier to Axle Housing	3
26	100970	BOLT, Planet Carrier to Hub	10	55	112287	DOWEL, Carrier to Axle Housing	3
27	106762	LKWSHR, Planet Carrier to Hub	10	56	550318	TEE, Brake Line	1
28	101274	LOCK, Spindle Nut	2	57	-----	DIFF. & CARRIER ASSY — See Index	—
				58	112286	STUD, Carrier to Axle Housing	3

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE



DIFFERENTIAL AND CARRIER ASSEMBLY — FRONT DRIVE

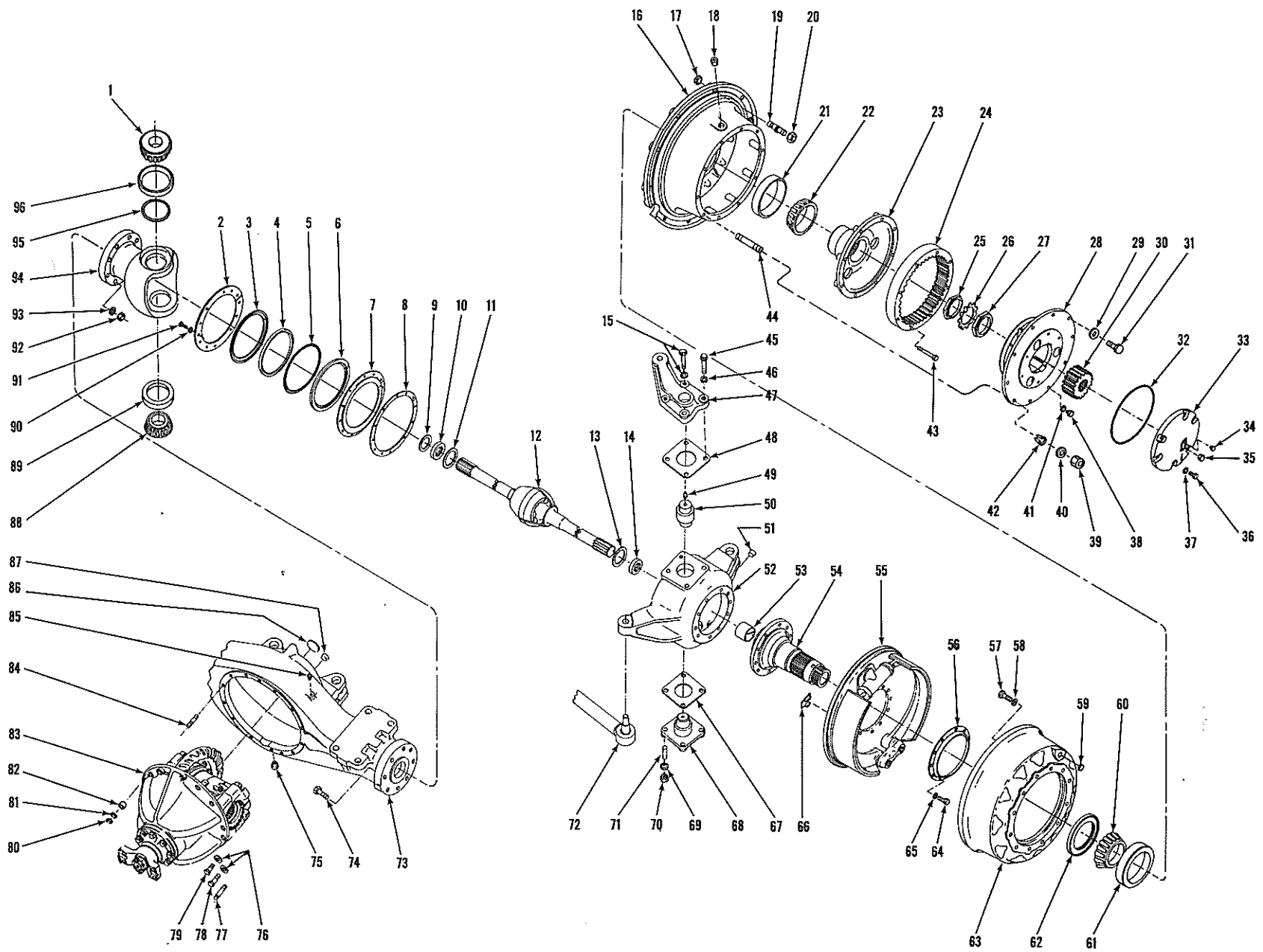
TS-6377-P

DIFFERENTIAL AND CARRIER ASSEMBLY — FRONT DRIVE

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	118508	DIFFERENTIAL & CARRIER ASSY (Inc. 1 thru 60)	1	33	-----	§CAP, Differential Carrier — See 34	—
1	100941	LOCK, Adjusting Nut	1	34	116646	CARRIER ASSY, Differential (Inc. 26, 26A, 33)	1
2	4E-06	LKWSHR, Adjusting Nut Lock	1	35	667276	CONE, Center Pinion Bearing	1
3	3C-614	BOLT, Adjusting Nut Lock	1	36	658988	CUP, Center Pinion Bearing	1
4	104168	NUT, Ring Gear Bolt	12	37	104226	SPACER, Pinion Bearing	1
5	118475	BOLT, Differential Case	8	38	101257	‡SHIM, Bearing Cage — Thin	—
6	-----	§DIFFERENTIAL CASE — Flange Half — See 62	—	38A	101258	‡SHIM, Bearing Cage — Medium	—
7	-----	§RING GEAR — See 63	—	38B	101259	‡SHIM, Bearing Cage — Thick	—
8	101196	BOLT, Ring Gear	12	39	110843	CAGE ASSY, Pinion Bearing (Inc. 36, 40)	1
9	118474	WASHER, Side Gear Thrust	1	40	667278	CUP, Outer Pinion Bearing	1
10	104167	GEAR, Differential Side Gear	1	41	667277	CONE, Outer Pinion Bearing	1
11	101244	WASHER, Differential Pinion Thrust ..	1	42	101254	GASKET, Pinion Oil Seal Retainer	1
12	815745	PINION KIT, Differential (Inc. 14, 20, 22)	1	43	4E-09	LKWSHR, Oil Seal Retainer	7
13	117022	SPIDER, Differential	1	43A	4E-08	†LKWSHR, Oil Seal Retainer	1
14	-----	§PINION, Differential — See Item 12 ..	—	44	1C-936	BOLT, Oil Seal Retainer	7
15	101244	WASHER, Differential Pinion Thrust ..	1	44A	1C-836	†BOLT, Oil Seal Retainer	1
16	104167	GEAR, Differential Side Gear	1	45	2D-06	NUT, Drum to Companion Flange	8
17	118474	WASHER, Side Gear Thrust	1	46	2E-06	LKWSHR, Drum to Companion Flange	8
18	104168	NUT, Differential Case	8	47	-----	PARKING BRAKE — See Index	—
19	-----	§DIFFERENTIAL CASE — Plain Half — See 62	—	48	107261	DRUM, Brake	1
20	-----	§PINION, Differential — See Item 12 ..	—	49	101144	BOLT, Drum to Companion Flange	8
21	101244	WASHER, Differential Pinion Thrust ..	1	50	101262	NUT, Pinion Shaft	1
22	-----	§PINION, Differential — See Item 12 ..	—	51	1F-732	COTTER, Pinion Shaft Nut	1
23	101244	WASHER, Differential Pinion Thrust ..	1	52	101263	WASHER, Pinion Shaft	1
24	667466	BEARING, Inner Pinion	1	53	112084	FLANGE, Companion	1
25	-----	§PINION — See 63	—	54	1C-920	BOLT, Brake to Oil Seal Retainer	4
26	101210	BOLT, Carrier Cap	4	55	4E-09	LKWSHR, Brake to Oil Seal Retainer	4
26A	111658	†WASHER, Carrier Cap	4	56	110897	SEAL, Pinion Shaft Oil	1
27	3C-614	BOLT, Adjusting Nut Lock	1	57	110847	RETAINER, Oil Seal	1
28	4E-06	LKWSHR, Adjusting Nut Lock	1	58	654144	CONE, Differential Bearing	1
29	100941	LOCK, Adjusting Nut	1	59	667275	CUP, Differential Bearing	1
30	101252	NUT, Differential Adjusting	1	60	101252	NUT, Differential Adjusting	1
31	667275	CUP, Differential Bearing	1	61	118512	†DIFFERENTIAL ASSY (Inc. 4 thru 23, 25)	1
32	654144	CONE, Differential Bearing	1	62	118499	†DIFFERENTIAL BODY SUB — ASSY (Inc. 5, 6, 9 thru 23)	1
				63	815170	†GEAR & PINION SET (Inc. 7, 25)	1
				64	815736	†DIFFERENTIAL CASE KIT (Inc. 5, 6, 9, 11, 15, 17 thru 19, 21, 23)	—

§Not Sold Separately
†Not Illustrated
‡As Required

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE



AXLE ASSEMBLY — REAR DRIVE STEER

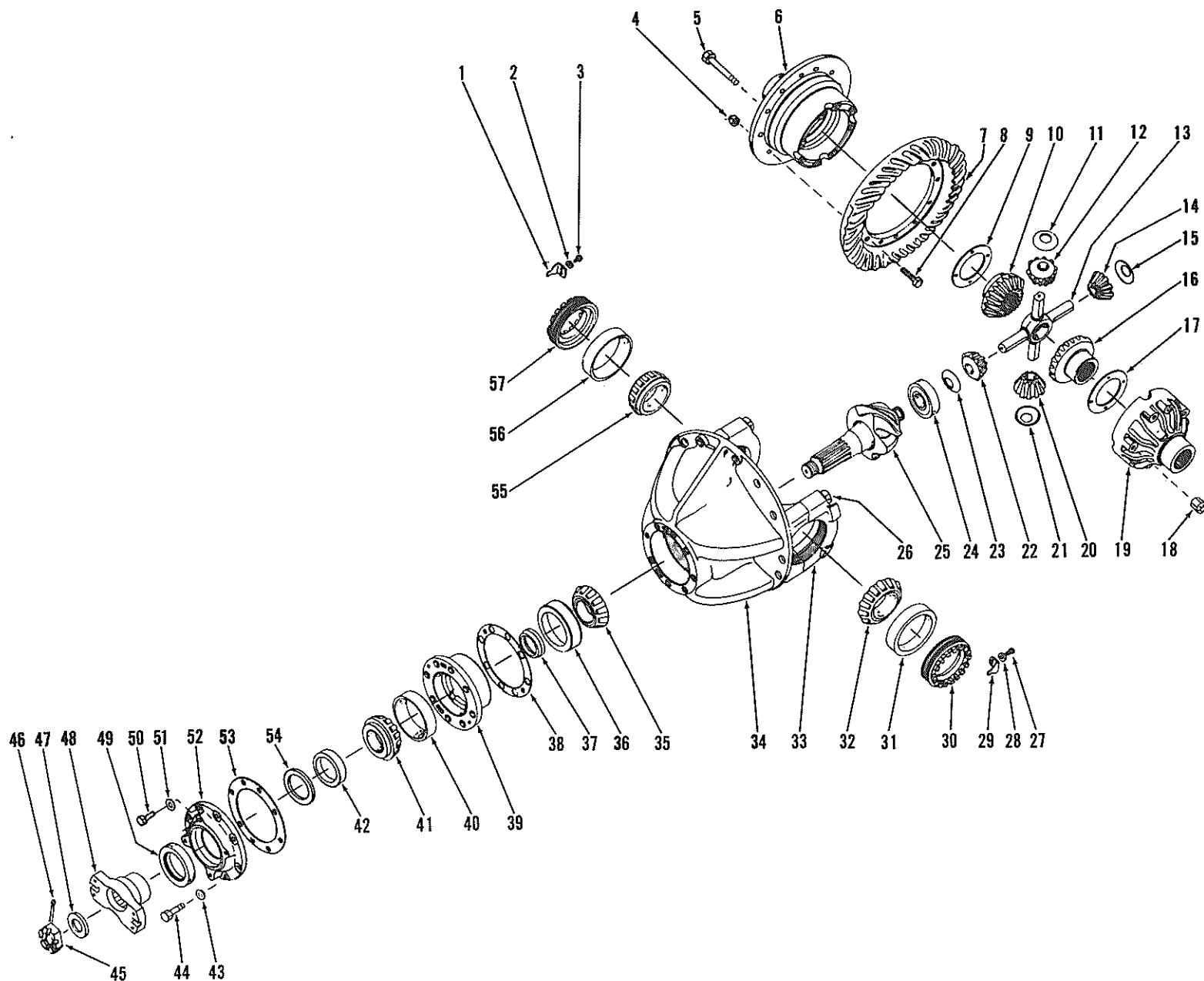
TS-6767-P

AXLE ASSEMBLY — REAR DRIVE STEER

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	131600	AXLE ASSY (Inc. 1 thru 97)	1	50	106290	TRUNNION, Upper Steering — L.H.	1
1	667277	CONE, Upper Trunnion Bearing	2	50A	109887	†TRUNNION, Upper Steering Flanged — R. H.	1
2	106287	RING, Outer End Seal Retainer	4	51	11F-12	PLUG, Spindle Support Filler	2
3	106286	RETAINER, Outer Dust Seal	2	52	111126	SUPPORT, Spindle — L.H. (Inc. 71)	1
4	106284	SEAL, Outer End Dust	2	52A	111125	†SUPPORT, Spindle — R.H. (Inc. 71)	1
5	106285	SPRING, Outer End Dust Seal	2	53	106276	BUSHING, Spindle	2
6	106283	SEAL, Outer End Oil	2	54	106744	SPINDLE ASSY (Inc. 53)	—
7	106281	RETAINER, Outer End Oil Seal	2	55	—	BRAKE ASSY — See Index	—
8	106282	GASKET, Outer End Oil Seal Retainer	2	56	106545	CATCHER, Oil	2
9	106297	WASHER, Oil Seal	2	57	107256	BOLT, Brake Drum to Hub	12
10	106296	SEAL, Universal Joint Shaft Oil	2	58	104412	WASHER, Brake Drum to Hub	12
11	106298	WASHER, Universal Joint Thrust	2	59	107608	PLUG, Button Inspection Hole	2
12	106306	SHAFT ASSY, Axle & Universal Joint	2	60	672005	CONE, Inner Hub Bearing	2
13	106298	WASHER, Universal Joint Thrust	2	61	672004	CUP, Inner Hub Bearing	2
14	106296	SEAL, Universal Joint Shaft Oil	2	62	111708	SEAL, Hub Oil	2
15	106313	BOLT, Steering Arm	2	63	107646	DRUM, Brake	2
15A	111656	WASHER, Steering Arm	2	64	106546	BOLT, Spindle & Brake Attaching	16
16	117220	HUB ASSY (Inc. 21, 61)	2	64A	111127	†BOLT, Spindle & Brake Attaching	16
17	103076	NUT, Wheel Stud	20	65	106547	WASHER, Spindle & Brake Attaching	16
18	11F-12	PLUG, Hub Filler & Drain	2	66	886886	COVER, Brake Adjusting Hole	8
19	103445	STUD, Wheel	20	67	106316	‡SHIM, Steering Arm — Thin	—
20	103522	NUT, Wheel	20	67A	106317	‡†SHIM, Steering Arm — Medium	—
21	668553	CUP, Outer Hub Bearing	2	67B	106318	‡†SHIM, Steering Arm — Thick	—
22	675261	CONE, Outer Hub Bearing	2	68	109886	TRUNNION, Lower Steering Flanged	2
23	117223	HUB, Internal Gear	2	69	4E-12	LKWSHR, Trunnion Attaching	12
24	106059	GEAR, Internal	2	70	—	OMIT (Use Bolt Item 71)	—
25	114433	NUT, Steering Spindle	2	71	17C-1228	BOLT, Trunnion Attaching	12
26	101274	LOCK, Spindle Nut	2	72	—	TIE ROD ASSY — See Index	—
27	114433	NUT, Steering Spindle	2	73	109624	HOUSING, Axle	1
28	—	PLANET SPIDER — See Index	—	74	112158	STUD, Housing to Outer End	16
29	106762	WASHER, Planet Spider to Hub	10	75	11F-12	PLUG, Housing Drain	1
30	109050	GEAR, Sun	2	76	106762	WASHER, Carrier Attaching	11
31	100970	BOLT, Planet Spider to Hub	10	77	112923	STUD, Brake Line Tee Attaching	1
32	114089	SEAL RING, Cap to Carrier	2	78	17C-828	BOLT, Carrier Attaching	2
33	117242	CAP, Sun Gear Thrust	2	79	17C-824	BOLT, Carrier Attaching	9
34	111805	VALVE, Thrust Cap Relief	2	80	64D-08	NUT, Carrier Stud	3
35	11F-04	PLUG, Thrust Cap	2	81	106762	WASHER, Carrier Stud	3
36	1C-720	BOLT, Thrust Cap	12	82	112287	DOWEL, Carrier Stud	3
37	112278	WASHER, Thrust Cap	12	83	—	DIFF. & CARRIER ASSY — See Index	—
38	1C-808	BOLT, Planet Puller Hole	4	84	112286	STUD, Carrier Attaching	2
39	64D-08	NUT, Planet Carrier Stud	10	85	106656	BREATHER, Axle Housing	1
40	106762	WASHER, Planet Carrier Stud	10	86	12F-204	PLUG, Housing Expansion	1
41	3E-08	LKWSHR, Planet Puller Hole	4	87	11F-12	PLUG, Housing Filler	1
42	112287	DOWEL, Planet Carrier to Hub	10	88	667277	CONE, Lower Trunnion Bearing	2
43	106880	BOLT, Internal Gear to Hub	16	89	675258	CUP, Lower Trunnion Bearing	2
44	116419	STUD, Planet Carrier to Hub	10	90	4E-06	LKWSHR, Outer End Retainer	24
45	106313	BOLT, Steering Arm	2	91	1C-612	BOLT, Outer End Retainer	24
46	111656	WASHER, Steering Arm	2	92	107089	NUT, Outer End to Housing	16
47	109340	ARM, Steering	1	93	111656	WASHER, Outer End to Housing	16
48	106316	‡SHIM, Steering Arm — Thin	—	94	108877	OUTER END, Housing	2
48A	106317	‡†SHIM, Steering Arm — Medium	—	95	106291	RETAINER, Upper Trunnion Oil	2
48B	106318	‡†SHIM, Steering Arm — Thick	—	96	675258	CUP, Upper Trunnion Bearing	2
49	10H-25	FITTING, Upper Trunnion Grease	2	97	.550320	†TEE, Brake Line	1

‡As Required
†Not Illustrated

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE



DIFFERENTIAL AND CARRIER ASSEMBLY — REAR DRIVE STEER

TS-5007-P

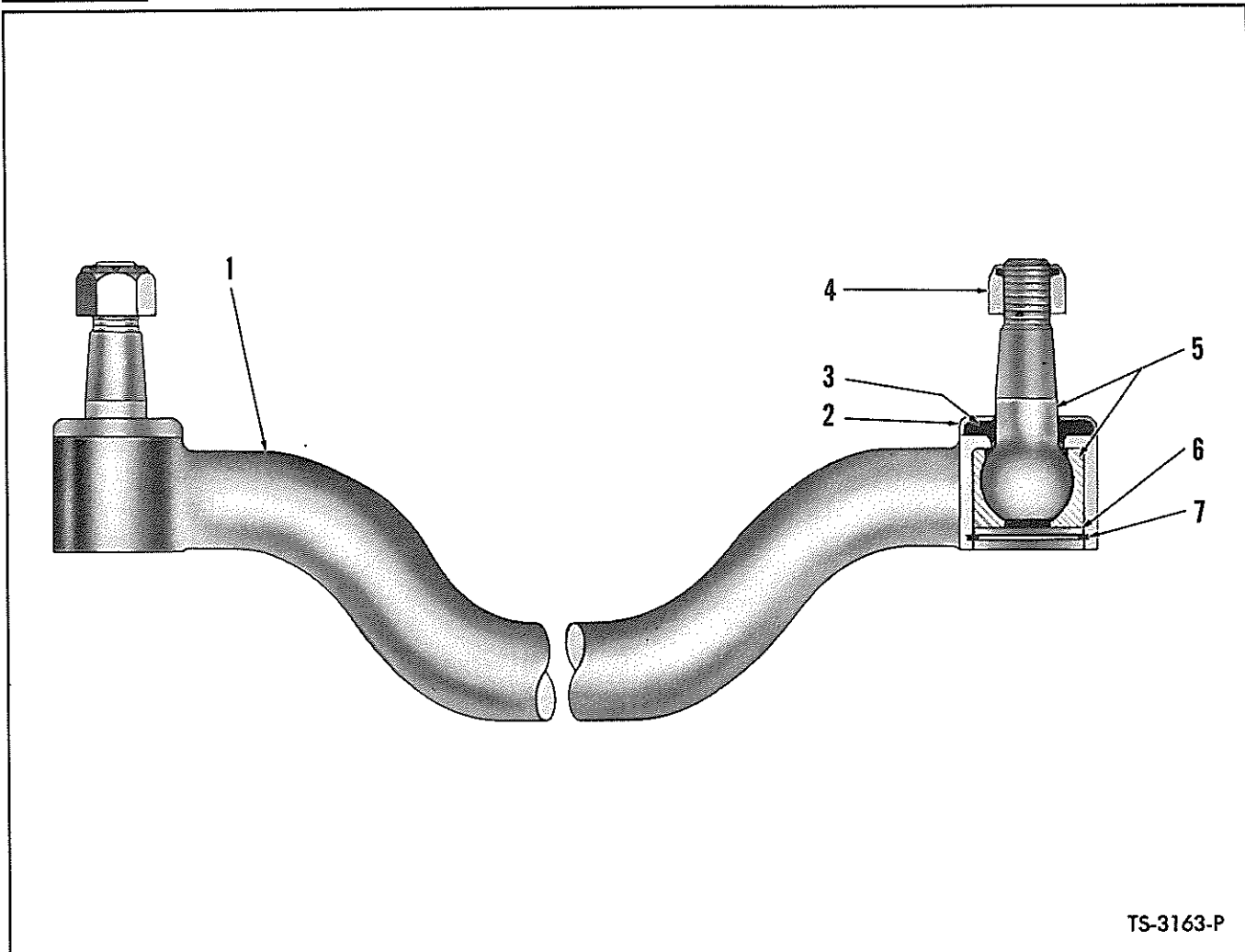


DIFFERENTIAL AND CARRIER ASSEMBLY — REAR DRIVE STEER

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	118509	DIFF. & CARRIER ASSY (Inc.1 thru 57)	1	33	-----	§CAP, Differential Carrier — See 34 ..	—
1	100941	LOCK, Differential Adjusting Nut	1	34	116646	CARRIER ASSY, Diff. (Inc. 26, 26A, 33)	1
2	4E-06	LKWSHR, Adjusting Nut Lock	1	35	667276	CONE, Center Pinion Bearing	1
3	3C-614	BOLT, Adjusting Nut Lock	1	36	658988	CUP, Center Pinion Bearing	1
4	104168	NUT, Ring Gear Bolt	12	37	104226	SPACER, Pinion Bearing	1
5	118475	BOLT, Differential Case	8	38	101257	‡SHIM, Bearing Cage — Thin	—
6	-----	§DIFF. CASE — Flange Half — See 61 ..	—	38A	101258	‡‡SHIM, Bearing Cage — Medium	—
7	-----	§RING GEAR — See 60	—	38B	101259	‡‡SHIM, Bearing Cage — Thick	—
8	101196	BOLT, Ring Gear	12	39	101250	CAGE ASSY, Pinion Bearing (Inc. 36, 40)	1
9	118474	WASHER, Side Gear Thrust	1	40	667278	CUP, Outer Pinion Bearing	1
10	104167	GEAR, Differential Side	1	41	667277	CONE, Outer Pinion Bearing	1
11	101244	WASHER, Differential Pinion Thrust ..	1	42	110897	SEAL, Pinion Oil	1
12	815745	KIT, Differential Pinion (Inc. 14, 20, 22)	1	43	4E-09	LKWSHR, Oil Seal Retainer	7
13	117022	SPIDER, Differential	1	44	1C-928	BOLT, Oil Seal Retainer	7
14	-----	PINION, Differential — See 12	—	45	101262	NUT, Pinion Shaft	1
15	101244	WASHER, Differential Pinion Thrust ..	1	46	1F-732	COTTER, Pinion Shaft Nut	1
16	104167	GEAR, Differential Side	1	47	101263	WASHER, Pinion Shaft Nut	1
17	118474	WASHER, Side Gear Thrust	1	48	117218	FLANGE, Companion	1
18	104168	NUT, Differential Case Bolt	8	49	101261	SHIELD, Companion Flange Dust	1
19	-----	§DIFF. CASE — Plain Half — See 61	—	50	1C-828	BOLT, Oil Seal Retainer	1
20	-----	Pinion, Differential — See 12	—	51	4E-08	LKWSHR, Oil Seal Retainer	1
21	101244	WASHER, Differential Pinion Thrust ..	1	52	101253	RETAINER, Pinion Oil Seal	1
22	-----	PINION, Differential — See 12	—	53	101254	GASKET, Oil Seal Retainer	1
23	101244	WASHER, Differential Pinion Thrust ..	1	54	101256	GASKET, Pinion Oil Seal	1
24	667466	BEARING, Inner Pinion	1	55	654144	CONE, Differential Bearing	1
25	-----	§PINION, Differential — See 60	—	56	667275	CUP, Differential Bearing	1
26	101210	BOLT, Differential Carrier Cap	4	57	101252	NUT, Differential Adjusting	1
26A	111658	†WASHER, Carrier Cap Bolt	4	58	118513	†DIFF. ASSY (Inc. 4 thru 23, 25)	1
27	3C-614	BOLT, Adjusting Nut Lock	1	59	118499	†DIFF. BODY SUB ASSY (Inc. 5, 6, 9 thru 23)	1
28	4E-06	WASHER, Adjusting Nut Lock	1	60	815369	†GEAR & PINION SET (Inc. 7, 25)	1
29	100941	LOCK, Differential Adjusting Nut	1	61	815736	†DIFF. CASE KIT (Inc. 5, 6, 11, 15, 18, 19, 21, 23)	1
30	101252	NUT, Differential Adjusting	1				
31	667275	CUP, Differential Bearing	1				
32	654144	CONE, Differential Bearing	1				

§Not Sold Separately
‡As Required
†Not Illustrated

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE

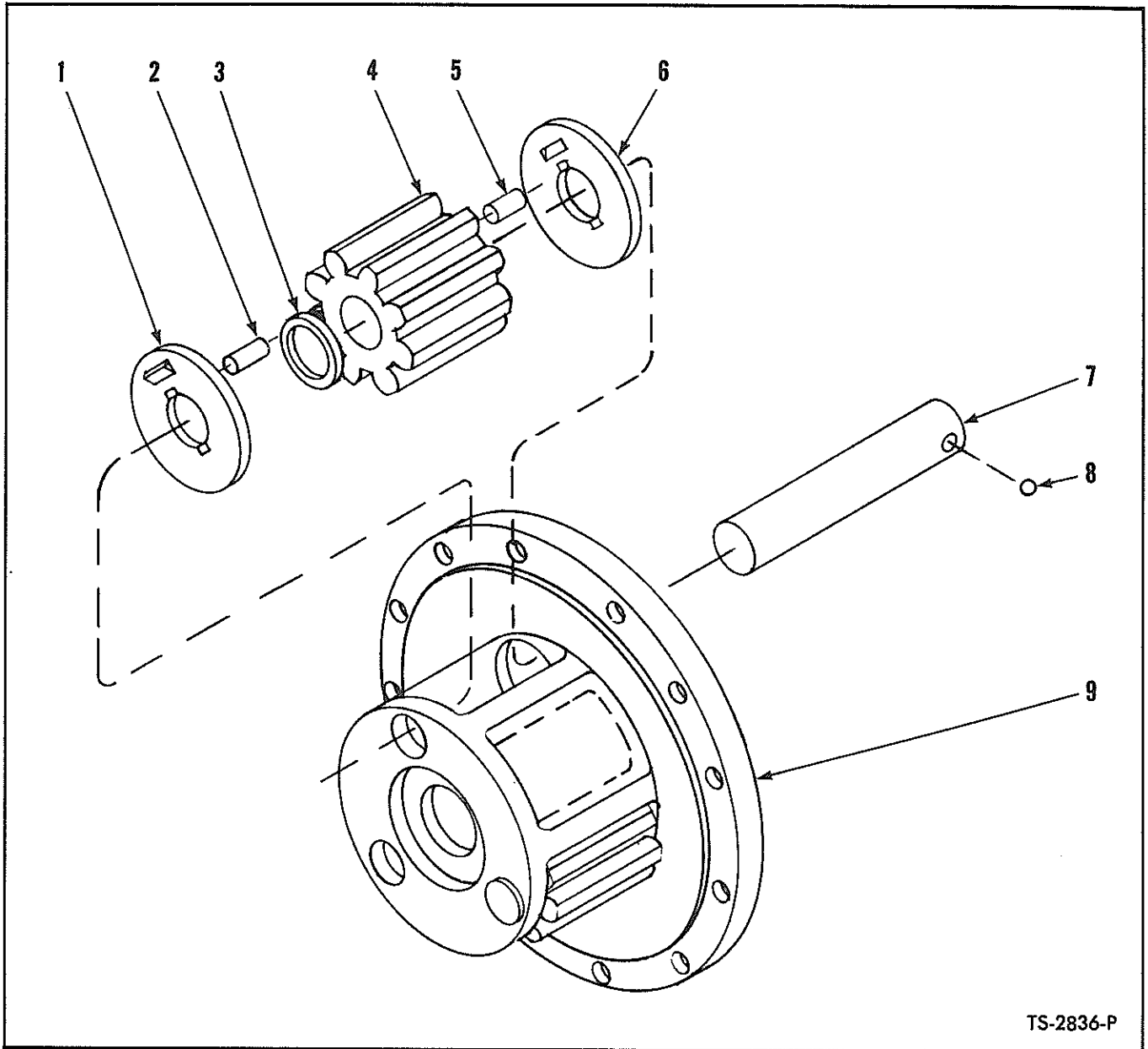


TIE ROD ASSEMBLY

Item No.	Part No.	Description	No. Req'd.
A	523467	TIE ROD ASSY (Inc. 1 thru 7)	1
1	-----	§HOUSING, Tie Rod — See A	—
2	106267	RETAINER, Felt	2
3	106266	FELT	2
4	112175	NUT, Ball Stud	2
5	523461	BALL STUD	2
6	541880	PLATE, Ball Stud Retainer	2
7	661416	SNAP RING, Retainer Plate	2

§Not Sold Separately

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE

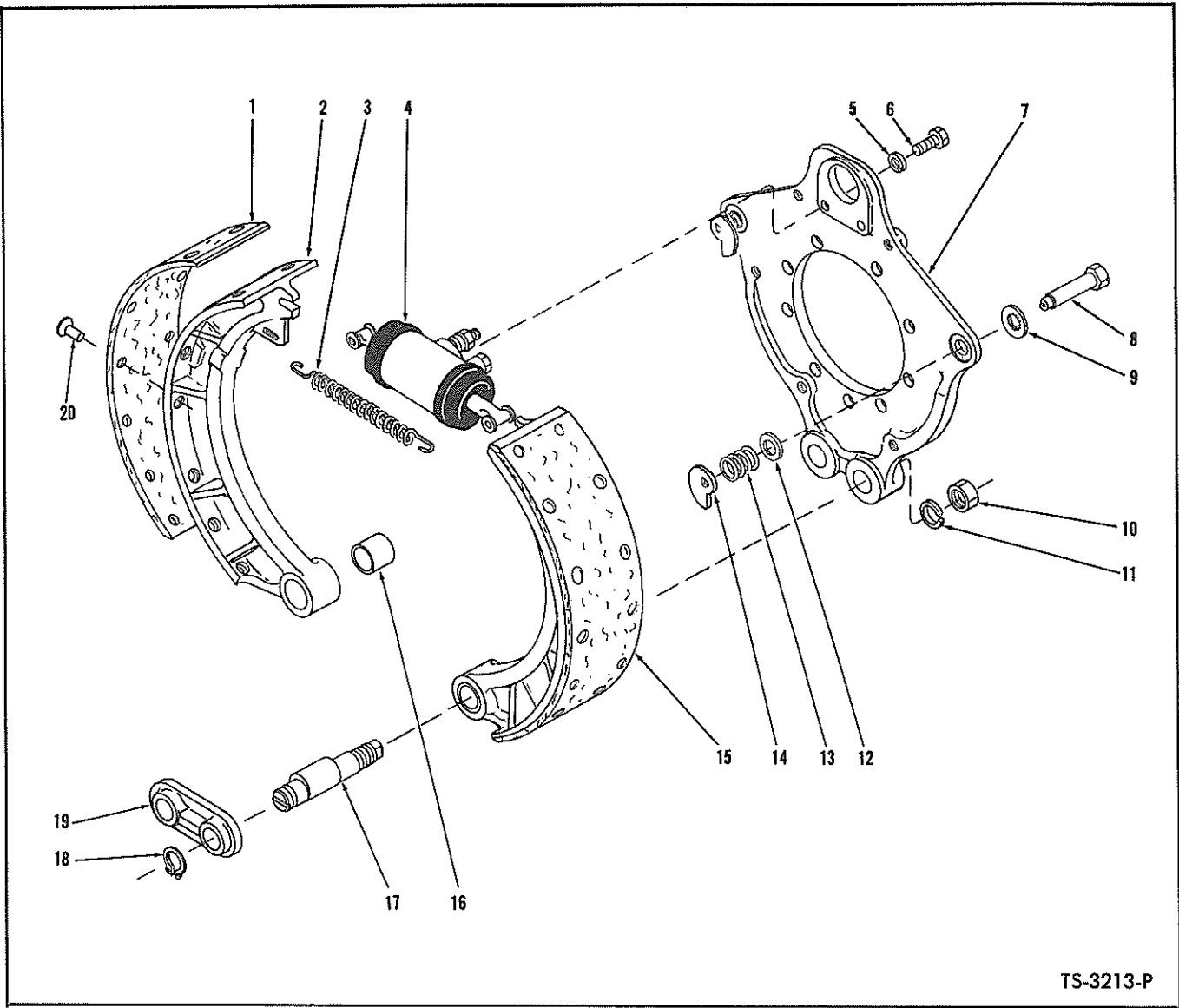


TS-2836-P

PLANET CARRIER ASSEMBLY

Item No.	Part No.	Description	No. Req'd.
A	114449	CARRIER ASSY, Planet (Inc. 1 thru 9)	4
NOTE: Four (4) Planet Carrier Assemblies used per machine. Quantities listed below are for 1 Planet Carrier.			
1	106350	WASHER, Pinion Thrust	3
2	106351	ROLLER, Pinion	87
3	106352	SPACER, Pinion Roller	3
4	109088	PINION, Planet	3
5	106351	ROLLER, Pinion	87
6	106350	WASHER, Pinion Thrust	3
7	106349	SHAFT, Pinion	3
8	10J-12	BALL, Pinion Shaft	3
9	114450	SPIDER, Planet	1

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE



TS-3213-P

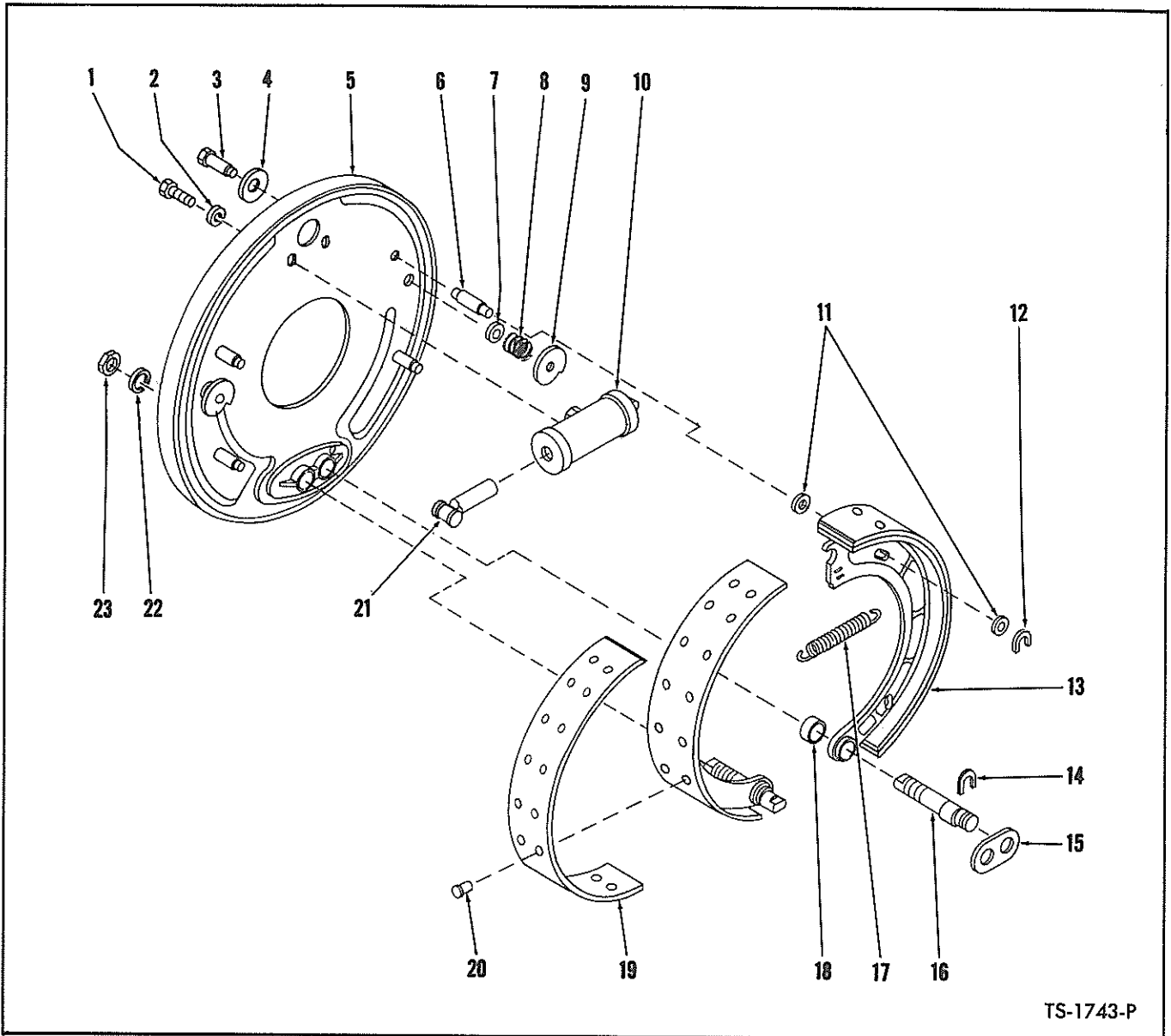
BRAKE ASSEMBLY — FRONT

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	117150	BRAKE ASSY (Inc. 1 thru 20)	2	8	114173	PIN ASSY, Brake Shoe Adjusting (Inc. 9)	2
NOTE: 2 Brake Assemblies used on axle — Quantities listed below are for 1 Brake Assembly				9	100867	WASHER, Brake Shoe Adjusting Pin	2
B		LINING KIT, Brake (Inc. 1, 20)		10	2D-14	NUT, Anchor Pin	2
C	945614	Standard	1	11	2E-14	LKWSHR, Anchor Pin Nut	2
D	945621	* 1/16" Oversize	1	12	851771	WASHER, Cam Spring	2
1	-----	§ LINING, Brake Shoe — See C & D	2	13	943859	KIT, Adjusting Cam Spring (Inc. 12) ..	2
2	-----	§ SHOE, Brake — See 15	2	14	112062	CAM, Shoe Adjusting	2
3	116949	SPRING, Brake Shoe Return	1	15	118267	SHOE ASSY, Brake (Inc. 1, 2, 16, 20)	2
4	-----	WHEEL CYLINDER — See Index	1	16	112068	BUSHING, Brake Shoe	2
5	4E-06	LKWSHR, Wheel Cyl. Mounting	2	17	112069	PIN, Brake Shoe Anchor	2
6	1C-614	BOLT, Wheel Cylinder Mounting	2	18	710776	RING, Anchor Pin Retaining	2
7	112060	SPIDER ASSY, Brake (Inc. 8, 9, 12, 13, 14)	1	19	112070	STRUT, Anchor Pin	1
				20	23H-1008	RIVET, Lining to Shoe	40

§Not Sold Separately

*NOTE: When 945621 Lining Kit is utilized Drums must be turned down to 16.370"—16.380". Do Not Exceed this Dimension.

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE



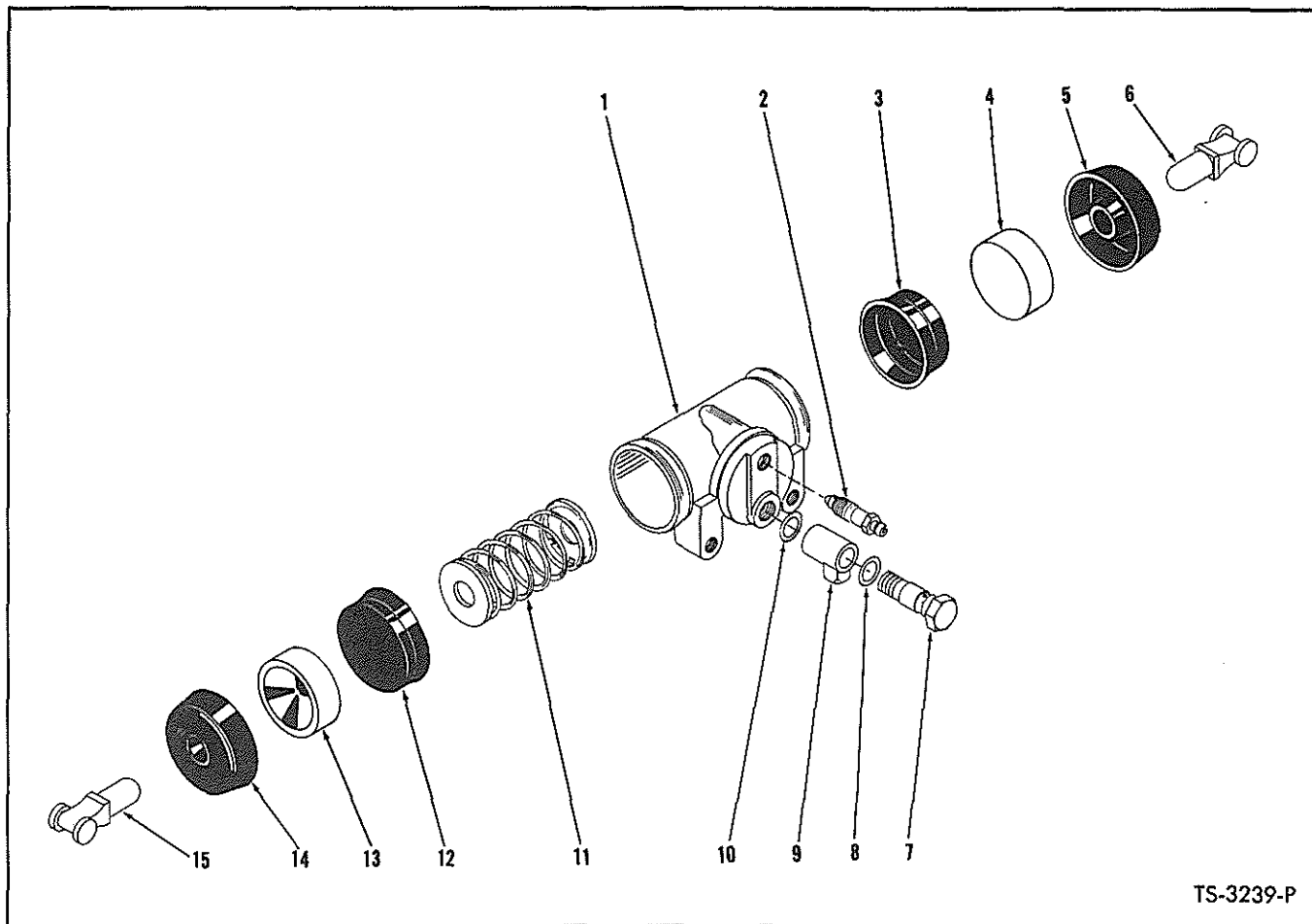
TS-1743-P

BRAKE ASSEMBLY — REAR

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	117558	BRAKE ASSY (Inc. 1 thru 23)	2	12	100878	"C" WASHER, Guide Pin	4
NOTE: 2 Brake Assemblies used on axle — Quantities listed below are for 1 Brake Assembly.				13	118254	SHOE ASSY, Brake (Inc. 18, 19, 20)	2
1	1C-610	BOLT, Cylinder to Brake Disc	2	14	101332	"C" WASHER, Anchor Pin	2
2	4E-06	LKWSHR, Cylinder to Brake Disc	2	15	106970	STRUT, Anchor Pin	1
3	114169	PIN, Cam (Inc. 4)	2	16	106969	PIN, Anchor	2
4	100867	WASHER, Cam Pin	2	17	106216	SPRING, Brake Shoe Return	1
5	106549	DISC ASSY, Brake (Inc. 3, 4, 6 thru 9)	1	18	100872	BUSHING, Brake Shoe	2
6	106373	PIN, Guide	4	19		LINING KIT, Brake (Inc. 20)	
7	851771	WASHER, Cam Spring	2	19A	944217	STANDARD	1
8	943859	KIT, Cam Spring (Inc. 7)	2	19B	945100	*1/8" Oversize	1
9	100864	CAM, Brake Shoe Adjusting	2	20	3H-1216	RIVET, Lining to Shoe	36
10		CYLINDER, Brake Wheel — See Index	—	21	958553	LINK, Wheel Cylinder Connector	2
11	102322	WASHER, Guide Pin	8	22	4E-12	LKWSHR, Anchor Pin	2
				23	2D-12	NUT, Anchor Pin	2

*NOTE: When 945100 Lining Kit is utilized, drums must be turned down to 16.370"—16.380". DO NOT EXCEED THIS DIMENSION.

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE



TS-3239-P

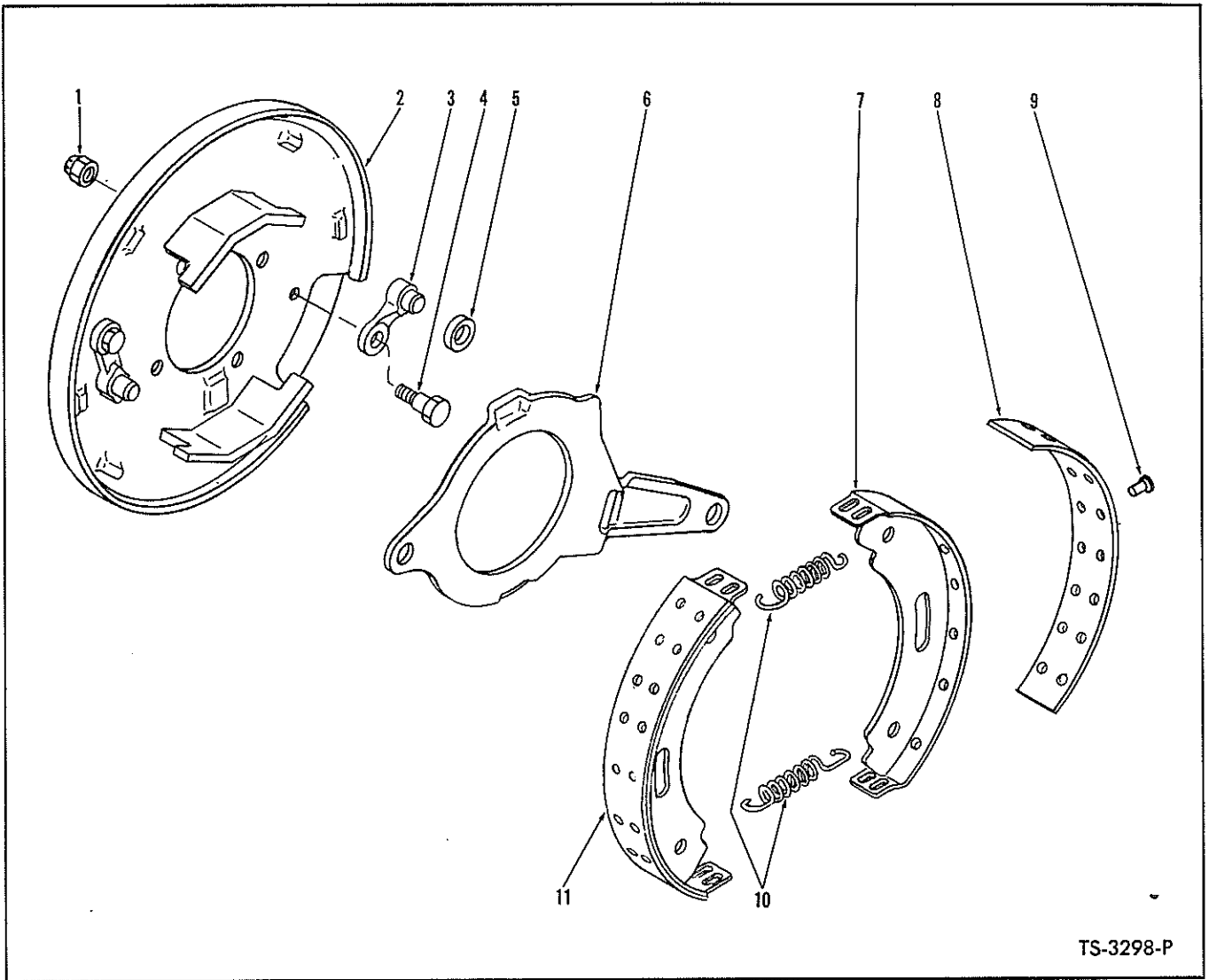
BRAKE WHEEL CYLINDER

Item No.	Part No.	Description	No. Req'd.
A		CYLINDER ASSY (Inc. 1 thru 15)	
B	112072	For Front Brake	2
C	107014	For Rear Brake	2
NOTE: 2 Wheel Cylinders used per axle. Quantities listed below are for 1 Wheel Cylinder			
D		REPAIR KIT, Cylinder (Inc. 3, 5, 12, 14)	
E	957995	For Front Cylinder	1
F	940130	For Rear Cylinder	1
1	---	§CYLINDER, Wheel — See "A"	1
2		SCREW, Bleeder	
2A	861356	For Front Cylinder	1
2B	208805	For Rear Cylinder	1
3	---	§CUP, Piston — See "D"	1
4	---	§PISTON — See "A"	1
5	---	§BOOT — See "D"	1
6	958553	LINK, Wheel Cylinder Connector	1

Item No.	Part No.	Description	No. Req'd.
7		BOLT, Fitting to Cylinder	
7A	944966	For Front Cylinder	1
7B	692722	For Rear Cylinder	1
8	620238	GASKET, Outer Fitting	1
9		FITTING, Cylinder	
9A	944967	For Front Cylinder	1
9B	620235	For Rear Cylinder	1
10	613750	GASKET, Inner Fitting	1
11		SPRING, Cylinder	
11A	956664	For Front Cylinder	1
11B	956622	For Rear Cylinder	1
12	---	§CUP, Piston — See "D"	1
13	---	§PISTON — See "A"	1
14	---	§BOOT — See "D"	1
15	958553	ROD, Push	1

§Not Sold Separately

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE



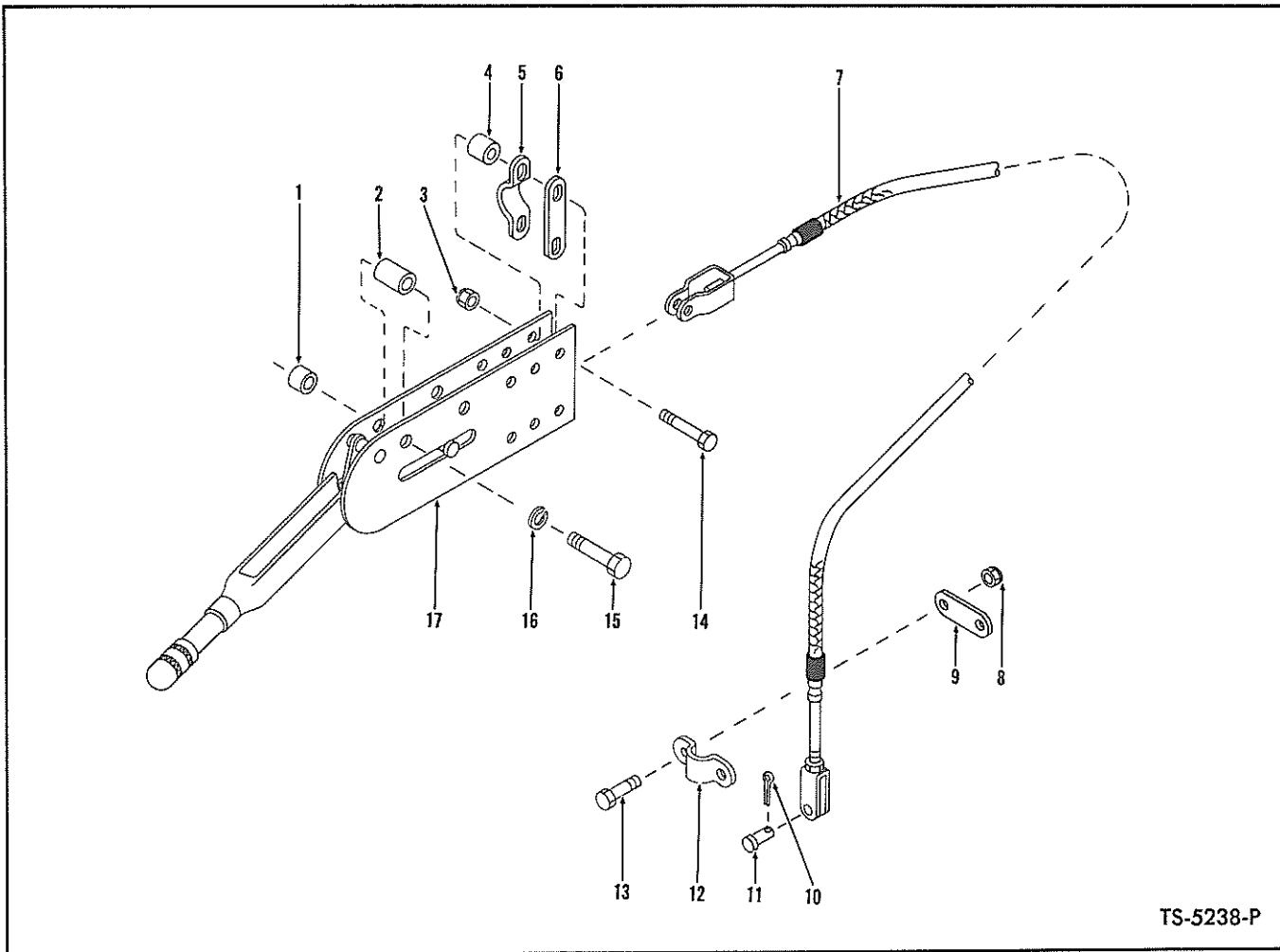
TS-3298-P

PARKING BRAKE ASSEMBLY

Item No.	Part No.	Description	No. Req'd.
A	112439	BRAKE ASSY (Inc. 1 thru 11)	1
1	-----	§NUT, Pawl to Plate — See 3	2
2	945084	PLATE, Backing	1
3	945046	BRAKE PAWL KIT (Inc. 1, 4, 5)	2
4	-----	§BOLT, Pawl to Plate — See 3	2
5	220968	ROLLER, Brake Actuating	1
6	220965	LEVER, Cam Operating	1
7	-----	§SHOE, Brake — See 11	2
8	942405	LINING KIT, Brake Shoe (Inc. 9)	2
9	945051	RIVET, Lining to Shoe	28
10	220969	SPRING, Shoe Return	2
11	872712	SHOE ASSY, Brake (Inc. 7, 8, 9)	2

§Not Sold Separately

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE

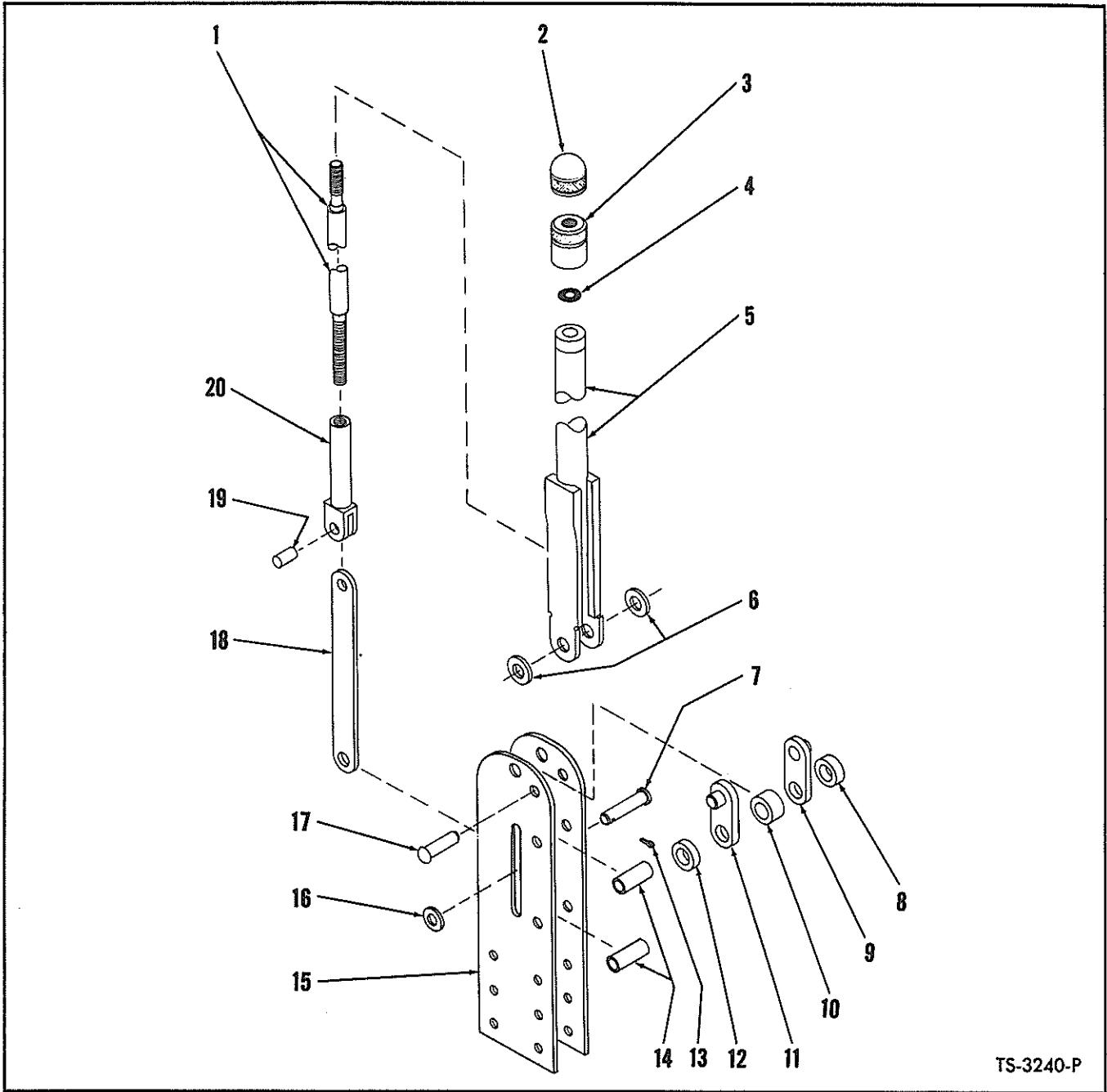


TS-5238-P

PARKING BRAKE CONTROLS

Item No.	Part No.	Description	No. Req'd.
1	545006	SPACER, Lever Mounting	2
2	545005	SPACER, Lever Mounting	2
3	18D-05	NUT, Cable Mounting	2
4	545006	SPACER, Cable Clamp	2
5	544512	CLAMP, Cable Mounting	1
6	645092	LINK, Cable Mounting	1
7	556693	CABLE, Parking Brake	1
8	18D-06	NUT, Clamp Attaching	2
9	645092	LINK, Cable Mounting	1
10	1F-312	COTTER, Clevis Pin	1
11	4F-06106	PIN, Cable Clevis Attaching	1
12	544512	CLAMP, Cable Mounting	1
13	18C-618	BOLT, Clamp Attaching	2
14	18C-528	BOLT, Cable Mounting	2
15	17C-636	BOLT, Lever Mounting	2
16	4E-06	LKWSHR, Lever Mounting	2
17	-----	LEVER ASSY, Brake Hand — See Index	—

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE

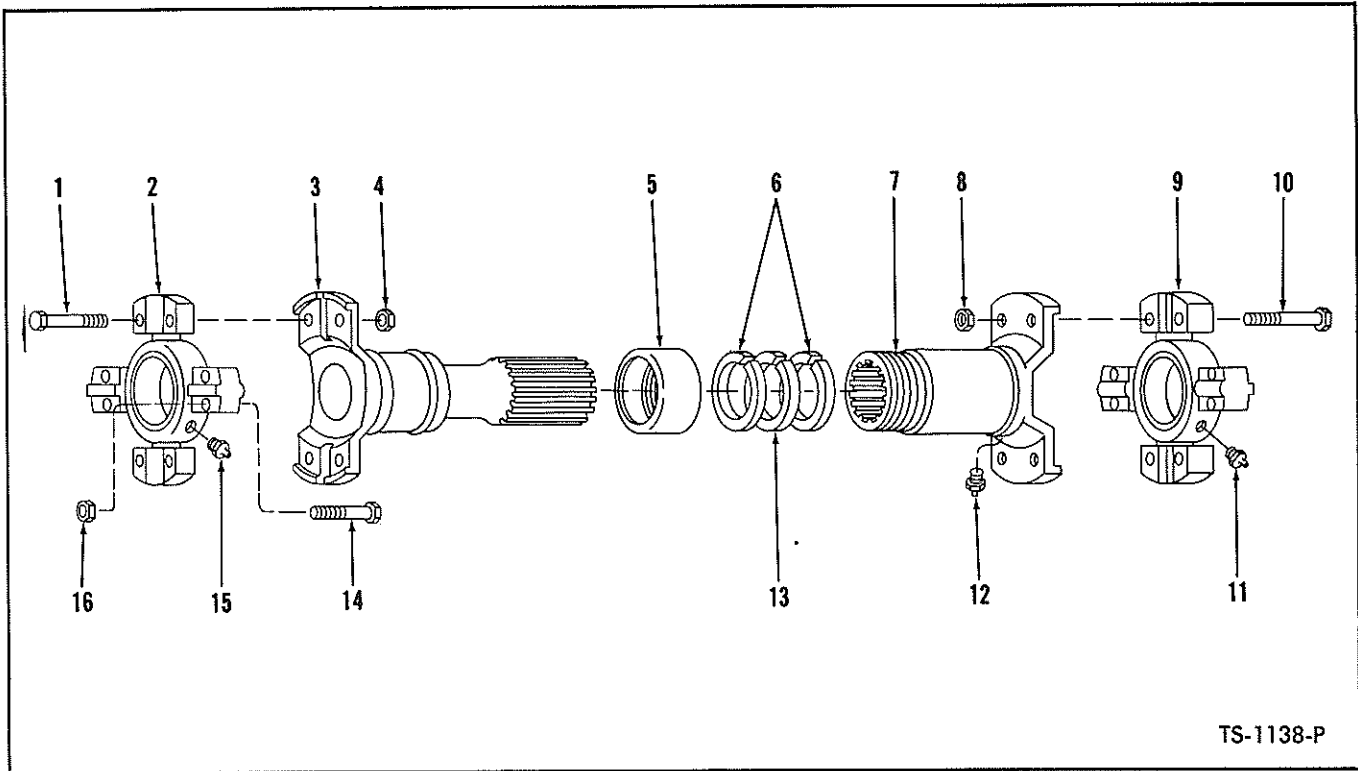


TS-3240-P

PARKING BRAKE LEVER ASSEMBLY

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	544998	LEVER ASSY (Inc. 1 thru 20)	1	11	862653	BRACKET, Pivot	1
1	866349	SCREW, Adjusting	1	12	862656	SPACER, Pivot Bracket	1
2	941227	CAP, Adjusting Knob	1	13	1F-312	COTTER, Link Pivot Pin	1
3	941226	BASE, Adjusting Knob	1	14	645095	SPACER, Mounting Bracket	2
4	946163	WASHER, Base to Body	1	15	944969	BRACKET, Lever Mounting	2
5	866348	BODY, Brake Lever	1	16	619019	WASHER, Link Pivot Pin	1
6	619024	WASHER, Body to Bracket	2	17	944054	RIVET, Pivot Bracket	1
7	862738	PIN, Adjusting Screw Link Pivot	1	18	862652	LINK, Adjusting Screw	1
8	862656	SPACER, Pivot Bracket	1	19	941238	PIN, Link to Tube	1
9	862653	BRACKET, Pivot	1	20	944968	TUBE, Adjusting Screw	1
10	862655	SPACER, Pivot Bracket	1				

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE



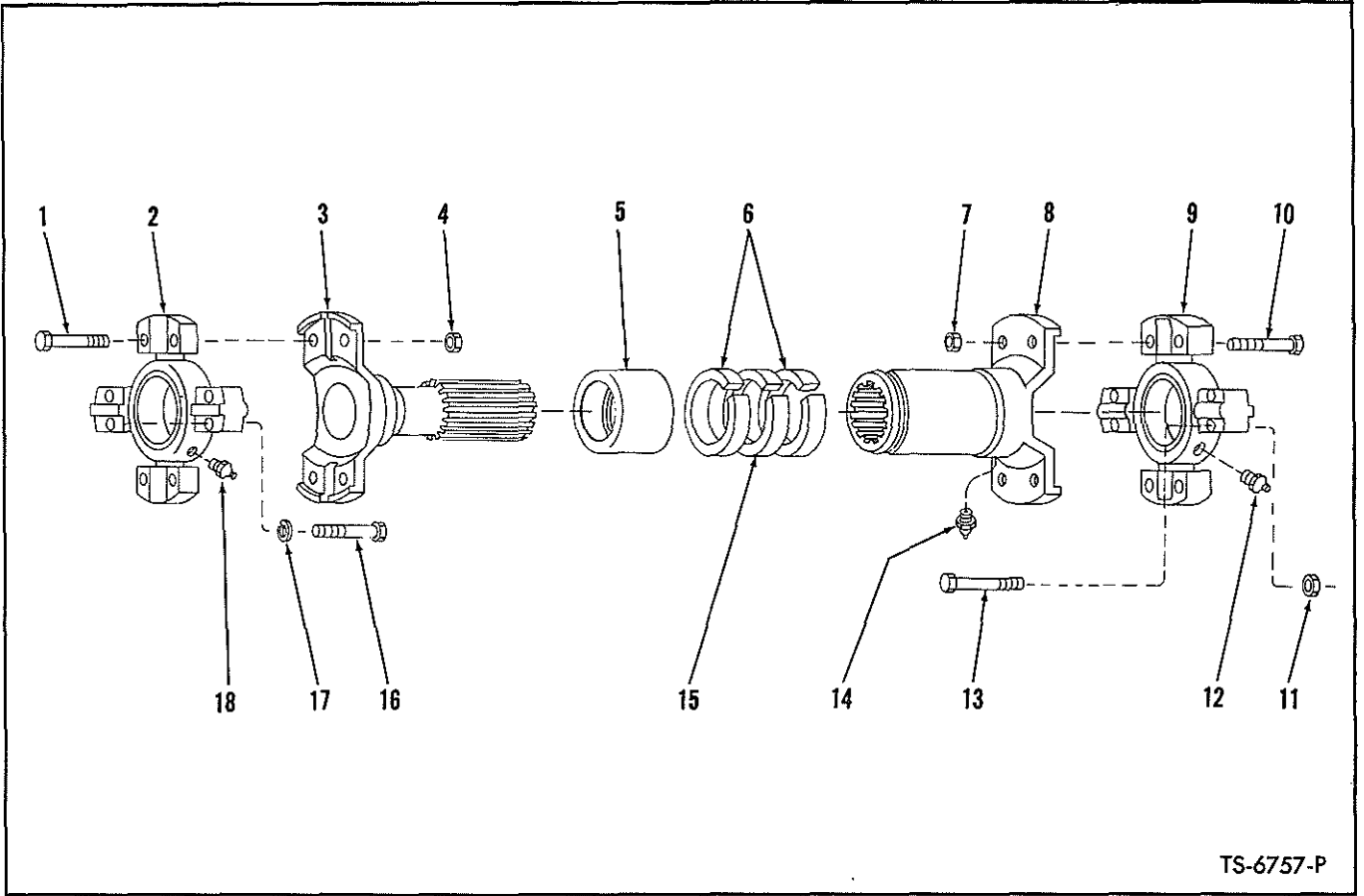
TS-1138-P

PROPELLER SHAFT ASSEMBLIES

Item No.	Description	Converter to Transmission	Transmission to Rear Axle	No. Req'd
A	PROPELLER SHAFT ASSY (Inc. 1 thru 16)	589891	562694	1
1	BOLT, Spider & Bearing to Tube	945256	940089	4
2	SPIDER & BEARING ASSY (Inc. 2A, 15)	944866	944862	1
2A	†SEAL, Spider & Bearing Grease	944863	944861	4
3	TUBE	946111	946109	1
4	NUT, Spider & Bearing to Tube	8D-05	8D-06	4
5	RETAINER, Felt	940654	940090	1
6	WASHER, Felt Retainer	940653	OMIT	2
7	SLIP YOKE (Inc. 12)	942658	946110	1
8	NUT, Spider & Bearing to Slip Yoke	8D-05	8D-06	4
9	SPIDER & BEARING ASSY (Inc. 9A, 11)	944866	944862	1
9A	†SEAL, Spider & Bearing Grease	944863	944861	4
10	BOLT, Spider & Bearing to Slip Yoke	945256	940089	4
11	FITTING, Spider & Bearing Grease	10H-35	10H-35	1
12	FITTING, Slip Yoke Grease	10H-25	10H-25	1
13	WASHER, Felt	940081	940092	1
14	BOLT, Spider & Bearing Attaching	945256	940089	8
15	FITTING, Spider & Bearing Grease	10H-35	10H-35	1
16	NUT, Spider & Bearing Attaching	18D-05	8D-06	8

†Not illustrated

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE



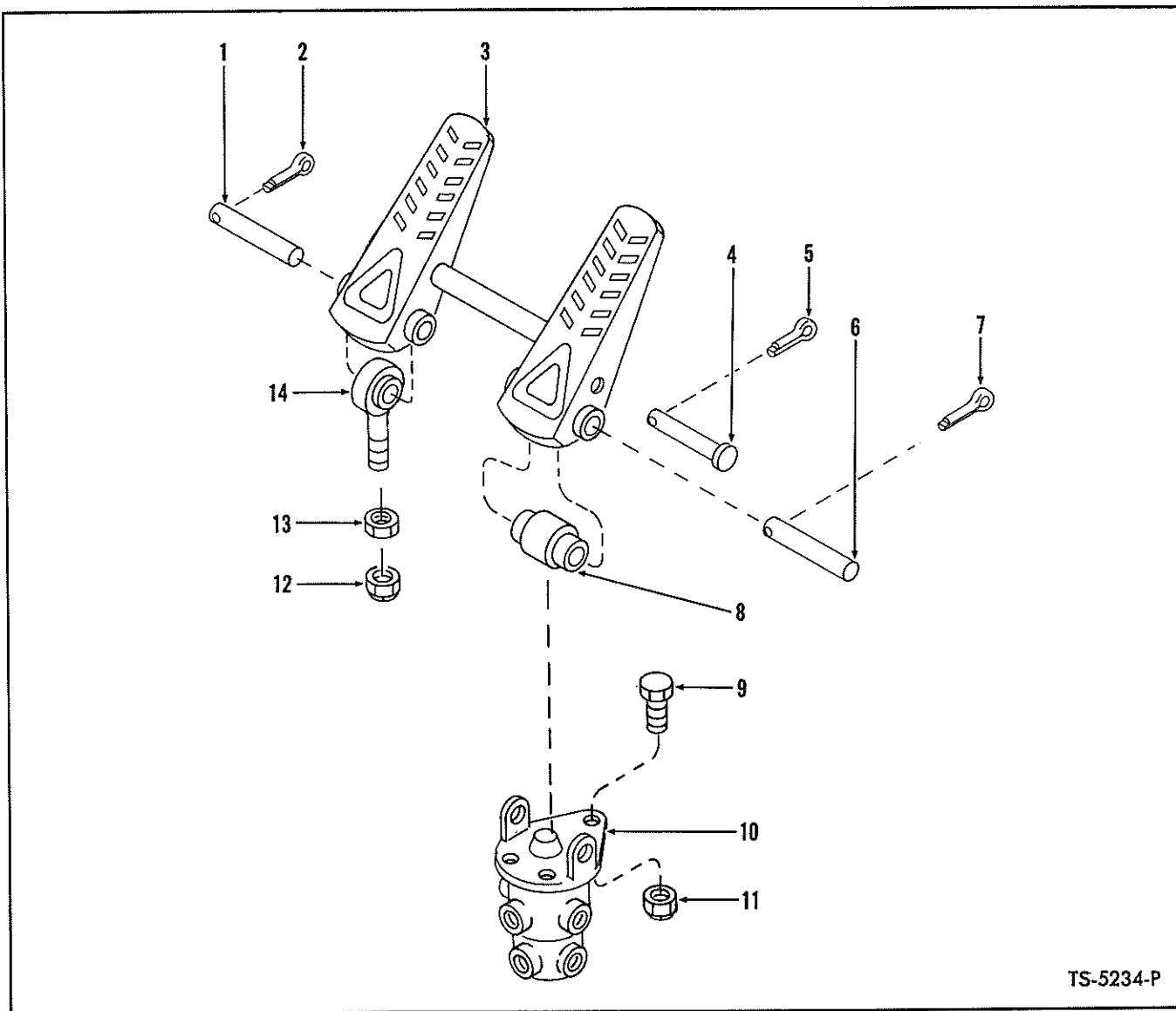
TS-6757-P

PROPELLER SHAFT ASSEMBLY
Transmission to Front Axle

Item No.	Part No.	Description	No. Req'd.
A	525659	PROPELLER SHAFT ASSY (Inc. 1 thru 16, 18)	1
1	940089	BOLT, Spider & Bearing to Tube	4
2	944862	SPIDER & BEARING ASSY (Inc. 2A, 18)	1
2A	944861	†SEAL, Spider & Bearing Grease	4
3	944111	TUBE ASSY	1
4	8D-06	NUT, Spider & Bearing to Tube	4
5	940090	RETAINER, Felt	1
6	940091	WASHER, Felt Retainer	2
7	8D-06	NUT, Spider & Bearing to Slip Yoke	4
8	940093	SLIP YOKE (Inc. 14)	1
9	944862	SPIDER & BEARING ASSY (Inc. 9A, 12)	1
9A	944861	†SEAL, Spider & Bearing Grease	4
10	940089	BOLT, Spider & Bearing to Slip Yoke	4
11	8D-06	NUT, Spider & Bearing Attaching	4
12	10H-35	FITTING, Spider & Bearing Grease	1
13	940089	BOLT, Spider & Bearing Attaching	4
14	10H-25	FITTING, Slip Yoke Grease	1
15	940092	WASHER, Felt	1
16	940089	BOLT, Spider & Bearing Attaching	4
17	4E-05	LKWSHR, Spider & Bearing Attaching	4
18	10H-35	FITTING, Spider & Bearing Grease	1

†Not Illustrated

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE



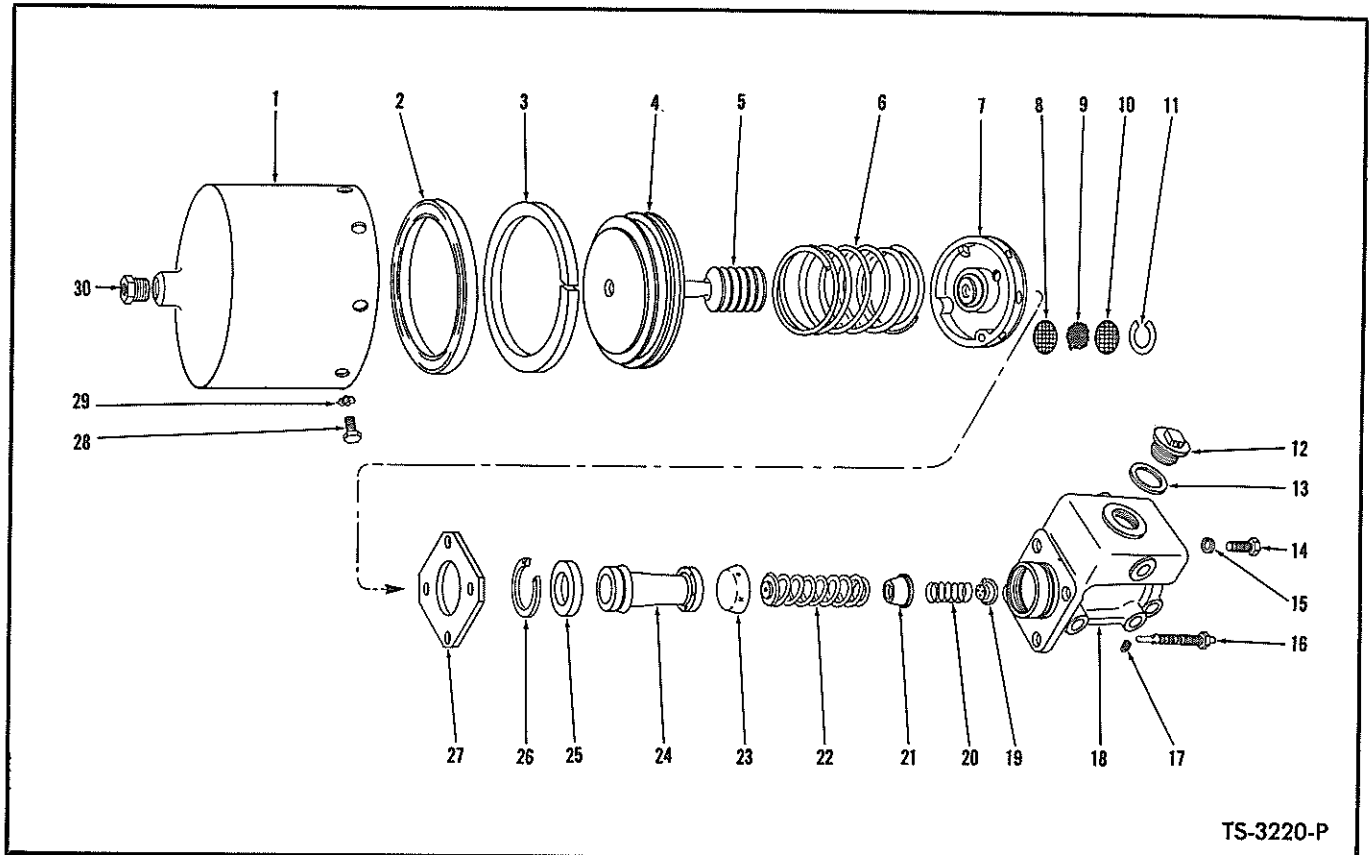
TS-5234-P

BRAKE VALVE AND CONTROLS

Item No.	Part No.	Description	No. Req'd.
1	875767	PIN, Pedal to Eye	1
2	1F-320	COTTER, Pedal Pin	1
3	589912	PEDAL, Air Brake	1
4	875766	PIN, Pedal to Roller	1
5	1F-312	COTTER, Pedal Pin	1
6	875767	PIN, Pedal to Valve	1
7	1F-320	COTTER, Pedal Pin	1
8	518259	ROLLER, Pedal	1
9	18C-516	BOLT, Valve to Cockpit	3
10	556562	*VALVE, Air Brake - B.W. #277472	1
11	18D-05	NUT, Valve to Cockpit	3
12	66D-06	NUT, Eye Mounting	1
13	8D-06	NUT, Eye Jam	1
14	562444	EYE, Pedal	1

*NOTE: Your local authorized Bendix-Westinghouse Distributor is equipped to service and supply this part.

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE



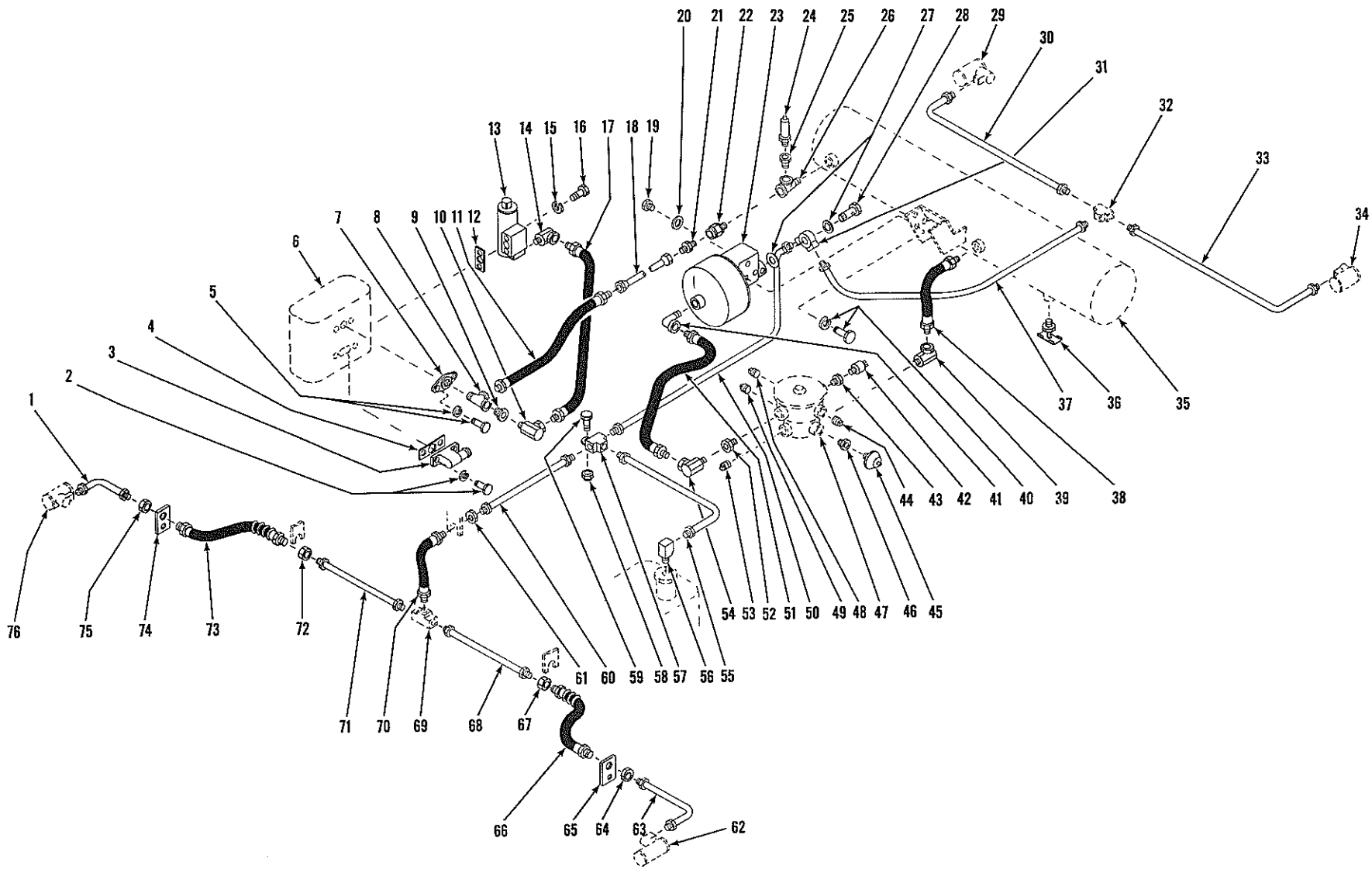
TS-3220-P

POWER CLUSTER ASSEMBLY

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	526879	POWER CLUSTER ASSY (Inc. 1 thru 30)	1	17	10F-02	PLUG, Master Cylinder	1
1	945034	SHELL, Air Cylinder	1	18	945039	CASTING, Master Cylinder	1
2	—	§CUP, Piston—See 31	1	19	—	§VALVE, Check—See 31	1
3	—	§WIPER, Piston—See 31	1	20	945026	SPRING, Check Valve	1
4	945035	PISTON, Air Cylinder	1	21	945042	RETAINER, Check Valve Spring	1
5	—	§BOOT, Piston Rod—See 31	1	22	955321	SPRING, Piston Return	1
6	945036	SPRING, Piston Return	1	23	—	§CUP, Primary—See 31	1
7	945037	HEAD ASSY, Air Cylinder (Inc. 8 thru 11)	1	24	—	§PISTON ASSY, Master Cyl.—See 31	—
8	945029	SCREEN, Filtering	1	25	955326	PLATE, Piston Stop	1
9	945044	HAIR, Filtering	1	26	955323	RING, Stop Plate Retaining	1
10	945029	SCREEN, Filtering	1	27	945040	PLATE, Master Cyl. Mounting	1
11	945043	RING, Filter Retaining	1	28	1C-510	BOLT, Shell to Head	8
12	858305	CAP, Master Cylinder Filler	1	29	6E-05	LKWSHR, Shell to Head	8
13	857933	GASKET, Filler Cap	1	30	356612	BUSHING, Shell Reducing	1
14	1C-624	BOLT, Master Cyl. to Air Cylinder	3	31	945041	REPAIR KIT (Inc. 2, 3, 5, 13, 19, 23, 24)	1
15	4E-06	LKWSHR, Master Cyl. to Air Cylinder	4	32	18C-720	†BOLT, Power Cluster Attaching	3
16	945038	INDICATOR, Stroke	1	33	4E-07	†LKWSHR, Power Cluster Attaching	3

§Not Sold Separately
†Not Illustrated

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE



[52]

BRAKE AIR LINES

TS-6569-P

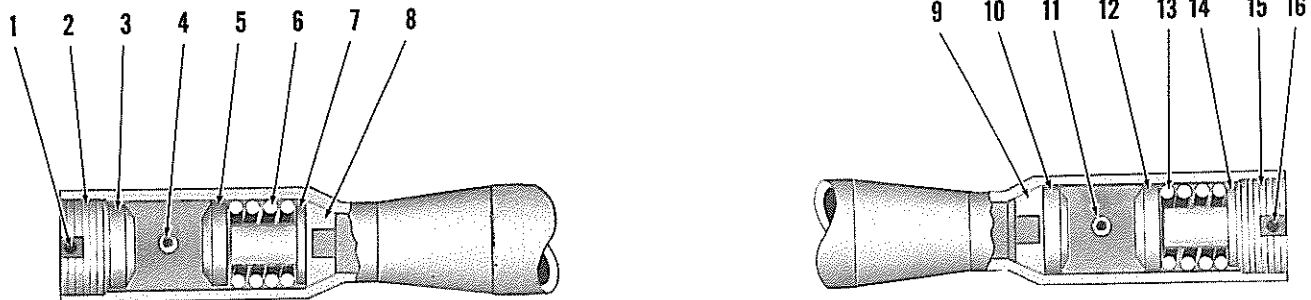
BRAKE AIR LINES

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	550334	LINE, Hose to Wheel Cylinder — L. H. Rear Axle	1	40	18C-720	BOLT, Power Cluster Mounting	3
2	17C-514	BOLT, Elbow to Compressor	2	40A	4E-07	LKWSHR, Power Cluster Mounting	3
2A	4E-05	LKWSHR, Elbow to Compressor	2	41	26F-3	ELBOW, Hose to Power Cluster	1
3	540664	ELBOW, Compressor Air Inlet	1	42	636260	SWITCH, Air Pressure	1
4	875012	GASKET, Elbow to Compressor	1	43	356616	BUSHING, Switch Reducing	1
5	17C-516	BOLT, Flange to Compressor	2	44	13F-08	PLUG, Brake Valve	1
5A	4E-05	LKWSHR, Flange to Compressor	2	45	940643	SENDER UNIT, Air Pressure (Inc. 45A, 45B)	1
6	————	AIR COMPRESSOR — See Engine Parts Manual	—	45A	14D-10	NUT, Sender Unit	1
7	510452	FLANGE, Discharge (B.W. #213042)	1	45B	12E-10	LKWSHR, Sender Unit	1
8	17F-4	TEE, Connecting	1	46	19F-1	BUSHING, Sender Unit Reducing	1
9	19F-4	BUSHING, Reducing	1	47	————	BRAKE VALVE — See Index	—
10	31F-1	ADAPTER UNION, Hose to Tee	1	48	13F-08	PLUG, Brake Valve	1
11	523786	HOSE, Tube to Tee	1	49	13F-04	PLUG, Brake Valve	1
12	942646	*GASKET, Governor (B.W. #236577) ..	1	50	589427	TUBE, Power Cluster to Connecting Tee	1
13	540306	*GOVERNOR, (B.W. #275200)	1	51	592784	HOSE, Power Cluster to Valve	1
14	31F-1	ADAPTER UNION, Hose to Governor ..	1	52	19F-6	BUSHING, Valve Reducing	1
15	4E-05	LKWSHR, Governor to Compressor,	2	53	13F-08	PLUG, Brake Valve	1
16	17C-548	BOLT, Governor to Compressor	2	54	31F-3	ADAPTER UNION, Hose to Valve	1
17	545528	HOSE, Governor to Connecting Tee	1	55	589428	TUBE, Tee to Declutch Valve	1
18	563978	TUBE, Compressor to Air Reservoir	1	56	62F-3	ELBOW, Tube to Valve	1
19	874007	PLUG, Master Cylinder	2	57	609733	TEE, Connecting	1
20	613750	GASKET, Master Cylinder Plug	2	58	18D-07	NUT, Tee to Frame	1
21	38F-10	CONNECTOR, Tube	1	59	18C-724	BOLT, Tee to Frame	1
22	593370	VALVE, Check	1	60	589426	TUBE, Tee to Frame Clip	1
23	————	POWER CLUSTER ASSY — See Index ..	—	61	8D-10	NUT, Hose Jam	1
24	507815	*VALVE, Safety (B.W. #205105)	1	62	————	CYLINDER, Wheel — See Index	—
25	19F-5	BUSHING, Tee Reducing	1	63	550334	LINE, Hose to Wheel Cylinder — R.H. Rear Axle	1
26	17F-4	TEE, Connecting	1	64	8D-10	NUT, Hose Jam	1
27	620238	GASKET, Fitting to Master Cylinder	1	65	550325	CLIP, Hose — Mounted on Axle Cradle ..	1
27A	613750	GASKET, Bolt to Fitting	1	66	552350	HOSE, Line to Line	1
28	692722	BOLT, Fitting to Master Cylinder	1	67	8D-10	NUT, Hose Jam	1
29	————	CYLINDER, Wheel — See Index	—	68	563786	LINE, Tee to Hose	1
30	535049	LINE, Tee to Wheel Cylinder — L. H. Front Axle	1	69	550320	TEE, Brake Line — Furnished with Axle	1
31	633242	FITTING, Connecting	1	70	533814	HOSE, Tube to Tee	1
32	609733	TEE, Brake Line — Furnished with Axle ..	1	71	563787	LINE, Tee to Hose	1
33	535050	LINE, Tee to Wheel Cylinder — R.H. Front Axle	1	72	8D-10	NUT, Hose Jam	1
34	————	CYLINDER, Wheel — See Index	—	73	552350	HOSE, Line to Line	1
35	————	§AIR RESERVOIR — Welded to Frame ..	—	74	550325	CLIP, Hose — Mounted on Axle Cradle	1
36	72F-4	DRAINCOCK — Air Reservoir	1	75	8D-10	NUT, Hose Jam	1
37	589429	TUBE, Power Cluster to Front Axle	1	76	————	CYLINDER, Wheel — See Index	—
38	574439	HOSE, Brake Valve to Air Reservoir	1				
39	31F-4	ADAPTER UNION, Hose to Valve	1				

§Not Sold Separately

*NOTE: Your local authorized Bendix-Westinghouse Distributor is equipped to service and supply these parts.

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE

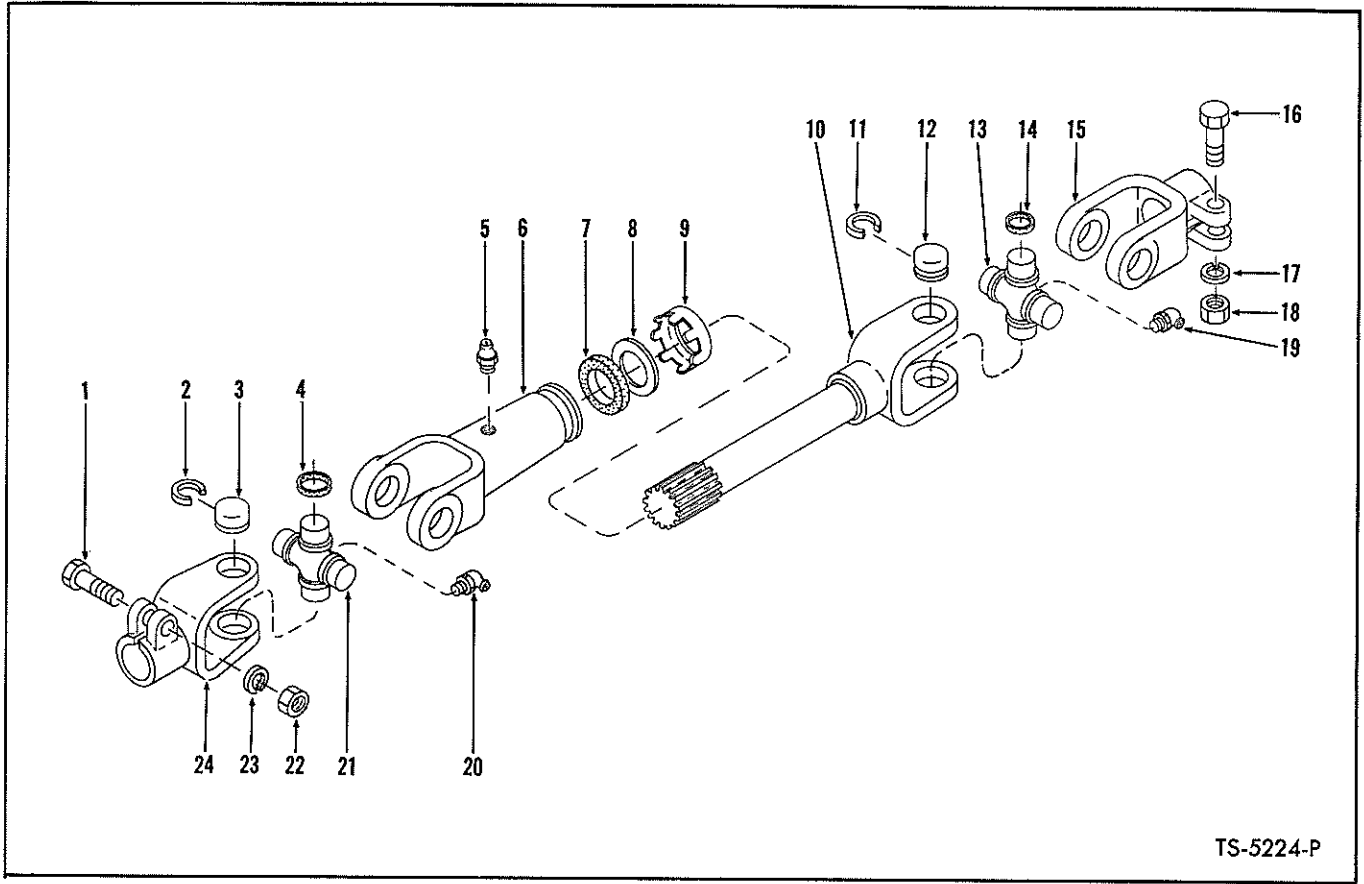


TS-1259-P

DRAG LINK

Item No.	Part No.	Description	No. Req'd.
A	564121	DRAG LINK ASSY (Inc. 2, 3, 5 thru 10, 12 thru 15)	1
1	1F-432	COTTER	1
2	876575	NUT, Adjusting	1
3	865965	SEAT, Ball Stud	1
4	10H-25	FITTING, Grease	1
5	865965	SEAT, Ball Stud	1
6	865961	SPRING	1
7	662691	SEAT, Spring	1
8	865963	SEAT	1
9	865963	SEAT	1
10	865965	SEAT, Ball Stud	1
11	10H-25	FITTING, Grease	1
12	865965	SEAT, Ball Stud	1
13	865961	SPRING	1
14	662691	SEAT, Spring	1
15	876575	NUT, Adjusting	1
16	1F-432	COTTER	1

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE



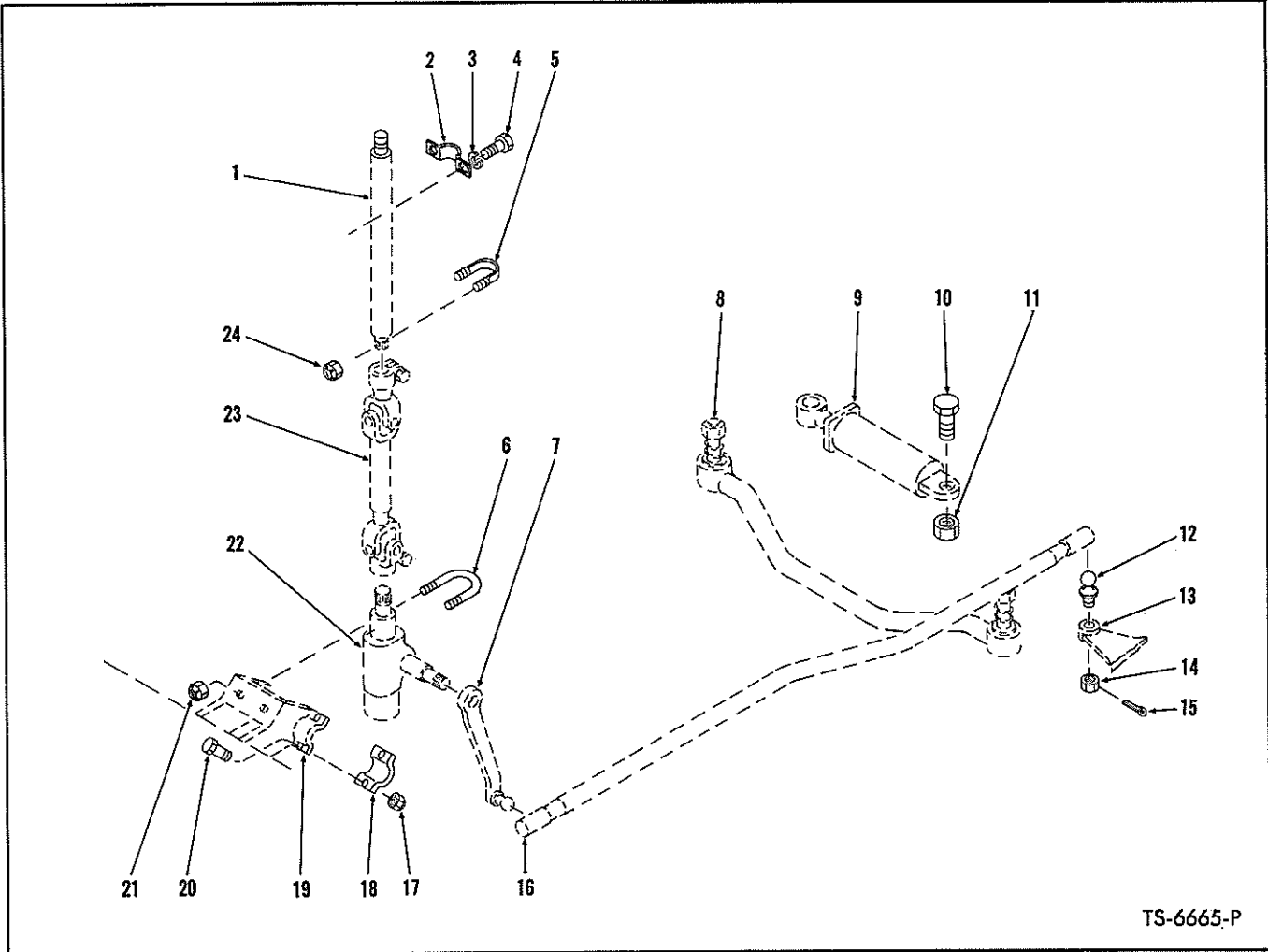
TS-5224-P

STEERING SLIP SHAFT ASSEMBLY

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	562144	SHAFT ASSY, Slip (Inc. 1 thru 24)	1	13	946020	SPIDER & BEARING ASSY (Inc. 11, 12, 14, 19)	1
B	946023	KIT, Dust Cap (Inc. 7, 8, 9)	1	14	868215	WASHER, Bearing Assy	4
1	18C-628	BOLT, Clamp Yoke Mounting	1	15	946021	CLAMP YOKE	1
2	868214	RING, Bearing Assy Retaining	4	16	18C-628	BOLT, Clamp Yoke Mounting	1
3	-----	§BUSHING, Bearing Assy Cap — See Item 21	—	17	4E-06	LKWSHR, Clamp Yoke Mounting	1
4	868215	WASHER, Bearing Assy	4	18	8D-06	NUT, Clamp Yoke Mounting	1
5	10H-35	FITTING, Slip Yoke Grease	1	19	15H-15	FITTING, Bearing Assy Grease	1
6	946102	YOKE, Slip (Inc. 5)	1	20	15H-15	FITTING, Bearing Assy Grease	1
7	-----	§WASHER, Dust Cap — See Item "B" ..	—	21	946020	SPIDER & BEARING ASSY (Inc. 2, 3, 4, 20)	1
8	-----	§WASHER, Dust Cap — See Item "B" ..	—	22	8D-06	NUT, Clamp Yoke Mounting	1
9	-----	§CAP, Dust — See Item "B"	—	23	4E-06	LKWSHR, Clamp Yoke Mounting	1
10	946103	YOKE & SHAFT ASSY	1	24	946021	CLAMP YOKE	1
11	868214	RING, Bearing Assy Retaining	4				
12	-----	§BUSHING, Bearing Assy Cap — See Item 13	—				

§Not Sold Separately

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE



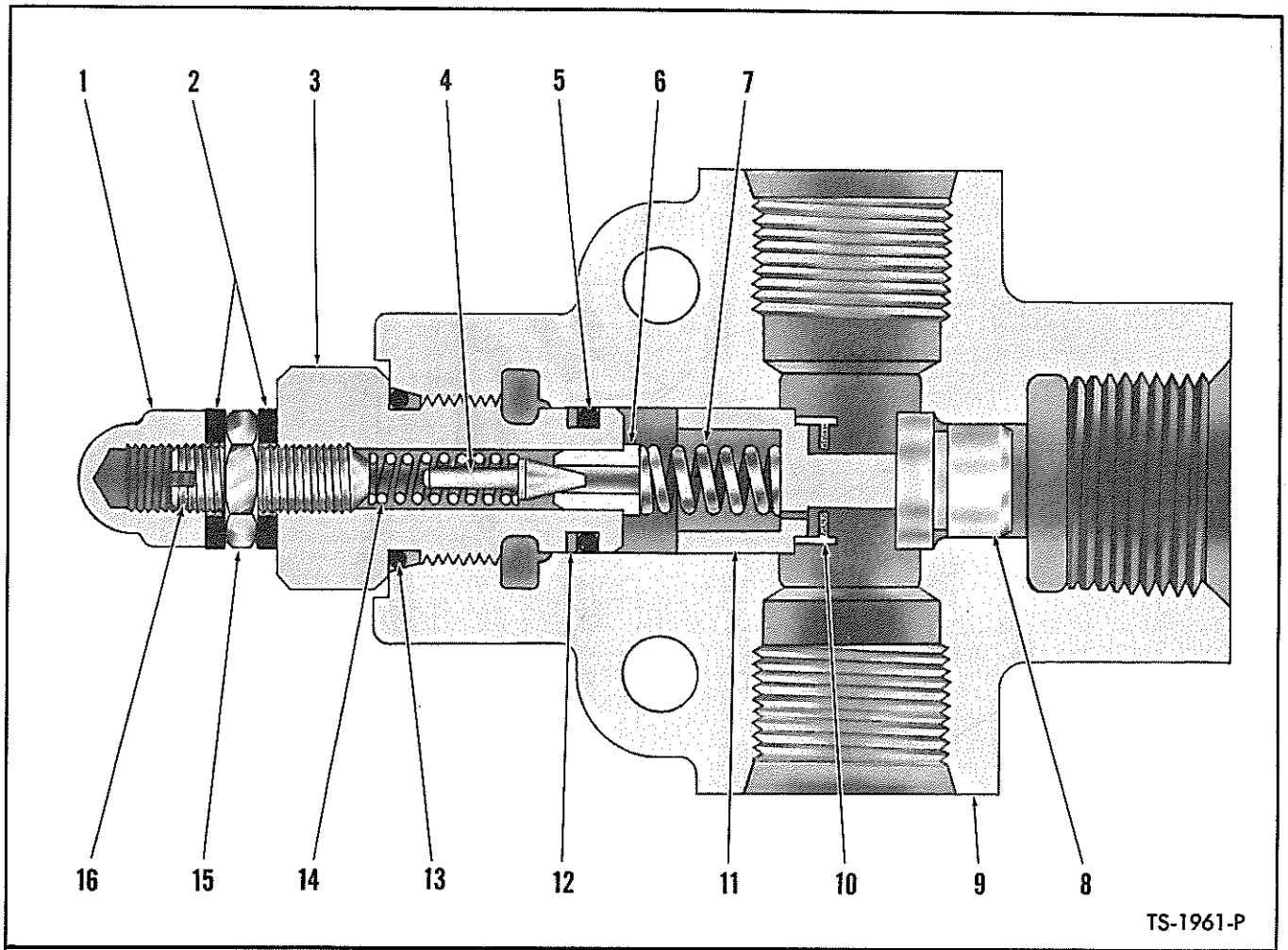
TS-6665-P

STEERING LINKAGE GROUP

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	—	STEERING COLUMN — See Index	—	13	—	§BRACKET, Rear Axle	—
2	562443	CLAMP, Steering Column Mounting	1	14	4D-10	NUT, Drag Link Mounting	1
3	4E-06	LKWSHR, Steering Column to Cockpit	2	15	1F-332	COTTER, Ball Stud Nut	1
4	18C-612	BOLT, Steering Column to Cockpit	2	16	—	DRAG LINK — See Index	—
5	557997	U-BOLT, Steering Column Mounting	1	17	18D-08	NUT, Gear to Frame Bracket	2
6	545941	U-BOLT, Steering Gear Mounting	1	18	550044	CLAMP, Steering Gear Mounting	1
7	—	PITMAN ARM — See Index	—	19	—	§BRACKET, Frame Cross Member	—
8	—	TIE ROD — See Index	—	20	18C-836	BOLT, Gear to Frame Bracket	2
9	—	STEERING CYLINDER — See Index	—	21	18D-08	NUT, Gear to Frame Bracket	2
10	18C-1252	BOLT, Cylinder Anchor	4	22	—	STEERING GEAR — See Index	—
11	18D-12	NUT, Cylinder Anchor	4	23	—	SLIP SHAFT, Steering — See Index	—
12	513122	BALL STUD, Drag Link Mounting	1	24	18D-04	NUT, Steering Column to Cockpit	2

§Not Sold Separately

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE



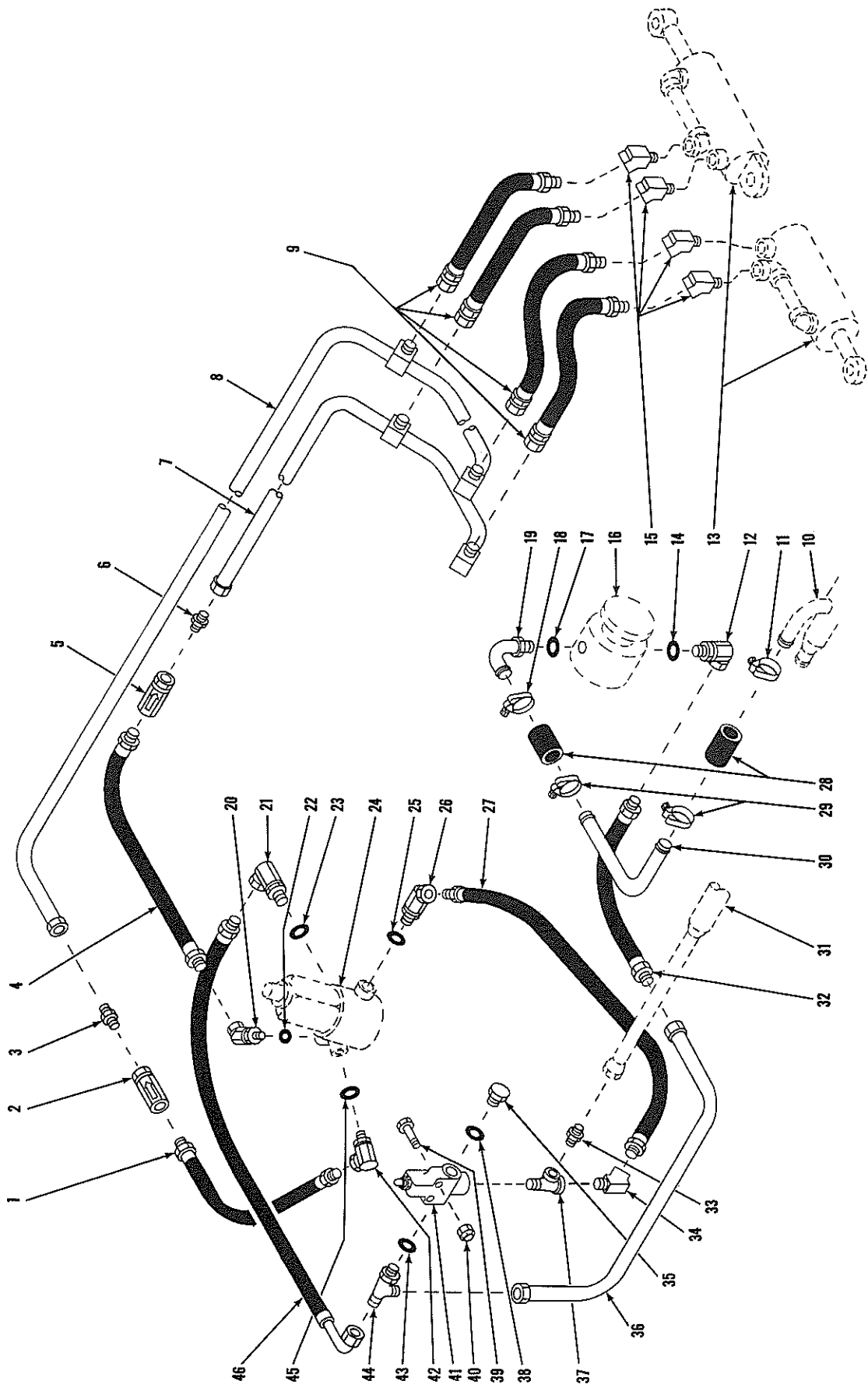
PRESSURE RELIEF VALVE — STEERING SYSTEM

Item No.	Part No.	Description	No. Req'd.
A	536539	VALVE ASSY (Inc. 1 thru 17) (Parker #VPR3-P-4F)	1
1	47D-05	NUT, Acorn	1
2	663792	WASHER, Stat-O-Seal	2
3	944467	CAP, Valve	1
4	883734	PLUNGER, Pilot	1
5	25K-20018	"O" RING	1
6	944469	SEAT, Pilot	1
7	944646	SPRING, Relief	1
8	944645	SEAT, Poppet	1
9	—	§BODY, Valve — See Item "A"	1
10	—	§SCREEN, Poppet — See Item 11	1
11	944643	POPPET ASSY (Inc. 10)	1
12	944468	RING, Back-Up	1
13	91F-6	"O" RING	1
14	944471	SPRING, Pilot	1
15	8D-05	NUT, Jam	1
16	33G-514	SCREW, Adjusting	1
17	799584	†PLUG	2

§Not Sold Separately
†Not Illustrated

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE

TS-6760-P



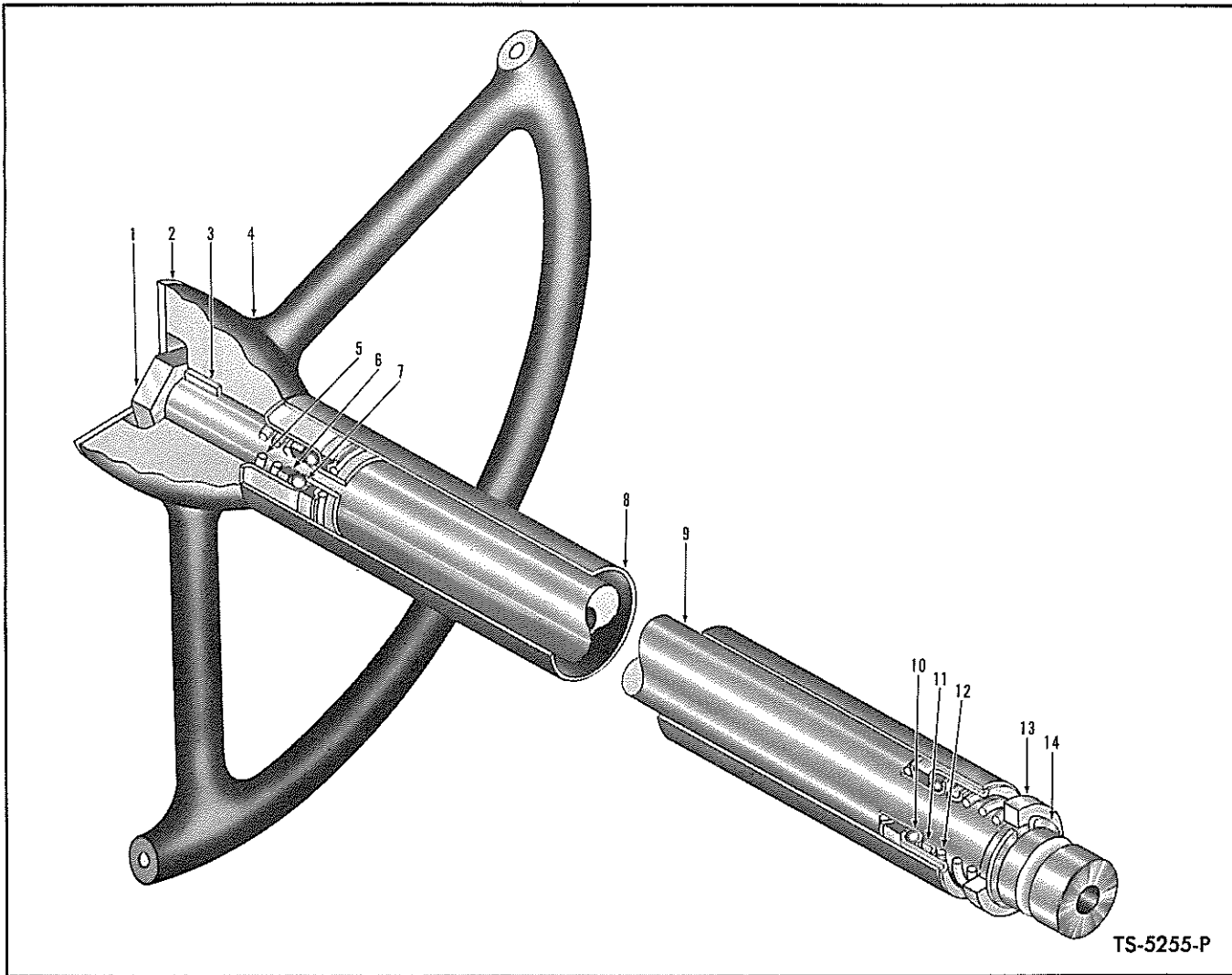
HYDRAULIC SYSTEM — STEERING

HYDRAULIC SYSTEM — STEERING

Item No.	Part No.	Description	No. Req'd.
1	784398	HOSE, Check Valve to Gear	1
2	572731	VALVE, Check	1
3	89F-7	CONNECTOR, Check Valve to Tube	1
4	784398	HOSE, Check Valve to Tube	1
5	572731	VALVE, Check	
6	89F-7	CONNECTOR, Check Valve to Tube	1
7	589487	TUBE ASSY, Gear to Cylinder — Right Turn	1
8	589488	TUBE ASSY, Gear to Cylinder — Left Turn	1
9	1520061	HOSE, Tube to Cylinder	4
10	-----	TUBE ASSY, Suction — See Index	—
11	540127	CLAMP, Hose	1
12	526676	ADAPTER UNION, Hose to Pump (Inc. 14)	1
13	-----	STEERING CYLINDER — See Index	—
14	91F-8	"O" RING, Adapter Union	1
15	81F-3	ELBOW, Hose to Steering Cylinder	4
16	-----	STEERING PUMP — See Index	—
17	91F-11	"O" RING, Elbow	1
18	540127	CLAMP, Hose	1
19	564087	ELBOW ASSY, Suction — Hose to Pump (Inc. 17)	1
20	535625	ADAPTER UNION, Hose to Gear (Inc. 22)	1
21	519275	ADAPTER UNION, Hose to Gear (Inc. 23)	1
22	91F-6	"O" RING, Adapter Union	1
23	91F-7	"O" RING, Adapter Union	1
24	-----	STEERING GEAR — See Index	1
25	91F-7	"O" RING, Adapter Union	1
26	534894	ADAPTER UNION, Hose to Gear	1
27	542813	HOSE, Relief Valve to Gear	1
28	536749	HOSE, Stem to Tube	2
29	540127	CLAMP, Hose	2
30	589574	TUBE, Suction	1
31	-----	TUBE ASSY, Return — See Bucket & Boom Hydraulic System	—
32	564107	HOSE, Pump to Tube	1
33	656532	CONNECTOR, Tube	1
34	81F-4	ELBOW, Hose to Tee	1
35	24K-7	PLUG, Relief Valve (Inc. 38)	1
36	558570	TUBE ASSY, Pump to Valve	1
37	17F-5	TEE, Relief Valve	1
38	91F-7	"O" RING, Plug	1
39	18C-540	BOLT, Relief Valve Mounting	2
40	18D-05	NUT, Relief Valve Mounting	2
40A	619019	†WASHER, Relief Valve Mounting	2
41	-----	VALVE, Pressure Relief — See Index	—
42	517089	ADAPTER UNION, Hose to Gear (Inc. 45)	1
43	91F-7	"O" RING, Tube Fitting Tee	1
44	21K-7	TEE, Tube Fitting (Inc. 43)	1
45	91F-6	"O" RING, Adapter Union	1
46	568785	HOSE, Gear to Relief Valve	1

†Not Illustrated

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE



TS-5255-P

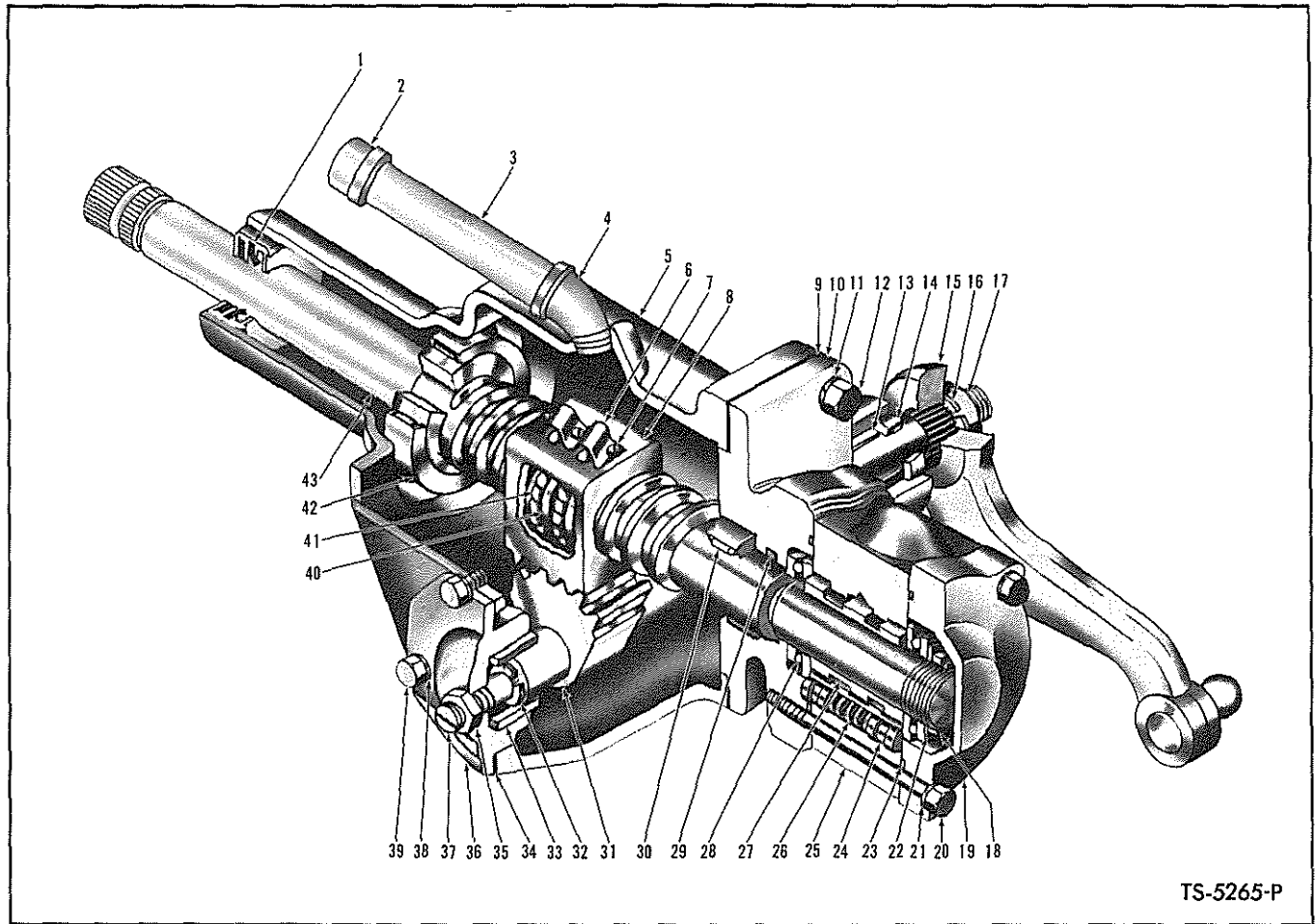
STEERING COLUMN ASSEMBLY

Item No.	Part No.	Description	No. Req'd.
A	589908	COLUMN ASSY, Steering (Inc. 1, 3, 5 thru 14)	1
1	648304	NUT, Steering Wheel	1
2	548074	PLATE, Operating Precaution	1
2A	65G-406	†SCREW, Plate Attaching	4
3	853384	KEY, Steering Wheel	1
4	518331	WHEEL, Steering	1
5	853395	SPRING, Upper Bearing	1
6	861768	WASHER, Upper Bearing	1
7	857729	BEARING ASSY, Upper	1
8	589909	JACKET, Steering Column	1
9	—	§SHAFT, Steering — See Item "A"	—
10	857729	BEARING ASSY, Lower	1
11	853394	SEAT, Bearing Spring	1
12	874121	SPRING, Lower Bearing	1
13	566589	SPACER, Steering Shaft	1
14	784075	RING, Steering Shaft Retaining	1

†Not Illustrated

§Not Sold Separately — Order complete assembly

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE



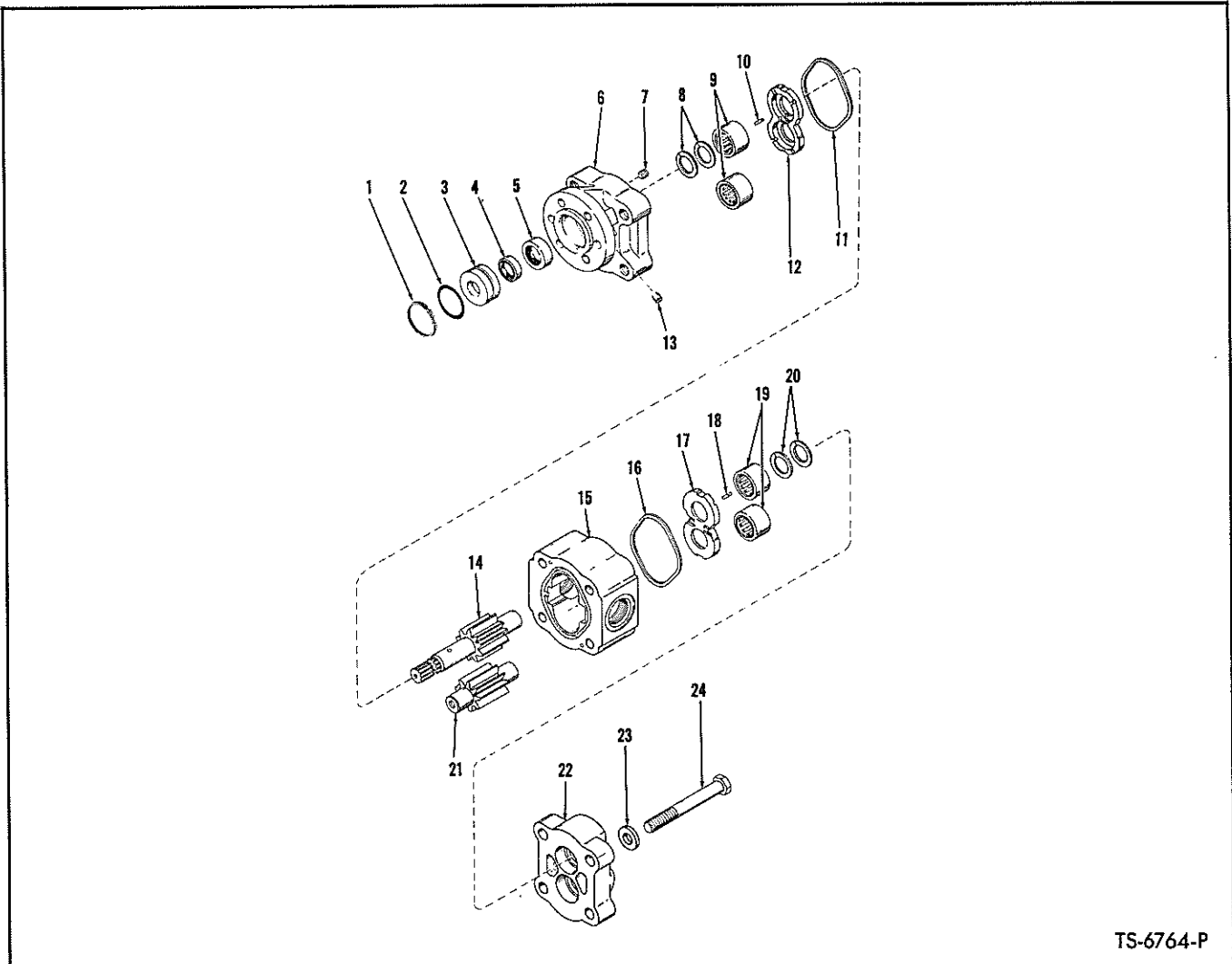
TS-5265-P

STEERING GEAR ASSEMBLY

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	562075	GEAR ASSY (Inc. 1, 5 thru 14, 16 thru 43)	1	22	943429	SPRING, Valve Spool Preload	1
1	952018	SEAL, Steering Shaft	1	23	25K-40224	"O" RING, Valve to End Cover	2
2	22F-4	CAP, Filler	1	24	861755	PLUNGER, Valve Centering	6
3	5K-420	NIPPLE, Filler	1	25	944052	VALVE ASSY (Inc. 24, 26, 27)	1
4	25F-4	ELBOW, Filler	1	26	944053	SPRING, Valve Centering	3
5	946026	HOUSING ASSY (Inc. 13, 42)	1	27	—	§VALVE SPOOL — See Item 25	—
6	853464	CLAMP, Ball Guide Return	1	28	860997	BEARING, Worm Thrust	2
7	851762	BOLT & WASHER ASSY, Clamp	3	29	25K-40108	"O" RING, Adapter	1
8	853408	NUT, Ball	1	30	861741	BEARING, Adapter	1
9	853380	GASKET, Adapter	1	31	940111	GEAR, Pitman Shaft	1
10	861738	ADAPTER, Valve to Housing (Inc. 29, 30)	1	32	853187	SHIM KIT, Lash Adjuster	1
11	4E-07	LKWSHR, Adapter to Housing	4	33	—	§BUSHING, Housing Side Cover — See Item 36	—
12	1C-720	BOLT, Adapter to Housing	4	34	851756	GASKET, Side Cover	1
13	853357	BUSHING, Pitman Shaft	2	35	8D-07	NUT, Lash Adjuster	1
14	853391	SEAL, Pitman Shaft Grease	1	36	853182	COVER ASSY, Housing Side (Inc. 33)	1
15	589811	ARM, Pitman	1	37	851770	ADJUSTER, Lash	1
16	853396	LKWSHR, Pitman Arm	1	38	1C-612	BOLT, Side Cover	3
17	850756	NUT, Pitman Arm	1	39	4E-06	LKWSHR, Side Cover	3
18	873250	NUT, Worm Bearing Lock	1	40	853412	GUIDE, Ball Return	4
19	943667	COVER, Valve End	1	41	10J-09	BALL	106
20	1C-656	BOLT, End Cover	3	42	730143	BEARING, Needle	1
21	4E-06	LKWSHR, End Cover	3	43	946027	SHAFT ASSY (Inc. 6, 7, 8, 40, 41)	1

§Not Sold Separately

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE



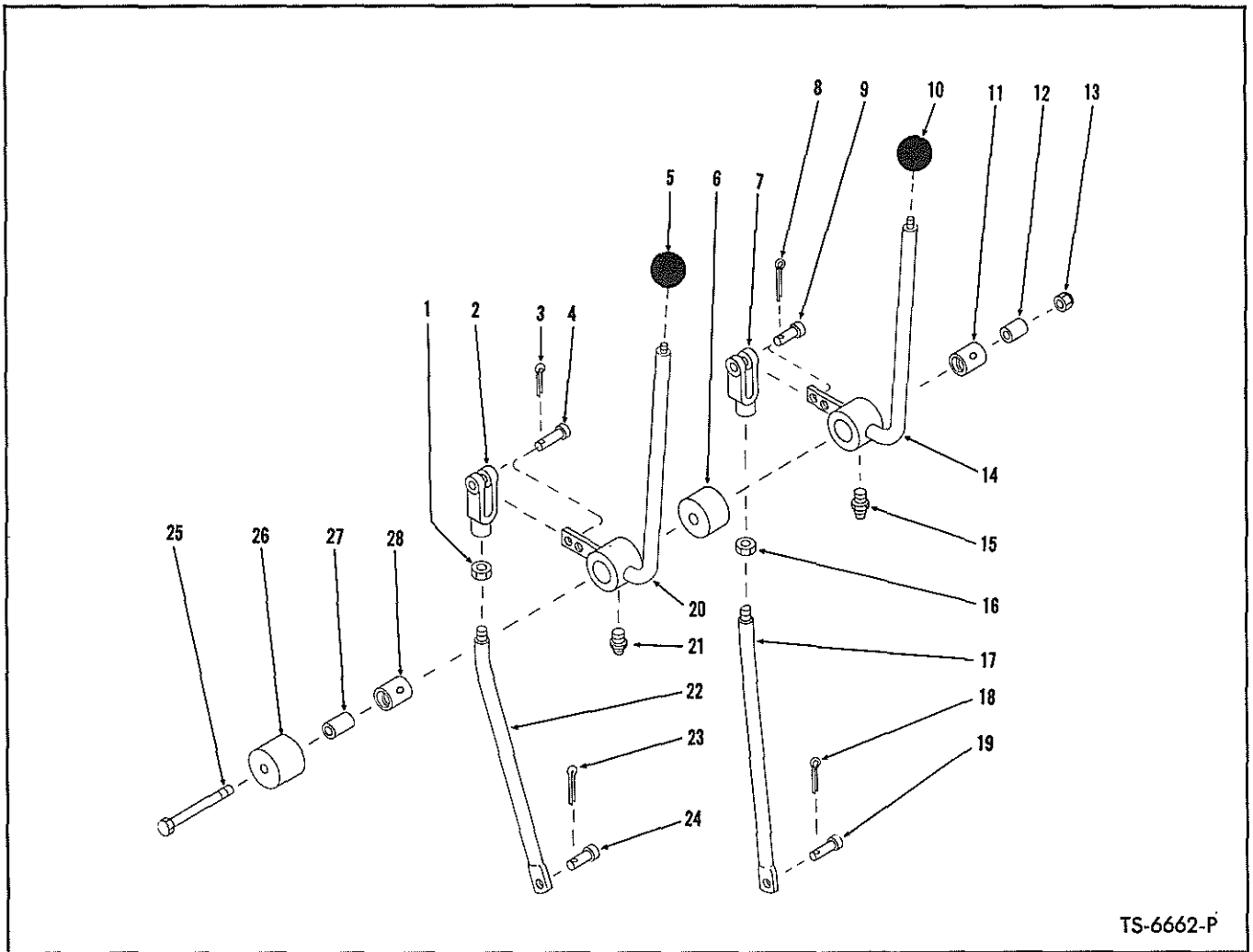
TS-6764-P

HYDRAULIC PUMP – BUCKET AND BOOM

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	569354	PUMP ASSY (Inc. 1 thru 24)	1	12	---	§PLATE, Thrust – See Item "D"	1
B	946392	SHAFT SEAL KIT (Inc. 1 thru 5)	1	13	---	PLUG – Shipping only	1
C	946393	GEAR (Inc. 14, 21)	1	14	---	§GEAR, Drive – See Item "C"	1
D	946394	THRUST PLATE KIT (Inc. 1 thru 5, 10, 11, 12, 16, 17, 18)	1	15	946399	HOUSING, Gear	1
E	946395	BEARING KIT (Inc. 1 thru 5, 8 thru 12, 16 thru 20)	1	16	---	§SEAL, Housing – See Item "D"	1
1	876354	RING, Seal Retainer	1	17	---	§PLATE, Thrust – See Item "D"	1
2	25K-30128	"O" RING, Seal Retainer	1	18	---	§SEAL, Pocket – See Item "D" (Cut from Strip in Kit)	6
3	---	§RETAINER, Seal – See Item "B"	1	19	---	§BEARING, Roller – See Item "E"	2
4	946396	SEAL, Outer Drive Shaft	1	20	---	§SEAL, Ring – See Item "E"	2
5	946397	SEAL, Inner Drive Shaft	1	21	---	§GEAR, Driven	1
6	946398	COVER, Shaft End	1	22	946400	COVER, Port End	1
7	33G-706	SCREW, Set	1	23	946401	WASHER, Cover Mounting	4
8	---	§SEAL, Ring – See Item "E"	2	24	1C-1084	BOLT, Cover Mounting	4
9	---	§BEARING, Roller – See Item "E"	2	25	214962	†SLEEVE, Pump Drive	1
10	---	§SEAL, Pocket – See Item "D" (Cut from Strip in Kit)	6	26	551906	†GASKET, Pump to Converter	1
11	---	§SEAL, Housing – See Item "D"	1	27	8D-06	†NUT, Pump Mounting	6
				28	9E-06	†LKWSHR, Pump Mounting	6

§Not Sold Separately
†Not Illustrated

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE

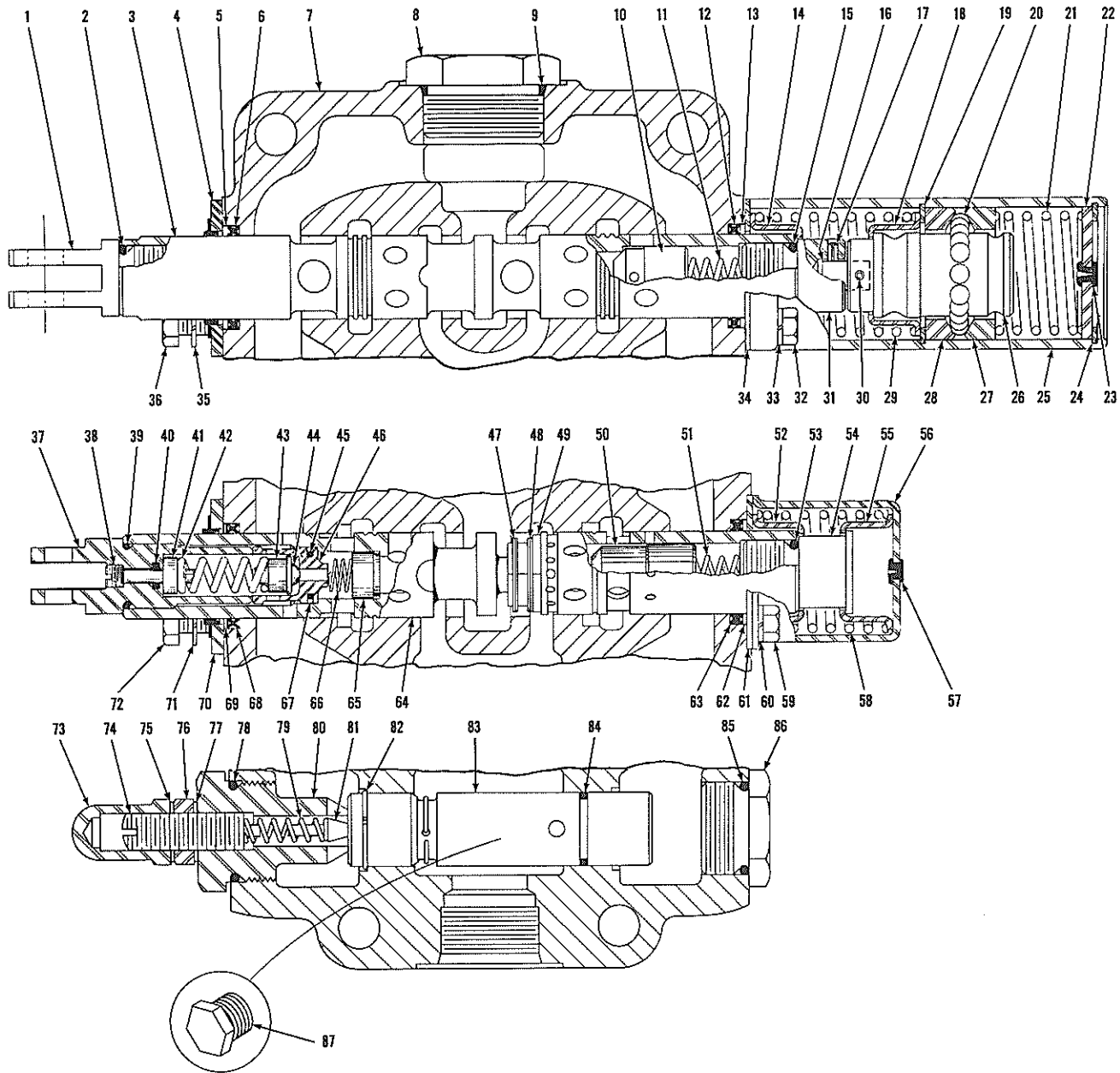


TS-6662-P

VALVE CONTROL LEVERS AND LINKAGE

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	8D-08	NUT, Clevis Jam	1	15	12H-15	FITTING, Lever Grease	1
2	2J-8300	CLEVIS, Rod to Lever	1	16	8D-08	NUT, Clevis Jam	1
3	1F-414	COTTER, Clevis Pin	1	17	564268	ROD ASSY, Valve Control (Inc. 7, 16)	1
4	4F-08127	PIN, Clevis to Lever	1	18	1F-312	COTTER, Clevis Pin	1
5	509772	KNOB, Bucket Lever	1	19	4F-06106	PIN, Rod to Valve	1
6	558574	SPACER, Valve Lever Mounting	1	20	572708	LEVER, Bucket Control (Inc. 28)	1
7	2J-8300	CLEVIS, Rod to Lever	1	21	12H-15	FITTING, Lever Grease	1
8	1F-414	COTTER, Clevis Pin	1	22	564271	ROD ASSY, Valve Control (Inc. 1, 2)..	1
9	4F-08127	PIN, Clevis to Lever	1	23	1F-312	COTTER, Clevis Pin	1
10	509772	KNOB, Boom Lever	1	24	4F-06106	PIN, Rod to Valve	1
11	569055	BUSHING, Valve Lever Mounting	1	25	24C-8136	BOLT, Valve Lever Mounting	1
12	550646	SLEEVE, Valve Lever Mounting	1	26	558574	SPACER, Valve Lever Mounting	1
13	18D-08	NUT, Valve Lever Mounting	1	27	550646	SLEEVE, Valve Lever Mounting	1
14	572708	LEVER, Boom Control (Inc. 11)	1	28	569055	BUSHING, Valve Lever Mounting	1

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE



CONTROL VALVE ASSEMBLY

TS-6653-P

[70]

PM 2086

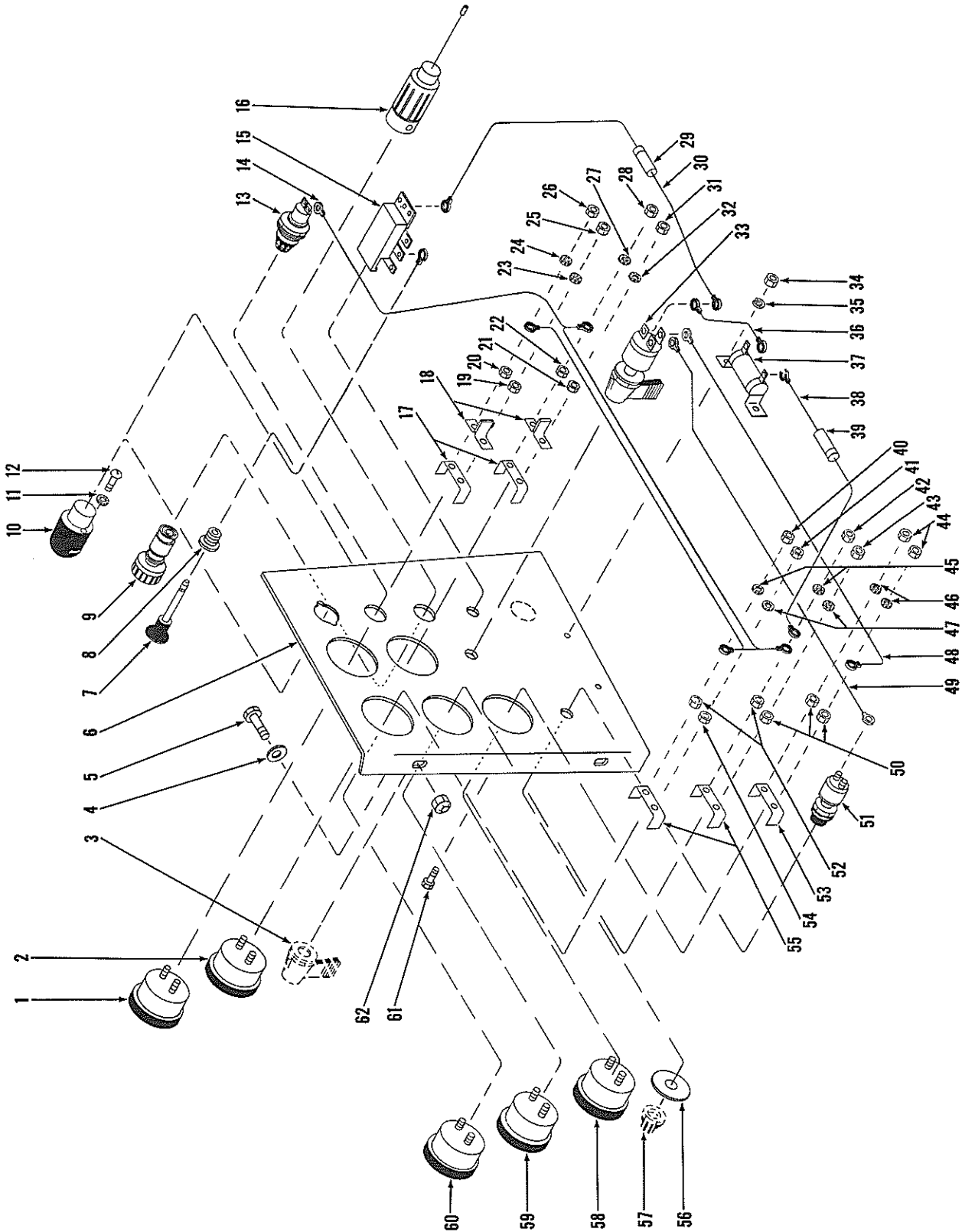
CONTROL VALVE ASSEMBLY

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	558814	VALVE ASSY (Inc. 1 thru 87)	1	46	946367	SEAT, Check	1
1	946360	EYE, Plunger	1	47	1308105	RING, Check Retaining	2
2	944881	"O" RING, Plunger Eye	1	48	1308105	RING, Check Retaining	2
3	—	§ OPERATING PLUNGER—See Item "A"	—	49	946032	CHECK, Plunger	2
4	893294	WIPER, Bonded	1	50	946368	CHECK, Plunger	1
5	944883	RING, Back-Up	1	51	893293	SPRING, Plunger Check	1
6	784559	QUAD RING, Plunger	1	52	945348	GUIDE, Check Spring	1
7	—	§ HOUSING, Valve — See Item "A"	—	53	944881	"O" RING, Operating Plunger	1
8	24K-11	CAP, Housing	1	54	944895	CAP, Operating Plunger	1
9	91F-11	"O" RING, Cap	1	55	945348	GUIDE, Return Spring	1
10	944885	CHECK, Plunger	1	56	944896	COVER, Detent	1
11	893293	SPRING, Plunger Check	1	57	886745	PLUG, Bleeder	1
12	784559	QUAD RING, Plunger	1	58	944879	SPRING, Plunger Return	1
13	944883	RING, Back-Up	1	59	1C-410	BOLT, Cover Retaining	4
14	944878	GUIDE, Check Spring	1	60	4E-04	LKWSHR, Cover Retaining	4
15	944881	"O" RING, Operating Plunger	1	61	944882	PLATE, Quad Ring Retaining	1
16	888449	PIN, Detent	1	62	944883	RING, Back-Up	1
17	108301	PIN, Roll	1	63	784559	QUAD RING, Plunger	1
18	944878	GUIDE, Return Spring	1	64	—	§ OPERATING PLUNGER—See Item "A"	—
19	1301194	RING, Retaining	1	65	946370	CHECK, Plunger	1
20	10J-08	BALL, Detent	15	66	946369	SPRING, Plunger	1
21	946029	SPRING, Detent	1	67	946366	RING, Back-Up	1
22	944900	PLUG, Detent	1	68	784559	QUAD RING, Plunger	1
23	886763	PLUG, Bleeder	1	69	944883	RING, Back-Up	1
24	507695	RING, Plug Retaining	1	70	893294	WIPER, Bonded	1
25	945805	COVER, Detent	1	71	4E-04	LKWSHR, Wiper Retainer	2
26	946030	CAP, Detent	1	72	1C-410	BOLT, Wiper Retainer	2
27	944897	RETAINER, Ball	1	73	944853	ACORN NUT	1
28	944897	RETAINER, Ball	1	74	944890	SCREW, Relief Valve Adjusting	1
29	945090	SPRING, Plunger Return	1	75	613750	WASHER, Jam Nut	1
30	108301	PIN, Roll	1	76	8D-08	NUT, Jam	1
31	945095	CAP, Operating Plunger	1	77	613750	WASHER, Jam Nut	1
32	1C-416	BOLT, Cover Attaching	4	78	25K-40100	"O" RING, Adjusting Cap	1
33	4E-04	LKWSHR, Cover Attaching	4	79	886753	SPRING, Relief Valve	1
34	944882	PLATE, Quad Ring Retaining	1	80	893296	CAP, Relief Valve Adjusting	1
35	4E-04	LKWSHR, Wiper Retainer	2	81	886739	POPPET, Relief Valve	1
36	1C-410	BOLT, Wiper Retainer	2	82	946033	RING, Relief Valve Retaining	1
37	946361	EYE, Plunger	1	83	893298	VALVE ASSY, Relief (Inc. 82, 84)	1
38	946362	SCREW, Adjusting	1	84	945816	"O" RING, Relief Valve	1
39	944881	"O" RING, Plunger Eye	1	85	25K-40100	"O" RING, Cap	1
40	25K-20007	"O" RING, Guide	1	86	944894	CAP, Valve Housing	1
41	946363	GUIDE, Check Spring	1	87	40K-04	PLUG, Housing	1
42	946364	SPRING, Check	1	88	18C-864	† BOLT, Valve Mounting	3
43	946365	CHECK, Plunger (Inc. 44)	1	89	4E-08	† LKWSHR, Valve Mounting	2
44	—	§ BALL — See Item 43	—	90	66D-08	† NUT, Valve Mounting	1
45	25K-20016	"O" RING, Check Seat	1				

§Not Sold Separately
 †Not Illustrated

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE

TS-5236-P



INSTRUMENT PANEL ASSEMBLY



INSTRUMENT PANEL ASSEMBLY

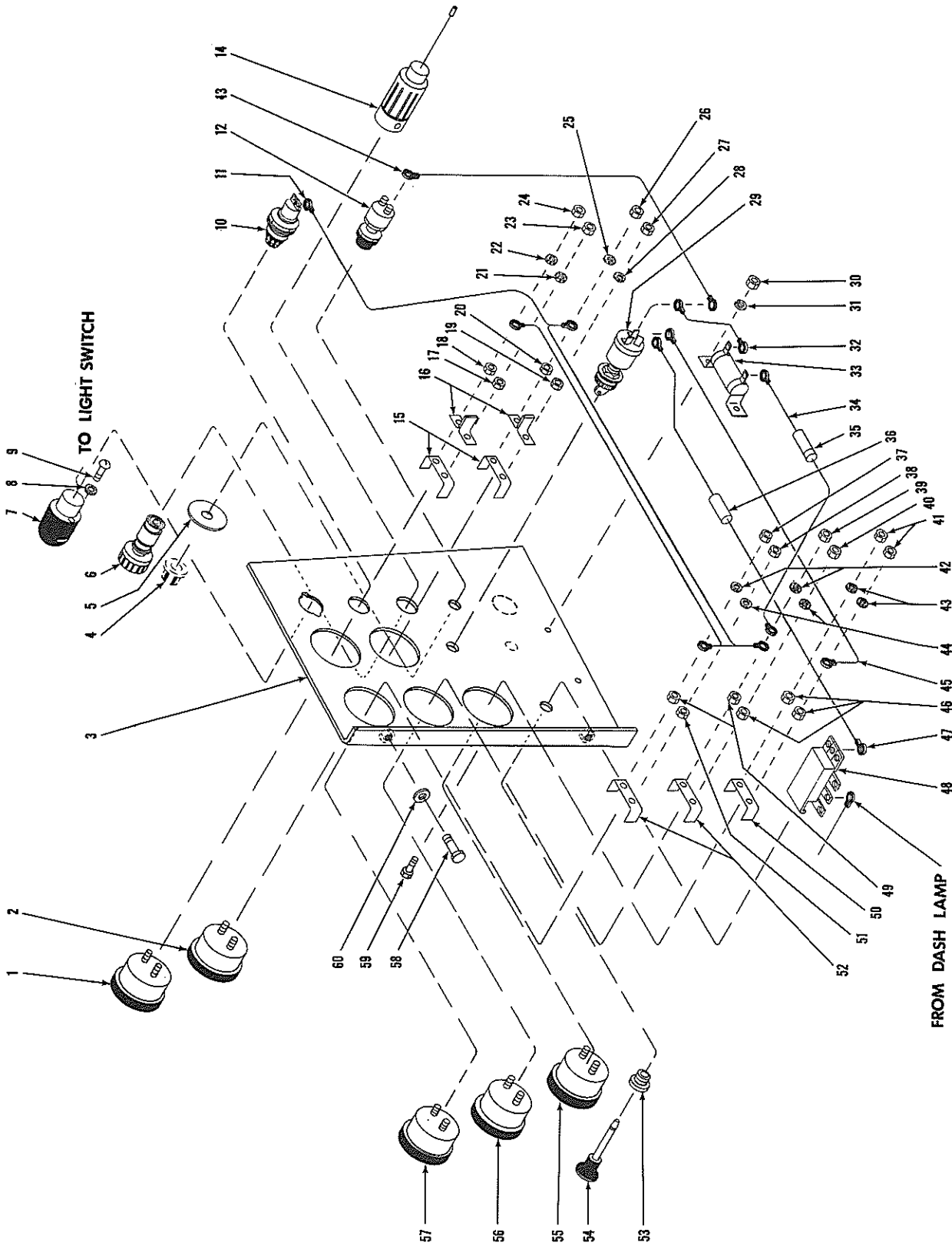
For Serial 6DG101 thru 6DG136

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	523372	GAUGE, Engine Oil Pressure	1	31	14D-10	NUT, Terminal to Gauge	1
2	517228	GAUGE, Air Pressure	1	32	12E-10	LKWSHR, Terminal to Gauge	1
3	-----	OMIT	—	33	573548	SWITCH, Ignition (Key)	1
4	619024	WASHER, Instrument Panel Mounting	—	34	-----	OMIT — Not used on 12V System	—
5	18C-616	BOLT, Instrument Panel Mounting	2	35	-----	OMIT — Not used on 12V System	—
6	589992	PANEL, Instrument	1	36	-----	OMIT — Not used on 12V System	—
7	550742	ROD, Light Switch	1	37	-----	OMIT — Not used on 12V System	—
8	550743	BUSHING, Light Switch	1	38	573587	WIRE, Resistor to Temperature Gauge	1
9	944803	ELEMENT, Lighter	1	39	571021	FUSE — .75 Amp	1
10	574276	LAMP, Dash	1	40	12D-8	NUT, Terminal to Gauge	1
10A	427237	†BULB, Dash Lamp (12V)	1	41	14D-10	NUT, Terminal to Gauge	1
11	12E-6	LKWSHR, Dash Lamp Mounting	2	42	12D-8	NUT, Terminal to Gauge	1
12	18G-606	SCREW, Dash Lamp Mounting	2	43	14D-10	NUT, Terminal to Gauge	1
13	562141	LIGHT, Indicator	1	44	14D-10	NUT, Terminal to Gauge	2
13A	876574	†BULB, Indicator Light	1	45	12E-8	LKWSHR, Terminal to Gauge	2
14	558673	HARNESS, Instrument Wiring	1	46	12E-10	LKWSHR, Terminal to Gauge	2
15	550741	SWITCH, Light	1	47	12E-10	LKWSHR, Terminal to Gauge	2
16	549024	RECEPTACLE, Lighter	1	48	553405	WIRE, Ignition Switch to Ammeter	1
16A	944804	†FUSE, Lighter	1	49	553405	WIRE, Ignition Switch to Starter Button	1
17	626530	CLAMP, Instrument Mounting	2	50	14D-10	NUT, Gauge to Panel Mounting	3
18	602350	SEPARATOR, Oil & Air Gauge	2	51	600259	BUTTON, Starter (Inc. 51A, 57)	1
19	14D-10	NUT, Gauge to Panel Mounting	1	51A	857420	†RUBBER BOOT, Starter Button	1
20	12D-8	NUT, Gauge to Panel Mounting	1	52	12D-8	NUT, Gauge to Panel Mounting	2
21	14D-10	NUT, Gauge to Panel Mounting	1	53	601212	CLAMP, Ammeter Mounting	1
22	12D-8	NUT, Gauge to Panel Mounting	1	54	14D-10	NUT, Gauge to Panel Mounting	1
23	12E-10	LKWSHR, Terminal to Gauge	1	55	626530	CLAMP, Instrument Mounting	2
24	12E-8	LKWSHR, Terminal to Gauge	1	56	547237	PLATE, Starter Button	1
25	14D-10	NUT, Terminal to Gauge	1	57	-----	§BUTTON, Push — See Item 51	—
26	12D-8	NUT, Terminal to Gauge	1	58	550735	AMMETER	1
27	12E-8	LKWSHR, Terminal to Gauge	1	59	551322	GAUGE, Engine Temperature	1
28	12D-8	NUT, Terminal to Gauge	1	60	551321	GAUGE, Torque Converter Temp.	1
29	611074	FUSE — 20 Amp	1	61	-----	OMIT — Not used on 12V System	—
30	552946	WIRE, Ignition Switch to Light Switch (Inc. 29)	1	62	18D-06	NUT, Instrument Panel Mounting	2
				63	565430	†WIRE, Lighter to Indicator Light	1

†Not Illustrated
§Not Sold Separately

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE

TS-6666-P



INSTRUMENT PANEL ASSEMBLY

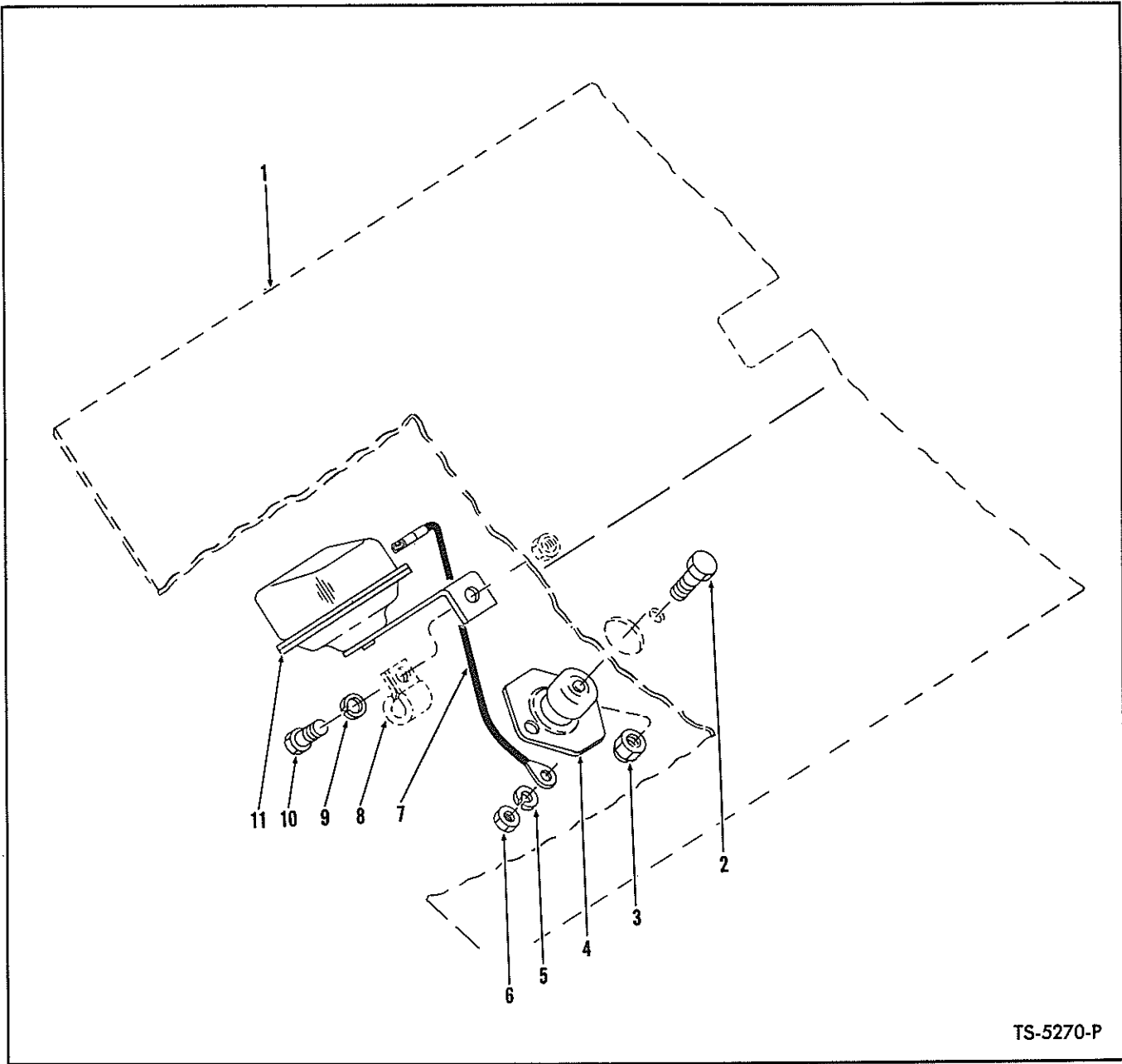
INSTRUMENT PANEL ASSEMBLY

For Serial 6DG137 and Thereafter

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
1	523372	GAUGE, Engine Oil Pressure	1	31	-----	OMIT — Not used on 12V System	—
2	517228	GAUGE, Air Pressure	1	32	-----	OMIT — Not used on 12V System	—
3	574117	PANEL, Instrument	1	33	-----	OMIT — Not used on 12V System	—
4	-----	§BUTTON, Push — See Item 12	—	34	573587	WIRE, Ignition Switch to Temperature Gauge	1
5	547237	PLATE, Starter Button	1	35	571021	FUSE — .75 Amp	1
6	944803	ELEMENT, Lighter	1	36	611074	FUSE — 20 Amp	1
7	574276	LAMP, Dash	1	37	12D-8	NUT, Terminal to Gauge	1
7A	427237	†BULB, Dash Lamp (12V)	1	38	14D-10	NUT, Terminal to Gauge	1
8	12E-6	LKWSHR, Dash Lamp Mounting	2	39	12D-8	NUT, Terminal to Gauge	1
9	18G-606	SCREW, Dash Lamp Mounting	2	40	14D-10	NUT, Terminal to Gauge	1
10	562141	LIGHT, Indicator	1	41	14D-10	NUT, Terminal to Gauge	2
10A	876574	†BULB, Indicator Light	1	42	12E-8	LKWSHR, Terminal to Gauge	2
11	558673	HARNESS, Instrument Wiring	1	43	12E-10	LKWSHR, Terminal to Gauge	2
12	600259	BUTTON, Starter (Inc. 4, 12A)	1	44	12E-10	LKWSHR, Terminal to Gauge	2
12A	857420	†RUBBER BOOT, Starter Button	1	45	553405	WIRE, Ignition Switch to Ammeter	1
13	553405	WIRE, Ignition Switch to Starter Button	1	46	14D-10	NUT, Gauge to Panel Mounting	3
14	549024	RECEPTACLE, Lighter	1	47	552946	WIRE, Ignition Switch to Light Switch (Inc. 36)	1
14A	944804	†FUSE, Lighter	1	48	550741	SWITCH, Light	1
15	626530	CLAMP, Instrument Mounting	2	49	12D-8	NUT, Gauge to Panel Mounting	2
16	602350	SEPARATOR, Oil & Air Gauges	2	50	601212	CLAMP, Ammeter Mounting	1
17	14D-10	NUT, Gauge to Panel Mounting	1	51	14D-10	NUT, Gauge to Panel Mounting	1
18	12D-8	NUT, Gauge to Panel Mounting	1	52	626530	CLAMP, Instrument Mounting	2
19	14D-10	NUT, Gauge to Panel Mounting	1	53	550743	BUSHING, Light Switch	1
20	12D-8	NUT, Gauge to Panel Mounting	1	54	550742	ROD, Light Switch	1
21	12E-10	LKWSHR, Terminal to Gauge	1	55	550735	AMMETER	1
22	12E-8	LKWSHR, Terminal to Gauge	1	56	551322	GAUGE, Engine Temperature	1
23	14D-10	NUT, Terminal to Gauge	1	57	551321	GAUGE, Torque Conv. Temperature ..	1
24	12D-8	NUT, Terminal to Gauge	1	58	17C-616	BOLT, Instrument Panel Mounting	3
25	12E-8	LKWSHR, Terminal to Gauge	1	59	-----	OMIT — Not used on 12V System	—
26	12D-8	NUT, Terminal to Gauge	1	60	656672	WASHER, Instrument Panel Mounting ..	2
27	14D-10	NUT, Terminal to Gauge	1	60A	4E-06	†LKWSHR, Instrument Panel Mounting..	3
28	12E-10	LKWSHR, Terminal to Gauge	1	60B	572729	†CAGED NUT, Instrument Panel Mounting	1
29	573548	SWITCH, Ignition	1				
30	-----	OMIT — Not used on 12V System	—				

§Not Sold Separately
†Not Illustrated

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE

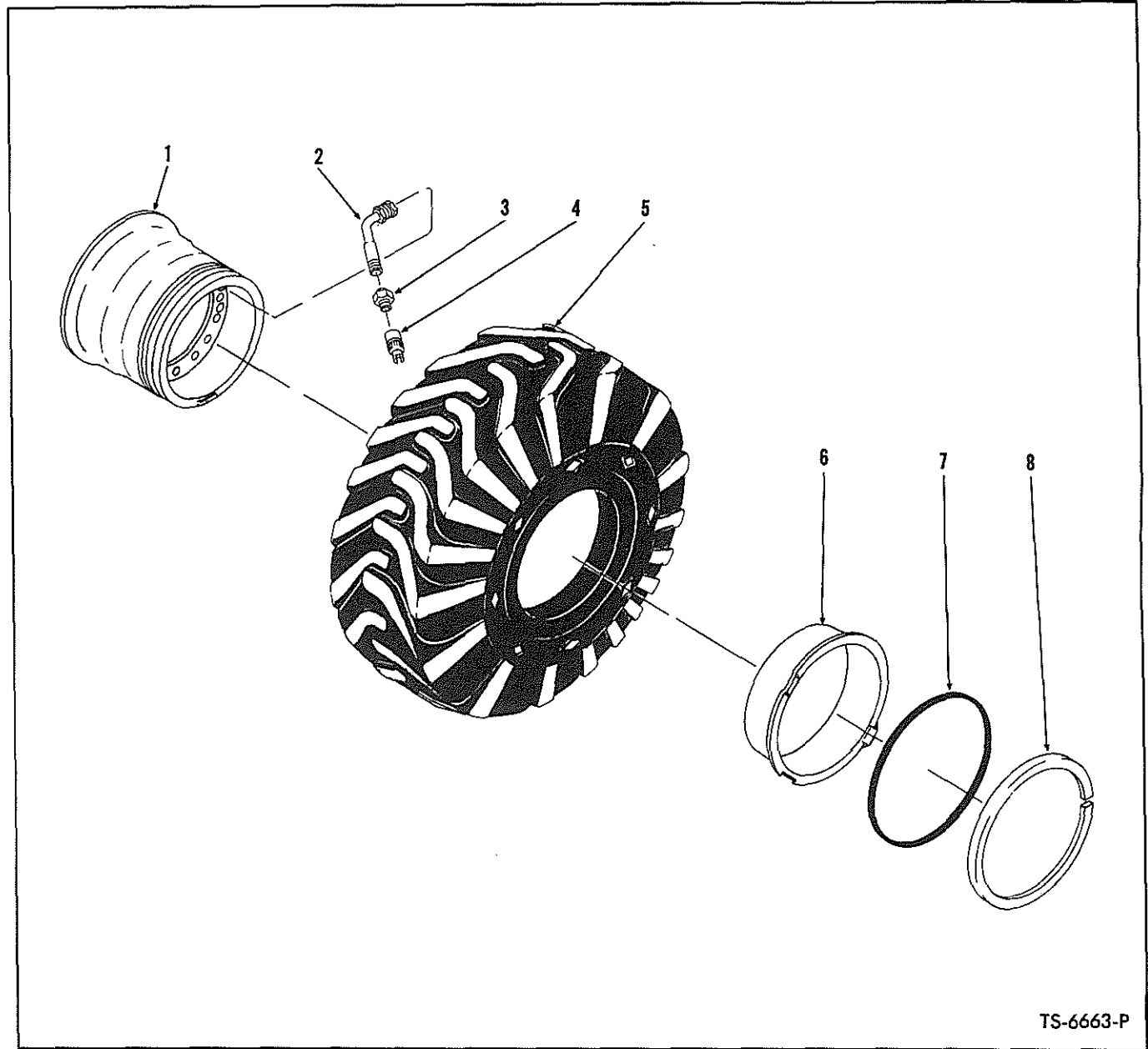


TS-5270-P

HORN AND FOOT SWITCH

Item No.	Part No.	Description	No. Req'd.
1	—	COCKPIT — See Index	—
2	18C-412	BOLT, Foot Switch to Cockpit	2
3	18D-04	NUT, Foot Switch to Cockpit	2
4	778570	SWITCH, Foot	1
5	4E-05	LKWSHR, Terminal Mounting	2
6	8D-05	NUT, Terminal Mounting	2
7	558957	WIRE, Foot Switch to Horn	1
8	—	CLIP — See Clip Chart	—
9	4E-04	LKWSHR, Horn Mounting	1
10	17C-412	BOLT, Horn Mounting	1
11	885083	HORN KIT	1

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE



TS-6663-P

WHEEL AND TIRE DATA

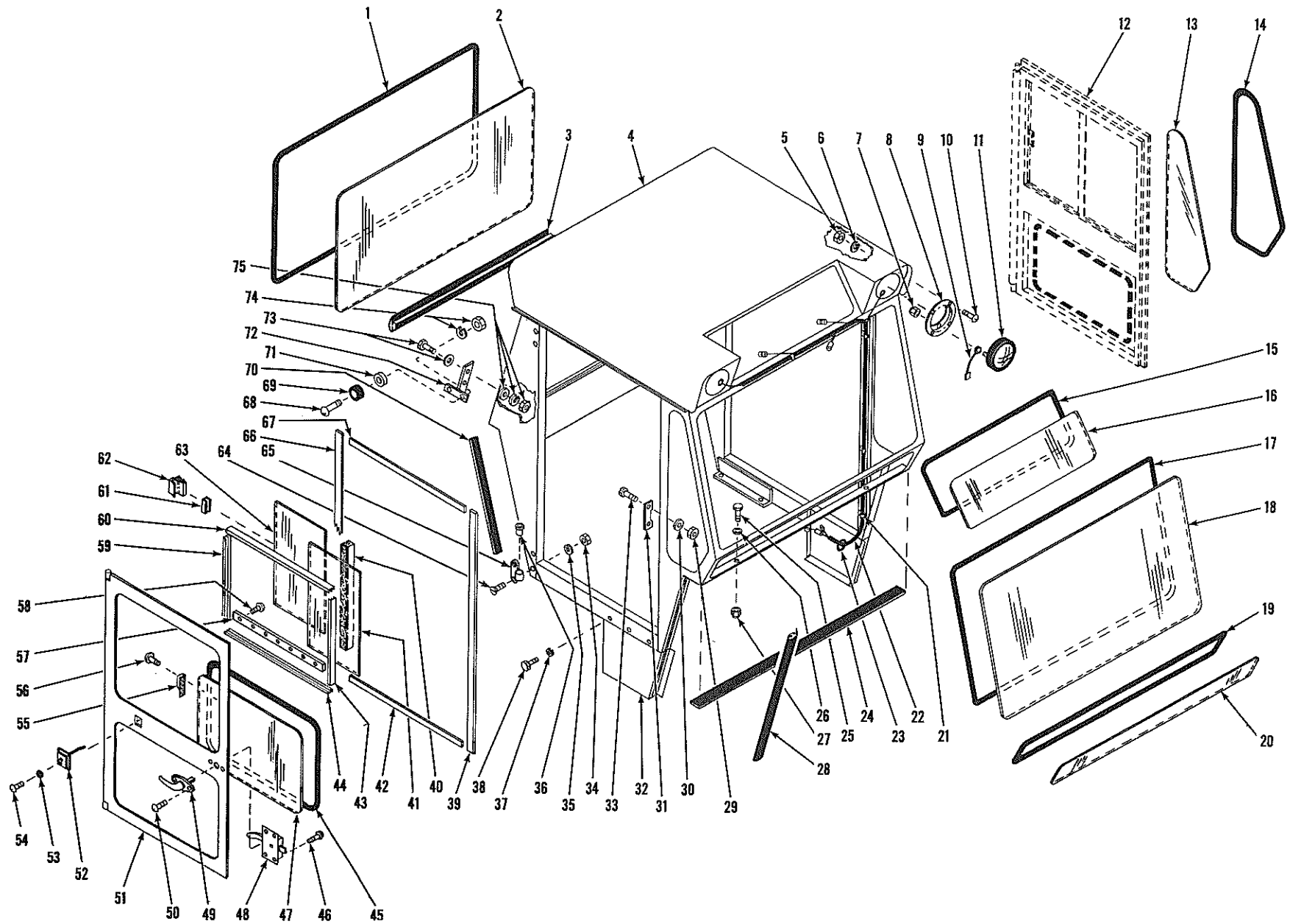
Item No.	Sure Grip Grader 14.0 x 24 12 PR	Rock Grader 14.0 x 24 12 PR	Sure Grip Grader 16.0 x 24 12 PR	Loader 17.5 x 25 12 PR	Sure Grip Lug 20.5 x 25 12 PR	Description	No. Req'd.
1	532253	532253	532253	545957	1520271	WHEEL	4
2	517963	517963	517963	509445	509445	STEM, Valve (Inc. 3, 4)	4
3	551684	551684	551684	551684	551684	ADAPTER, Valve Stem	4
4	551685	551685	551685	551685	551685	CAP, Valve	4
5	-----	-----	-----	-----	-----	§TIRE	4
6	941326	941326	941326	112461	424964	FLANGE (See Note "A")	4
7	941329	941329	941329	112462	580278	"O" RING	4
8	941325	941325	941325	112460	580274	LOCK RING	4
9	-----	-----	-----	-----	553956	†BAND, Bead Seat	4

§Not Sold Separately

†Not Illustrated

NOTE "A": Two (2) 424964 Flanges used per wheel on 20.5 x 25 Tire

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE



CAB ASSEMBLY

TS-6681-P

CAB ASSEMBLY

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	568652	CAB ASSY (Inc. 1 thru 6, 8, 10, 12 thru 20, 24, 28 thru 75)	1	39	943623	WEATHERSTRIP, Door Front	8 ft.
1	569694	MOULDING, Rear Window	11 ft.	40	139149	CHANNEL, Glass Divider	2 ft.
2	-----	§GLASS PATTERN, Rear Window — See Item 76	—	41	-----	§GLASS PATTERN, Sliding Door — See Item 76	—
3	1521846	WEATHERSTRIP, Cab — Rear	5 ft.	42	943623	WEATHERSTRIP, Door — Bottom	6 ft.
4	-----	§CAB — See Item "A"	—	43	569696	CHANNEL, Side Glass Track	4 ft.
5	12D-10	NUT, Head Lamp Adapter Attaching..	8	44	569696	CHANNEL, Bottom Glass Track	4 ft.
6	17E-10	LKWSHR, Head Lamp Adapter Attaching	8	45	569694	MOULDING, Lower Door Glass	12 ft.
7	50D-10	NUT, Head Lamp Attaching	6	46	66G-1008	SCREW, Lock to Door Attaching	8
8	568675	ADAPTER, Head Lamp Panel	2	47	-----	§GLASS PATTERN, Lower Door — See Item 76	—
9	540882	WIRE, Head Lamp Ground	2	48	942874	LOCK, Door — R.H.	1
10	3G-1012	SCREW, Head Lamp Adapter Attaching	8	48A	138249	†LOCK Door — L.H.	1
11	547006	HEAD LAMP ASSY — 12V (Inc. 11A, 11B)	2	49	785904	HANDLE, Door (Less Key)	2
11A	551242	†SEALED UNIT, Head Lamp — 12V.....	2	49A	547172	†HANDLE, Door (With Key — Optional)	2
11B	944977	†RETAINER, Head Lamp	2	50	32G-1008	SCREW, Handle to Door Attaching	4
12	-----	DOOR — See Item 51A	—	51	568669	DOOR — R.H.	1
13	-----	§GLASS PATTERN, Quarter Window — See Item 76	—	51A	568670	†DOOR — L.H.	1
14	569694	MOULDING, Quarter Window	5 ft.	52	560650	CATCH, Door	2
15	569694	MOULDING, Roof	6 ft.	53	17E-10	LKWSHR, Door Catch Attaching	8
16	-----	§GLASS PATTERN, Roof — See Item 76	—	54	79G-1010	SCREW, Door Catch Attaching	8
17	569694	MOULDING, Upper Windshield	12 ft.	55	557465	STRIKE, Window Lock	4
18	-----	§GLASS PATTERN, Upper Windshield — See Item 76	—	56	5G-606	SCREW & LKWSHR ASSY, Window Lock Attaching	8
19	569694	MOULDING, Lower Windshield	10 ft.	57	945577	RETAINER, Door Channel	2
20	-----	§GLASS PATTERN, Lower Windshield — See Item 76	—	58	63G-1008	SCREW, Channel Retainer to Door	14
21	541988	CLIP, Wiring Harness	4	59	569696	CHANNEL, Side Glass Track	4 ft.
22	568654	WIRING HARNESS, Cab	1	60	569696	CHANNEL, Top Glass Track	4 ft.
23	515069	GROMMET, Cab Wiring Harness	1	61	946115	RUBBER, Lock to Glass Mounting	1 ft.
24	1521844	WEATHERSTRIP, Cab to Cockpit	4 ft.	62	589571	LOCK, Sliding Glass	4
25	18C-628	BOLT, Cab Attaching — Front Mount	2	63	-----	§GLASS PATTERN, Sliding Door — See Item 76	—
25A	18C-624	†BOLT, Cab Attaching — Side Mount ..	4	64	76G-512	SCREW, Hinge Attaching	8
26	616783	WASHER, Cab Attaching	6	65	945554	HINGE, Door — R.H. Lower & L.H. Upper	2
27	18D-06	NUT, Cab Attaching	6	65A	945555	HINGE, Door — R.H. Upper & L.H. Lower	2
28	569692	WEATHERSTRIP, Cab — Front	6 ft.	66	943623	WEATHERSTRIP, Door — Rear	8 ft.
29	1D-04	NUT, Door Lock Strike Attaching	4	67	943623	WEATHERSTRIP, Door — Top	6 ft.
30	4E-04	LKWSHR, Door Lock Strike Attaching ..	4	68	3G-1016	SCREW, Bumper to Latch Strike	2
31	945576	STRIKE, Door Lock	2	69	560651	BUMPER, Rubber	2
32	568686	PANEL, Lower Quarter — R.H.	1	70	943623	WEATHERSTRIP, Cab Seal Rear	2 ft.
32A	568687	PANEL, Lower Quarter — L.H.	1	71	874767	SPACER, Bumper to Latch	2
33	47G-412	BOLT, Door Lock Strike Attaching	4	72	574992	STRIKE, Door Latch	2
34	1D-05	NUT, Cab Door Hinge Attaching	8	73	17C-416	BOLT, Door Latch Strike Attaching	2
35	4E-05	LKWSHR, Cab Door Hinge Attaching ..	8	73A	619018	WASHER, Door Latch Strike Attaching	2
36	568700	BUSHING, Cab Door Hinge	4	74	12D-10	NUT, Bumper to Latch Strike	2
37	4E-04	LKWSHR, Lower Quarter Panel Attaching	6	74A	17E-10	LKWSHR, Bumper to Latch Strike	2
38	17C-410	BOLT, Lower Quarter Panel Attaching	6	75	619018	WASHER, Door Latch Strike Attaching	2
				75A	4E-04	LKWSHR, Door Latch Strike Attaching	2
				75B	1D-04	NUT, Door Latch Strike Attaching	2
				76	945903	†GLASS PATTERN KIT (Inc. 2, 13, 16, 18, 20, 41, 47, 63)	1

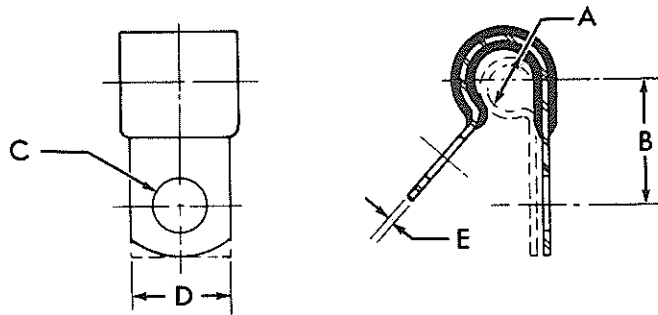
§Not Sold Separately
†Not Illustrated

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE

WIRING, PIPE AND HOSE CLIPS

The following types of clips are used in connection with the various wiring, fuel, air and hydraulic piping systems employed in this unit. When replacing clips identification can be made by checking type and physical dimensions listed to obtain part number.

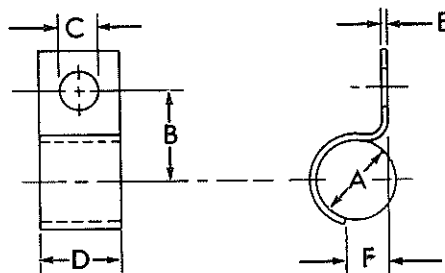
INSULATED CLIP



TS-5008-P

Item No.	PART NUMBER	A	B	C	D	E	F
1	30H-14	1/4	1 7/32	3/32	1/2	.036	
2	30H-16	1/4	2 1/32	1 3/32	3/4	.032	
3	30H-20	5/16	1 1/16	1 3/32	3/4	.036	
4	30H-31	1/2	2 5/32	1 3/32	3/4	.050	
5	30H-36	5/16	7/8	1 5/32	7/8	.048	
6	30H-38	5/8	2 7/32	1 3/32	3/4	.050	
7	30H-40	5/8	3 1/32	1 7/32	1	.050	
8	30H-46	1 3/16	1 5/16	1 3/32	3/4	.050	
9	30H-48	1 3/16	1 1/16	1 7/32	1	.048	
10	30H-50	1 5/16	1	1 3/32	3/4	.050	
11	30H-52	1 5/16	1 1/8	1 7/32	1	.050	
12	538234	7/16	1 5/16	1 7/32	1	.049	
13	574261	1 3/16	2	1 3/32	7/8	.062	

OPEN CLIP



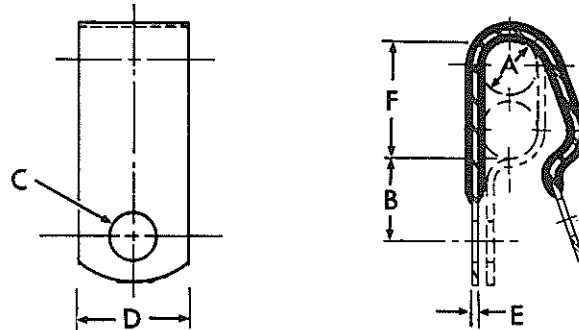
TS-5011-P

Item No.	PART NUMBER	A	B	C	D	E	F
14	533482	2 3/4	2 3/8	5/16	1 1/4	3/16	1 3/4

WIRING, PIPE AND HOSE CLIPS

The following types of clips are used in connection with the various wiring, fuel, air and hydraulic piping systems employed in this unit. When replacing clips identification can be made by checking type and physical dimensions listed to obtain part number.

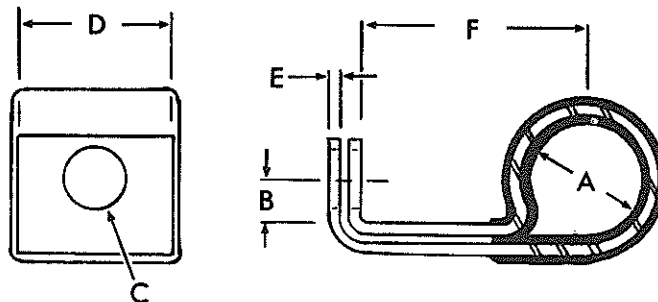
INSULATED DOUBLE CLIP



TS-6372-P

Item No.	PART NUMBER	A	B	C	D	E	F
1	31H-36	$\frac{5}{8}$	$2\frac{1}{32}$	$1\frac{1}{32}$	1	.050	$1\frac{1}{4}$

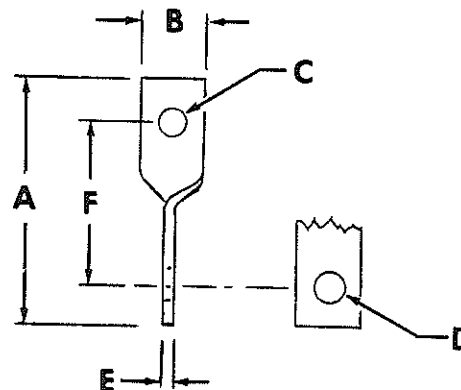
INSULATED CLIP



TS-6373-P

Item No.	PART NUMBER	A	B	C	D	E	F
2	562600	$\frac{5}{8}$	$\frac{5}{8}$	$\frac{7}{16}$	1	.050	$1\frac{5}{8}$

BRACKET CLIP



TS-6758-P

Item No.	PART NUMBER	A	B	C	D	E	F
3	574270	$4\frac{1}{2}$	$\frac{3}{4}$	$\frac{5}{16}$	$\frac{1}{16}$.1046	$3\frac{1}{2}$



WIRING AND CABLES

Item No.	Part No.	Description	No. Req'd.
1	558952	HARNESS, Cockpit Wiring	1
2	558674	HARNESS, Engine Wiring	1
3	562010	HARNESS, Floodlight Wiring	1
4	562008	HARNESS, Tail Light Wiring	1
5	630292	WIRE, Floodlight Ground	2

Item No.	Part No.	Description	No. Req'd.
6	558960	WIRE, Hourmeter Ground	1
7	564384	WIRE, Battery to Horn Button	1
8	568462	WIRE, Head Lamp Feed	1
9	675739	CABLE, Battery Ground	1
10	566502	CABLE, Battery to Solenoid	1

BATTERY, BATTERY HOLD DOWN AND HOURMETER

Item No.	Part No.	Description	No. Req'd.
11	799044	BATTERY	1
12	572394	HOLD DOWN, Battery	1
13	536582	STUD, Battery Hold Down	2
14	8D-05	NUT, Stud Jam	2
15	18D-05	NUT, Hold Down to Battery Box	4

Item No.	Part No.	Description	No. Req'd.
16	886619	HOURMETER KIT	1
17	551251	DAMPENER, Hourmeter Vibration	1
18	3G-608	SCREW, Hourmeter Mounting	3
19	12E-06	LKWSHR, Hourmeter Mounting	3

DECALS AND PLATES

Item No.	Part No.	Description	No. Req'd.
20	547852	*DECAL, Michigan	2
21	547851	*DECAL, Clark Equipment	2
22	571100	*DECAL, Model	2
23	538256	*DECAL, Transmission Drain	1
24	557461	*DECAL, Safety Wiring	1
25	547794	*DECAL, Safety Warning	1
26	569451	*DECAL, Warning Light	1
27	569331	*DECAL, Bucket Indicator	1
28	1520495	*DECAL, "Best on Earth"	2
29	569389	PLATE, Emergency Stop	1
30	6C-605	SCREW, Plate Mounting	2

Item No.	Part No.	Description	No. Req'd.
31	548074	PLATE, Operating Precaution	1
32	65G-406	SCREW, Plate Mounting	4
33	542074	PLATE, Patent	1
34	6C-605	SCREW, Plate Mounting	4
35	562302	PLATE, Lubrication Instruction	1
36	6C-605	SCREW, Plate Mounting	4
37	567977	PLATE, Shift Quadrant - Hi-Lo	1
38	6C-605	SCREW, Plate Mounting	2
39	567947	PLATE, Shift Quadrant - Forward, Neutral, Reverse	1
40	6C-605	SCREW, Plate Mounting	4

WINDSHIELD WIPER - FRONT (OPTIONAL)

Item No.	Part No.	Description	No. Req'd.
41	568969	WIPER MOTOR (12V)	1
42	31G-428	SCREW, Mounting	3
43	8E-04	LKWSHR, Mounting	3
44	568967	WIPER ARM (15" long)	1
45	568968	WIPER BLADE (17" long)	1
46	891308	SWITCH & KNOB ASSY	1

Item No.	Part No.	Description	No. Req'd.
47	546535	BRACKET, Mounting	1
48	30H-18	CLIP, Wire Mounting	1
49	784870	WIRE, Harness to Switch	1
50	18C-412	BOLT, Mounting	2
51	655629	WASHER, Mounting	2
52	18D-04	NUT, Mounting	2

WINDSHIELD WIPER - REAR (OPTIONAL)

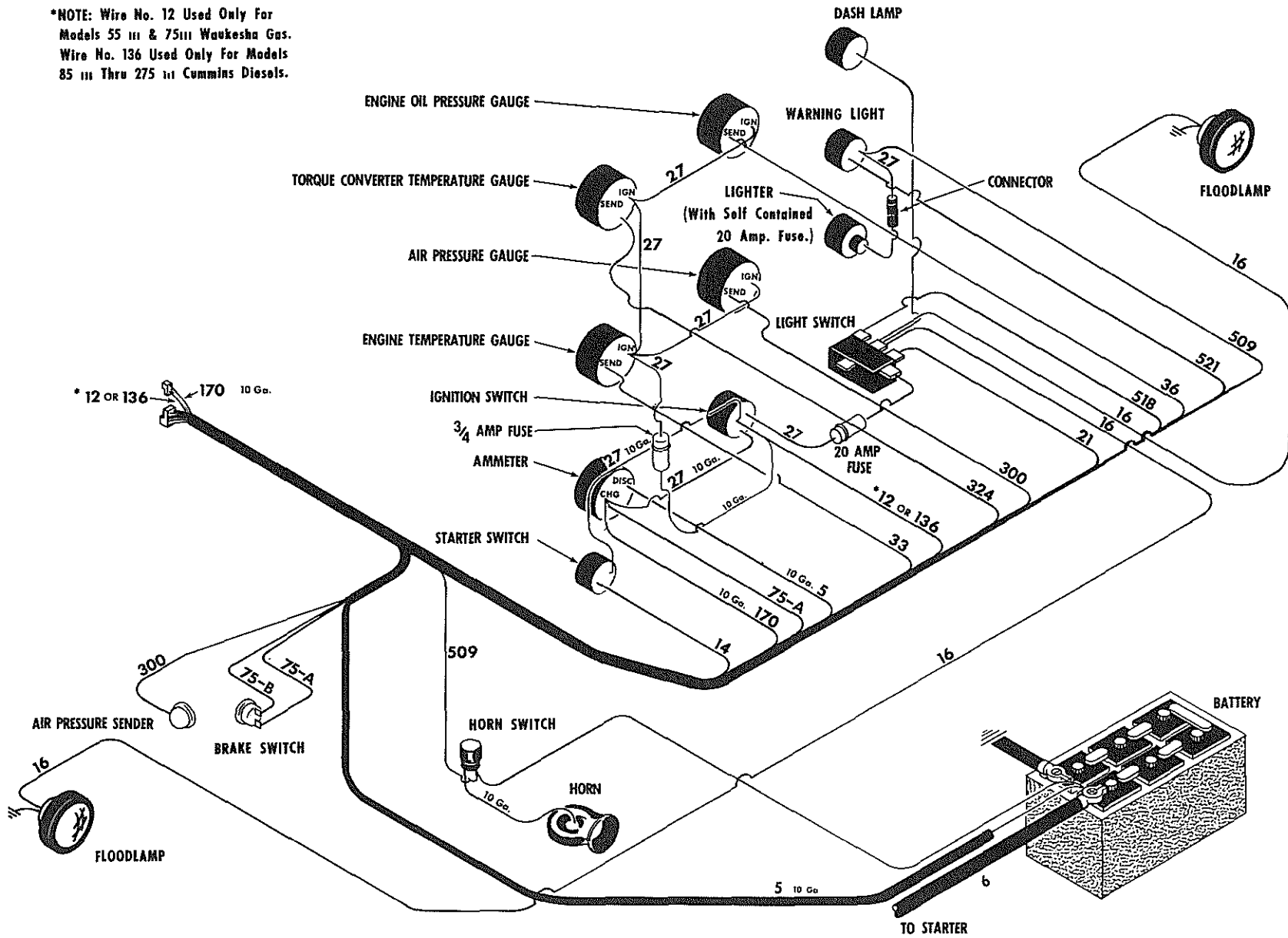
Item No.	Part No.	Description	No. Req'd.
53	568969	WIPER MOTOR (12V)	1
54	574730	BRACKET, Wiper Motor	1
55	574729	LINK, Wiper Motor	1
56	18C-412	BOLT, Mounting	5
57	18D-04	NUT, Mounting	5
58	41G-1010	SCREW, Mounting	2
59	50D-10	NUT, Mounting	2

Item No.	Part No.	Description	No. Req'd.
60	560517	WIPER ARM (14" Long)	1
61	568968	WIPER BLADE (17" Long)	1
62	891308	SWITCH & KNOB ASSY	1
63	546535	BRACKET, Switch Mounting	1
64	672313	WIRE, Harness to Switch	1
65	30H-14	CLIP, Wire Mounting	2
66	655629	WASHER, Mounting	1

*NOTE: Contact your local Michigan Distributor for the above listed Decals.

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE

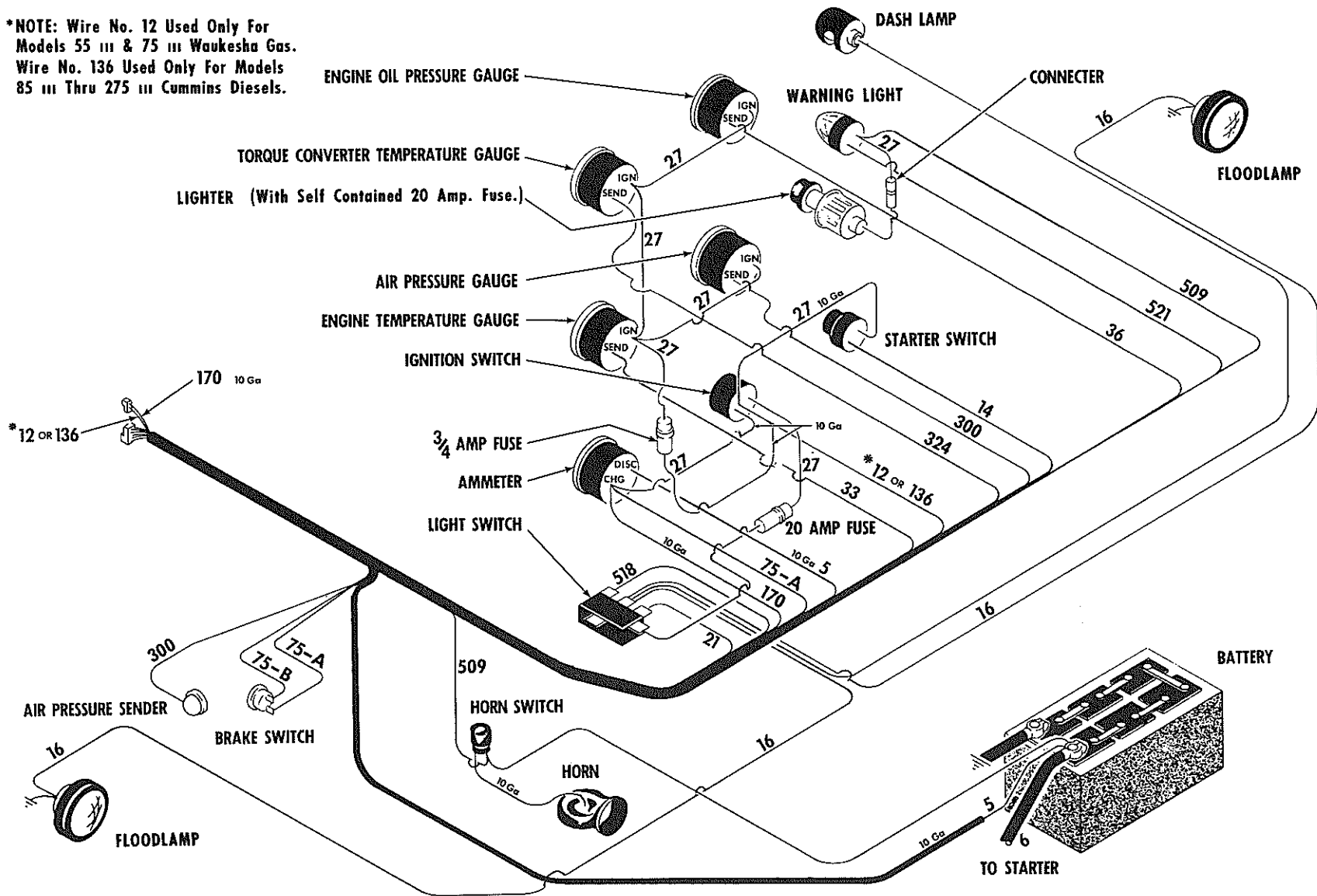
*NOTE: Wire No. 12 Used Only For Models 55 III & 75III Waukesha Gas.
 Wire No. 136 Used Only For Models 85 III Thru 275 III Cummins Diesels.



(All Wires No. 14 Gauge Unless Otherwise Specified)
WIRING DIAGRAM — COCKPIT
 For Serial 6DG101 thru 6DG136

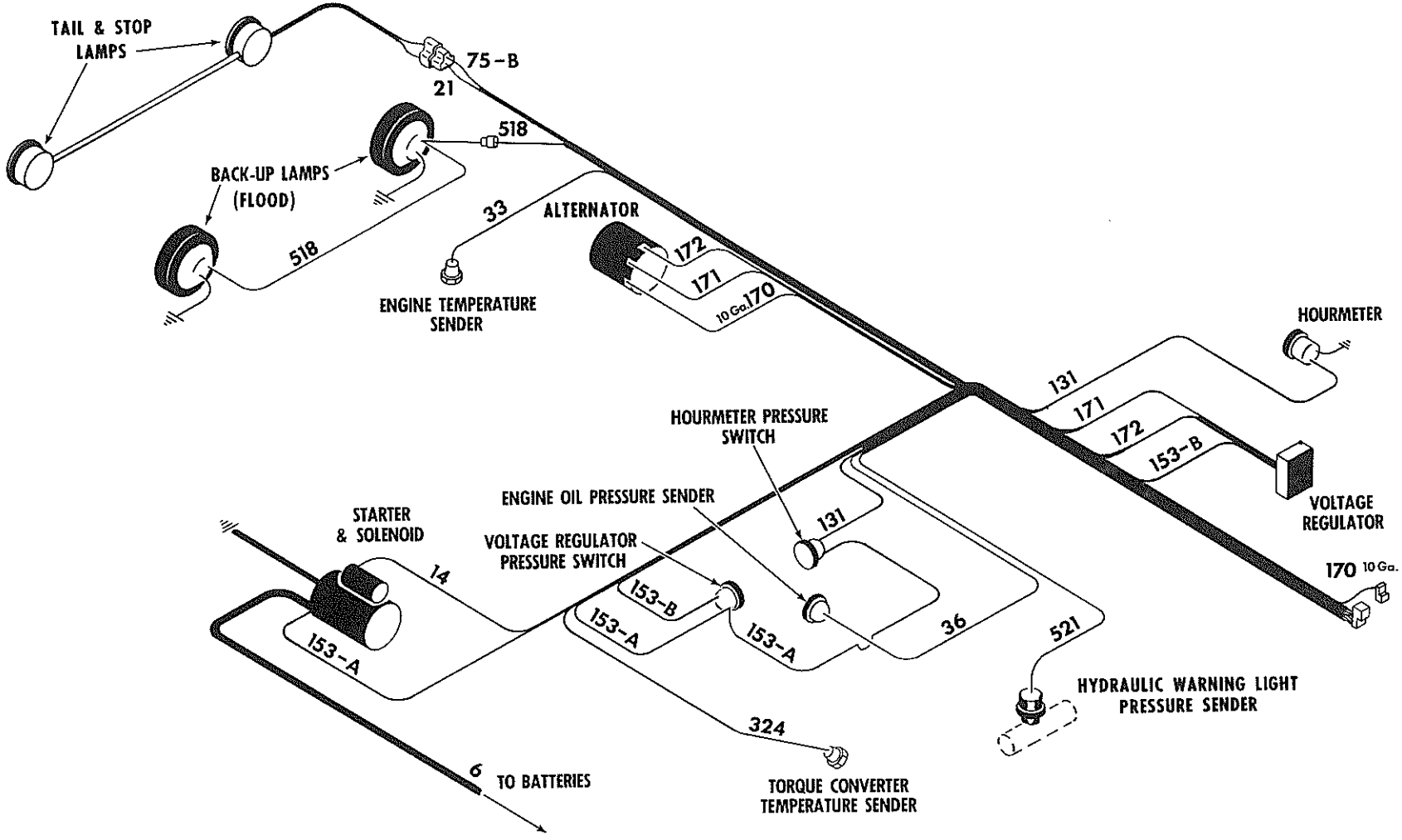
TS-6752-P

*NOTE: Wire No. 12 Used Only For Models 55 III & 75 III Waukesha Gas.
Wire No. 136 Used Only For Models 85 III Thru 275 III Cummins Diesels.



(All Wires No. 14 Gauge Unless Otherwise Specified.)
WIRING DIAGRAM – COCKPIT
For Serial 6DG137 and thereafter

TS-6669-P



(All Wires No.14 Gauge Unless Otherwise Specified)

WIRING DIAGRAM — ENGINE

TS-6670-P

NUMERICAL INDEX

Part No.	Page No.	Part No.	Page No.	Part No.	Page No.	Part No.	Page No.
1C-410	71	5G-606	79	18C-448	17	25K-40100	71
1C-416	71	5K-106	1	18C-516	50	25K-40104	29, 67
1C-510	51	5K-420	61	18C-528	46	25K-40108	61
1C-610	10, 43	6C-605	19, 82	18C-540	59	25K-40112	21, 29, 66
1C-612	33, 37, 61	6E-05	51	18C-612	4, 14, 30, 56	25K-40116	65
1C-614	21, 42	7D-06	19	18C-616	4, 12, 73	25K-40128	65
1C-616	25, 29	7E-08	29	18C-618	46	25K-40208	63
1C-624	51	8C-824	1	18C-620	7, 19	25K-40224	61
1C-628	29	8D-04	17	18C-624	79	25K-40316	21
1C-656	61	8D-05	17, 19, 48, 57, 76, 82	18C-628	17, 27, 55, 79	25K-40324	67
1C-720	21, 29, 33, 37, 61	8D-06	19, 29, 48, 49, 50, 55, 68	18C-648	63	25K-40408	66
1C-808	33, 37	8D-07	29, 61	18C-656	7	25K-40428	14, 30
1C-820	21, 29	8D-08	11, 69, 71	18C-672	7	25K-40512	29
1C-828	39	8D-10	53	18C-720	51, 53	25K-40524	21
1C-836	35	8D-24	7	18C-724	53	25K-40616	29
1C-920	35	8E-04	82	18C-812	9	25K-40624	30
1C-928	39	9E-06	62, 68	18C-816	3, 9	26F-3	53
1C-936	35	10F-02	51	18C-820	9, 65	26F-6	27
1C-1084	68	10H-25	2, 7, 37, 48, 49, 54, 63, 66, 67	18C-824	3, 4, 9, 10, 12	27F-3	15
1D-04	79	10H-35	48, 49, 55	18C-828	5, 11	29F-1	15, 65
1D-05	79	10J-06	22, 23	18C-832	1, 4, 5, 21	29F-2	27
1F-207	17	10J-08	71	18C-836	1, 11, 56	29F-4	65
1F-216	17	10J-09	61	18C-844	19	30H-14	80, 82
1F-308	17	10J-12	21, 24, 41	18C-856	2, 19	30H-16	80
1F-312	19, 46, 47, 50, 69	11F-04	33, 37	18C-864	1, 7, 19, 66, 71	30H-18	82
1F-316	17	11F-12	33, 37	18C-872	2, 7, 67	30H-20	80
1F-320	50	11H-15	63	18C-880	2, 7	30H-31	80
1F-332	56	12D-8	73, 75	18C-1244	14, 30	30H-36	80
1F-414	69	12D-10	9, 79	18C-1252	56	30H-38	80
1F-420	10	12E-6	73, 75, 82	18D-04	1, 4, 5, 17, 19, 56, 76, 82	30H-40	80
1F-424	29, 63	12E-8	65, 73, 75	18D-05	10, 17, 19, 46, 48, 50, 59, 82	30H-46	80
1F-428	21	12E-10	1, 27, 53, 73, 75	18D-06	4, 7, 12, 17, 19, 27, 46, 63, 73, 79	30H-48	80
1F-432	54	12F-204	37	18D-07	53	30H-50	80
1F-732	35, 39	12H-15	19, 69	18D-08	1, 2, 3, 4, 5, 7, 9, 10, 11, 12, 19, 21, 56, 65, 66, 69	30H-52	80
2D-06	35, 62	12H-25	7	18D-12	3, 7, 14, 30, 56	31F-1	53
2D-12	43	13F-04	53	18D-20	66	31F-3	53
2D-14	42	13F-08	53	18G-606	73, 75	31F-4	53
2E-06	35	13F-16	27, 29	18G-806	4, 5, 11	31F-5	27
2E-14	42	13F-20	29	18K-8	27	31F-6	27
2G-1012	3	14D-08	65	19F-1	53	31G-428	82
2J-4200	17	14D-10	1, 3, 27, 53, 73	19F-4	53	31H-36	81
2J-8300	69	15H-15	55	19F-5	15, 53	32F-5	65
3C-614	35, 39	16F-02	21	19F-6	53	32G-1008	79
3E-08	33, 37	16F-08	29	21F-1	1	33G-514	57
3G-608	82	17C-410	79	21K-7	59	33G-706	68
3G-1008	9, 17	17C-412	76	22F-4	61	36F-2	15
3G-1012	79	17C-416	79	23H-1008	42	36F-3	27
3G-1016	79	17C-514	53	24C-8136	69	36F-5	27
3H-1216	43	17C-516	12, 53	24C-12120	7	36F-10	27
4C-414	63	17C-548	53	24C-12192	3	38F-10	53
4C-616	66	17C-612	5	24C-16152	2	40K-02	24, 25, 29
4C-620	67	17C-616	5, 75	24C-16160	2	40K-04	21, 27, 65, 71
4C-714	29	17C-620	9, 12, 29	24K-7	59	40K-16	14, 30
4D-10	56	17C-636	46	24K-11	71	41G-1010	82
4E-04	71, 76, 79	17C-724	19, 65	25F-3	21	44G-418	3
4E-05	12, 49, 53, 76, 79	17C-820	10	25F-4	61	47D-05	57
4E-06	4, 5, 7, 9, 12, 14, 25, 29, 30, 33, 35, 37, 39, 42, 43, 46, 51, 55, 56, 61, 75	17C-824	33, 37, 65	25F-6	27	47G-412	79
4E-07	21, 29, 51, 53, 61, 65	17C-828	33, 37	25K-20007	71	47K-3	62
4E-08	3, 9, 10, 35, 39, 65, 71	17C-1228	21, 37	25K-20016	71	49F-3	15
4E-09	35, 39	17D-6	3, 9	25K-20018	57	50D-10	79, 89
4E-12	21, 37, 43	17E-10	3, 79	25K-30016	21	62F-3	53
4F-04051	17	17F-4	53	25K-30018	25	62F-5	15
4F-05062	19	17F-5	59	25K-30020	24	63G-1008	79
4F-06106	19, 46, 69	17K-8	27	25K-30022	24	64D-02	33, 37
4F-08127	69	17K-10	65	25K-30128	68	64D-10	33
5C-718	21, 24	18C-412	4, 5, 17, 19, 76, 82			65G-406	60, 82
5E-06	21	18C-416	17			66D-06	19, 50
5E-08	21	18C-424	1, 12			66D-08	71
						66G-1008	79
						67D-20	67



CONSTRUCTION MACHINERY DIVISION



Part No.	Page No.	Part No.	Page No.	Part No.	Page No.	Part No.	Page No.
68D-08	67	106306	37	114173	42	214988	29
68D-16	2	106313	37	114433	33, 37	215142	21
70D-08	1	106316	37	114449	41	215143	21
70D-12	14, 30	106317	37	114450	41	215144	21
71D-08	1	106318	37	114453	33	215145	21
71D-12	14, 30	106349	41	116419	33, 37	215146	21
72F-4	53	106350	41	116646	35, 39	215147	24
73F-2	11	106351	41	116949	42	215149	21
76G-512	79	106352	41	117022	35, 39	215150	21
79G-1010	79	106358	24	117150	42	215152	21
81F-3	59	106373	43	117218	39	215154	21
81F-4	59	106455	33	117220	37	215155	21
83F-8	27	106545	37	117223	37	215156	21
83F-10	65	106546	37	117242	37	215157	21
84F-8	27	106547	37	117558	43	215158	21
89F-7	59	106549	43	118254	43	215162	21
91F-6	27, 57, 59	106656	33, 37	118267	42	215163	21
91F-7	59	106744	37	118350	33	215164	21
91F-8	27, 59, 65	106762	33, 37	118474	35, 39	215166	21, 23
91F-10	65	106880	33, 37	118475	35, 39	215169	24
91F-11	59, 71	106969	43	118499	35, 39	215176	22, 23
91F-13	65	106970	43	118508	35	215177	22, 23
100864	43	106998	33	118509	39	215178	22, 23
100867	42, 43	107014	44	118512	35	215179	22, 23
100872	43	107089	37	118513	39	215180	22
100878	43	107256	33, 37	131599	33	215182	22
100941	35, 39	107261	35	131600	37	215183	22, 23
100970	33, 37	107608	37	139149	79	215184	23
101144	35	107646	37	142396	9	215188	23
101196	35, 39	108301	71	201566	21	215189	23
101210	35, 39	108877	37	201951	21, 29	215190	22, 23
101244	35, 39	109050	33, 37	206864	21, 29	215191	21
101250	39	109055	33	207647	29	215194	24
101252	35, 39	109088	41	207873	21, 29	215196	24
101253	39	109340	37	208805	44	215197	24
101254	35, 39	109624	37	209313	29	215198	21
101256	39	109886	37	209412	21	215199	24
101257	35, 39	109887	37	211433	21, 27, 29	215200	24
101258	35, 39	110843	35	214295	21	215205	21
101259	35, 39	110847	35	214596	29	215264	29
101261	39	110897	35, 39	214730	29	215502	27
101262	35, 39	111125	37	214922	29	215551	21
101263	35, 39	111126	37	214924	29	215663	22
101274	33, 37	111127	37	214925	29	215757	21
101332	43	111656	37	214928	29	215909	29
102322	43	111658	35, 37, 39	214929	29	217952	21
102745	21, 29	111708	37	214930	29	219370	21
103076	33, 37	111805	37	214931	29	219373	21
103445	33, 37	112055	33	214932	29	220363	24
103522	33, 37	112060	42	214933	29	220725	21, 29
104167	35, 39	112062	42	214934	29	220965	45
104168	35, 39	112068	42	214935	29	220968	45
104226	35, 39	112069	42	214936	29	220969	45
104412	33, 37	112070	42	214937	29	220981	25
106059	33, 37	112072	44	214938	29	220982	25
106060	33	112073	33	214939	29	220983	25
106216	43	112077	33	214940	21, 29	221653	29
106247	33	112078	33	214941	29	222006	29
106266	40	112084	35	214945	29	222079	29
106267	40	112085	33	214946	25, 29	222312	29
106276	37	112086	33	214949	29	222318	29
106281	37	112158	37	214951	29	223085	22, 23
106282	37	112175	40	214953	29	223833	29
106283	37	112278	33, 37	214954	29	223901	29
106284	37	112286	33, 37	214955	29	224009	29
106285	37	112287	33, 37	214956	29	224026	29
106286	37	112439	45	214957	29	224039	29
106287	37	112460	77	214958	29	224315	24
106290	37	112461	77	214959	29	224771	22, 23
106291	37	112462	77	214961	29, 62	224772	22, 23
106296	37	112923	37	214962	68	224774	22, 23
106297	37	114089	33, 37	214969	25	224795	29
106298	37	114169	43	214985	21	225075	21, 24



CONSTRUCTION MACHINERY DIVISION



Part No.	Page No.	Part No.	Page No.	Part No.	Page No.	Part No.	Page No.
225076	22, 23	532948	63	550044	56	562141	73, 75
225077	22, 23	533482	80	550081	66	562144	55
225079	21	533478	65	550301	10	562224	19
225603	21	533814	53	550318	33	562227	19
225824	21	534894	59	550320	37, 53	562302	82
227265	27, 29	535003	17	550325	53	562443	56
227874	24	535049	53	550334	53	562444	50
227952	23	535050	53	550619	17	562529	67
228190	27	535625	59	550646	19, 69	562530	67
228494	21	536100	2	550735	73, 75	562536	67
228931	24	536539	57	550741	73, 75	562543	67
228943	21	536575	27	550742	73, 75	562544	67
228961	21	536582	82	550743	73, 75	562564	63
229047	24	536710	65	551016	17	562565	63
281161	29	536749	59	551090	17	562572	63
281986	21	538065	63	551242	79	562600	81
351131	17	538234	80	551251	82	562605	19
351495	11	538256	82	551321	73, 75	562606	19
356612	51	538585	2	551322	73, 75	562607	19
356616	53	538697	63	551323	1, 27	562608	19
362653	27	539042	12	551347	2	562641	3
420945	12	540103	12	551348	2	562662	7
424964	77	540106	65	551433	9	562663	7
427237	73, 75	540108	11	551684	77	562664	7
450072	29	540127	59	551685	77	562694	48
450185	62	540130	65	551765	7	562700	66
498113	62	540266	11	551906	29, 62, 68	562701	66
498203	62	540306	53	552350	53	563753	19
498204	62	540664	53	552946	73, 75	563785	65
498211	62	540882	79	553405	73, 75	563786	53
498223	62	541880	40	553843	27	563787	53
507695	71	541988	79	553956	77	563788	65
507815	53	542031	7	556323	9	563789	65
509303	12	542074	82	556411	19	563790	65
509320	3, 9	542626	27	556413	19	563791	65
509445	77	542631	7	556422	19	563792	65
509711	12	542813	59, 65	556424	19	563798	65
509772	19, 69	543531	12	556562	50	563801	65
510452	53	543573	12	556574	3	563805	65
513122	56	544512	46	556655	14	563808	65
514921	7	544891	67	556693	46	563809	65
515069	79	544892	67	556960	2	563810	65
515424	12	544893	67	557030	19	563881	3
515425	12	544998	47	557032	19	563889	11
517089	59	545005	46	557034	19	563903	15
517228	73, 75	545006	46	557057	4, 5	563928	9
517963	77	545528	53	557117	7	563929	9
518259	50	545941	56	557246	19	563978	53
518331	60	545957	77	557455	10	563980	9
518624	1	546535	82	557458	10	563981	9
519275	59	546687	10	557461	82	563994	9
523325	63	546803	27	557465	79	564003	11
523372	73, 75	546810	27	557847	9	564005	11
523461	40	547006	79	557848	9	564006	11
523467	40	547172	79	557997	56	564011	3
523786	53	547237	73, 75	558570	59	564087	59
525293	14, 30	547529	3, 9	558574	69	564107	59
525659	49	547585	12	558673	73, 75	564121	54
526414	63	547794	82	558674	82	564126	2
526415	63	547836	67	558777	10	564129	2
526419	63	547851	82	558779	10	564140	2
526420	63	547852	82	558814	71	564175	30
526422	63	547868	67	558952	82	564268	69
526423	63	547869	67	558957	76	564271	69
526424	63	547870	67	558960	82	564384	82
526676	27, 59, 65	548074	60, 82	560517	82	565430	73
526847	27	548574	66	560650	79	566458	4
526879	51	548575	66	560651	79	566502	82
527095	12	548577	66	562008	82	566589	60
527096	12	548578	66	562010	82	566649	4, 5
531613	66	549024	73, 75	562075	61	566764	9
531792	15	549580	19	562112	65	566849	3
532253	77	549988	2	562118	31	567613	30



CONSTRUCTION MACHINERY DIVISION



Part No.	Page No.	Part No.	Page No.	Part No.	Page No.	Part No.	Page No.
567847	15	573551	7	602350	73, 75	713418	63
567864	14	573587	73, 75	609733	53	730143	61
567945	19	574026	5	610236	15	730432	9
567946	19	574117	75	611074	73, 75	742002	29
567947	19, 82	574261	80	613750	44, 53, 71	742056	29
567977	19, 82	574270	81	616783	79	743035	29
568391	12	574276	73, 75	616792	1	743439	29
568462	82	574439	53	616795	19	743816	67
568482	7	574442	65	616796	19	774337	17
568483	7	574729	82	616798	4, 5	778570	76
568652	79	574730	82	616813	14, 30	784075	60
568654	79	574992	79	616848	22, 23	784398	59
568669	79	580274	77	619018	79	784559	71
568670	79	580278	77	619019	10, 47	784870	82
568675	79	581978	19	619023	29	785904	79
568686	79	581979	19	619024	4, 47, 73	799044	82
568687	79	584092	3	619025	29	799408	33
568700	79	584501	11	619029	1, 3, 4, 5, 9, 10, 12, 21	799584	57
568785	59	584502	11	620235	44	799595	23
568803	19	585007	2	620238	44, 53	801546	29
568806	12	585500	19	623760	17	815170	35
568828	4, 5	585596	19	623762	17	815369	39
568829	4, 5	585597	19	623829	17	815736	35, 39
568830	4, 5	585950	11	626530	73, 75	815745	35, 39
568967	82	587250	67	630292	82	850756	61
568968	82	587613	14	633242	53	851756	61
568969	82	587832	7	636260	1, 53	851762	61
569055	69	587900	7	645092	46	851770	61
569331	82	587901	7	645095	47	851771	42, 43
569352	17	587908	7	648304	60	853182	61
569354	68	587950	66	654144	35, 39	853187	61
569389	82	587951	66	654613	22, 23	853357	61
569425	30	587955	66	655629	82	853380	61
569451	82	587960	2	656532	59	853384	60
569506	65	588021	4, 5	656672	5, 12, 75	853391	61
569692	79	588399	65	658016	22	853394	60
569694	79	589023	7	658244	29	853395	60
569696	79	589186	30	658985	33	853396	61
569759	30	589200	14	658988	35, 39	853408	61
569912	5	589367	27	659065	21, 22, 23, 29	853412	61
569914	14	589411	19	660178	25	853464	61
569927	30	589419	65	660738	12	857420	73, 75
570108	7	589422	65	661416	40	857729	60
570110	7	589426	53	661707	65	857933	51
570210	7	589427	53	662691	54	858305	51
570211	7	589428	53	663094	65	860997	61
570230	7	589429	53	663095	65	861356	44
570499	11	589476	27	663792	57	861738	61
570846	7	589477	27	664421	4, 5	861741	61
570850	7	589487	59	664428	7	861755	61
570864	2	589488	59	666542	29	861768	60
570935	1	589571	79	666559	22, 23	862652	47
570938	1	589573	21	667275	35, 39	862653	47
571021	73, 75	589574	59	667276	35, 39	862655	47
571022	2	589791	12	667277	37, 39	862656	47
571100	82	589811	61	667278	35, 39	862738	47
571111	17	589826	12	667466	35, 39	865961	54
571112	17	589852	12	668553	37	865963	54
571176	65	589891	48	672004	37	865965	54
571207	65	589906	19	672005	37	866348	47
571645	9	589908	60	672181	33	866349	47
571646	9	589909	60	672182	33	868214	55
572141	7	589912	50	672313	82	868215	55
572142	7	589991	4	675258	37	872712	45
572174	17	589992	73	675261	37	873250	61
572394	82	590499	3	675544	21	874007	53
572556	17	591516	66	675548	21	874121	60
572708	69	591517	66	675739	82	874767	79
572729	5, 75	591525	66	690279	27	875012	53
572731	59	592784	53	692722	44, 53	875766	50
573422	65	593370	53	710776	42	875767	50
573423	65	600259	73, 75	711298	29	876354	68
573548	73, 75	601212	73, 75	713186	29	876574	73, 75



CONSTRUCTION MACHINERY DIVISION



Part No.	Page No.	Part No.	Page No.	Part No.	Page No.	Part No.	Page No.
876575	54	944053	61	945041	51	946115	79
879768	67	944054	47	945042	51	946163	47
883734	57	944111	49	945043	51	946360	71
885083	76	944217	43	945044	51	946361	71
886285	13	944467	57	945046	45	946362	71
886287	13	944468	57	945051	45	946363	71
886288	13	944469	57	945084	45	946364	71
886619	82	944471	57	945090	71	946365	71
886739	71	944499	10	945095	71	946367	71
886745	71	944643	57	945100	43	946368	71
886753	71	944645	57	945118	63	946369	71
886763	71	944646	57	945129	33	946370	71
886886	37	944803	73, 75	945256	48	946392	68
888449	71	944804	73, 75	945348	71	946393	68
891308	82	944853	71	945374	21, 22, 23	946394	68
893293	71	944861	48, 49	945460	11	946395	68
893294	71	944862	48, 49	945554	79	946396	68
893296	71	944863	48	945555	79	946397	68
893298	71	944866	48	945576	79	946398	68
894652	13	944878	71	945577	79	946399	68
894653	13	944879	71	945614	42	946400	68
940081	48	944881	71	945621	42	946401	68
940089	48, 49	944882	71	945805	71	952018	61
940090	48, 49	944883	71	945816	71	955321	51
940091	49	944885	71	945903	79	955323	51
940092	48, 49	944890	71	945950	66	955326	51
940093	49	944894	71	945951	67	956622	44
940111	61	944895	71	946020	55	956664	44
940130	44	944896	71	946021	55	957995	44
940643	1, 53	944897	71	946023	55	958553	43, 44
940653	48	944900	71	946026	61	1010736	3
940654	48	944907	3, 9	946027	61	1103680	3
941226	47	944954	13	946029	71	1308105	71
941227	47	944955	13	946030	71	1301194	71
941238	47	944966	44	946032	71	1301361	17
941325	77	944967	44	946033	71	1301362	19
941326	77	944968	47	946056	31	1303459	31
941329	77	944969	47	946057	31	1520061	59
942405	45	944977	79	946058	31	1520190	17
942646	53	944981	10	946060	31	1520193	17
942658	48	945026	51	946062	31	1520271	77
942746	3	945029	51	946102	55	1520495	82
942874	79	945034	51	946103	55	1521218	66
943429	61	945035	51	946105	31	1521241	67
943623	79	945036	51	946106	31	1521844	79
943667	61	945037	51	946108	31	1521846	79
943859	42, 43	945038	51	946109	48	1612583	4, 5
943957	14	945039	51	946110	48	1621888	1
944052	61	945040	51	946111	48	1632441	13

NOTES



NOTES

A series of horizontal lines for writing notes, spanning the width of the page.



Model 85 III Tractor Shovel