



Groundsmaster 325D 4WD

Traction Unit & Accessories

Model No. 30795 – 200000001 and Up

Parts Catalog

Ordering Replacement Parts

To order replacement parts, please supply: the part number, the quantity, and the description of each part desired.

Understanding Reference Numbers

Each identified part in an illustration has a reference number. The reference number for a part also appears in the parts list, along with other information about the part.

This catalog uses two special reference number formats, one to indicate parts in a service assembly and another to indicate the quantity of a given part in an illustration.

Service Assembly Reference Numbers

Parts in service assemblies have reference numbers in the form **a:b**. The **a** represents the reference number of the entire service assembly and the **b** represents a sequential number unique to each part within the service assembly.

For example, a wheel assembly might be identified by reference number **6**, the tire by **6:1**, the valve by **6:2**, and the wheel by **6:3**. When you order the assembly identified by reference number **6**, you receive all parts identified by reference numbers **6:1**, **6:2**, and **6:3**. However, you may also order any part individually.

Reference numbers of this type appear in illustrations and in part lists.

Reference Numbers Indicating Quantity

In an illustration, if a reference number indicates more than one part, the reference number has the form **nX y**. The **n** represents the quantity of the part, the **X** is the multiplication symbol, and the **y** represents the reference number.

For example, in an illustration, the reference number **2X 37** means that two of the parts identified by reference number **37** are indicated.

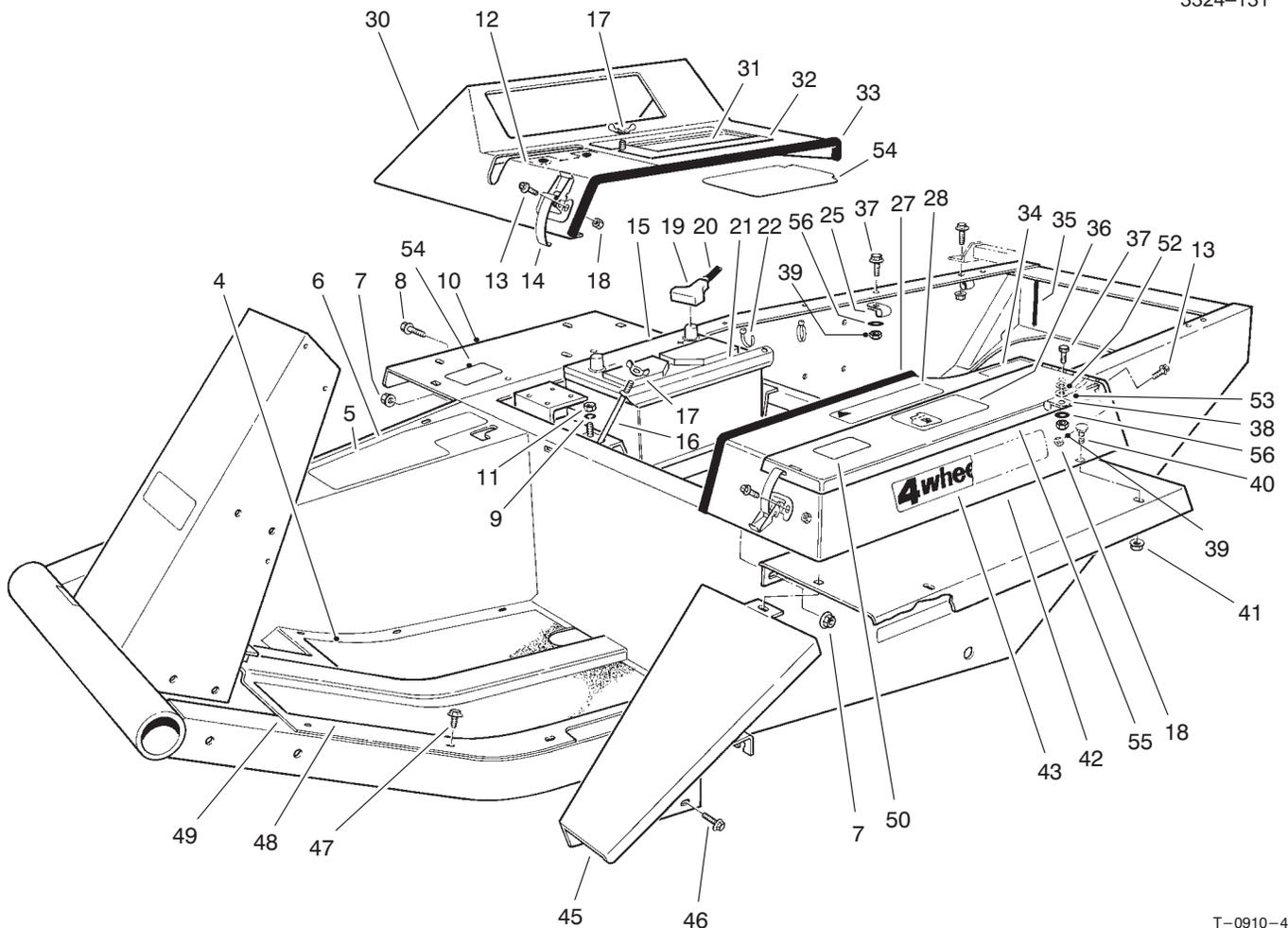
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Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

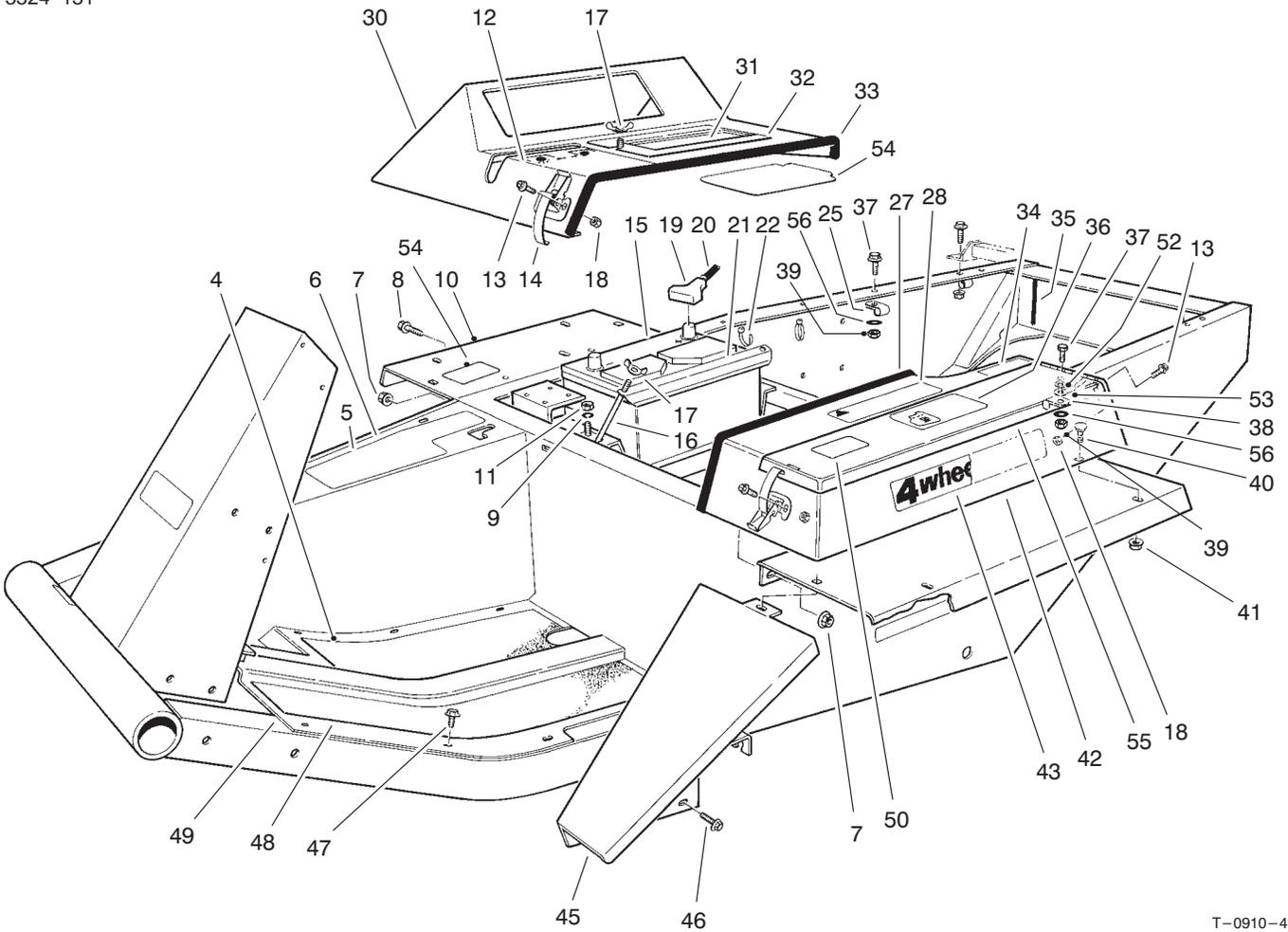
Abbreviation	Meaning	Abbreviation	Meaning
AR	as required	INC	incorporated
ASM	assembly	LH	left hand
CARR	carriage	NI	nylon insert
DEG	degrees	PPH	Phillips pan head
FH	flat head	PTH	Phillips truss head
GA	gauge	PTO	power take off
HF	hex flange	RH	right hand
HH	hex head	SFH	slotted fillister head
HHF	hex head flange	SHH	slotted hex head
HLH	hex lag head	SQH	square head
HJ	hex jam	SHWH	slotted hex washer head
HOC	height-of-cut	SPH	slotted pan head
HS	hex socket	SRH	slotted round head
HSBH	hex socket button head	STD	standard
HSFH	hex socket flat head	TAP	self tapping
HSH	hex socket head	TTH	Torx truss head
HWH	hex washer head	WH	wing head
HWHTF	hex washer head thread forming		



T-0910-4

Main Frame Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
4	21-2770	1	Pad-Foot Rest, R.H.	28	67-1710	1	Decal-Caution
5	66-6390	1	Decal-Caution	30	38-4550	1	Cover-Instruments
6	21-2660	1	Footrest	31	92-7802	1	Decal-Instructions, Start.
7	32128-21	2	Nut-Lock, Flange	32	92-7800	1	Cover-Access, Battery (Incl. Ref. #31 & 54)
8	3234-12	4	Screw-HHF	33	39-8020	1	Trim-Cover, Instruments
9	3253-4	2	Washer-Lock	34	52-1321	1	Decal-Fuel, Diesel
10	72-3690	2	Fender	35	43-4300	2	Trim-Frame, Rear
11	3217-6	2	Nut	36	27-7310	1	Decal-Refueling
12	27-7290	1	Decal-Power Take Off	37	322-6	2	Screw-HH
13	3290-144	9	Screw-HH	38	98-3883	1	Clamp
14	249-21	3	Clamp-Hook	39	3296-29	2	Nut-Lock
15	63-9230	1	Battery-Type MF214-78	40	3229-1	5	Bolt-Carriage
16	24-6390	2	Stud-Battery Hold Down	41	32128-33	5	Nut-Lock, Flange
17	32103-2	3	Nut-Wing	42	93-3183	1	Tool Box (Incl. Ref. #28)
18	3296-2	9	Nut-Lock	43	72-3560	2	Decal-4 WD
19	28-1280	1	Boot-Cable	45	68-8610	1	Fender-Extension
20	70-1180	1	Cable-Battery, Positive (Incl. Ref.#19)	46	3234-14	2	Screw-HH
21	24-6420	1	Hold Down-Battery	47	32144-10	11	Screw-TAP
22	3290-378	2	Tie-Cable	48	21-2760	1	Pad-Foot Rest L.H.
24	3290-357	4	Nut-Lock, Flange	49	88-0070	1	Plate-Floor
25	2412-4	3	Clamp	50	72-3700	2	Decal-Caution
26	3234-11	4	Screw-HFH				
27	37-9650	1	Trim				

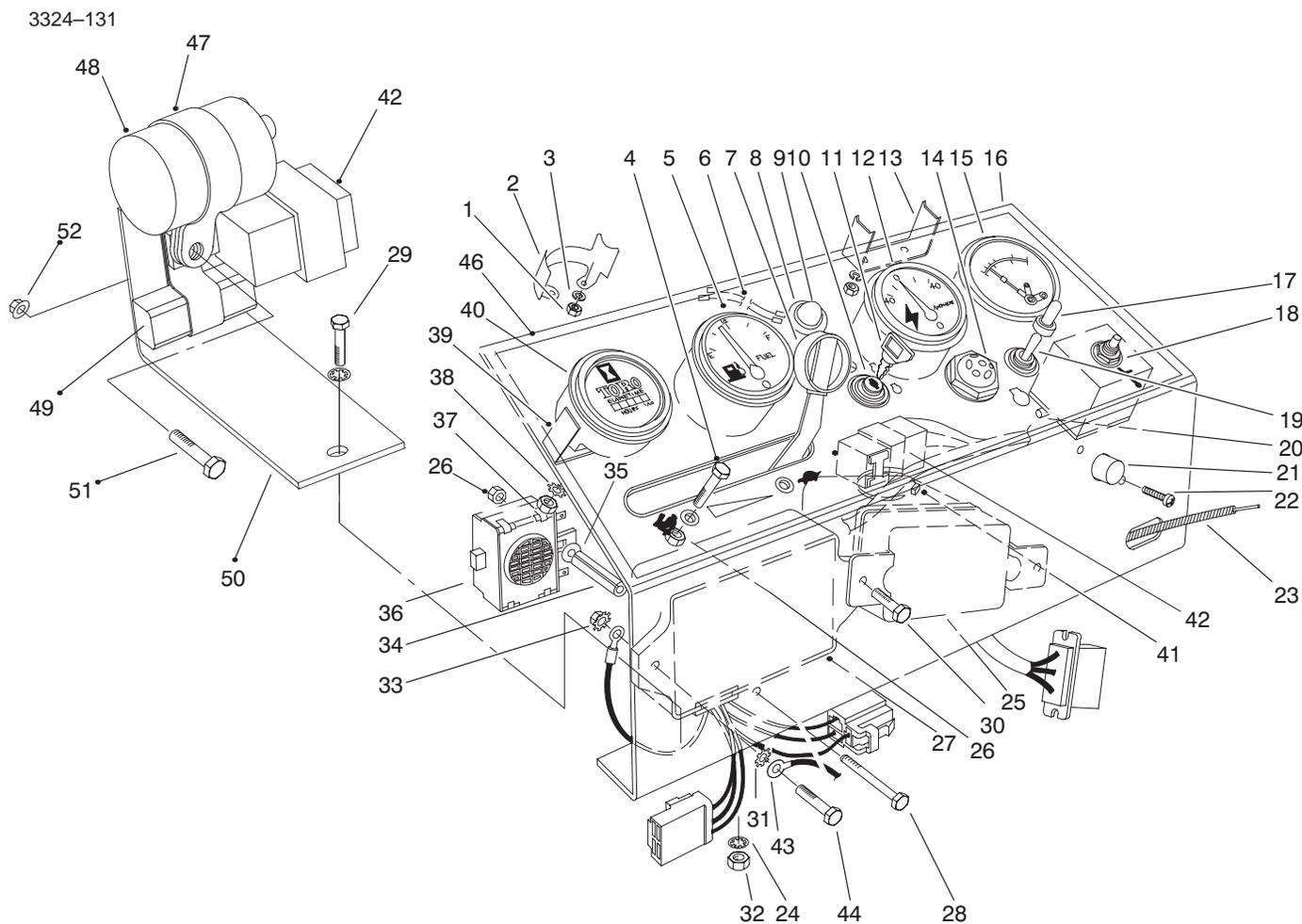


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Main Frame Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
52	3254-2	1	Washer-Lock, Int. Tooth
53	18-2770	1	Cable-Ground
54	92-7801	2	Shield-Battery Cover
55	93-3185	1	Cover (Incl. Ref. #36 & 50)
56	3256-23	2	Washer-Flat

Ref. No.	Part No.	Qty.	Description



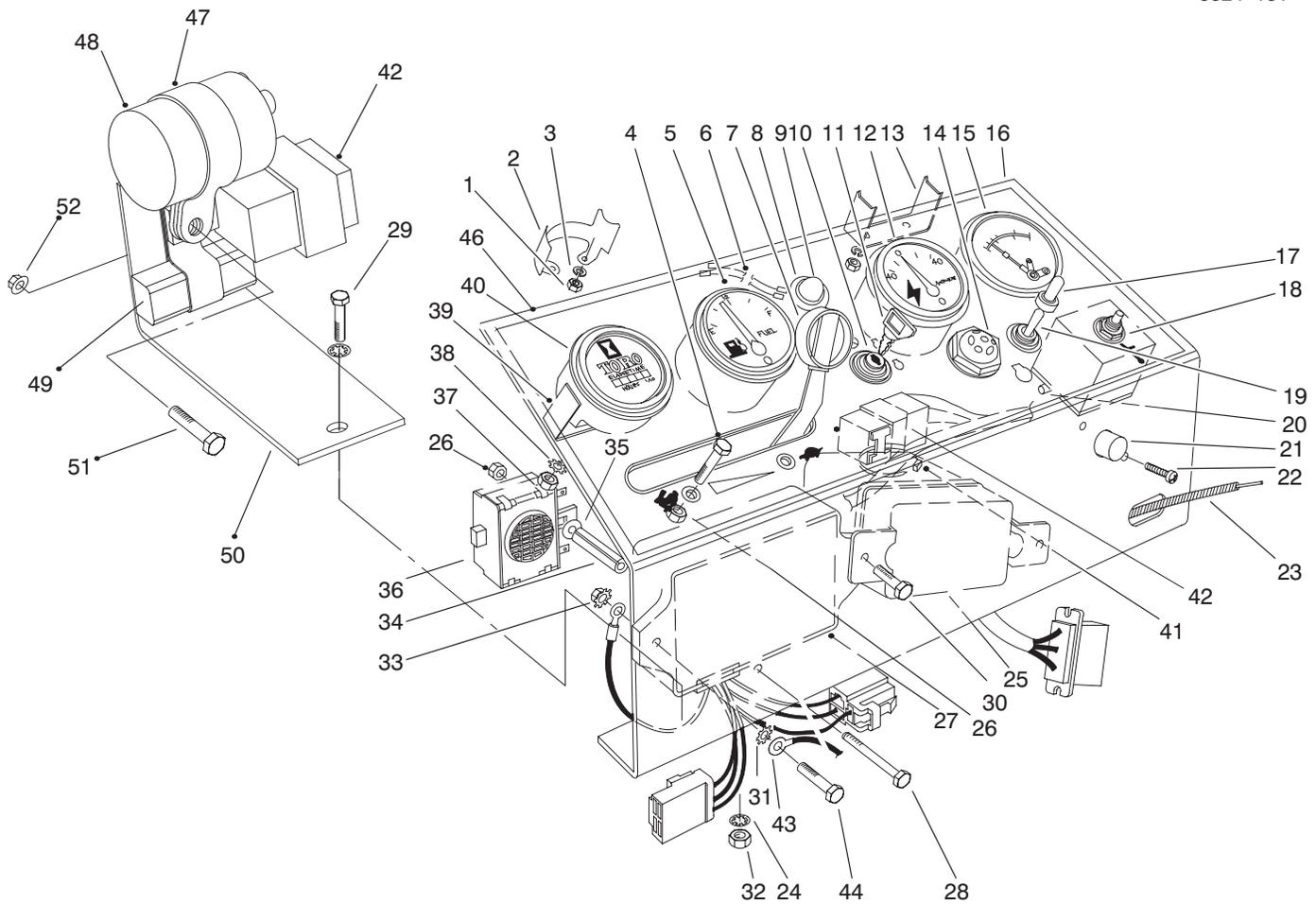
T-0408-5

Instrument Panel Assembly

Ref. No.	Part No.	Qty.	Description
1	3219-14	6	Nut
2	38-1670	2	Clamp Mounting
3	3253-17	6	Washer-Lock
4	3290-134	2	Screw-Hex. Hd. Mach.
5	38-1650	1	Fuel Gauge
6	44-2220	1	Wire Lead
7	233-35	2	Knob
8	44-2210	1	Warning Light (Incl. Ref. #9)
9	218-533	1	Lens
10	99-2319	1	Key Switch (Incl. Ref. #11)
11	63-8360	1	Key
12	38-1660	1	Ammeter (Incl. Ref. #1-3)
13	218-539	1	Clamp
14	42-9190	1	Glow Lamp
15	26-6750	1	Engine Temperature Gauge (Incl. Ref. #1, 3, & 13)
16	43-3970	1	Panel-Instrument
17	218-473	1	Toggle Switch Boot
18	26-6740	1	Temperature Reset Relay
19	6-1659	1	Toggle Switch

Ref. No.	Part No.	Qty.	Description
			(Incl. Ref. #17)
†20		1	Fuse-Temp. Relay 14 Amp. SFE
21	43-4000	1	Circuit Breaker
22	3250-17	2	Screw-PH
23	43-3990	1	Throttle Control (Incl. Ref. #7)
24	3254-2	6	Washer-Lock, Int. Tooth
25	43-0410	1	Asm-Regulator
26	3296-12	3	Nut-Lock
27	43-1880	1	Asm-Control Unit
28	3290-424	1	Screw-Hex. Hd. Mach.
29	322-5	2	Screw-HH
30	321-4	2	Screw-HH
31	3255-7	3	Washer-Lock, Ext. Tooth
32	3217-6	2	Nut-Hex
33	32149-2	3	Nut-Lock
34	43-3820	1	Spacer
35	3256-14	1	Washer-Flat
36	22-7820	1	Asm-Buzzer
37	3217-25	1	Nut
38	3255-20	1	Washer-Lock
39		1	Bracket-Mounting

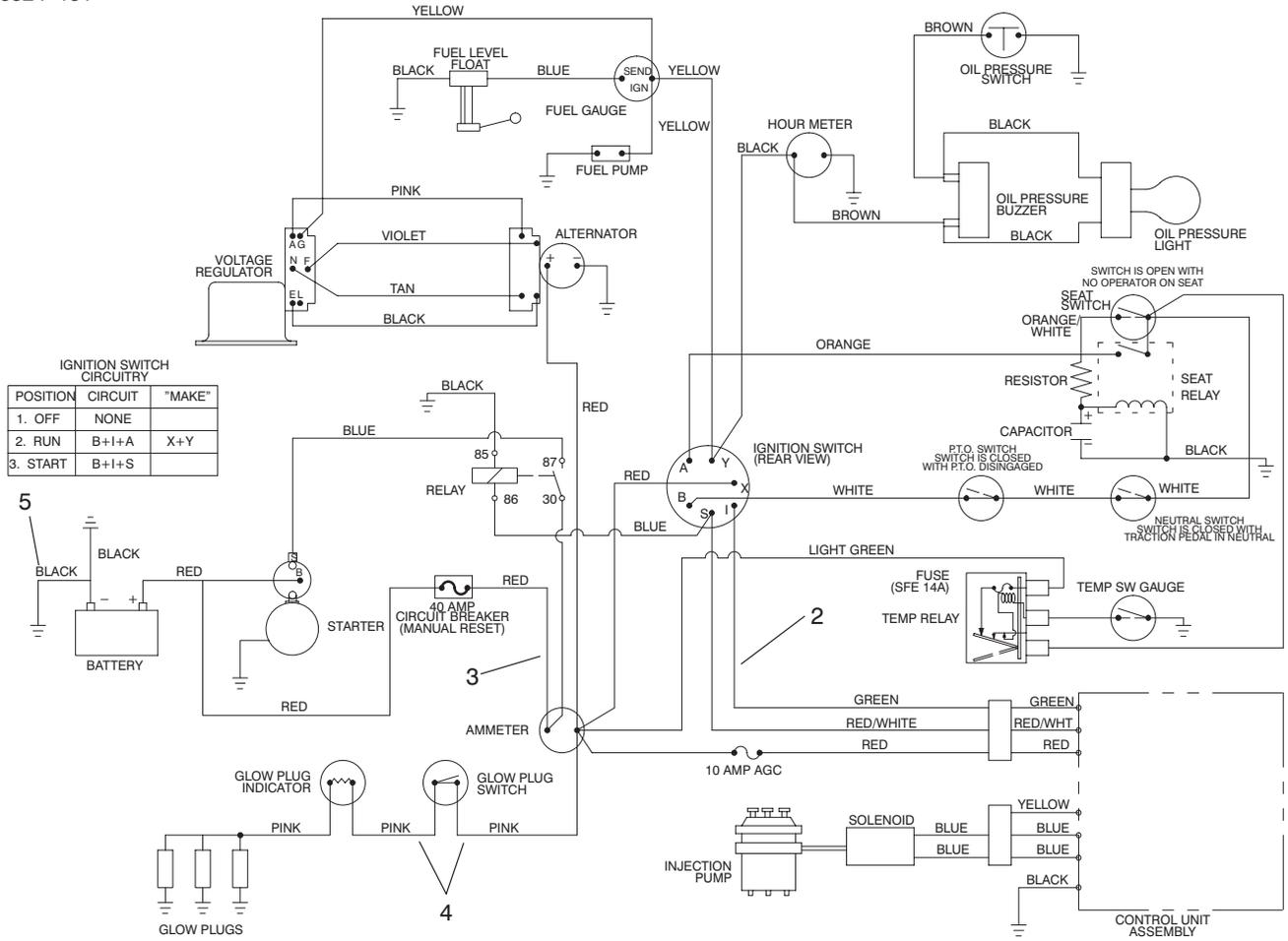
†Obtain Locally



T-0408-5

Instrument Panel Assembly (Continued)

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
40	66-2950	1	Hour Meter (Incl. Ref. #37-39)				
41	3290-379	1	Cable Tie				
42	70-1480	2	Relay				
43	70-1190	1	Cable-Ground				
44	321-6	1	Screw-HH				
46	43-3980	1	Decal-Panel, Instrument				
47	2412-74	1	Clamp				
48	37-2690	1	Capacitor				
49	38-2860	1	Resistor				
50	100-6560	1	Bracket-Capacitor				
51	3234-4	1	Screw				
52	32128-33	1	Nut				

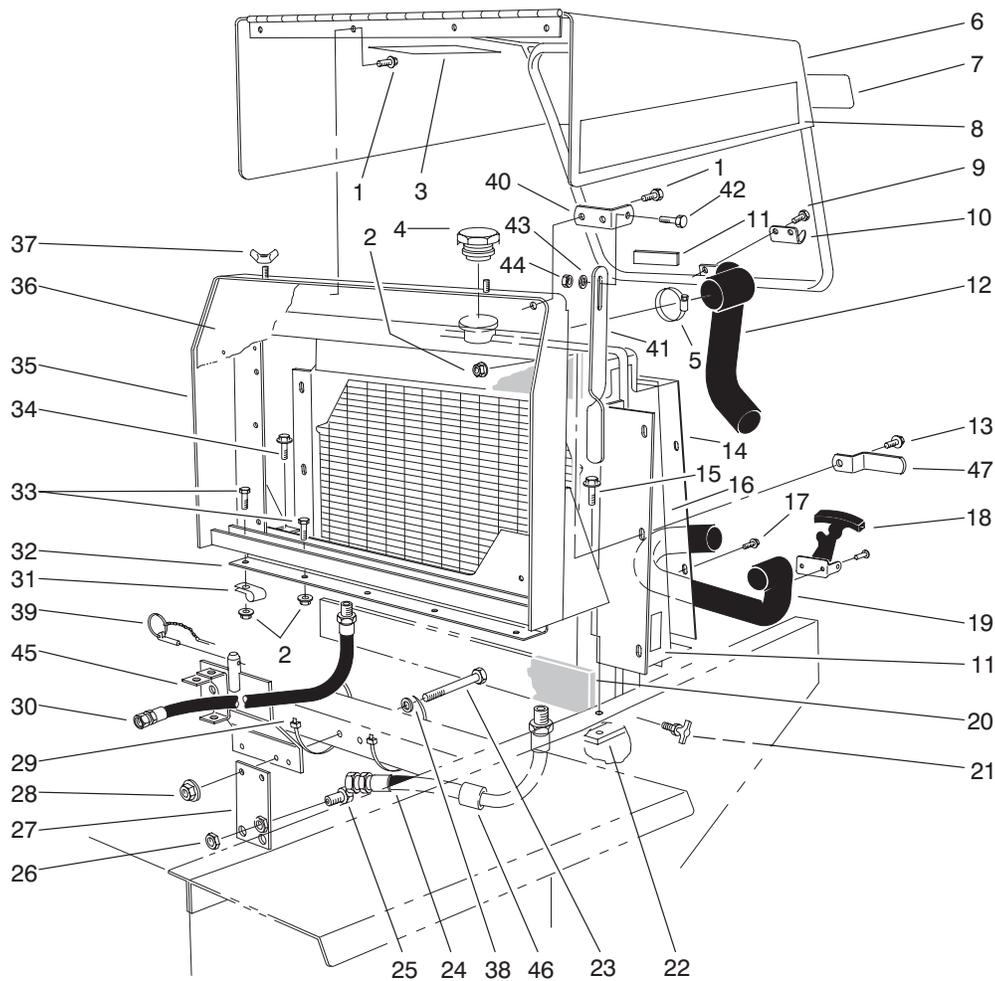


T-0409-5

Electrical Schematic

Ref. No.	Part No.	Qty.	Description
2	100-9978	1	Asm-Wire Harness
3	43-4040	1	Asm-Wire
4	43-4010	2	Asm-Wire
5	70-1190	1	Ground Cable

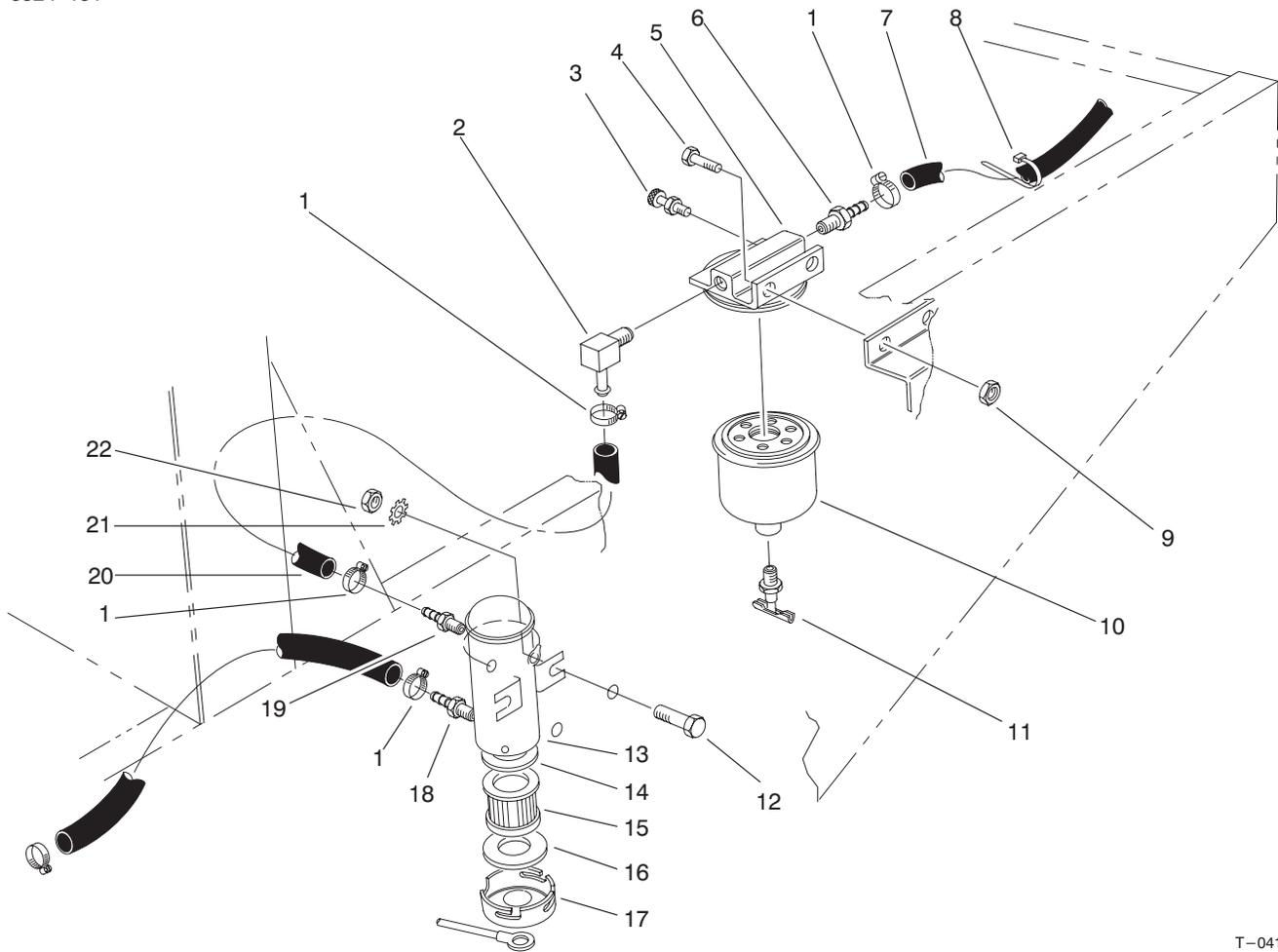
Ref. No.	Part No.	Qty.	Description



T-0410-4

Radiator & Hood Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	32144-10	5	Screw-TAP	26	340-70	2	Nut-Lock, Bulkhead
2	32128-20	11	Nut-HHF	27	68-9160	1	Bracket
3	82-8970	1	Decal-Engine Coolant	28	32128-21	3	Nut-HFH
4	66-3240	1	Asm-Radiator Cap	29	3290-379	4	Cable Tie
5	2412-3	4	Hose Clamp	30	63-8960	1	Asm-Hose (Valve to Cooler)
6	14-8459	1	Hood	31	2412-39	1	Clamp
7	66-6140	1	Decal-Toro	32	43-3340	1	Grille-Sealing Plate
8	93-3188	2	Decal-325D	33	322-6	1	Screw-HH
9	3290-271	4	Rivet	34	11-0590	2	Screw-TAP
10	249-40	1	Keeper	35	88-1820	1	Radiator Support
11	77-3100	3	Decal-Warning	36	67-9030	1	Grille
12	43-3350	1	Hose-Upper, Radiator	37	32103-2	2	Nut-Wing
13	3234-14	11	Screw-HFH	38	5-0838	3	Washer-Flat
14	43-3330	1	Radiator Shroud	39	283-76	1	Pin-Lynch
15	3234-1	2	Screw-HFH	40	84-5330	1	Bracket-Hood Prop
16	33-2570	1	Asm-Radiator	41	84-5380	1	Strap-Hood Prop
17	32104-116	8	Screw-TAP	42	321-6	1	Screw-HH
18	249-39	1	Flexible Draw Latch	43	3256-22	1	Washer-Flat
19	43-7020	1	Hose-Lower, Radiator	44	3296-16	1	Nut-Lock
20	43-3320	2	Foam-Radiator	45	86-9410	1	Support-Seat
21	304-46	1	Drain Cock	46	38-3400	1	Guard-Rubber
22	38-4600	1	Bar-Frame L.H.	47	86-7060	1	Bracket-Hood Hold Down
23	323-14	3	Screw-HH				
24	63-9010	1	Asm-Hose (Cooler to Pump)				
25	340-71	2	Union-Bulkhead				



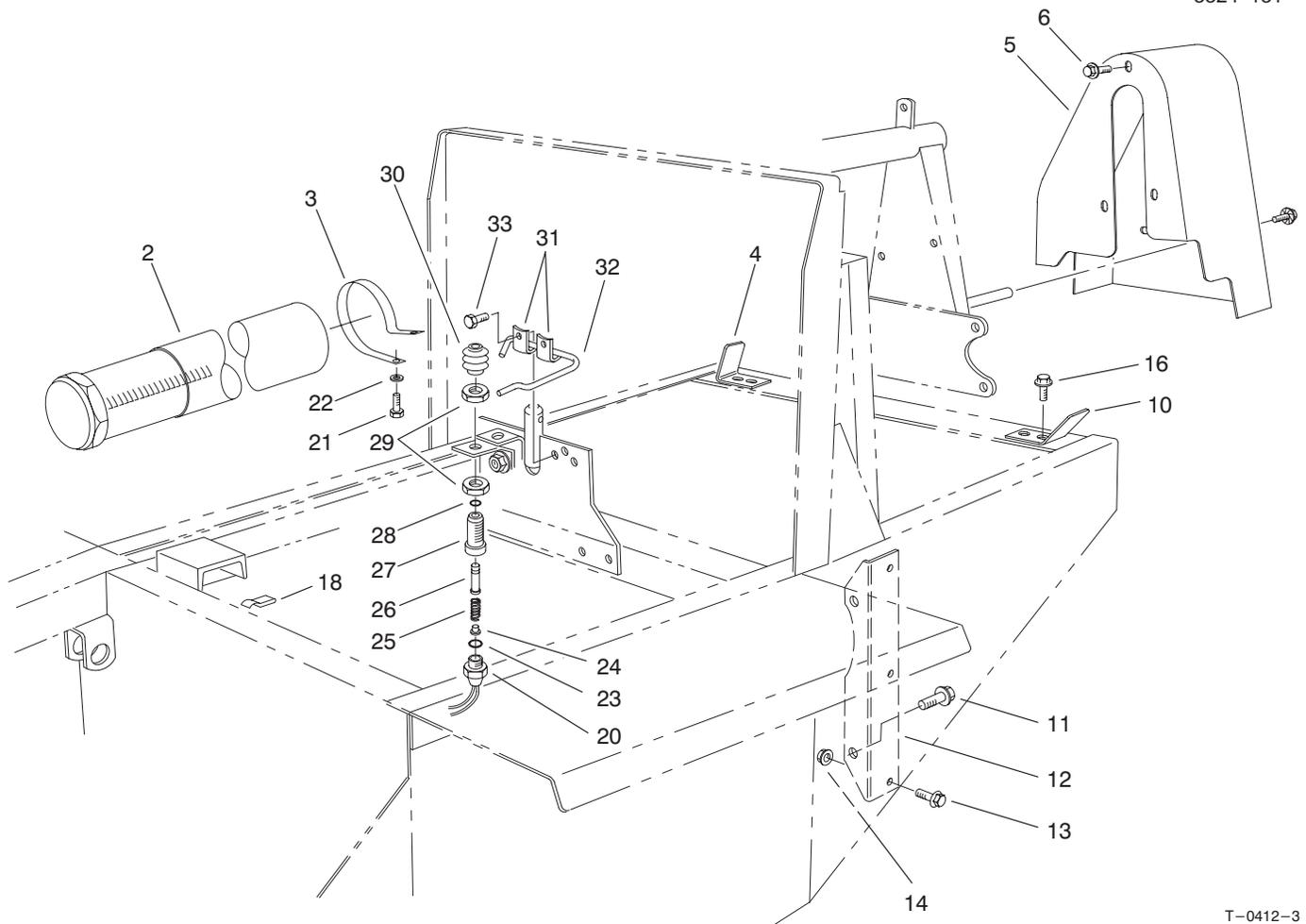
T-0411-3

Fuel Filter Assembly

Ref. No.	Part No.	Qty.	Description
1	2412-108	5	Hose Clamp
2	304-96	1	90# Hose Barb
3	63-8290	1	Vent
4	321-4	2	Screw-HH
5	63-8280	1	Asm-Head
6	353-975	1	Hose Barb
7	63-9720	1	Hose
8	3290-378	A/R	Cable Tie
9	32149-2	2	Nut
10	63-8300	1	Element-Fuel Filter (Incl. Ref. #11)
11	63-8310	1	Drain Valve
12	321-6	2	Screw-HH
13	53-8150	1	Asm-Fuel Pump, Electric (Incl. Ref. #14-17)
14	43-2570	1	Gasket
15	43-2550	1	Filter
16	43-2560	1	Gasket
17	43-2580	1	Magnet
18	353-702	1	Hose Barb
19	304-73	1	Hose Barb
20	63-9650	1	Hose
21	3255-7	2	Washer-Lock, Ext. Tooth
22	32149-2	2	Nut

Ref. No.	Part No.	Qty.	Description
*	95-3092	1	Kit-400 Hour Filter (Incl. Ref. #10 & 15)

*Not Illustrated



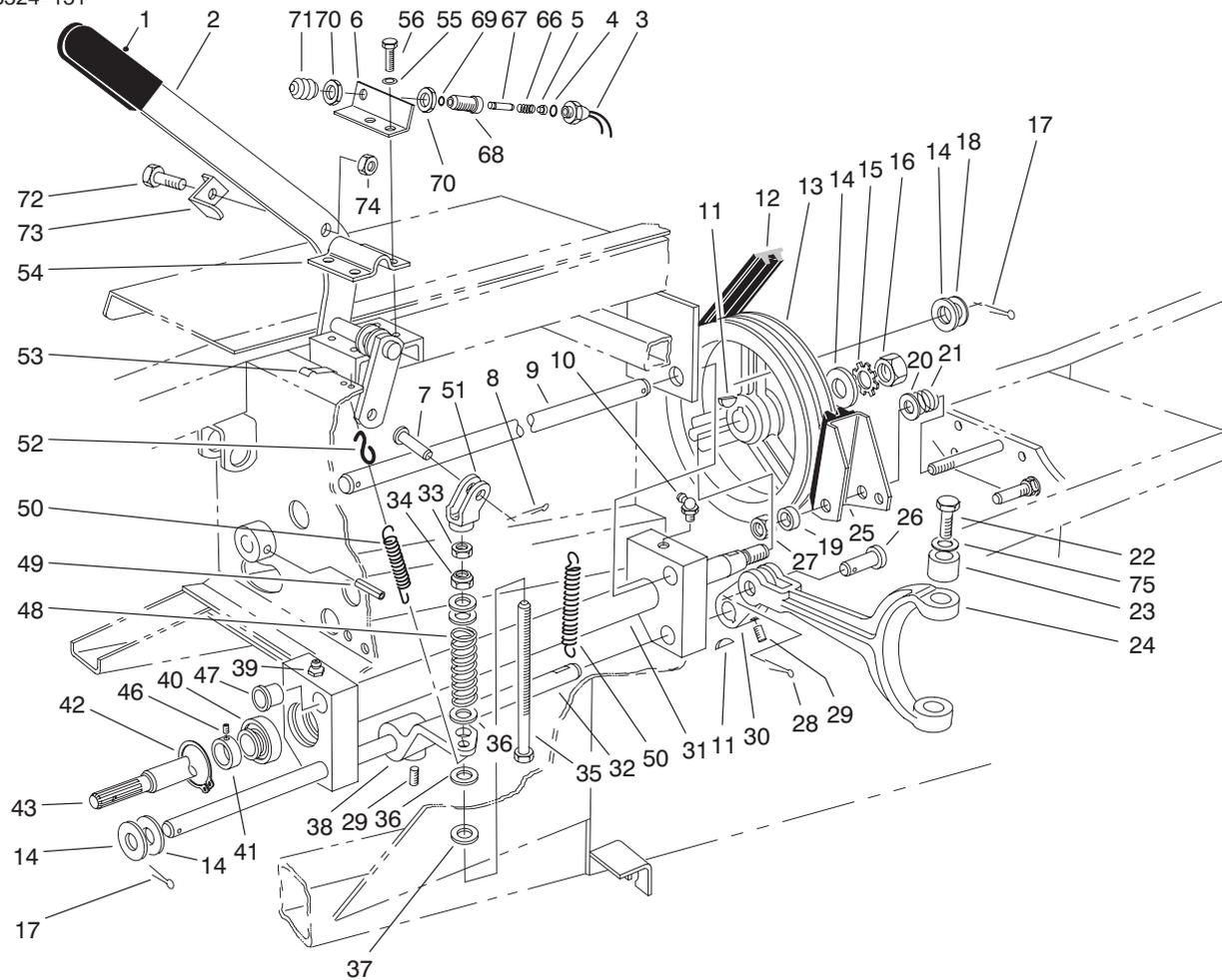
T-0412-3

Interlock Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
2	74-0720	1	Tube-Manual	29	218-461	1	Nut-Jam
3	2412-133	2	R-Clamp	30	43-8870	1	Boot-Switch
4	62-3010	1	Bracket, R.H.	31	3-6657	2	Clip
5	43-3900	1	Guard-Fan Belt	32	86-7040	1	Rod-Seat Prop
6	3234-14	5	Screw-HH	33	32144-10	2	Screw-TAP
9	3256-23	1	Washer-Flat	*	43-9071	1	Asm-Switch (Incl. Ref. #20, 23-30: Qty. 1 of #29 Required)
10	62-3020	1	Bracket, L.H.				
11	3234-32	2	Screw-HFH				
12	67-8190	2	Bracket-Engine Support				
13	3234-11	6	Screw w/Locking Flange				
14	3290-357	6	Nut-Lock, Flange				
16	3234-17	4	Screw-HH				
17	27-9810	1	Seat Pivot				
18	212-93	2	Wire Clip				
20	72-4320	1	Switch-Ball				
21	322-2	2	Screw-HH				
22	3256-23	2	Washer-Flat				
23	237-30	1	O-Ring				
24	43-8610	1	Guide-Spring & Ball Seat				
25	43-8600	1	Spring-Compression				
26	43-8860	1	Plunger-Switch				
27	43-8620	1	Guide-Switch Pin				
28	237-7	1	O-Ring				

*Not Illustrated

3324-131

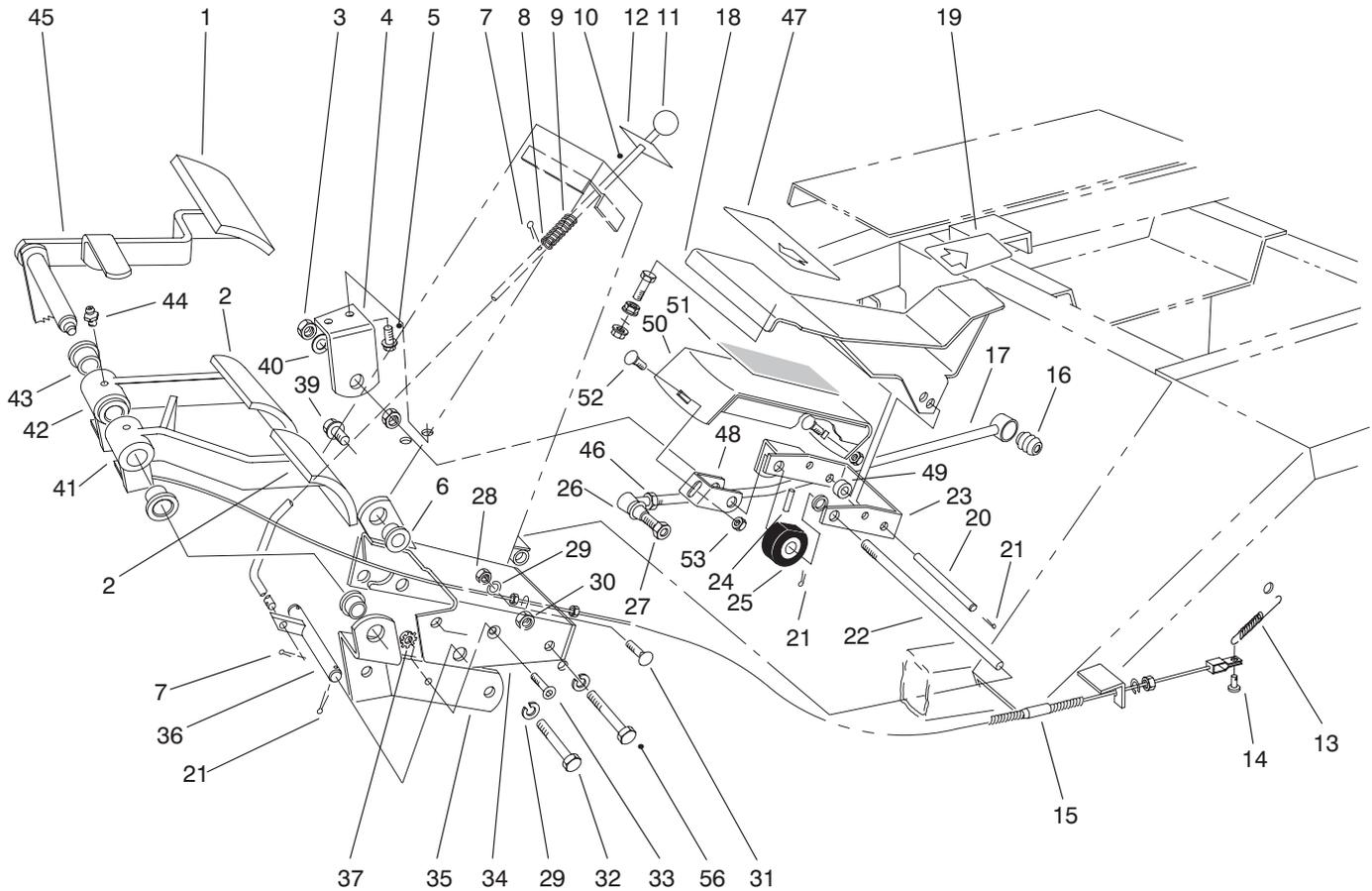


T-0413-4

Power Take Off Assembly

Ref. No.	Part No.	Qty.	Description
1	21-1880	1	Grip Handle
2	84-8500	1	Lever-Power Take Off
3	72-4320	1	Switch-Ball
4	237-30	1	O-Ring
5	43-8610	1	Guide-Spring & Ball Seat
6	84-8520	1	Bracket-P.T.O. Switch
7	283-42	1	Clevis Pin
8	3272-6	1	Cotter Pin
9	43-3860	1	Shaft-Pivot, Power Take Off
10	302-10	1	Fitting-Grease
11	3257-5	3	Key-Woodruff
12	53-9660	1	V-Belt Torque Team
13	21-0230	1	Pulley-Power Take Off
14	3256-28	4	Washer-Flat
15	3254-7	1	Washer-Lock
16	3219-7	1	Nut-Hex.
17	3272-22	2	Pin-Cotter
18	3-6498	A/R	Washer
19	3-8812	1	Spacer
20	3256-6	1	Washer-Flat
21	5-1747	1	Spring
22	92-5727	2	Screw-HH
23	92-5723	2	Bushing-Fork
24	92-4060	1	Fork-Power Take Off

Ref. No.	Part No.	Qty.	Description
25	27-7370	1	Asm-Brake, Power Take Off
26	93-3769	1	Clevis Pin
27	3296-28	1	Nut-Lock
28	3272-11	1	Pin-Cotter
29	3246-3	4	Screw-Set
30	92-4058	1	Arm-Power Take Off
31	43-5500	1	Pivot-Power Take Off
32	43-5550	1	Shaft- P.T.O. Actuator
33	3219-3	1	Nut
34	3296-6	1	Nut-Lock
35	27-7900	1	Screw-Adjusting
36	3256-41	4	Washer-Flat
37	5-0652	1	Spacer
38	43-5570	1	Arm-P.T.O. Actuator
39	302-2	1	Grease Fitting
40	251-252	2	Ball Bearing (Incl. Ref. #41)
41	251-234	2	Lock Collar (Incl. Ref. #46)
42	32120-22	2	Ring-Retaining
43	43-5540	1	Shaft-Power Take Off
44	62-4260	1	Asm-Drive Shaft
46	3245-1	2	Screw-Set
47	256-113	4	Bushing



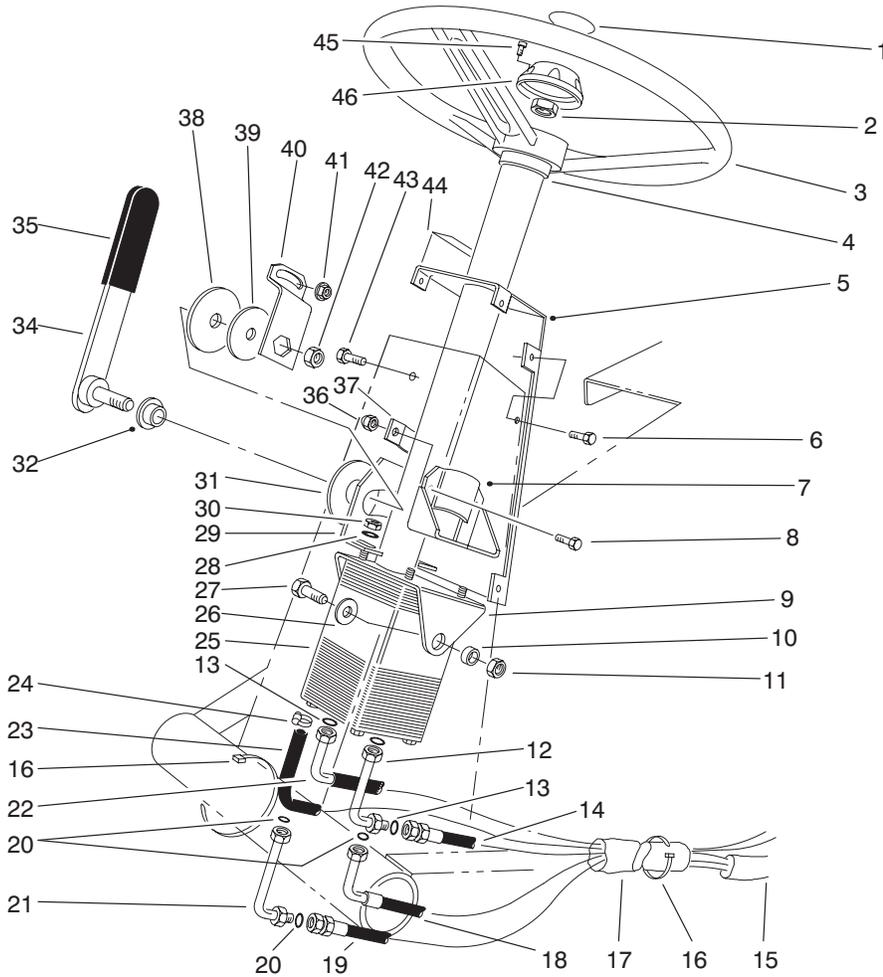
T-0415-7

Brake Pedal Assembly

Ref. No.	Part No.	Qty.	Description
1	93-8742	1	Pad-Brake
2	93-8743	2	Pad-Right Turn
3	3218-5	2	Nut-Jam
4	21-2850	1	Mount-R.H. Pedal
5	11-0590	2	Screw-TAP
6	256-156	5	Bushing
7	3272-5	3	Pin-Cotter
8	3256-22	1	Washer-Flat
9	95-1821	1	Spring-Compression
10	82-8670	1	Rod-Brake Latch
11	233-17	1	Knob
12	82-8930	1	Decal-Parking Brake
13	3-7243	2	Spring-Extension
14	283-58	2	Pin-Clevis
15	21-3380	1	Cable-L.H. Brake
*	21-3370	1	Cable-R.H. Brake
16	23-2270	1	Bushing-Rubber
17	23-2240	1	Rod-Pump Control
18	94-3304	1	Pedal-Traction
19	94-3308	1	Pad-Rear Pedal
20	88-1640	1	Pin-Traction Pedal
21	3272-6	6	Pin-Cotter
22	88-1650	1	Shaft-Traction Pedal
23	88-1670	1	Bracket-Pivot (Incl. Ref. #6)
24	32121-6	1	Pin-Roll

Ref. No.	Part No.	Qty.	Description
25	28-5220	1	Wheel-Friction
26	21-0141	1	Asm-Socket,R.H.
27	3220-3	1	Nut-Jam
28	3217-7	2	Nut-Hex
29	3253-21	4	Washer-Lock
30	32153-2	2	Nut-Lock
31	3231-21	2	Bolt-Carriage
32	323-13	1	Screw-HH
33	3274-47	1	Screw-HSFH
34	27-7590	1	Mount-Brake
35	27-9270	1	Mount-Brake Pivot Shaft
36	27-7640	1	Shaft-Brake Latch
37	32149-2	1	Nut
39	3234-11	3	Screw-HH
40	3256-26	1	Washer-Flat
41	27-7490	1	Pedal-L.H. Brake (Incl. Ref. #43)
42	27-7510	1	Pedal-R.H. Brake (Incl. Ref. #43)
43	256-10	4	Bushing
44	302-5	2	Fitting-Grease
45	27-8550	1	Pedal-Parking Bake
46	3220-5	1	Nut-Jam
47	94-3307	1	Pad-Front Pedal

*Not Illustrated

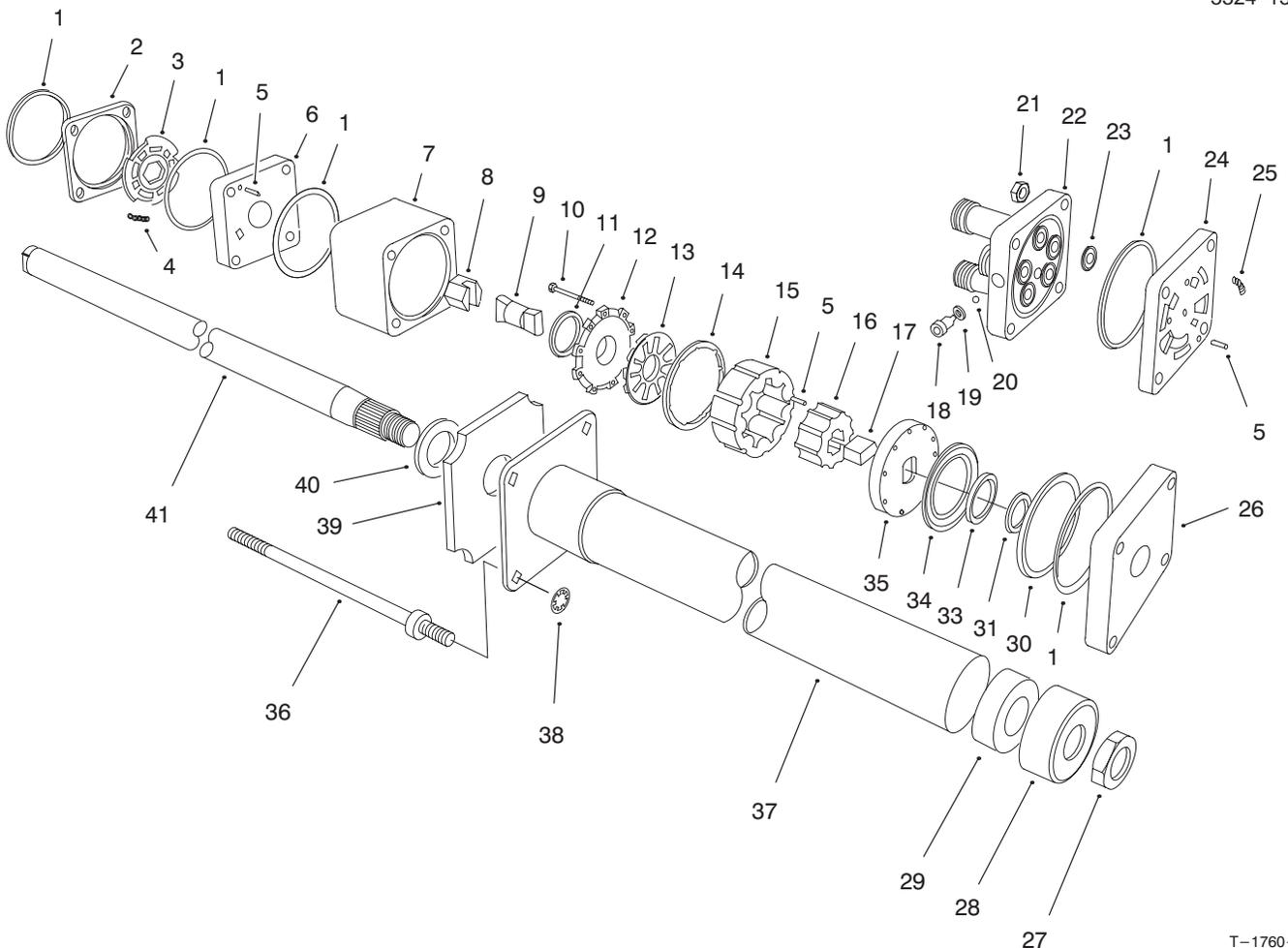


T-1187-4

Power Steering Assembly

Ref. No.	Part No.	Qty.	Description
1	68-5370	1	Decal-Toro
2	66-9760	1	Nut-Hex.
3	75-0560	1	Wheel-Steering (Incl. Ref. #45-46)
4	21-9260	1	Cover-Dust
5	82-8660	1	Cover-Tower
6	32144-10	6	Screw-TAP
7	67-8690	1	Support-Column
8	3234-17	2	Screw-HH
9	77-3120	1	Bracket-Mount, Column
10	80-2960	2	Spacer-Tower
11	32153-2	2	Nut-Hex.
12	82-8760	1	Elbow
13	237-30	3	O-Ring
14	63-8970	1	Hose-Trans. to Steering
15	70-1390	1	Sleeve-Protective
16	3290-379	3	Tie-Cable
17	70-1380	1	Sleeve-Protective
18	68-9730	1	Hose-Steering to Cylinder
19	68-9720	1	Hose-Cylinder to Steering
20	237-22	3	O-Ring
21	82-8770	1	Elbow

Ref. No.	Part No.	Qty.	Description
22	63-8980	1	Hose-Aux. to Valve
23	63-8990	1	Hose
24	2412-36	2	Clamp
25	92-7308	1	Valve-Steering, Power
26	3256-46	2	Washer-Flat
27	323-6	2	Screw-HH
28	3256-3	4	Washer-Flat
29	80-2940	1	Plate-Pivot
30	3296-20	4	Nut-Lock
31	31-0390	1	Disc-Friction
32	80-2980	1	Boss-Pin
34	93-1353	1	Lever-Steering, Tilt
35	21-1880	1	Grip-Handle
36	3296-29	2	Nut-Lock
37	82-8650	1	Clamp-Half
38	82-9010	1	Disc-Friction
39	80-2930	1	Washer
40	80-2880	1	Bracket-Steering, Tilt
41	32128-20	1	Nut-Flange
42	3218-7	1	Nut-Jam
43	322-4	1	Screw-HH
44	82-8940	1	Decal-Steering, Tilt
45	32144-21	1	Screw
46	68-5140	1	Cap-Wheel, Steering



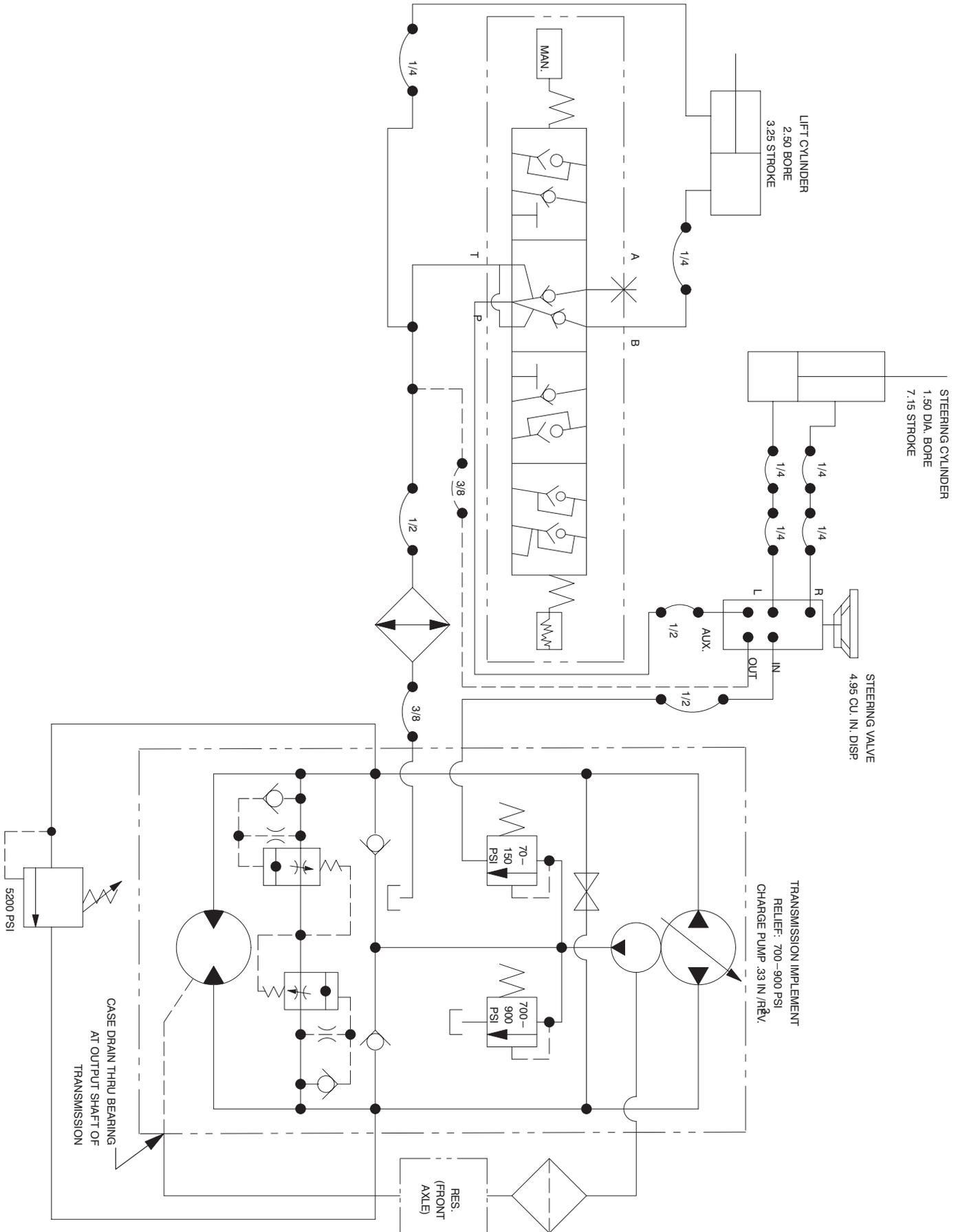
T-1760-3

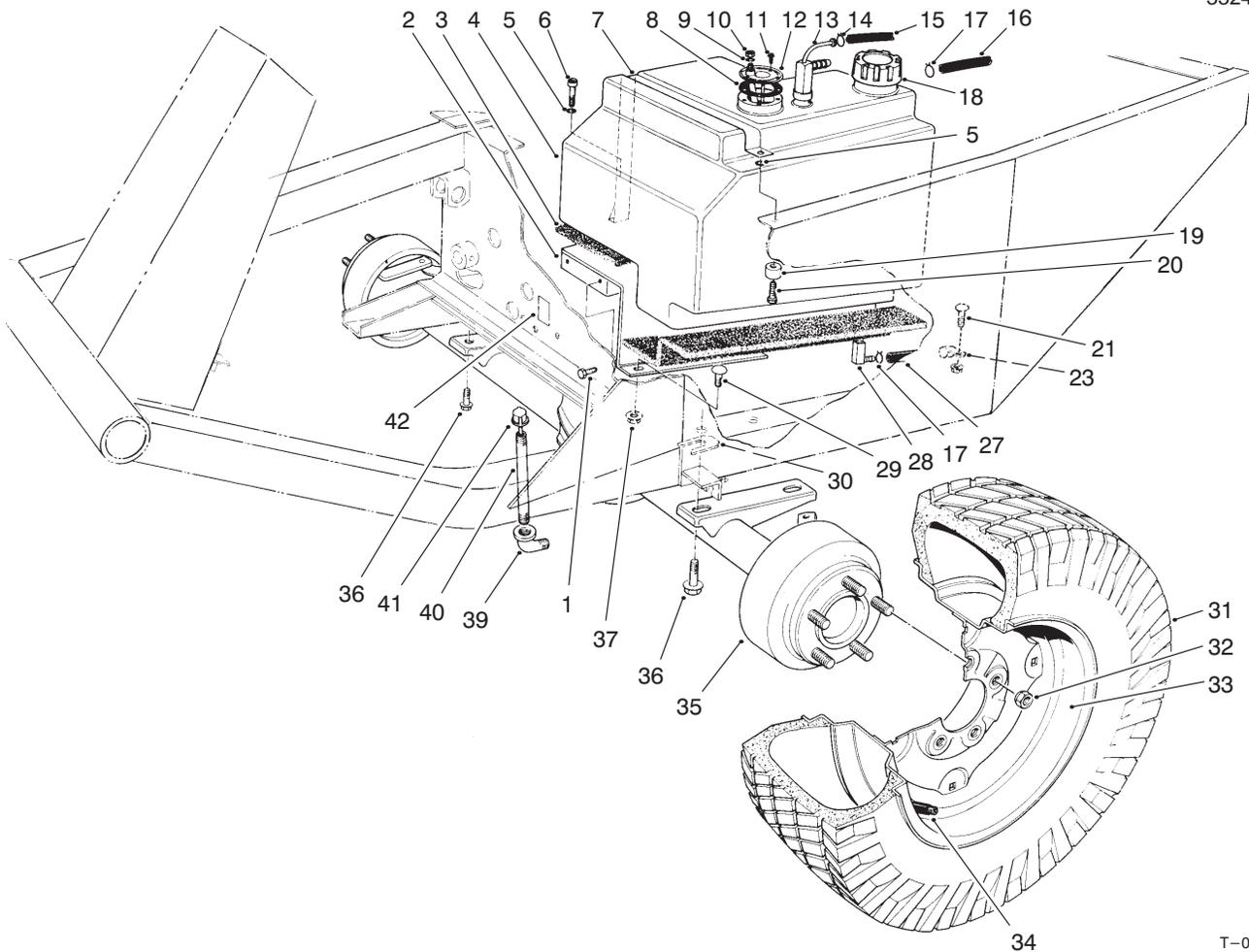
Power Steering Valve Assembly No. 92-7308

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1		5	Ring-Seal	27	3220-6	1	Nut
2		1	Ring-Valve	28	92-7315	1	Seal
3		1	Plate-Valve	29		1	Bearing
4		3	Spring	30		1	Spacer-Thrust Bearing
5		9	Pin-Alignment	31		1	Spacer-Seal
6		1	Manifold-Isolation	33		1	Seal-Face
7		1	Ring-Metering	34		1	Bearing-Thrust
8		1	Asm-Hex Drive	35		1	Plate-Drive
9		1	Link-Drive	36	92-7310	4	Bolt-Special
10		11	Screw-HS	37		1	Upper Cover & Jacket
11		1	Seal-Commutator	38	92-7316	4	Nut-Push On
12		1	Cover-Commutator	39	92-7317	1	Foam
13		1	Commutator	40		1	Washer-Retaining
14		1	Ring-Commutator	41		1	Shaft-Input
15		1	Stator	*	66-9970	1	Kit-Spring (Incl. Ref. #4 & 25)
16		1	Rotor	*	66-9980	1	Kit-Seal (Incl. Ref. #1, 11, 19, 23, 31 & 33)
17		1	Spacer-Drive Link	*	66-9990	1	Kit-Hex (Incl. Ref. #5)
18		1	Plug	*	92-7314	1	Asm-Column (Incl. Ref. #27-29 & 37-41)
19		1	O-Ring				
20		1	Ball				
21		4	Nut-Hex				
22		1	Cover-Port				
23		5	O-Ring				
24		1	Manifold-Port				
25		3	Spring				
26		1	Plate-Upper Cover				

*Not Illustrated

Hydraulic Schematic





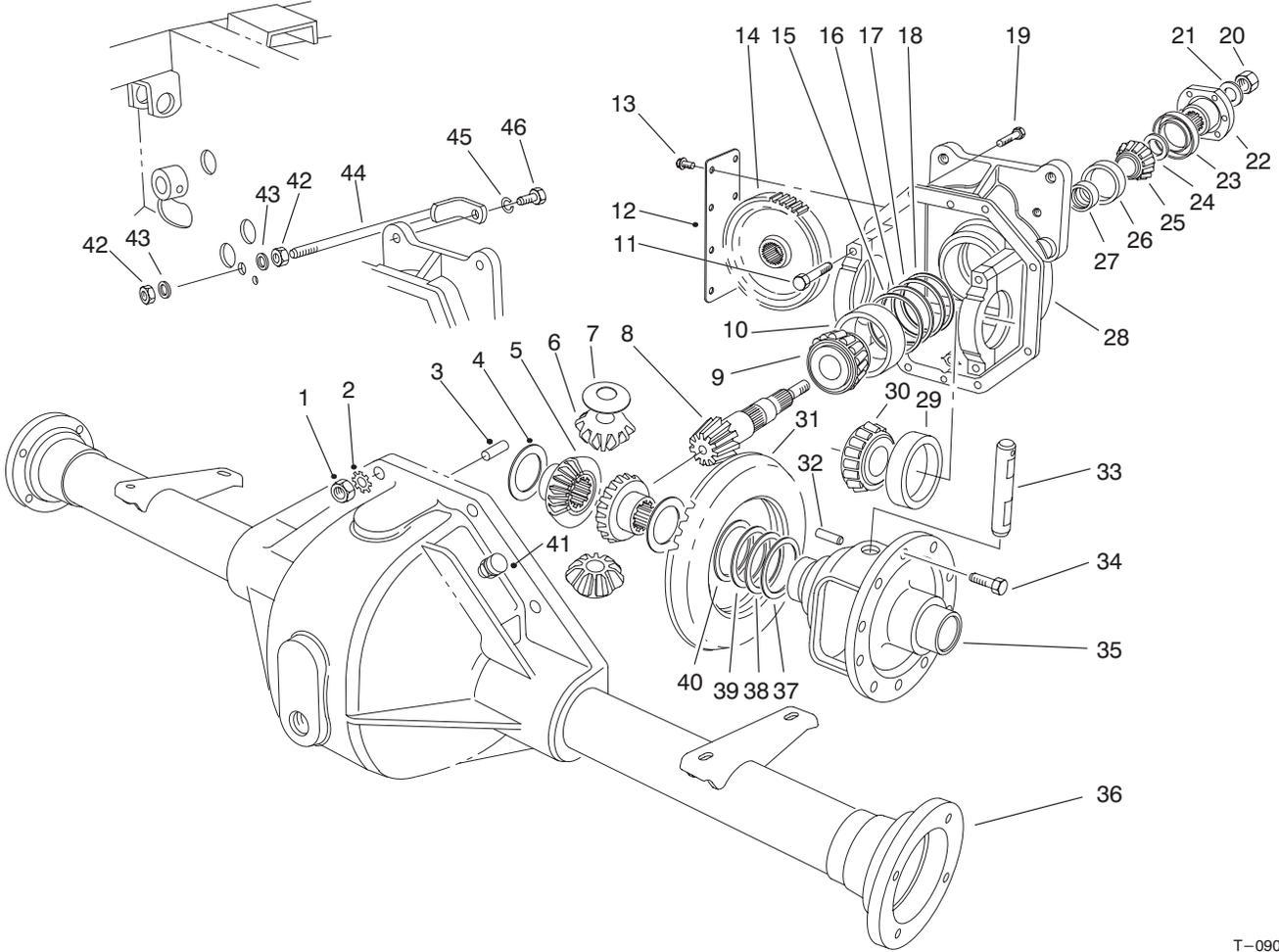
T-0926-2

Front Axle & Fuel Tank Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	3234-11	2	Screw-HFH	30	42-6080	A/R	Shim-Axle
2	68-9760	1	Fuel Tank Base	31	231-101	2	Tire
3	21-3600	1	Foam-Tank Support	†*	231-95	2	Tire-23"x10.5"x12" 4 Ply
4	43-4150	1	Fuel Tank (Incl. Ref. #13 & 14)	†*	69-9880	2	Tire-23"x10.5"x12" 6 Ply
5	3253-3	2	Washer-Lock	32	23-7270	10	Nut-Wheel
6	32104-96	1	Screw-HH	33	217-117	2	Rim
7	37-9550	1	Strap-Fuel Tank	†*	217-116	2	Rim-23x10.5x12
8	62-7650	1	Gasket	34	232-31	2	Valve Stem w/Cap
9	3253-17	1	Washer-Lock	†*	232-27	1	Valve Stem (For 23x10.5x12 Rim
10	3219-14	1	Nut	35	86-9630	1	Asm-Front Axle
11	32144-53	5	Screw-TAP	36	32144-67	4	Screw-TAP
12	62-6840	1	Sender-Fuel Level	37	32128-20	3	Nut-Flange
13	43-4160	1	Fitting-Return & Vent	39	2811-9	1	Street Elbow
14	2412-79	1	Clamp	40	289-37	1	Nipple-Pipe
15	43-4230	1	Hose-Return	41	23-5180	1	Dipstick
16	43-5690	1	Hose-Vent, Fuel Tank	42	53-4430	1	Decal-Oil
17	2412-6	2	Clamp	*	231-90	1	Tube-Inner
18	55-3572	1	Fuel Cap	†*	62-7020	2	23"x10.5"x12" Tire 4 Ply
19	22-7810	1	Spacer	†*	69-9870	2	Asm-Wheel & Tire 23"x10.5"x12" 6 Ply
20	321-6	1	Screw-HH				
21	21-3610	1	Foam-Tank Support				
23	2412-4	1	Clamp				
27	63-9640	1	Hose-Fuel				
28	43-4190	1	Asm-Fitting				
29	3230-2	3	Bolt-Carriage				

*Not Illustrated

†Optional



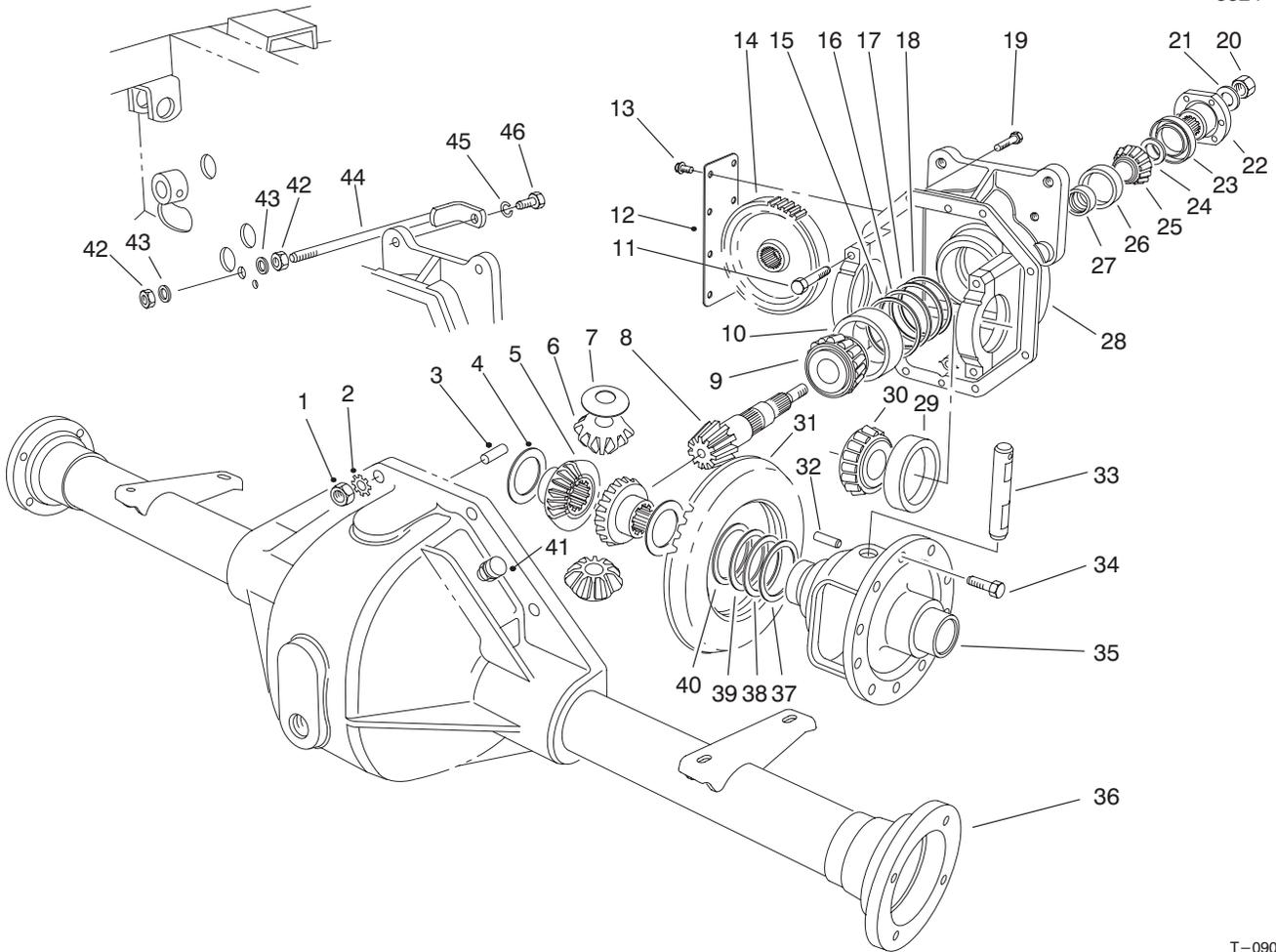
T-0905-2

Front Axle Assembly No. 86-9630

Ref. No.	Part No.	Qty.	Description
1	3219-2	8	Nut
2	3255-8	8	Washer-Lock
3	21-8270	2	Pin-Dowel
4	21-7720	2	Washer-Thrust
5	24-8790	2	Gear-Bevel, Diff. Side
6	21-7690	2	Gear-Pinion
7	21-7730	2	Washer-Thrust
8		1	Pinion-Drive
9	43-6760	1	Cone-Bearing, Tapered
10	43-6750	1	Cup-Bearing, Tapered
11	92-1773	4	Screw-HH
12	21-7830	1	Cover-Gear
13	12-5450	8	Screw-TAP
14	86-7230	1	Gear-Spur
15	43-6710	A/R	Shim .003-Diff. Adjust.
16	43-6711	A/R	Shim .005-Diff. Adjust.
17	43-6712	A/R	Shim .010-Diff. Adjust.
18	43-6713	A/R	Shim .030-Diff. Adjust.
19	3210-7	8	Screw-HH
20	71-4350	1	Nut
21	71-4340	1	Washer
22	68-7010	1	Flange
23	71-4330	1	Seal
24	72-3570	A/R	Shim .094-Diff. Adjust.
*	72-3571	A/R	Shim .096-Diff. Adjust.

Ref. No.	Part No.	Qty.	Description
*	72-3572	A/R	Shim .098-Diff. Adjust.
24	72-3573	A/R	Shim .100-Diff. Adjust.
*	72-3574	A/R	Shim .102-Diff. Adjust.
*	72-3575	A/R	Shim .104-Diff. Adjust.
*	72-3576	A/R	Shim .106-Diff. Adjust.
*	72-3577	A/R	Shim .108-Diff. Adjust.
*	72-3578	A/R	Shim .110-Diff. Adjust.
*	72-3580	A/R	Shim .112-Diff. Adjust.
*	72-3581	A/R	Shim .114-Diff. Adjust.
*	72-3582	A/R	Shim .116-Diff. Adjust.
*	72-3583	A/R	Shim .118-Diff. Adjust.
*	72-3584	A/R	Shim .120-Diff. Adjust.
*	72-3585	A/R	Shim .125-Diff. Adjust.
*	72-3586	A/R	Shim .127-Diff. Adjust.
*	72-3587	A/R	Shim .129-Diff. Adjust.
*	72-3588	A/R	Shim .131-Diff. Adjust.
*	72-3590	A/R	Shim .133-Diff. Adjust.
*	72-3591	A/R	Shim .135-Diff. Adjust.
*	72-3592	A/R	Shim .137-Diff. Adjust.
*	72-3593	A/R	Shim .139-Diff. Adjust.
*	72-3594	A/R	Shim .141-Diff. Adjust.
*	72-3595	A/R	Shim .143-Diff. Adjust.
*	72-3596	A/R	Shim .145-Diff. Adjust.
*	72-3597	A/R	Shim .147-Diff. Adjust.
*	72-3598	A/R	Shim .149-Diff. Adjust.

*Not Illustrated



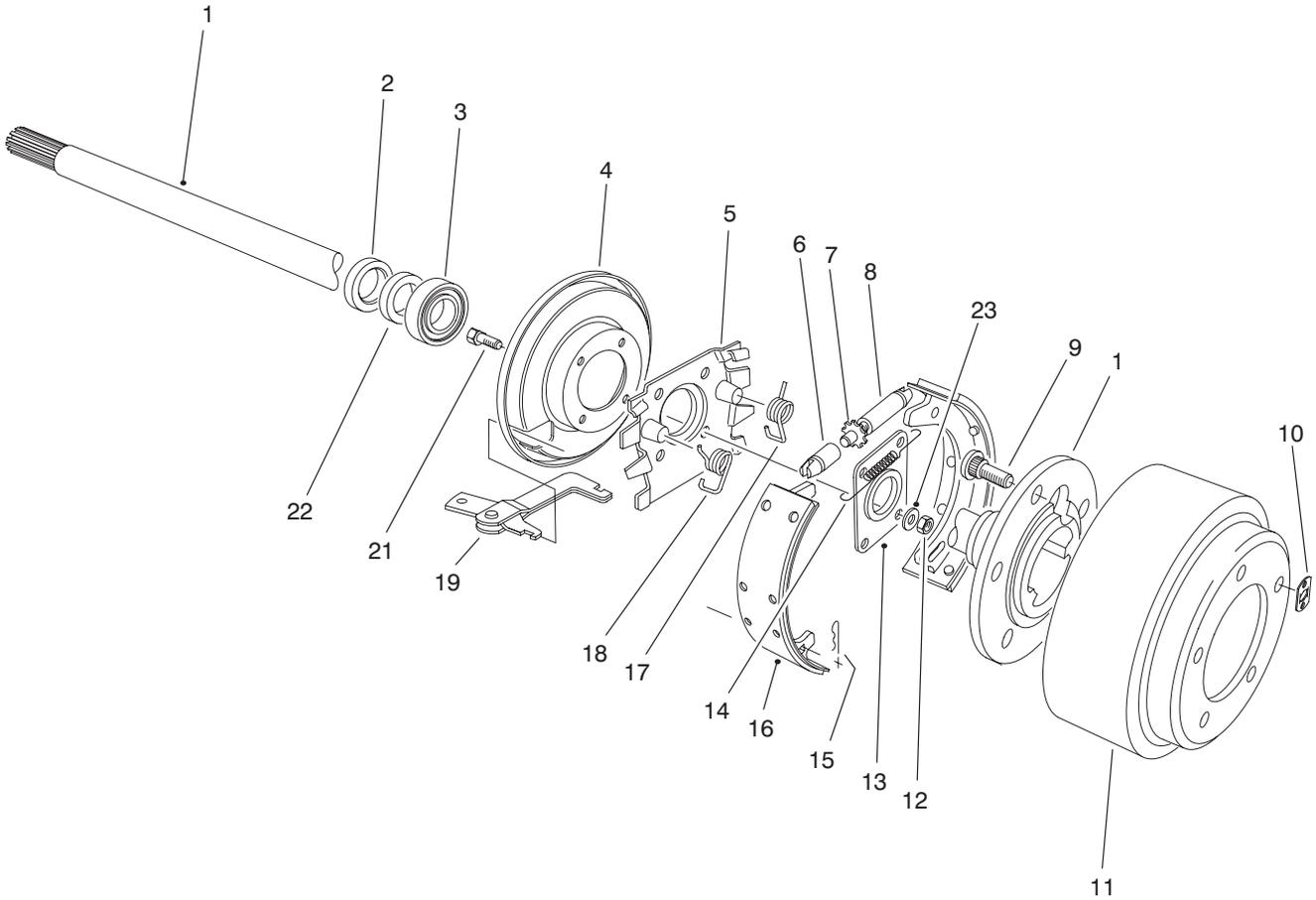
T-0905-2

Front Axle Assembly No. 86-9630 (Continued)

Ref. No.	Part No.	Qty.	Description
*	72-3600	A/R	Shim .151-Diff. Adjust.
25	254-91	1	Cone-Bearing
26	254-90	1	Cup-Bearing
27	21-8020	1	Spacer-Bearing, Pinion Ft.
28	86-9610	1	Asm-Carrier (Incl. Ref.#11)
29	254-66	2	Cup-Bearing, Tapered
30	254-65	2	Cone-Bearing, Tapered
31		1	Gear-Ring
32	32121-15	1	Pin-Roll
33	21-7700	1	Shaft-Pinion, Mate
34	21-7770	5	Screw-Gear, Drive
35	21-7670	1	Case-Differential
36	43-6840	1	Housing-Lower
37	21-8120	A/R	Shim .030-Diff. Adjust.
38	21-8110	A/R	Shim .010-Diff. Adjust.
39	21-8100	A/R	Shim .005-Diff. Adjust.
40	21-8090	A/R	Shim .003-Diff. Adjust.
41	72-9420	1	Asm-Vent
42	3217-9	2	Nut-Hex.
43	3256-6	2	Washer-Flat
44	24-9830	1	Support-Axle
45	3253-21	1	Washer-Lock
46	323-6	1	Screw-HH

Ref. No.	Part No.	Qty.	Description
*	92-1676	1	Asm-Gear & Pinion (Incl. Ref. #8 & 31)
*	92-4902	1	Asm-Upper Housing, 4WD (Incl. Ref. #4-35 & 37-40)

*Not Illustrated



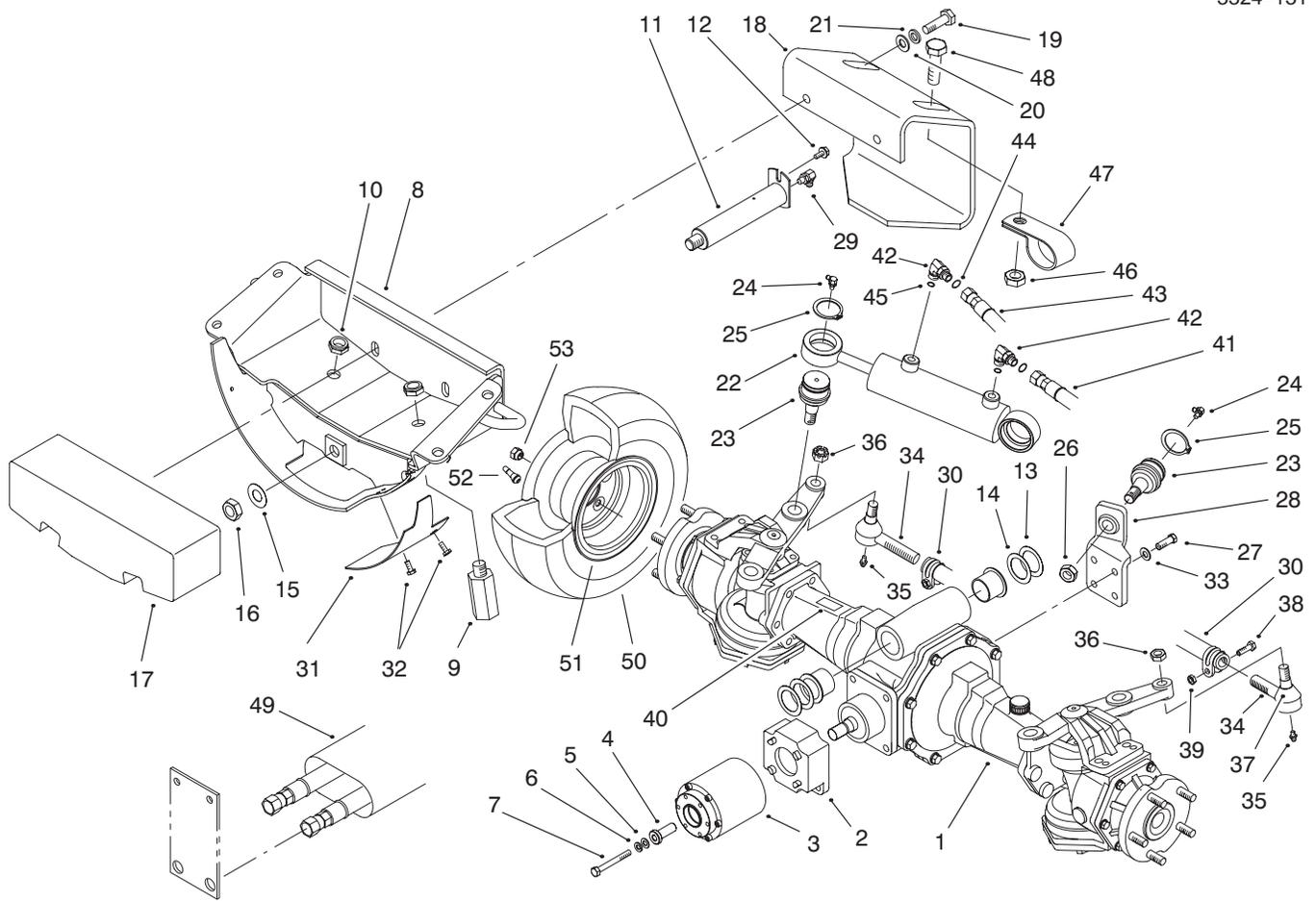
T-2664-1

Brake Assembly

Ref. No.	Part No.	Qty.	Description
1	28-0650	2	Shaft-Flanged, Axle
2	92-1774	2	Seal-Oil
3	21-8180	2	Bearing
4	21-9450	2	Dust Shield
5	43-6810	2	Torque-Spider
6	21-9390	2	Socket-Adjusting Screw
7	21-9370	2	Screw-Adjusting
8	100-6570-01	2	Nut-Pivot
9	242-34	10	Stud-Flanged, Axle
10	21-8360	2	Clip-Retaining
11	99-8434-03	2	Brake Drum
12	94-6935	8	Nut-Lock
13	28-0670	2	Seal-Oil
14	21-9440	2	Spring-Adjusting Screw
15	21-9460	4	Retainer-Brake Lever
16	84-8600	1	Asm-Shoe & Lining (Set of 4)
17	21-9420	2	Spring-Shoe Return L.H.
18	21-9430	2	Spring-Shoe Return R.H.
19	24-9180	2	Strut & Lever Parking Brake
21	94-6934	8	Screw-HH

Ref. No.	Part No.	Qty.	Description
22	24-8840	2	Ring-Wheel Bearing
23	94-6936	8	Washer
*	92-8775	1	Kit-Gasket, Liquid

*Not Illustrated

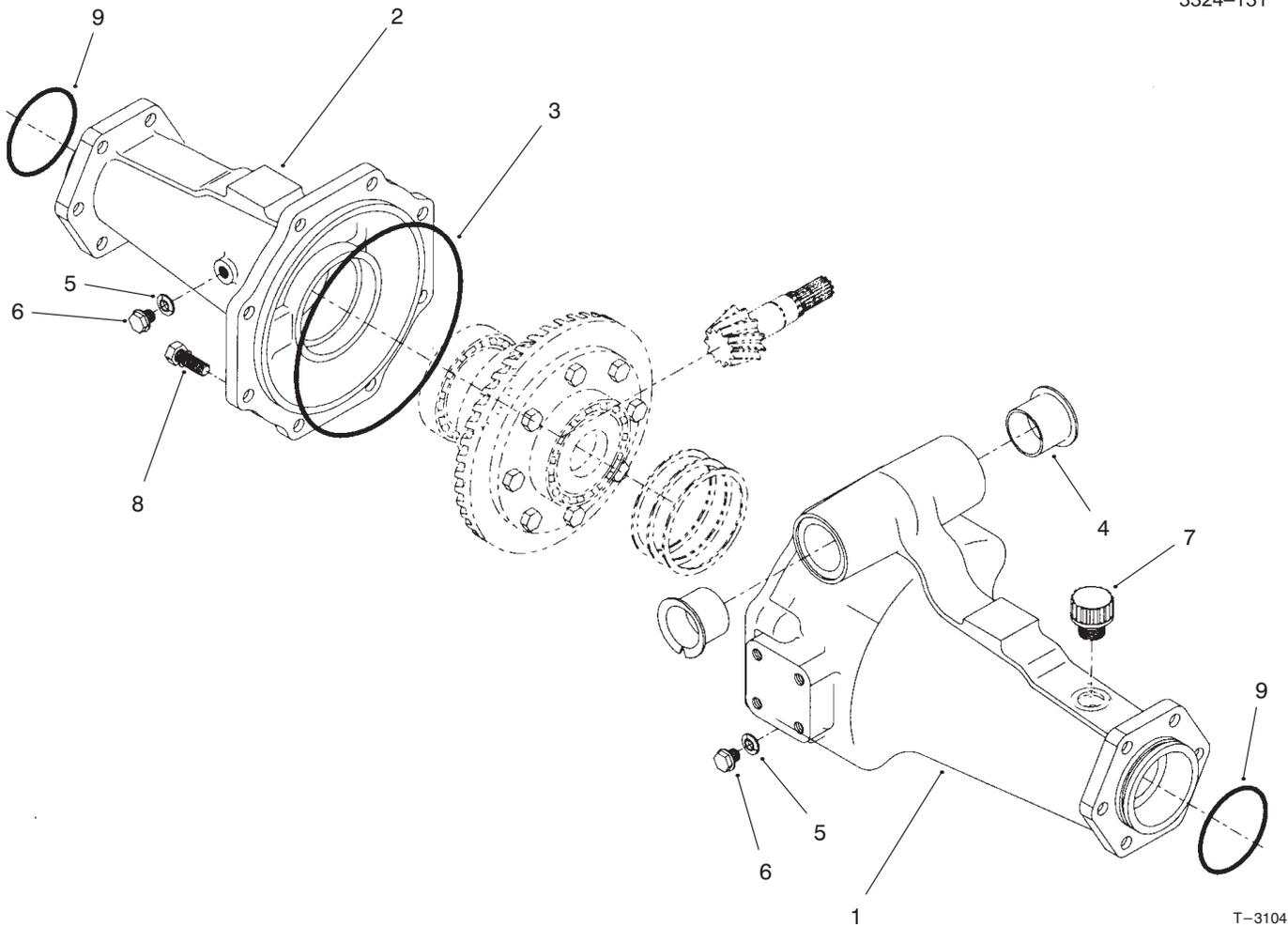


T-3110-2

Rear Axle Assembly

Ref. No.	Part No.	Qty.	Description
1	95-7501	1	Asm-Drive Axle
2	98-3860	1	Adapter-Clutch
3	95-6296	1	Clutch-Bidirectional
4	99-8436	1	Spacer
5	33094-00	1	Washer-Flat
6	3253-4	1	Washer-Lock
7	33114-070	1	Screw-HH
8	100-6570-01	1	Axle Support
9	98-3863	2	Stop-Oscillation
10	3296-15	2	Nut-Hex.
11	99-8434-03	1	Rear Axle Pin
12	32144-14	1	Screw-HWH
13	99-8431	A/R	Washer-Thrust (Thin)
14	99-8432	A/R	Washer-Thrust (Thick)
15	71-4540	1	Washer-Thrust
16	32146-20	1	Nut-Lock Jam
17	98-3869	1	Weight-Rear
18	98-3880	1	Bumper
19	325-7	2	Screw-HH
20	3256-26	2	Washer-Flat
21	3253-7	2	Washer-Lock
22	99-2415	1	Cylinder-Hydraulic
23	92-5838	2	Ball Joint
24	302-11	2	Fitting-Grease 45#
25	32151-104	2	Ring-Retaining
26	3220-6	4	Nut-Jam

Ref. No.	Part No.	Qty.	Description
27	95-8812	4	Screw-HH
28	98-3862	1	Bracket-Cylinder Support
29	302-33	1	Fitting-Lube
30	99-2412	1	Asm-Tube & Clamp
31	99-2413	1	Cover-Guard, Flywheel
32	32144-10	2	Screw-HH
33	48-9220	4	Washer
34	71-4740	2	Tie Rod End
35	302-55	2	Fitting-Lube
36	3220-11	2	Nut-Jam
37	71-4760	2	Seal
38	323-9	2	Screw-HH
39	3296-39	2	Nut-Hex. Lock
40	70-2560	1	Decal-Lube
41	99-2407	1	Hose-Hydraulic
42	340-97	2	Fitting-Hydraulic 90# (Incl. Ref. #44 & 45)
43	99-2408	1	Hose-Hydraulic
44	237-22	2	O-Ring
45	237-78	2	O-Ring
46	32128-20	1	Nut-Lock
47	2412-74	1	R-Clamp
48	3234-17	1	Screw-HH

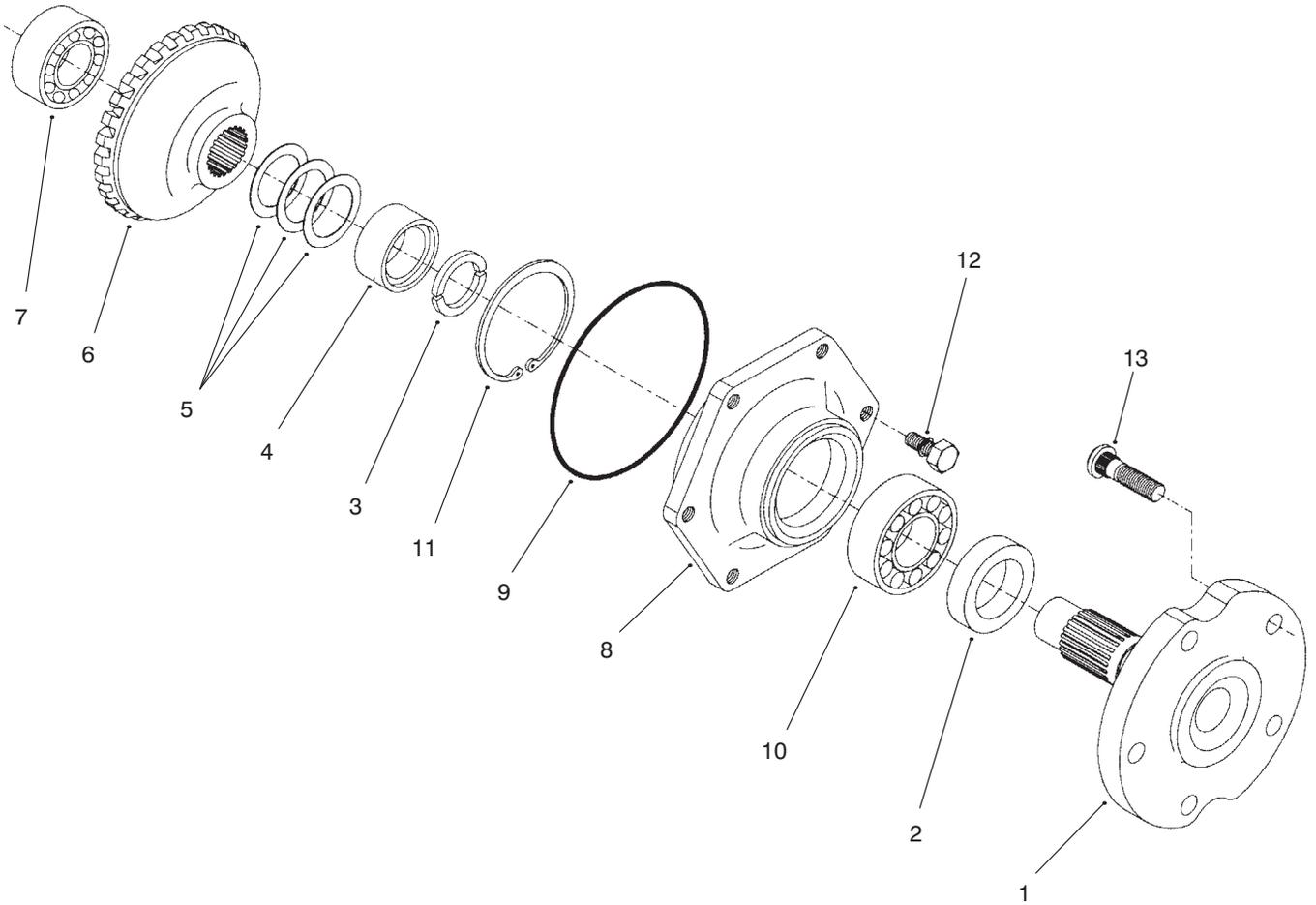


T-3104

Rear Axle Assembly No. 95-7501 (Continued) Axle Support Assembly

Ref. No.	Part No.	Qty.	Description
1	95-7508	1	Support #1-Axle
2	95-7506	1	Support #2-Axle
3	95-7507	1	O-Ring
4	95-7537	2	Bushing-Flange
5	99-7589	2	Plug
6	99-7590	2	Washer-Seal
7	99-7591	1	Assembly-Oil Plug
8	99-7592	8	Bolt
9	99-7593	2	O-Ring

Ref. No.	Part No.	Qty.	Description



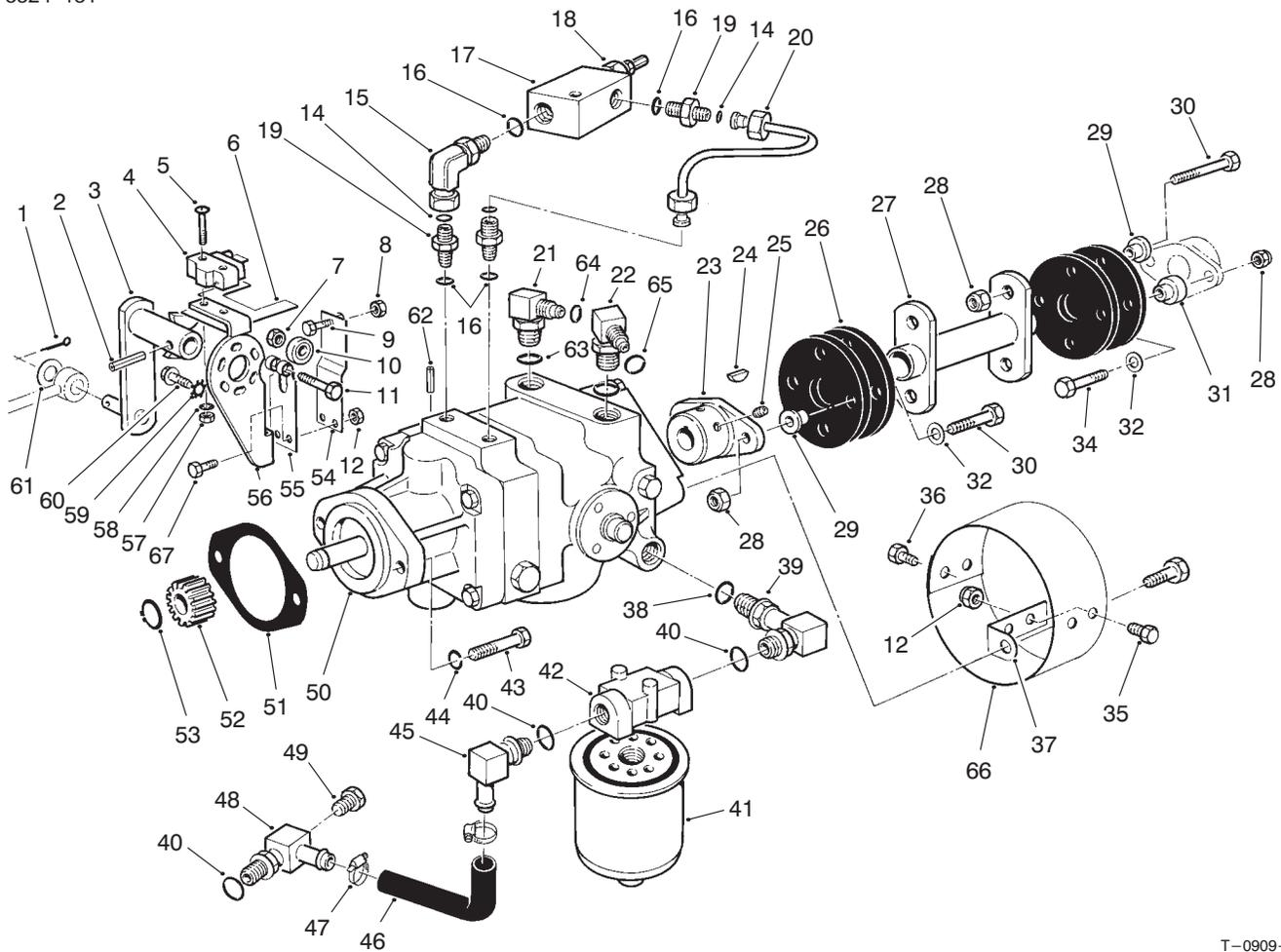
T-3108-1

Rear Axle Assembly No. 95-7501 (Continued) Axle Assembly

Ref. No.	Part No.	Qty.	Description
1	95-7522	2	Axle
2	99-7564	2	Seal-Oil
3	95-7544	4	Clip
4	95-7523	2	Spacer
5	99-7555	2	Shim-0.3
*	99-7556	2	Shim-0.2
*	99-7557	2	Shim-0.5
6	95-7525	2	Gear-27 Bevel
7	99-7534	2	Bearing-Double Ball
8	95-7521	2	Cover-Axle
9	99-7538	2	O-Ring
10	99-7561	2	Bearing-Ball
11	99-7539	2	Clip
12	99-7596	12	Bolt
13	99-7563	10	Stud

Ref. No.	Part No.	Qty.	Description

*Not Illustrated



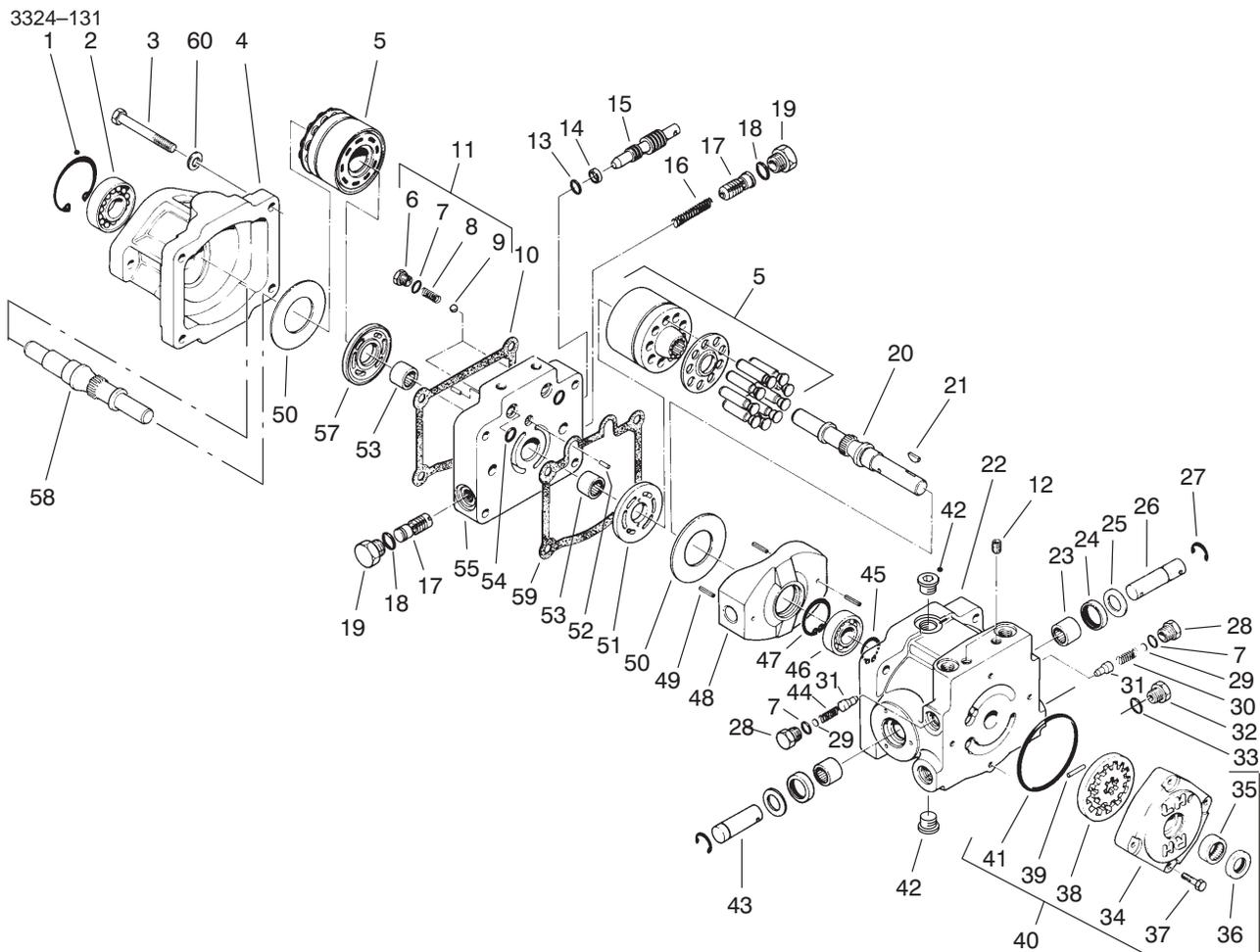
T-0909-2

Hydrostatic Transmission Assembly

Ref. No.	Part No.	Qty.	Description
1	3272-10	1	Pin-Cotter
2	32121-24	1	Pin-Roll
3	28-9570	1	Lever-Pump
4	29-6163	1	Switch-Micro
5	3249-11	2	Screw-Mach. Rd. Hd.
6	46-8810	1	Stop-Leaf, Spring
7	3296-29	1	Nut-Lock
8	3219-2	1	Nut-Hex
9	3210-7	1	Screw-HH
10	251-259	1	Bearing-Ball
11	322-17	1	Screw-HH
12	3296-42	6	Nut-Lock
14	237-21	3	O-Ring
15	340-143	1	Elbow-Swivel
16	237-78	4	O-Ring
17	72-3710	1	Body-Valve, Relief
18	72-3720	1	Cartridge-Valve, Relief
*	72-3730	1	Kit-Seal (Relief Valve)
*	72-3540	1	Valve-Relief Adj. (Incl. Ref.#17 & 18)
19	340-92	3	Adapter-Straight
20	72-3550	1	Asm-Tube
21	340-77	1	Elbow-Fitting
22	340-99	1	Elbow-Fitting
23	33-4380	1	Hub-Pump
24	3257-32	1	Key-Woodruff

Ref. No.	Part No.	Qty.	Description
25	3241-5	2	Screw-Set, Sq. Hd.
26	44-2230	4	Coupling-Rubber
27	71-4400	1	Coupling-Drive
28	32152-1	8	Nut-Lock
29	71-4411	6	Spacer-Coupling, Rubber
30	322-8	6	Screw-HH
31	71-4410	2	Spacer-Coupling, Rubber
32	3256-3	4	Washer-Flat
34	322-10	2	Screw-HH
35	321-2	2	Screw-HH
36	321-4	4	Screw-HH
37	54-9290	2	Bracket
38	237-80	1	O-Ring
39	68-8660	1	Elbow-Fitting
40	237-81	3	O-Ring
41	23-9740	1	Filter-Oil
42	68-8990	1	Head-Filter
43	323-7	2	Screw-HH
44	3253-21	2	Washer-Lock
45	353-987	1	Elbow-Fitting
46	68-9650	1	Hose-Axle
47	2412-34	2	Clamp-Hose
48	70-2620	1	Elbow-Fitting

*Not Illustrated

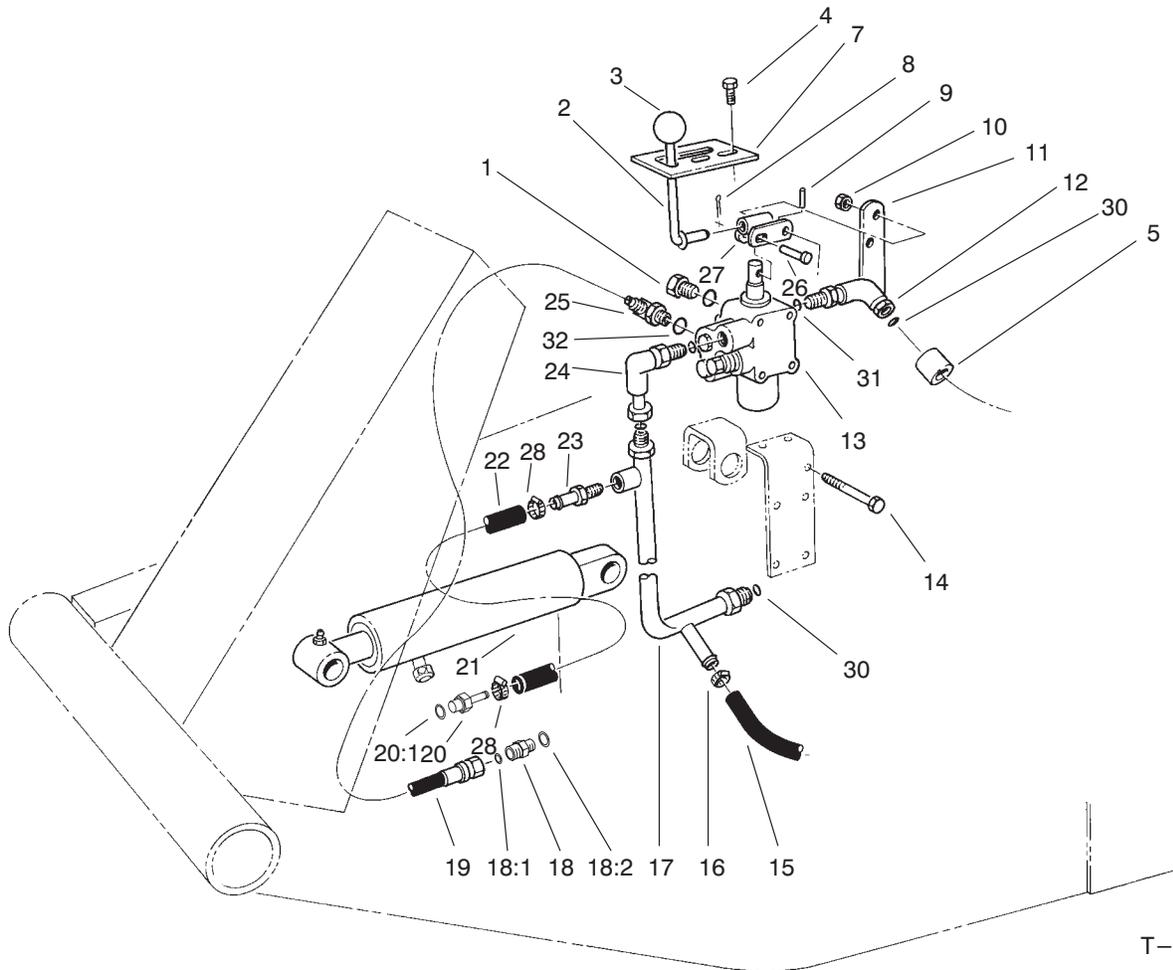


T-0425-4

Transmission Assembly No. 92-8947

Ref. No.	Part No.	Qty.	Description
1	32120-8	1	Ring-Retaining
2	72-3750	1	Bearing-Ball
3	323-56	4	Screw-HH
4	67-9080	1	Housing-Motor
5	48-1800	2	Cylinder Block Kit
6	25-2650	2	Check Valve Plug
7	237-86	4	O-Ring
8	25-2640	2	Valve Spring
9	25-2490	2	Ball
10	67-9100	1	Gasket
11	25-3180	2	Kit-Check Valve (Incl. Ref. #6-9)
12	285-17	4	Pipe Plug
13	237-22	1	O-Ring
14	25-2630	1	Back-Up Ring
15	88-8220	1	By-Pass Valve
16	25-2610	1	Accel. Valve Spring
17	25-2410	2	Asm-Accel. Valve
18	76-1900	2	O-Ring
19	353-550	2	Plug-Hex. Hd.
20	67-8020	1	Pump Shaft
21	3257-32	1	Key-Woodruff
22	54-7890	1	Pump Housing (Incl. Ref. #12 & 23-25)
23	252-82	2	Bearing-Needle

Ref. No.	Part No.	Qty.	Description
24	25-3210	2	Lip Seal
25	25-2510	2	Washer-Flat
26	25-2580	1	Trunnion Shaft
27	32151-46	2	Ring-Retaining
28	25-2460	2	Plug-HH
29	25-2470	2	Shim Pack
30	25-2570	1	Valve Spring
31	83-7260	2	Relief Valve Cone
32	353-551	1	Plug-HH
33	237-80	1	O-Ring
34	25-2550	1	Charge Pump Housing
35	67-8050	1	Bearing-Needle
36	93-4133	1	Lip Seal
37	322-4	4	Screw-HH
38	25-2680	1	Asm-Gerotor
39	25-2530	1	Headless Straight Pin
40	25-3190	1	Charge Pump (Incl. Ref. #34-39 & 41)
41	237-95	1	O-Ring
42	67-9090	2	Plug
43	25-2500	1	Trunnion Shaft
44	25-2480	1	Valve Spring
45	32120-15	1	Ring-Retaining
46	251-8	1	Bearing-Ball



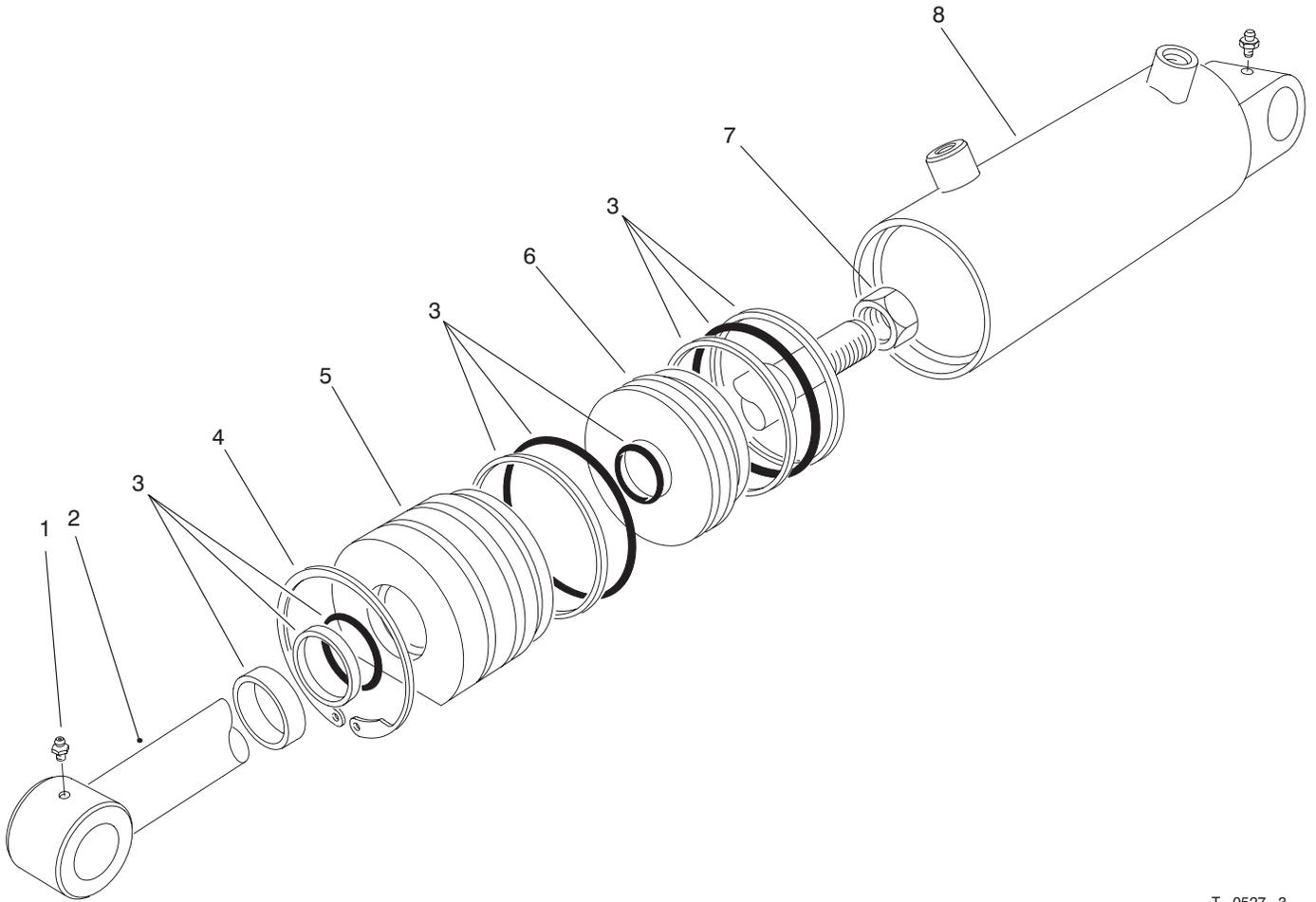
T-0426

Valve & Cylinder Assembly

Ref. No.	Part No.	Qty.	Description
1	353-512	1	Plug
2	21-8620	1	Lever Valve
3	233-21	1	Knob
4	32144-10	2	Screw-TAP
5	38-3400	1	Guard-Rubber
7	21-8640	1	Latch-Valve Lever
8	3272-6	1	Pin-Cotter
9	32121-73	1	Pin-Slotted Spring
10	3296-42	5	Nut-Lock
11	21-9010	1	Pivot Mount-Valve Lever
12	340-99	1	Fitting-90# Elbow
13	43-1710	1	Asm-Valve
14	321-23	5	Screw-HH
15	63-8990	1	Hose
16	2412-36	1	Clamp Hose
17	63-9260	1	Manifold-Valve
18	340-2	1	Adapter
18:1	237-22	1	O-Ring
18:2	237-42	1	O-Ring
19	92-7833	1	Hose-(Valve to Cylinder)
20	95-8849	1	Fitting-Straight
20:1	237-78	1	O-Ring
21	100-6586	1	Cylinder-Hydraulic

Ref. No.	Part No.	Qty.	Description
*	100-6591	1	Cylinder-Hydraulic (Optional)
22	92-7834	1	Hose
23	304-73	1	Fitting-Straight Barb
24	340-110	1	Elbow-90#
25	340-97	1	Fitting-90#
26	283-17	1	Pin
27	21-8590	1	Link-Valve Lever
28	2412-108	2	Clamp-Hose
29	237-22	2	O-Ring
30	237-30	2	O-Ring
31	237-42	2	O-Ring
32	237-78	2	O-Ring

*Not Illustrated



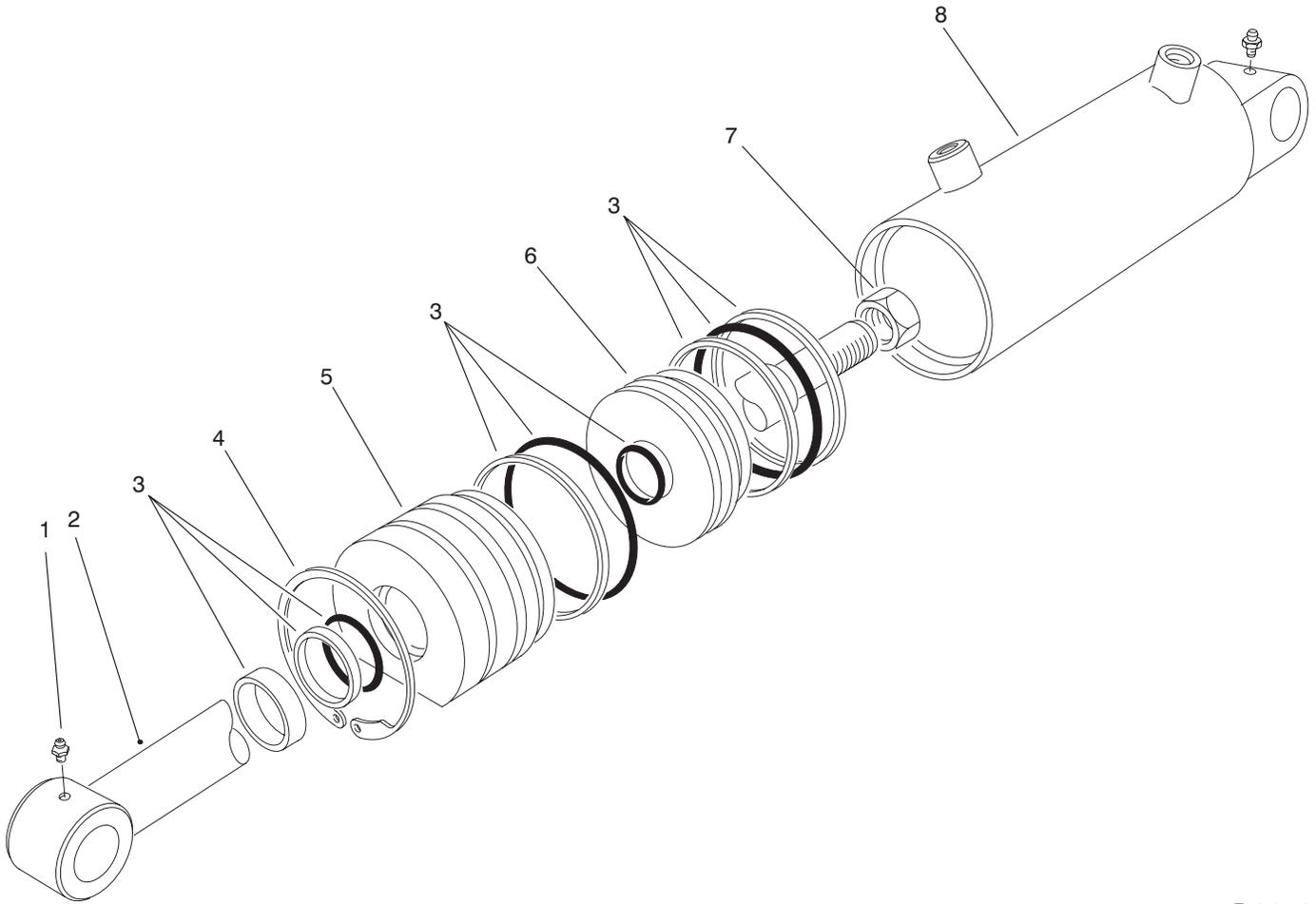
T-0527-3

Hydraulic Lift Cylinder Assembly No. 100-6586 (2-1/2" Bore)

Ref. No.	Part No.	Qty.	Description
1	302-55	2	Fitting-Grease
2	61-4980	1	Shaft-w/Clevis
3	61-4960	1	Kit-Repair
4	61-4990	1	Ring-Retaining
5	60-9780	1	Head
6	60-9770	1	Piston
7	60-9760	1	Nut
*8		1	Barrel

Ref. No.	Part No.	Qty.	Description

*Not Available Separately



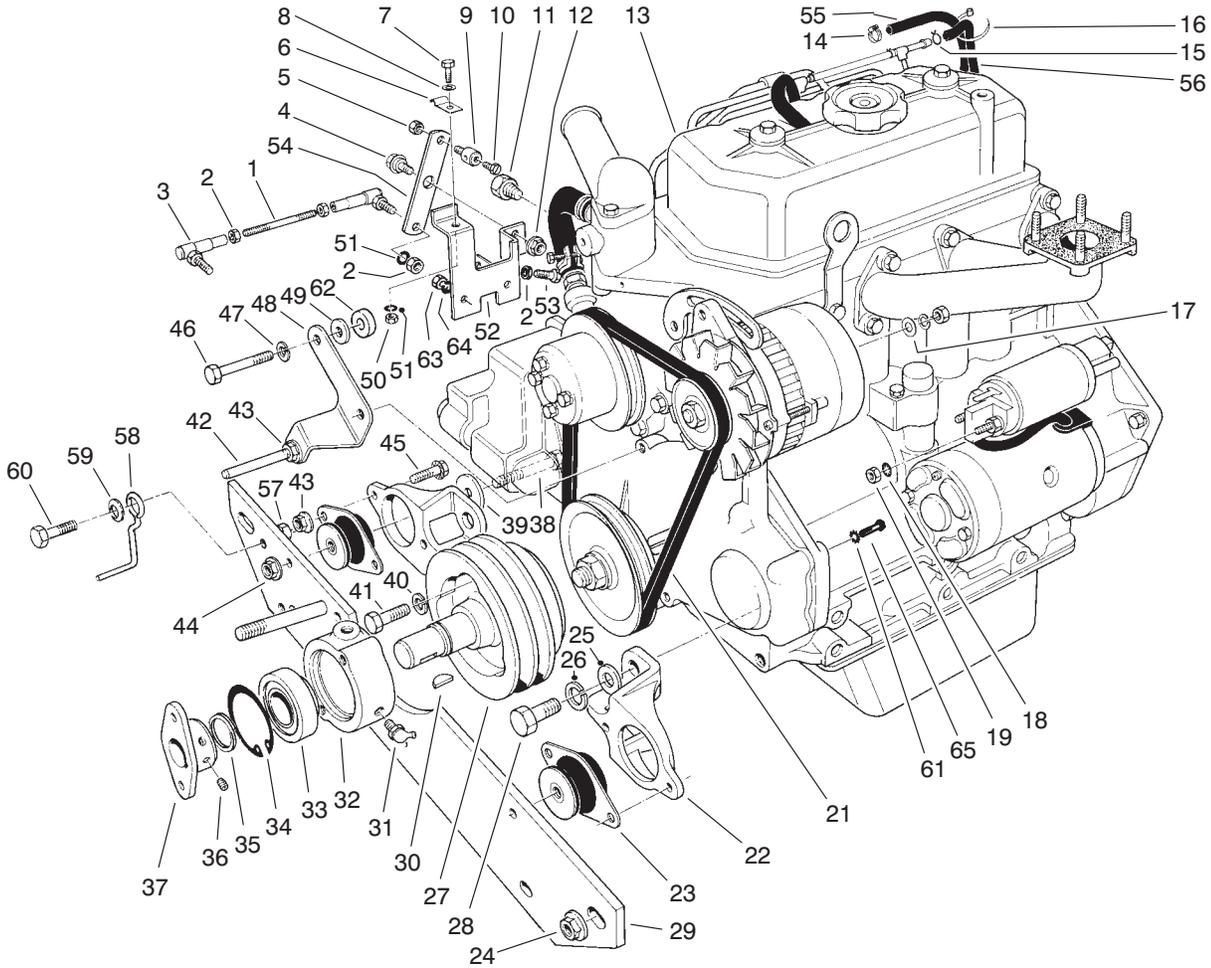
T-0527-3

Hydraulic Lift Cylinder Assembly No. 100-6591 (3-1/2" Bore)

Ref. No.	Part No.	Qty.	Description
1	302-55	2	Fitting-Grease
2	67-5480	1	Shaft
3	67-5500	1	Kit-Repair
4	67-5470	1	Ring-Retaining
5	67-5460	1	Head
6	67-5450	1	Piston
7	60-9760	1	Nut-Hex
*8		1	Barrel

Ref. No.	Part No.	Qty.	Description

*Not Available Separately

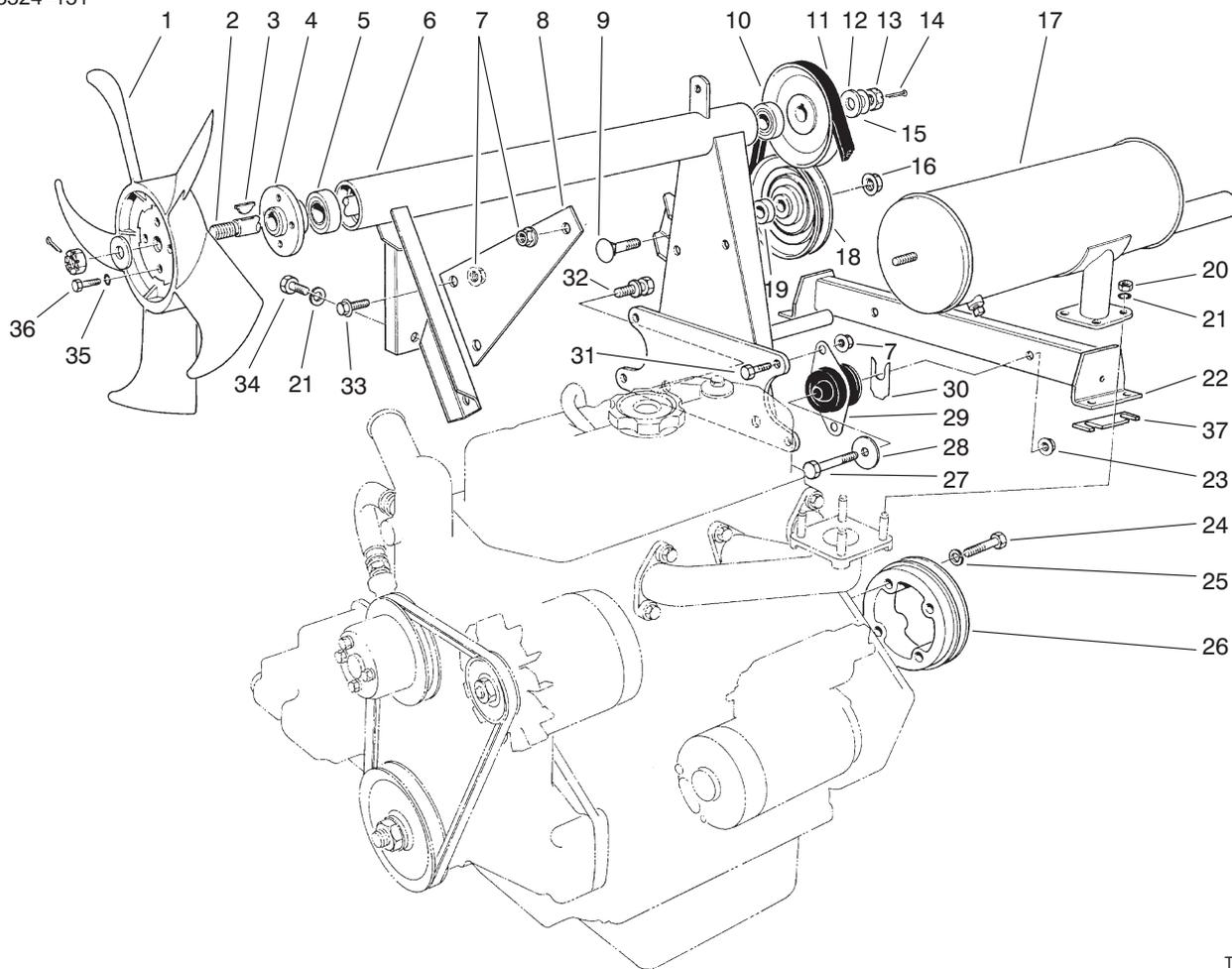


T-0429A

Engine Assembly

Ref. No.	Part No.	Qty.	Description
1	43-3770	1	Link-Throttle
2	3219-1	5	Nut
3	18-1720	2	Asm-Ball Joint
4	37-8770	1	Bolt-Shoulder
5	3296-20	1	Nut-Lock
6	2412-31	1	Clamp-Bodine
7	321-4	1	Screw-HH
8	3256-22	1	Washer-Flat
9	43-3780	1	Swivel-Throttle Control
10	25-8640	1	Screw-Machine
11	43-1940	1	Adapter-Temp. Gauge
12	32152-1	1	Nut-HFH
13	94-9160	1	Engine
14	2412-108	1	Clamp-Worm Drive
15	2412-79	1	Clamp
16	3290-379	1	Cable Tie
17	5-3637	1	Washer
18	3254-2	2	Washer-Lock
19	33014-00	1	Nut-Hex.
21	42-9100	1	Belt-Fan
22	53-9710	2	Engine Mount
23	53-9680	2	Engine Mount-Rubber
24	32128-23	2	Nut-HFH
25	3256-64	4	Washer-Flat
26	43-5950	4	Washer-Lock
27	43-3510	1	Pulley-Engine

Ref. No.	Part No.	Qty.	Description
28	82-5050	4	Screw-HH
29	75-9900	1	Engine Support-Front
30	3257-33	1	Key-Woodruff
31	302-10	1	Fitting-Grease
32	43-3720	1	Collar-Bearing
33	251-252	1	Bearing-Ball
34	32120-22	1	Ring-Retaining Internal
35	32120-69	1	Ring-Retaining External
36	3241-5	2	Screw-Set Socket Head
37	27-1960	1	Hub-Engine
38	324-12	2	Screw-HH
39	53-9480	2	Washer
40	48-9590	3	Washer-Lock
41	43-3190	3	Screw-HH
42	21-1820	2	Stud-Belt Retainer
43	3290-357	7	Nut-HFH
44	32128-37	2	Nut-HFH
45	3234-11	4	Screw-HH
46	42-9510	2	Screw-HH
47	3253-4	2	Washer-Lock
48	43-3790	1	Bracket-Belt Guide
49	4-2390	2	Washer



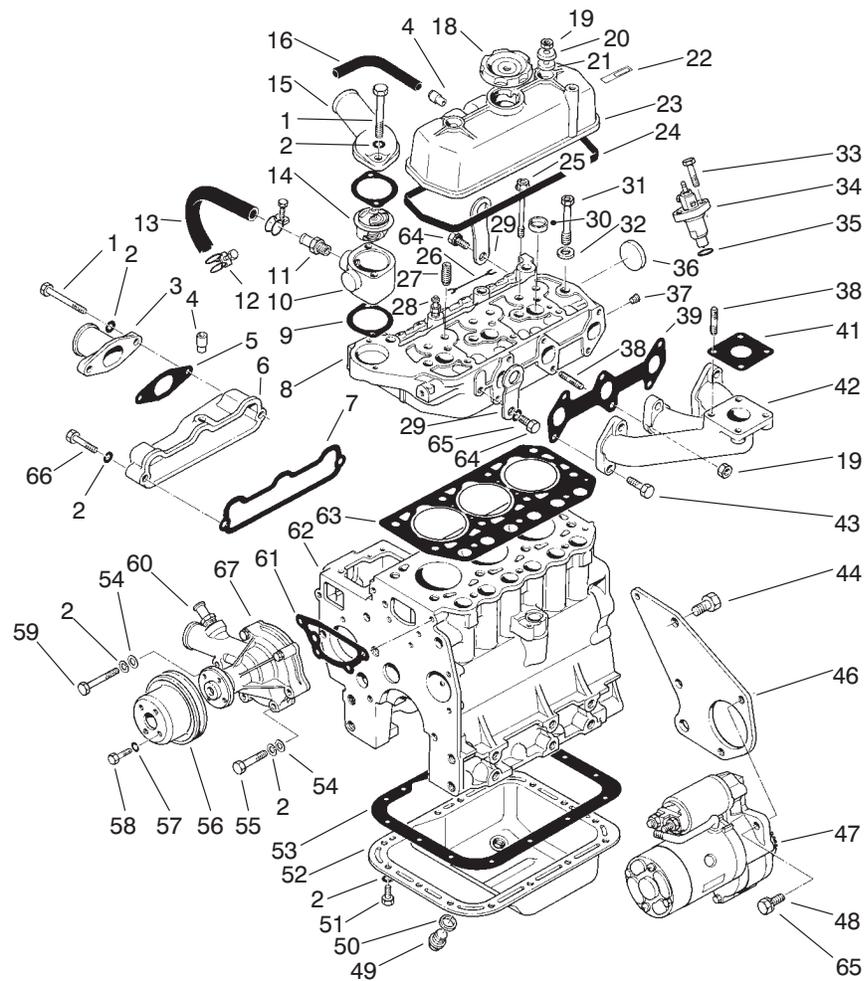
T-0430-4

Engine Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
1	43-1911	1	Fan-Cooling
2	43-3690	1	Fan-Shaft
3	3257-30	2	Key-Woodruff
4	43-3700	1	Hub-Fan
5	38-7820	2	Bearing
6	53-9750	1	Fan Mount
7	3290-357	8	Nut-Lock, Flange
8	43-3870	1	Support-Muffler
9	3233-14	1	Bolt-Carriage
10	43-3880	1	Pulley
11	43-5910	1	V-Belt
12	29-8910	2	Washer
13	32136-3	2	Nut-Hex. Slotted
14	3272-16	2	Pin-Cotter
15	3-6803	A/R	Washer
16	32128-23	1	Nut-Lock, Flange
17	43-3850	1	Muffler
18	66-5310	1	Idler Pulley
19	66-5320	1	Spacer
20	42-9580	4	Nut
21	3253-4	5	Washer-Lock
22	77-3140	1	Engine Mount
23	32128-37	2	Nut-Lock, Flange
24	43-3200	4	Screw-HH
25	48-9590	4	Washer-Lock
26	43-3530	1	Pulley Flywheel

Ref. No.	Part No.	Qty.	Description
27	324-11	2	Screw-HH
28	53-9480	2	Washer
29	53-9680	2	Engine Mount-Rubber
30	42-6080	A/R	Shim
31	3234-11	4	Screw-HH
32	66-7030	2	Screw-Cap, w/Washer
33	3234-12	2	Screw-Lock, Flange
34	42-9230	1	Screw-HH
35	3253-3	4	Washer-Lock
36	321-3	4	Screw-HH
37	68-9110	A/R	Shim
*	68-9111	A/R	Shim
*	68-9112	A/R	Shim

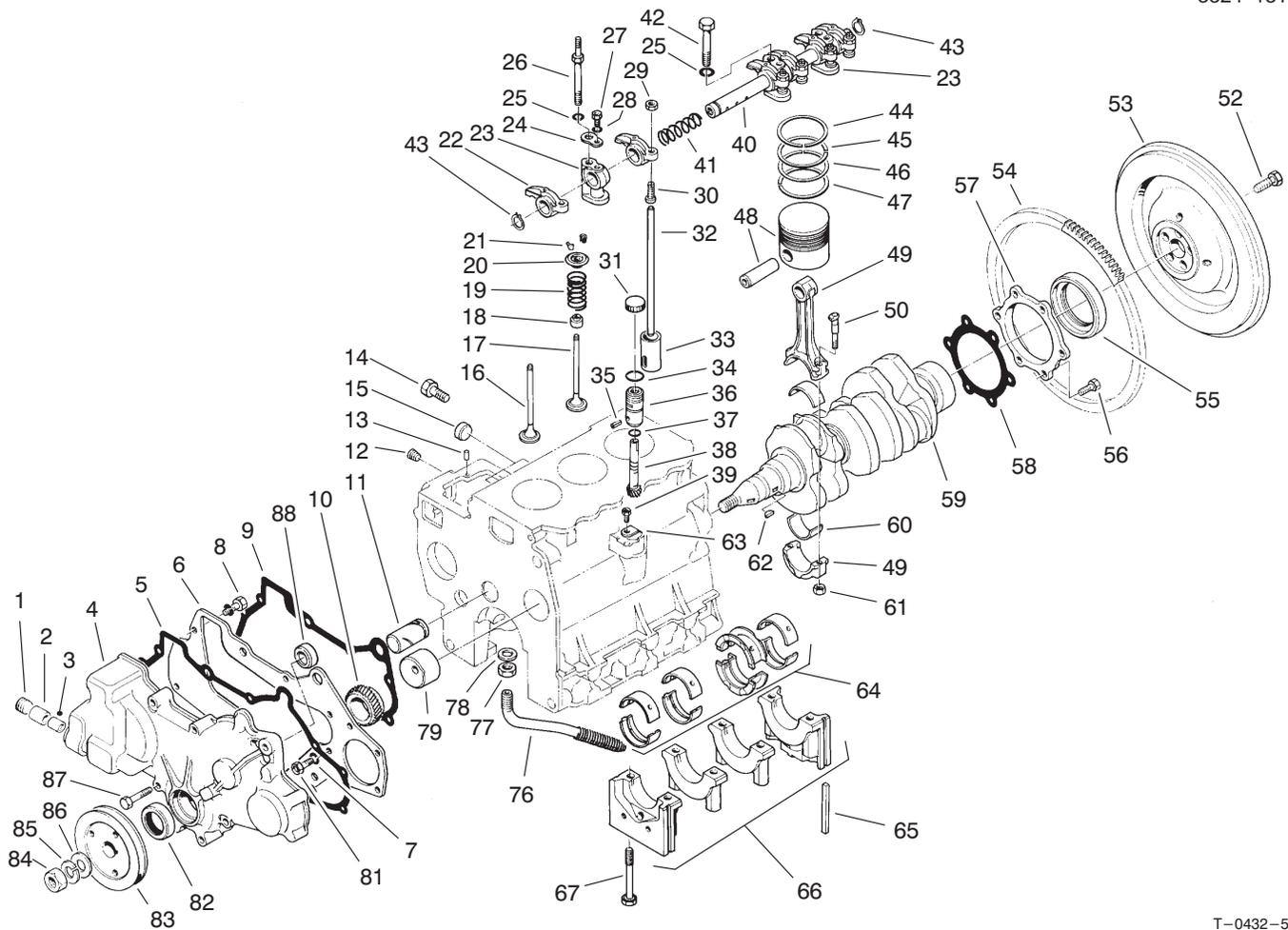
*Not Illustrated



T-0431-3

Engine Assembly (Continued)

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	42-9310	4	Screw-HH	26	42-9180	2	Wire-Glow Plug Lead
2	42-9850	24	Washer-Lock	27	42-7460	6	Guide-Valve
3	42-9150	1	Pipe Inlet	28	42-7480	3	Glow Plug
4	42-7510	2	Pipe	29	42-7440	2	Hanger-Engine
5	42-9160	1	Gasket-Inlet Pipe	30	42-7080	3	Cap-Sealing
6	42-9120	1	Asm-Intake Manifold	31	42-9320	8	Bolt-Cylinder Head
7	42-9140	1	Gasket-Intake Manifold	32	42-9790	8	Washer-Head Bolt
8	93-1369	1	Asm-Head, Cylinder	33	42-9390	6	Bolt
9	42-7550	2	Gasket	34	44-8070	3	Asm-Nozzle & Holder
10	43-1790	1	Fitting-Thermostat	35	42-8120	3	Gasket-Nozzle Holder
11	42-7740	1	Nipple-Hose	36	42-7090	1	Cap-Sealing
12	43-3140	2	Clamp-Hose	37	67-2570	1	Plug-Taper 1/8
13	43-3130	1	Hose-Water (Incl. Ref. #12)	38	42-9570	5	Stud
14	93-3524	1	Thermostat	39	42-9170	1	Gasket-Exhaust Manifold
15	42-7540	1	Fitting-Water Outlet	41	42-9110	1	Gasket
16	93-3685	1	Pipe-Air Breather	42	43-1870	1	Manifold-Exhaust
18	42-7420	1	Cap-Oil Filter	43	42-9520	5	Screw-HH
19	42-9580	3	Nut	44	42-9240	3	Screw-HH
20	42-9800	2	Washer	46	43-1770	1	Plate-Rear
21	42-7490	2	Seal-Oil	47	46-7610	1	Asm-Starter
22	42-7530	1	Label-Engine No.	48	43-0090	2	Screw-HH
23	42-7500	1	Asm-Cover, Rocker	49	42-9260	1	Plug-Oil Drain
24	42-7520	1	Gasket-Rocker Cover	50	42-7290	1	Gasket-Oil Drain Plug
25	93-3180	3	Bolt-Cylinder Head	51	42-9230	15	Screw-HH

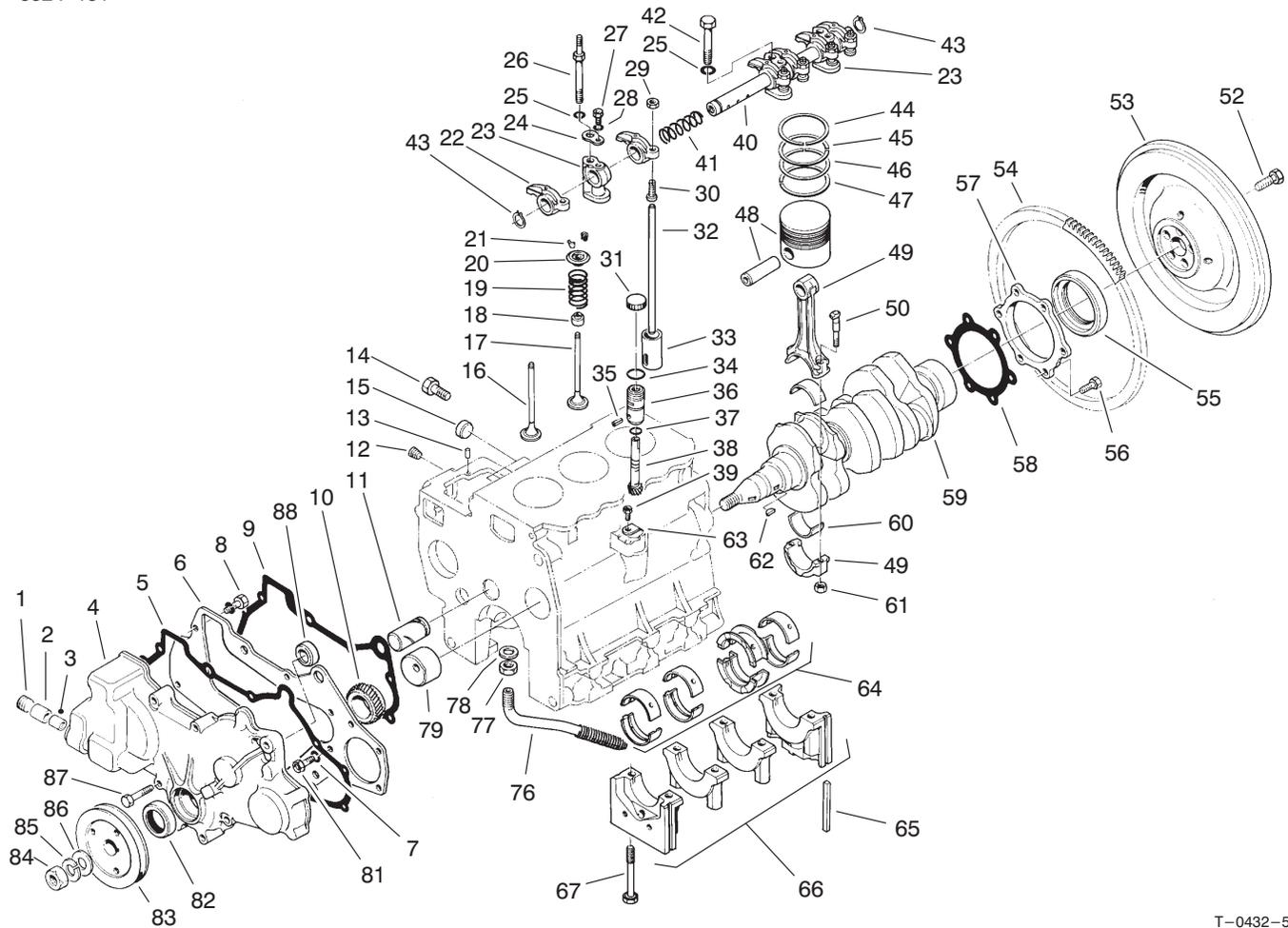


T-0432-5

Engine Assembly (Continued)

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	42-7400	1	Plug-Taper	27	42-9350	2	Screw-HH
2	42-7320	1	Bearing-Needle	28	43-5930	2	Washer-Lock
3	42-7310	1	Bearing-Needle	29	42-9620	6	Nut-Jam
4	93-3689	1	Case-Gear	30	42-7980	6	Screw-Adjusting
5	42-7340	1	Gasket-Gear Case	31	93-3688	1	Cap-Shipping
6	62-3740	1	Plate-Front	32	42-7920	6	Rod-Push
7	42-9850	5	Washer-Lock	33	42-7890	6	Tappet
8	67-2340	2	Screw-HWH	34	42-9010	1	O-Ring
9	42-7150	1	Gasket-Front Plate	35	42-8970	1	Pin-Spring
10	42-7700	1	Gear-Crankshaft	36	42-8980	1	Sleeve-Gear
11	42-7110	1	Shaft-Idler	37	42-8990	1	O-Ring
12	67-2390	3	Plug-Taper	†38		1	Gear-Driven
13	56-0220	2	Pin-Dowel	39	42-9440	1	Screw-HH
14	42-9250	4	Screw-HH	40	42-7960	1	Asm-Shaft Rocker
15	42-7080	2	Cap-Sealing	41	42-7930	1	Spring-Rocker Shaft L.H.
16	93-1351	3	Valve-Intake	42	42-9370	1	Screw-HH
17	93-1352	3	Valve-Exhaust	43	42-7990	2	Ring-Snap
18	92-1961	6	Seal-Valve Stem	44	72-4200	3	Ring-Set-Piston Std.
19	42-7880	6	Spring-Valve	45	72-4210	3	Ring Set-Piston 0.25 (.010 in.) 0.5.
20	42-7850	6	Retainer-Valve Spring	46	72-4220	3	Ring Set-Piston 0.50 (.020 in.) 0.5.
21	42-7860	12	Lock-Spring Retainer	47	72-4230	3	Ring Set-Piston 0.75 (.030 in.) 0.5.
22	42-7940	6	Arm-Rocker				
23	42-7970	3	Stay-Rocker				
24	42-7950	2	Washer-Seat				
25	48-9590	3	Washer-Spring				
26	42-9360	2	Bolt				

†Not Available Separately



T-0432-5

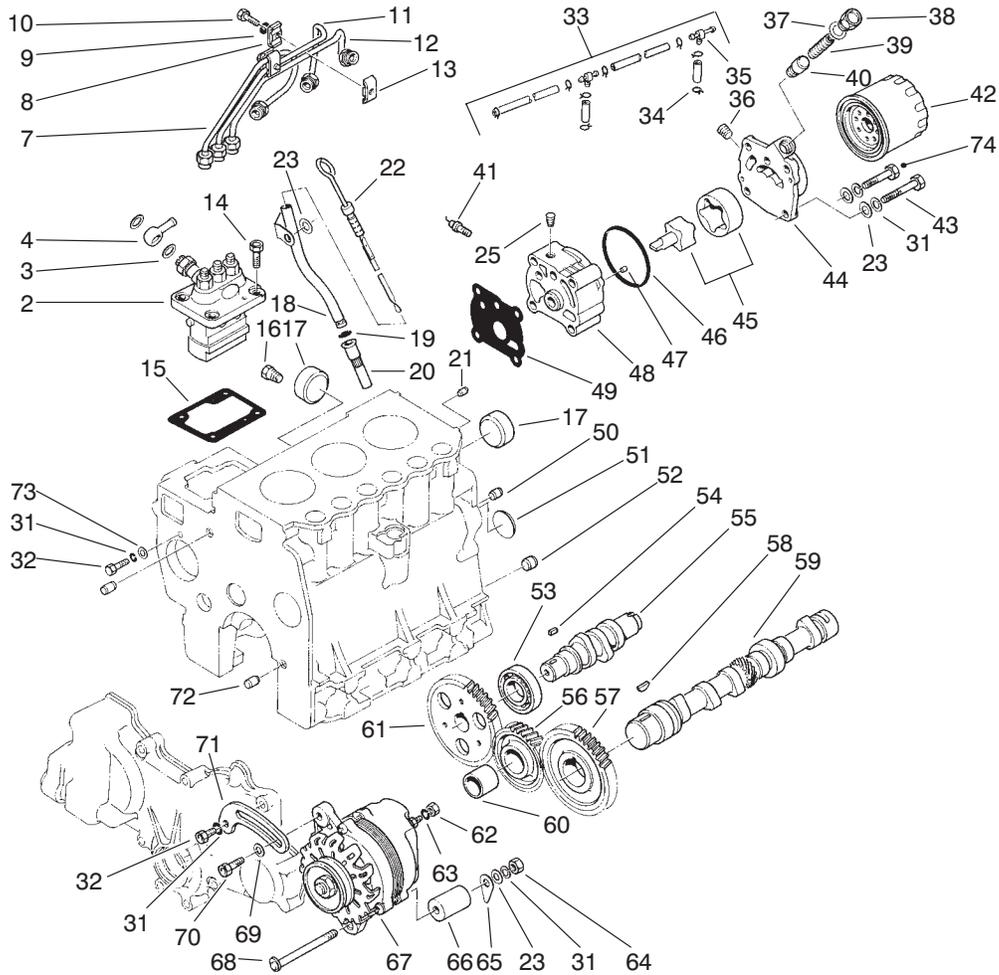
Engine Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
48	72-4240	3	Piston & Piston Pin Std.
*	72-4250	3	Piston & Piston Pin 0.25 (.010 in.) 0.5.
*	72-4260	3	Piston & Piston Pin 0.50 (.020 in.) 0.5.
*	72-4270	3	Piston & Piston Pin 0.75 (.030 in.) 0.5.
49	42-7650	3	Asm-Connecting Rod
50	67-2860	6	Bolt-Connecting Rod
52	54-8670	5	Bolt-Flywheel
53	43-1800	1	Flywheel (Incl. Ref. #54)
54	43-1810	1	Gear-Ring
55	42-7060	1	Seal-Oil
56	42-9220	6	Screw-HH
57	42-7120	1	Case-Oil Seal
58	42-7130	1	Gasket-Oil Seal
59	42-7710	1	Crankshaft
60	42-7660	3	Bearing Set Connecting Rod Std.
*	42-7670	3	Bearing Set Connecting Rod 0.25 (.010 in.) U.S.
*	42-7680	3	Bearing Set Connecting Rod

Ref. No.	Part No.	Qty.	Description
*60	42-7690	3	0.50 (.020 in.) U.S. Bearing Set
			Connecting Rod 0.75 (.030 in.) U.S.
61	42-9590	6	Nut-Connecting Rod
62	42-7730	2	Key-Woodruff
63	42-9020	1	Plate-Locking
64	93-3387	1	Bearing Set Crankshaft Std.
*	42-7240	1	Bearing Set-Crankshaft 0.25 (.010 in.) U.S.
*	93-3388	1	Bearing Set-Crankshaft 0.50 (.020 in.) U.S.
*	42-7260	1	Bearing Set-Crankshaft 0.75 (.030 in.) U.S.
65	42-7040	4	Seal-Side
†66		1	Asm-Bearing Cap
67	42-9210	8	Bolt-Bearing Cap
76	48-2010	1	Asm-Screen, Oil
77	48-1990	1	Nut-Jam
78	48-1980	1	Gasket
79	42-7100	1	Bushing-Camshaft

*Not Illustrated

†Not Available



T-0433-3

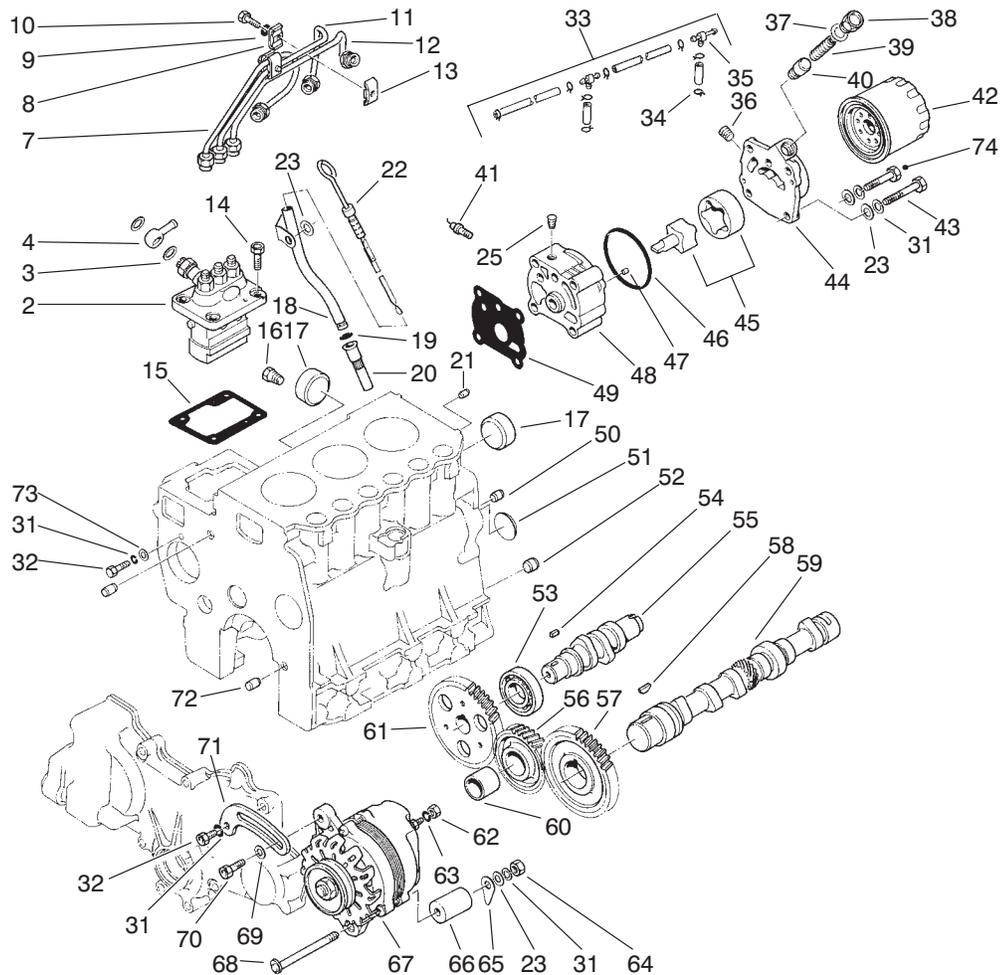
Engine Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
†2		1	Asm-Pump, Fuel Injection
3	42-9830	2	Washer-Seal
4	42-8100	1	Collar-Union
7	42-8130	1	Asm-Pipe, Fuel Injection (No. 1)
8	56-0750	2	Clamp
9	43-5930	1	Washer-Lock
10	43-2600	2	Screw-HH
11	42-8140	1	Asm-Pipe, Fuel Injection (No. 2)
12	42-8150	1	Asm-Pipe, Fuel Injection (No.3)
13	56-0760	2	Clamp
†14	66-3160	3	Screw-HH
15	42-8010	A/R	Shim-0.2 (.008 in.)
*	42-8020	A/R	Shim-0.3 (.012 in.)
15	42-8030	A/R	Shim-0.4 (.016 in.)
*	42-8040	A/R	Shim-0.5 (.020 in.)
*	42-8050	A/R	Shim-0.6 (.024 in.)
*	42-8060	A/R	Shim-0.7 (.028 in.)
*	42-8070	A/R	Shim-0.8 (.032 in.)
*	42-8080	A/R	Shim-0.9 (.036 in.)
*	42-8090	A/R	Shim-1.0 (.039 in.)
16	281-1	1	Plug-Taper
17	42-7090	2	Cap-Sealing

Ref. No.	Part No.	Qty.	Description
18	42-7050	1	Guide-Oil Level Gauge
19	43-2710	1	O-Ring
20	72-6950	1	Retainer-Oil Level Guide
21	42-7160	1	Pin-Dowel
22	42-7270	1	Asm-Gauge, Oil Level
23	42-9660	6	Washer-Flat
25	67-2570	1	Plug-Taper
31	42-9850	7	Washer-Lock
32	42-9230	2	Screw-HH
33	42-8180	1	Asm-Fuel Return Pipe
34	2412-79	8	Clamp-Hose
35	42-8190	2	Joint
36	67-2390	1	Plug-Taper
37	42-7290	1	Gasket
38	67-2520	1	Plug
39	42-8930	1	Spring-Relief
40	67-2500	1	Plunger-Relief
41	56-1310	1	Asm-Oil Pressure Switch
42	67-4330	1	Asm-Filter, Oil
43	42-9480	3	Screw-HH
44	42-8920	1	Cover-Oil Pump
45	42-8910	1	Asm-Rotor, Oil Pump
46	42-8940	1	O-Ring

*Not Illustrated

†Item must be serviced by a Mitsubishi Authorized Toro Dealer/Distributor.

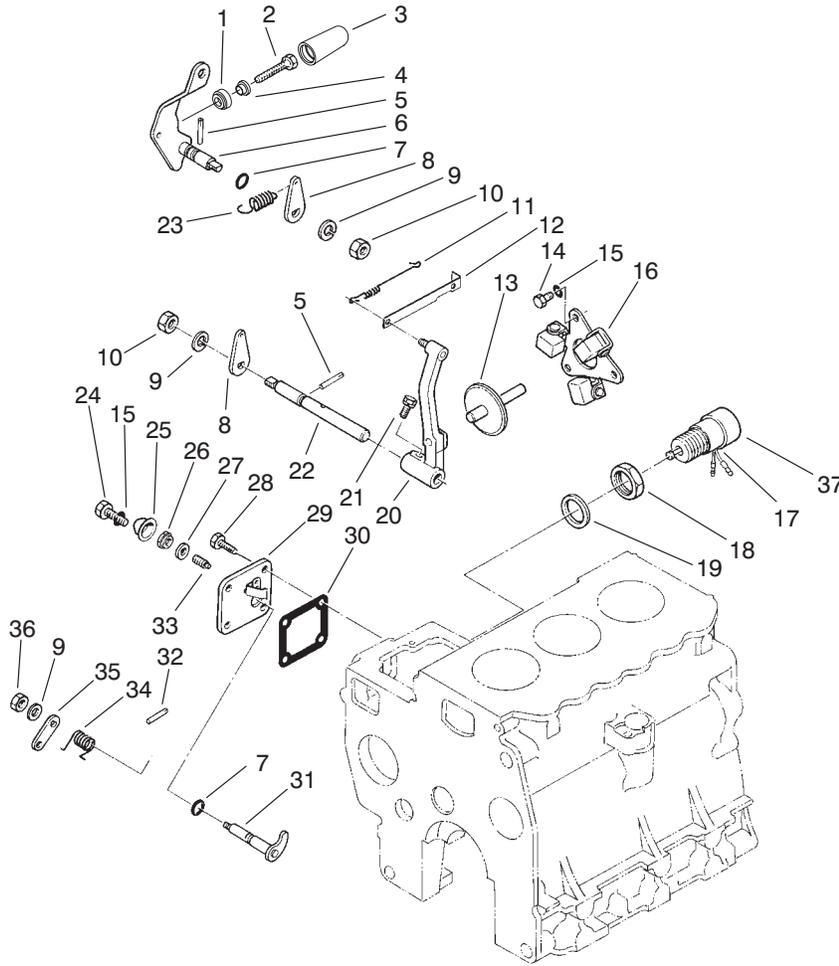


T-0433-3

Engine Assembly (Continued)

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
47	93-3657	2	Pin-Dowel	69	54-8660	1	Washer
48	42-8900	1	Body-Oil Pump	70	67-4660	1	Screw-HFH
49	42-8950	1	Gasket-Oil Pump Body	71	43-0400	1	Brace-Alternator
50	42-7180	2	Bushing-Knock	72	42-7190	2	Bushing-Knock
51	42-7170	1	Plug-Expansion	73	42-9820	1	Washer
52	42-7200	1	Bushing-Knock	74	56-2120	1	Screw-HH
53	93-3409	1	Bearing-Ball	*	42-8850	1	Asm-Oil Pump (Incl. Ref. 36-40 & 44-48)
54	42-7840	1	Key-Sunk	*	95-3092	1	Kit-400 Hour Filter (Incl. Ref. #42)
55	42-7810	1	Shaft-Injection Pump Cam				
56	42-7790	1	Asm-Idler Gear (Incl. Ref. #60)				
57	42-7780	1	Gear-Camshaft				
58	42-7730	1	Key-Woodruff				
59	72-4280	1	Camshaft				
60		1	Bushing-Idler Gear				
61	42-7830	1	Gear-Injection Pump Cam				
62	43-5970	1	Nut				
63	43-5920	1	Washer-Lock				
64	42-9580	1	Nut				
65	43-0370	A/R	Shim				
66	43-0380	1	Spacer				
67	43-0390	1	Alternator (Model AH2035M4)				
68	43-1900	1	Screw-HH				

*Not Illustrated



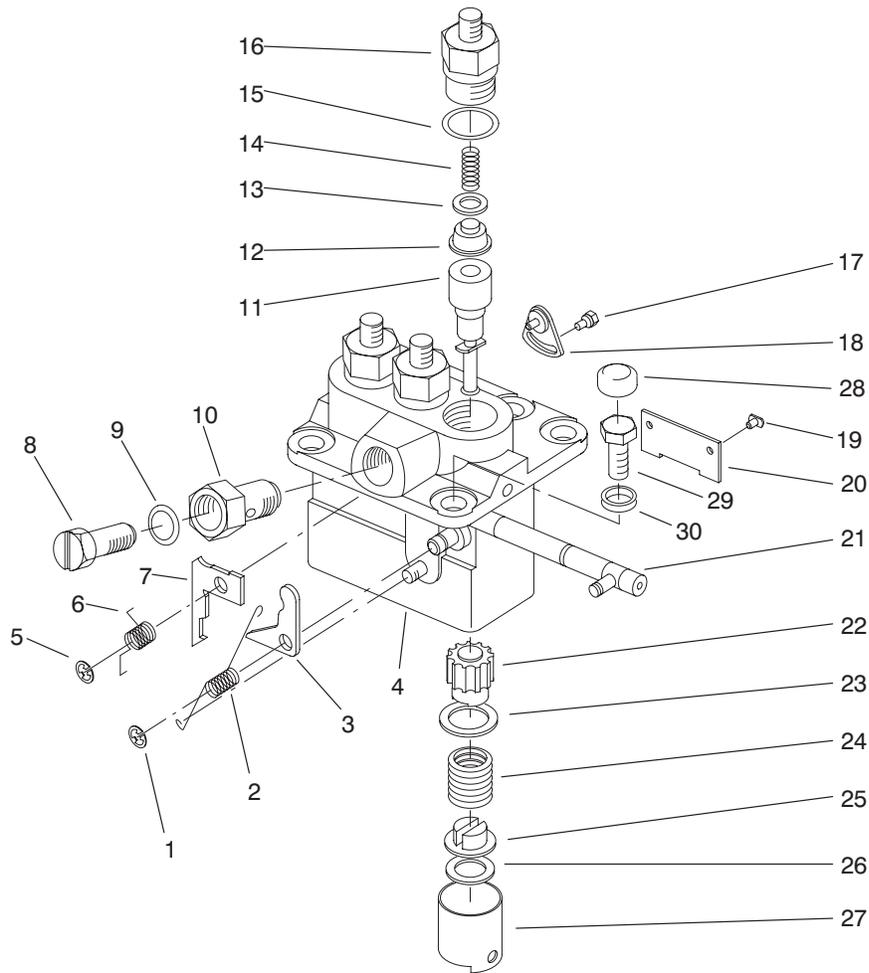
T-2434-4

Engine Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
†1		1	C-Ring, High Speed Set
†2		1	Bolt-High Speed Set
†3		1	Cover-High Speed Set
†4		1	Nut-High Speed Set
5	42-8810	2	Pin-Grooved
6	42-8780	1	Asm-Speed Control Lever
7	42-8830	2	O-Ring
8	42-8770	2	Lever-Governor Spring
9	42-9850	2	Washer-Lock
10	42-9580	2	Nut-Jam
11	42-8740	1	Spring-Tie Rod
12	42-8750	1	Tie Rod
13	42-8720	1	Asm-Sliding Shaft
14	42-9430	3	Screw-HH
15	43-5930	4	Washer-Lock
16	67-4040	1	Asm-Weight, Governor
17	43-2730	1	Solenoid-Tubular
18	43-2750	1	Nut
19	43-2740	1	Gasket
20	42-8730	1	Asm-Governor Lever
21	42-9450	1	Asm-Bolt/Washer
22	42-8760	1	Governor Shaft
23	42-8820	1	Governor Spring
24	43-2800	1	Screw-HH

Ref. No.	Part No.	Qty.	Description
25	43-2820	1	Sealing Cap
26	43-5960	1	Nut-Special
27	43-3120	1	Washer-Seal
28	67-2560	3	Screw-HH
29	42-8790	1	Asm-Cover (Incl. Ref. #25, 27 & 33)
30	42-8800	1	Gasket Cover
31	44-8090	1	Asm-Lever, Stop
32	42-8810	1	Pin-Grooved
33	43-3160	1	Screw-Adjusting
34	44-8100	1	Spring Return
35	43-2770	1	Lever-Stop
36	42-9640	1	Nut-Jam
37	62-6940	1	Cap

†Item must be serviced by a Mitsubishi Authorized Toro Dealer/Distributor.



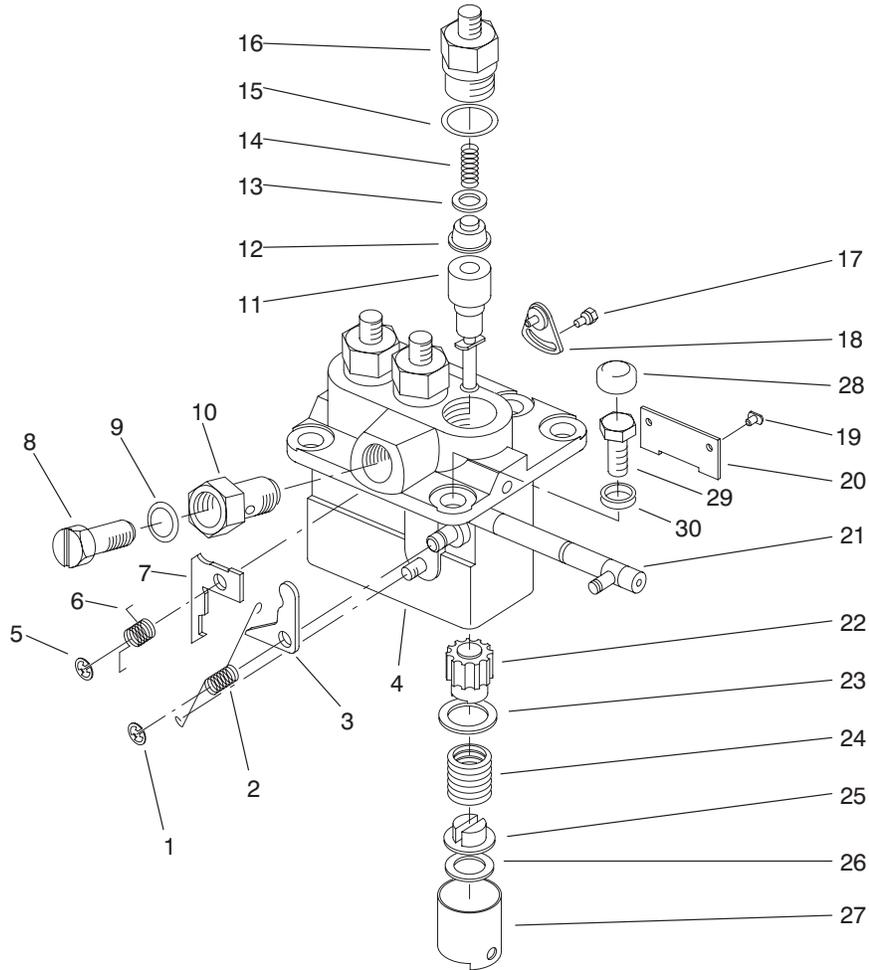
T-2435-2

Fuel Injection Pump Assembly

Ref. No.	Part No.	Qty.	Description
1	70-4240	1	E-Ring
2	43-3110	1	Spring-Ungleich Set
3	95-1566	A/R	Plate-Ungleich Set 17.0 (.669 in) Mark 6
*	95-1567	A/R	Plate-Ungleich Set 16.9 (.665 in) Mark 7
*	95-1568	A/R	Plate-Ungleich Set 16.8 (.661 in) Mark 8
*	95-1569	A/R	Plate-Ungleich Set 16.7 (.657 in) Mark 9
*	95-1570	A/R	Plate-Ungleich Set 16.6 (.654 in) Mark 10
*	95-1571	A/R	Plate-Ungleich Set 16.85 (.663 in) Mark 11
*	95-1572	A/R	Plate-Ungleich Set 16.75 (.659 in) Mark 12
4		1	Asm-Pump Housing
5	54-8780	1	E-Ring
6	42-8460	1	Spring Return
7	54-8700	A/R	Plate-Smoke Set 2.3 (.091 in.) Mark 60
*	43-3010	A/R	Plate-Smoke Set 2.4 (.095 in.) Mark 61
*	56-0950	A/R	Plate-Smoke Set 2.5 (.098 in.) Mark 62
7	43-3020	A/R	Plate-Smoke Set

Ref. No.	Part No.	Qty.	Description
*	95-1573	A/R	2.6 (.102 in.) Mark 63 Plate-Smoke Set
*	95-1574	A/R	1.2 (.047 in.) Mark 49 Plate-Smoke Set
*	95-1576	A/R	1.3 (.051 in.) Mark 50 Plate-Smoke Set
*	56-0900	A/R	1.4 (.055 in.) Mark 51 Plate-Smoke Set
*	56-0990	A/R	1.5 (.059 in.) Mark 52 Plate-Smoke Set
*	56-0910	A/R	1.6 (.063 in.) Mark 53 Plate-Smoke Set
*	56-0910	A/R	1.7 (.067 in.) Mark 54 Plate-Smoke Set
*	56-1000	A/R	1.8 (.071 in.) Mark 55 Plate-Smoke Set
*	56-0920	A/R	1.9 (.075 in.) Mark 56 Plate-Smoke Set
*	56-1010	A/R	2.0 (.079 in.) Mark 57 Plate-Smoke Set
*	56-0930	A/R	2.1 (.083 in.) Mark 58 Plate-Smoke Set
*	43-3000	A/R	2.2 (.087 in.) Mark 59 Plate-Smoke Set
8	42-8370	1	Screw-Air Breather

*Not Illustrated



T-2435-2

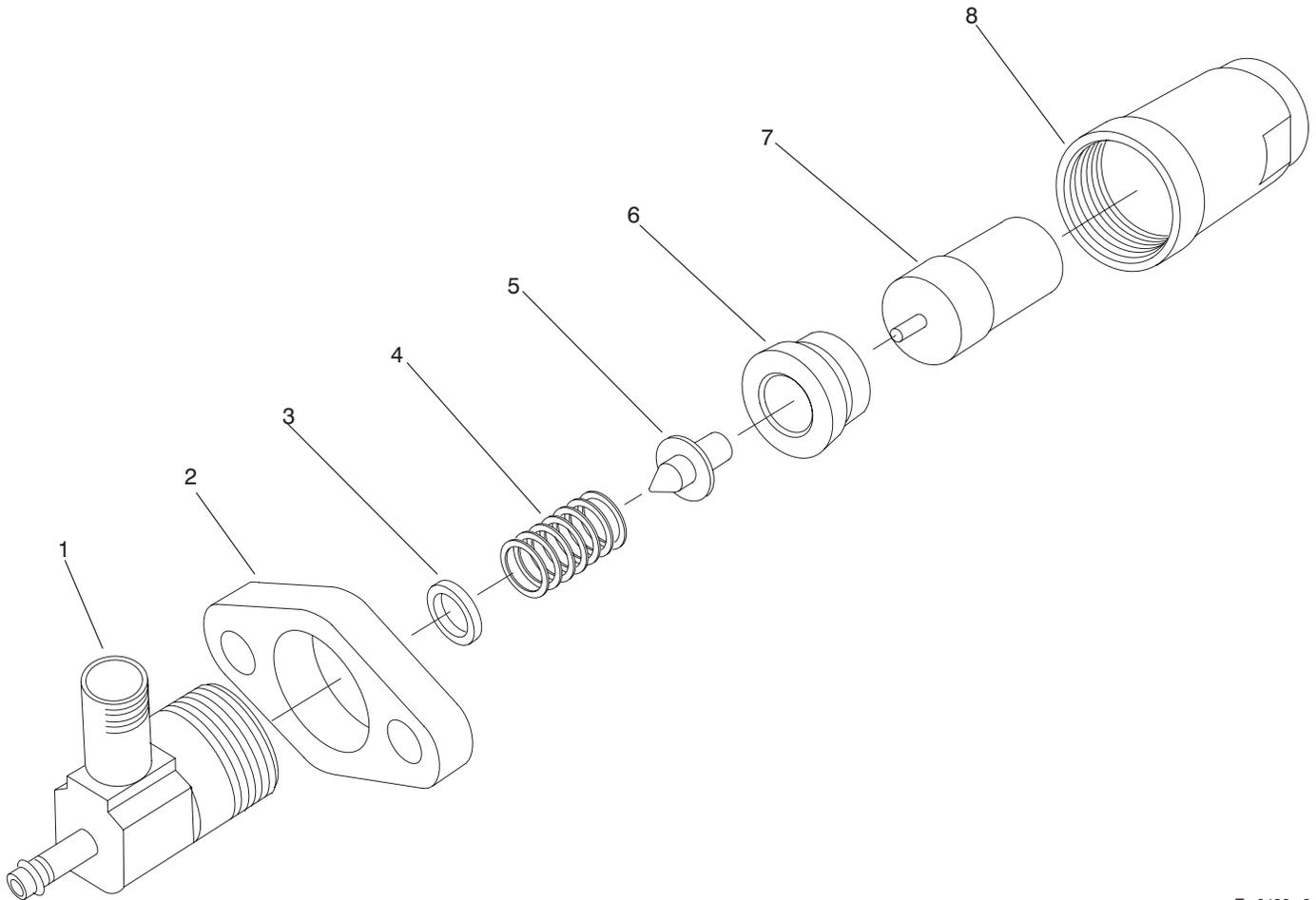
Fuel Injection Pump Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
9	42-9770	1	Washer
10	42-8380	1	Screw-Hollow
11	42-8260	3	Asm-Element
12	42-8250	3	Asm-Delivery Valve
13	42-8240	3	Gasket-Delivery Valve
14	42-8230	3	Spring-Delivery Valve
15	42-8330	3	O-Ring
16	42-8220	3	Holder-Delivery Valve
17	43-3150	2	Asm-Bolt/Washer
18	42-8360	2	Asm-Plate, Adjusting
19	42-8340	3	Pin-Tappet Guide
20	42-8350	1	Plate
21	42-8310	1	Asm-Rack, Control
22	42-8270	3	Sleeve-Plunger Control
23	42-8280	3	Seat-Spring, Upper
24	42-8290	3	Spring-Pump Plunger
25	42-8320	3	Seat-Spring, Lower
26	70-3970	A/R	Shim-Plate 0.6 (.0241 in.)
*	70-4070	A/R	Shim-Plate 0.2 (.008 in.)
26	70-4080	A/R	Shim-Plate 0.3 (.0121 in.)
*	70-4090	A/R	Shim-Plate 0.4 (.016 in.)

Ref. No.	Part No.	Qty.	Description
*	70-4100	A/R	Shim-Plate 0.5 (.020 in.)
*	42-8440	A/R	Shim-Plate 0.25 (.010 in.)
*	42-8450	A/R	Shim-Plate 0.35 (.014 in.)
*	43-6240	A/R	Shim-Plate 0.45 (.018 in.)
*	54-8680	A/R	Shim-Plate 0.55 (.022 in.)
*	54-8690	A/R	Shim-Plate 0.65 (.026 in.)
27	42-8300	3	Asm-Tappet
†28		1	Cover
†29		1	Screw-HH
†30		1	C-Ring

*Not Illustrated

†Item must be serviced by a Mitsubishi Authorized Toro Dealer/Distributor.



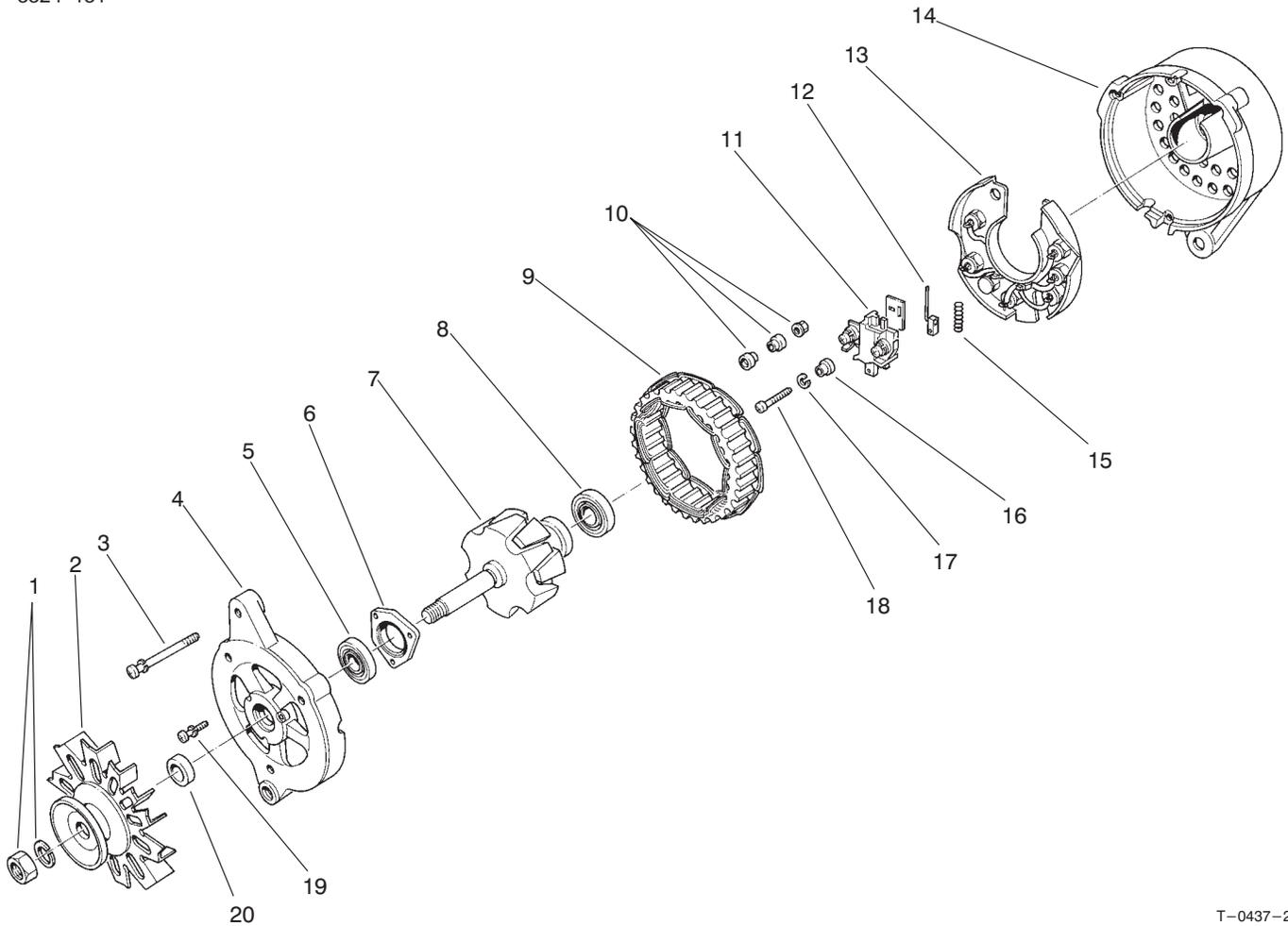
T-0436-3

Nozzle & Holder Assembly No. 44-8070

Ref. No.	Part No.	Qty.	Description
1	44-8080	3	Body
2	42-8670	3	Flange
3	42-9680	A/R	Washer 1.3 (.051 in.)
*	42-9690	A/R	Washer 1.35 (.053 in.)
*	42-9700	A/R	Washer 1.4 (.055 in.)
*	42-9710	A/R	Washer 0.9 (.035 in.)
*	42-9720	A/R	Washer 1.0 (.039 in.)
*3	42-9730	A/R	Washer 1.1 (.043 in.)
*	42-9740	A/R	Washer 1.2 (.047 in.)
*	42-9750	A/R	Washer 0.1 (.004 in.)
4	51-7500	3	Spring-Pressure
5	93-3181	3	Pin-Pressure
6	51-7520	3	Piece-Distance
7	42-8680	3	Asm-Nozzle
8	42-8650	3	Nut-Retaining

Ref. No.	Part No.	Qty.	Description

*Not Illustrated

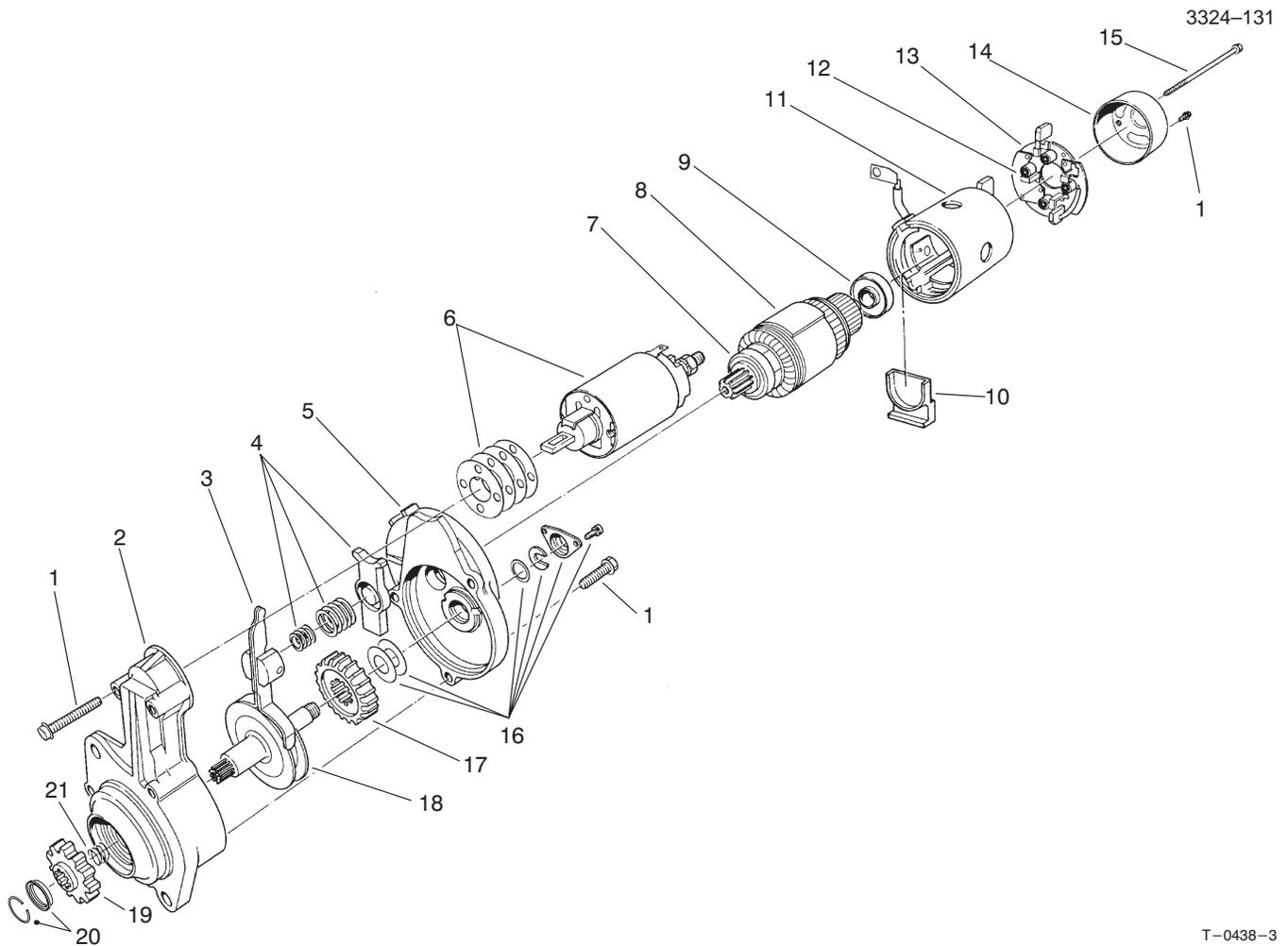


T-0437-2

Alternator Assembly No. 43-0390

Ref. No.	Part No.	Qty.	Description
1	51-7850	1	Nut Set
2	43-0420	1	Asm-Pulley (Incl. Ref. #20)
3	43-0120	1	Screw-Set
4	43-0430	1	Asm-Bracket, Front (Incl. Ref. #5-6 & 19)
5	70-3320	1	Bearing-Front
6	43-0470	1	Plate-Bearing Retainer
7	51-7910	1	Asm-Rotor (Incl. Ref. #8)
8	51-7920	1	Bearing-Rear
9	43-0470	1	Stator
10	43-0080	1	Nut-Set
11	43-0490	1	Asm-Holder, Brush (Incl. Ref. #12 & 15)
12	43-0500	2	Brush
13	43-0520	1	Asm-Rectifier
14	43-0480	1	Asm-Rear Bracket (Incl. Ref. #10-13 & 5-18)
15	70-2810	1	Spring-Brush
16	43-2720	1	Mold
17	43-5920	1	Washer-Lock
18	93-3654	1	Screw
19	51-7890	1	Screw-Set

Ref. No.	Part No.	Qty.	Description
20		1	Collar-Shaft



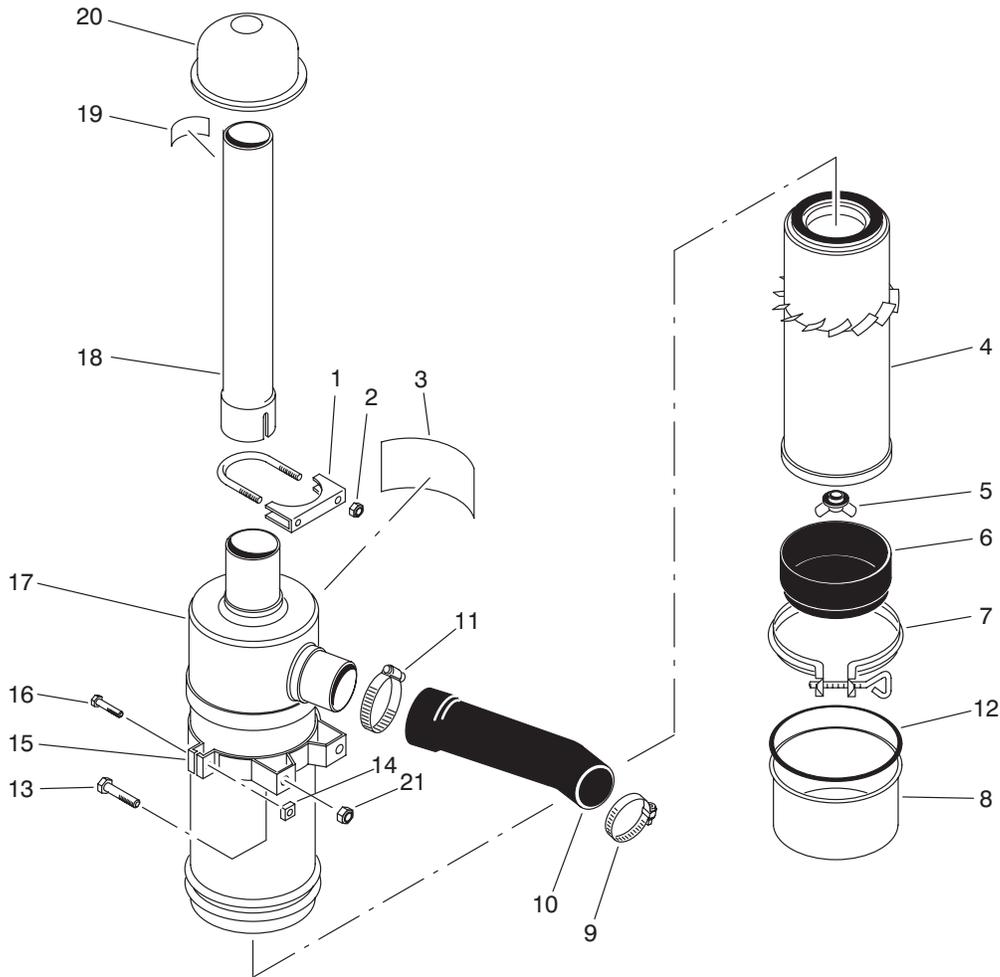
T-0438-3

Starter Assembly No. 46-7610

Ref. No.	Part No.	Qty.	Description
1	93-3655	1	Screw-Set
2	46-7630	1	Asm-Bracket, Front
3	46-7640	1	Asm-Lever
4	43-0190	1	Spring Set
5	46-7650	1	Asm-Bracket, Center
6	46-7660	1	Asm-Switch
7	46-7680	1	Bearing-Front
8	46-7670	1	Armature Set (Incl. Ref. #7 & 9)
9	60-5400	1	Bearing-Rear
10	46-8050	1	Packing
11	46-7780	1	Asm-Yoke
12	51-7820	4	Spring-Brush
13	51-7810	1	Asm-Brush Holder (Incl. Ref. #12)
14	51-7830	1	Bracket-Rear
15	93-3687	1	Bolt Set
16	51-7780	1	Cover Set
17	46-7760	1	Gear
18	46-7750	1	Asm-Shaft, Pinion
19	46-7720	1	Pinion Set (Incl. Ref. #20 & 21)
20	51-7740	1	Stopper
21		1	Spring
*	46-7740	1	Gear Set (Incl. Ref. #17 & 18)

Ref. No.	Part No.	Qty.	Description
*	46-7710	1	Asm-Shaft, Clutch (Inc. Ref. #16-20)

*Not Illustrated



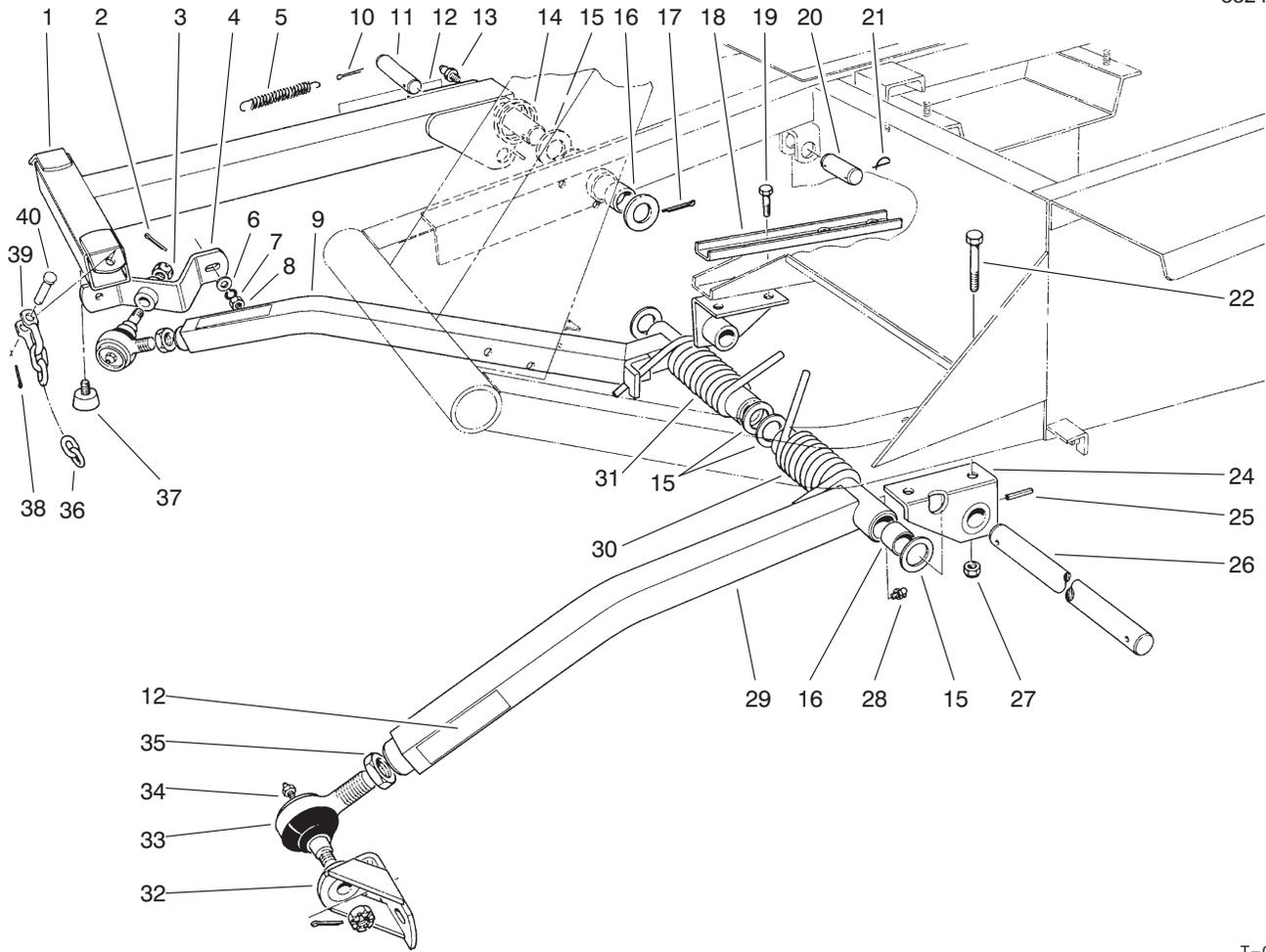
T-0439-1

Air Cleaner Assembly

Ref. No.	Part No.	Qty.	Description
1	20-4840	1	Muffler Clamp (Incl. Ref. #2)
2	3217-6	2	Nut
3	27-7160	1	Decal-Instructions
4	27-7110	1	Asm-Element
5	27-7120	1	Asm-Nut & Gasket
6	27-7140	1	Skirt-Baffle
7	27-7130	1	Asm-Clamp
8	27-7150	1	Asm-Cup
9	2412-3	1	Hose-Clamp
10	80-0060	1	Hose-Air Cleaner
11	2412-42	1	Hose Clamp
12	80-3330	1	Gasket
13	322-3	4	Screw-HH
14	32107-11	2	Nut
15	27-7170	2	Asm-Band (Incl. Ref. #14 & 16)
16	3258-19	2	Screw-Mach. Rd. Hd.
17	27-7100	1	Asm-Air Cleaner (Incl. Ref. #3-8)
18	43-3810	1	Tube-Air Cleaner
19	83-9150	1	Decal-Starting Fluid
20	27-7180	1	Asm-Cap, Air Inlet
21	32128-20	4	Nut-Flange
*	95-3092	1	Kit-400 Hour Filter

Ref. No.	Part No.	Qty.	Description
			(Incl. Ref. #4)

*Not Illustrated



T-0440-5

Push Arm Assembly

Ref. No.	Part No.	Qty.	Description
1	66-6370	1	Lift Arm
2	3272-11	2	Pin-Cotter
3	32136-2	2	Nut
4	21-3020	1	Ball Joint Mount R.H.
5	21-1830	1	Spring Tension
6	3256-25	1	Washer-Flat
7	3253-6	2	Washer-Lock
8	3217-8	2	Nut-Full
9	66-7150	1	Push Arm R.H. (Incl. Ref. #16 & 28)
10	3272-24	1	Cotter Pin
11	24-9510	1	Pin
12	55-4300	3	Warning Decal
13	302-5	1	Fitting-Grease
14	46-8840	1	Spring-Lift Arm
15	5-1754	6	Washer
16	256-126	6	Bushing
17	3272-33	1	Pin-Cotter
18	23-1950	1	Support-Reinforcement
19	324-4	2	Screw-HH
20	3-7292	1	Pin
21	5-3126	3	Pin-Spring
22	324-11	2	Screw-HH
24	21-2860	2	Push Arm Bracket
25	32121-84	2	Pin-Roll

Ref. No.	Part No.	Qty.	Description
26	21-2990	1	Shaft-Pivot
27	32128-42	4	Nut-Flange
28	302-33	2	Fitting-Grease
29	21-2960	1	Push Arm L.H. (Incl. Ref. #16 & 28)
30	21-2900	1	Spring-Torsion L.H.
31	21-2890	1	Spring-Torsion R.H.
32	21-3050	1	Ball Joint Mount L.H.
33	86-8100	2	Asm-Ball Joint
34	302-5	2	Fitting-Grease
35	21-3000	2	Nut-Jam
36	3-1365	3	Chain-Lift
37	67-9800	1	Bumper
38	3272-10	3	Pin-Cotter
39	5-2942	3	Shackle
40	283-10	3	Pin

