Form No. 3324–130

Groundsmaster® 325D

4WD Traction Unit

Model No. 30741–200000001 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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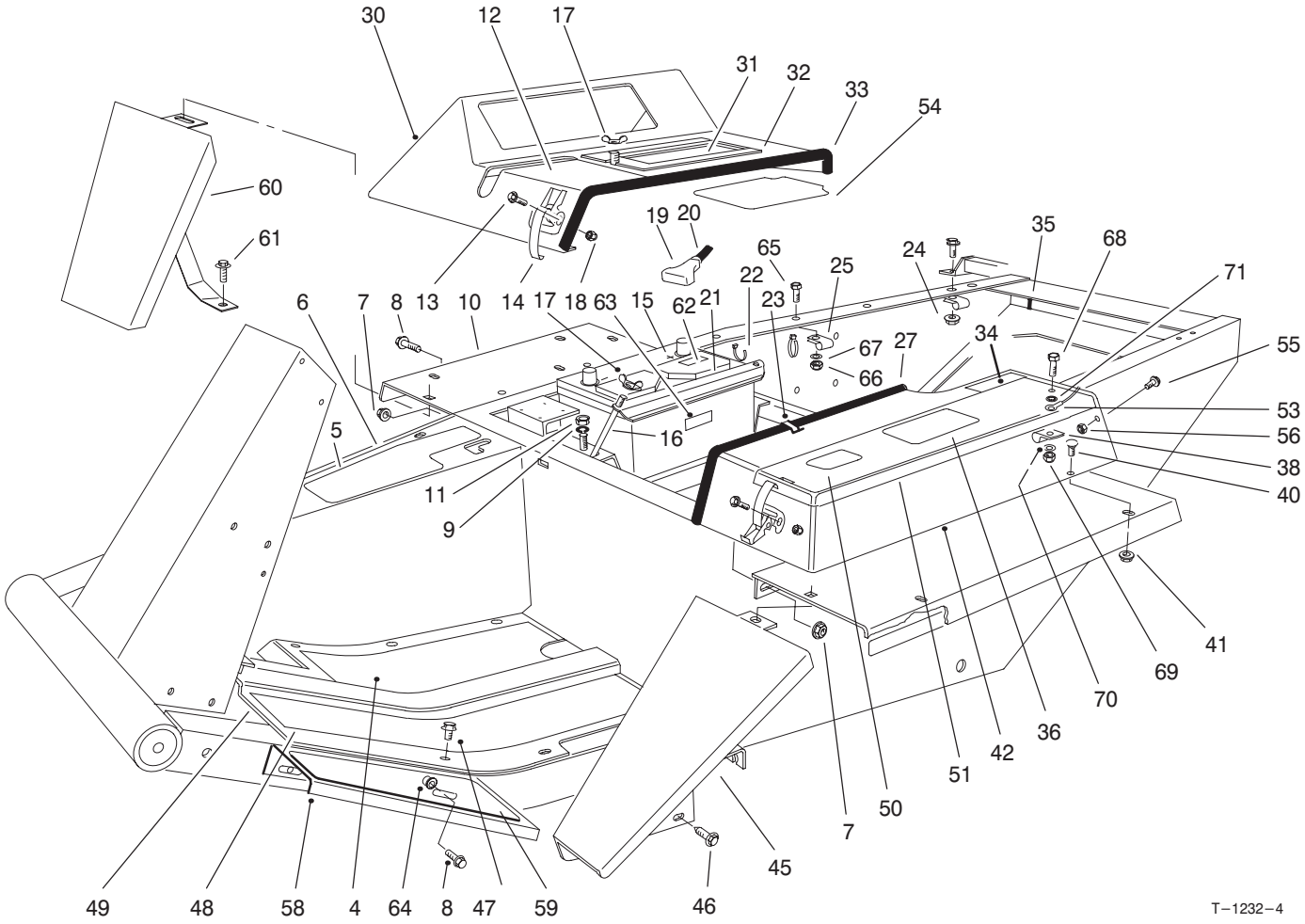
Accessories

Description	Model / Part No.
Debris Blower 2670 (w/o kit)	44524
Debris Blower 2670 Kit	44535
Snow Blower 150	44910

Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

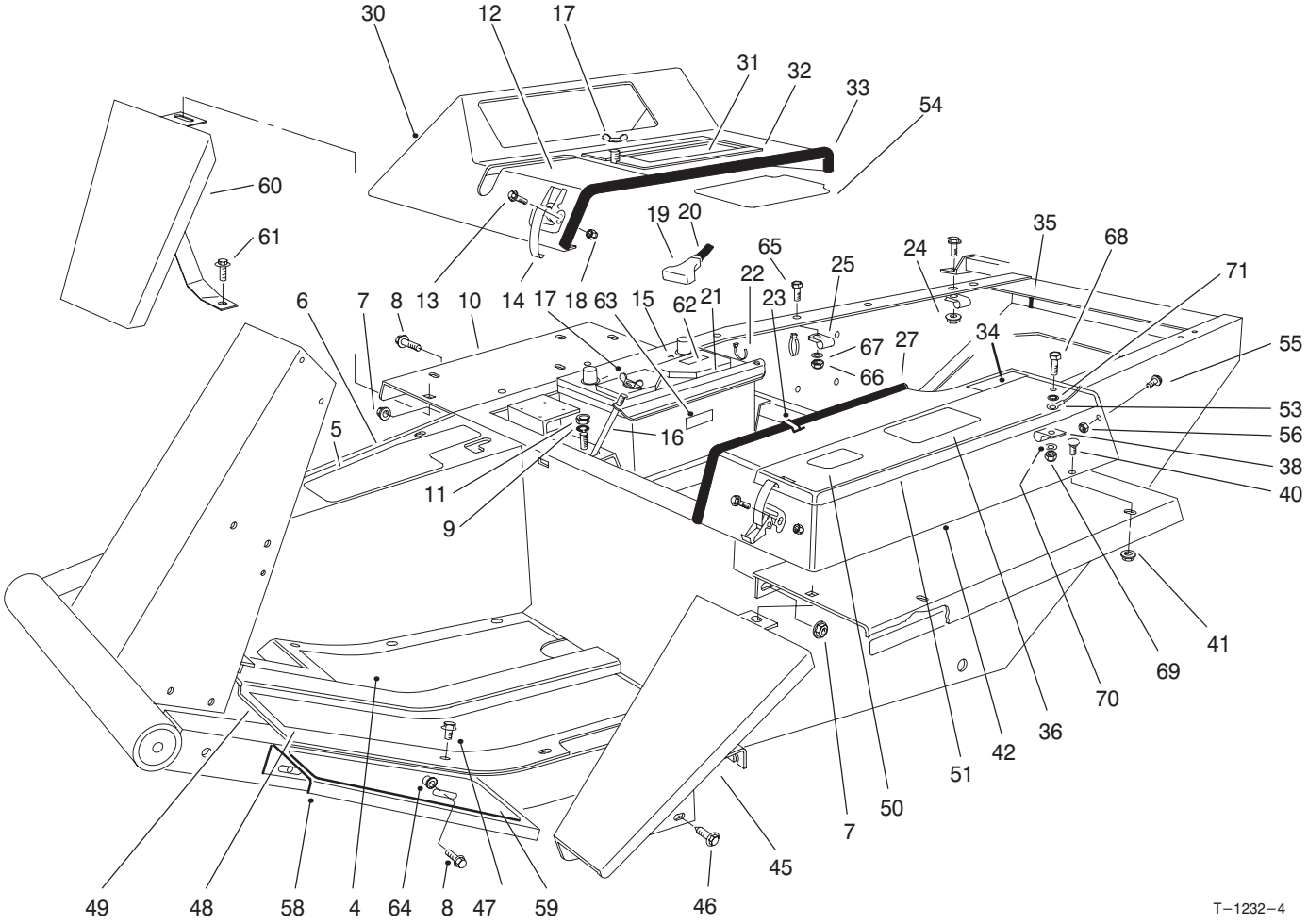
Abbreviation	Meaning
AR	as required
ASM	assembly
CARR	carriage
DEG	degrees
FH	flat head
GA	gauge
HF	hex flange
HH	hex head
HHF	hex head flange
HLH	hex lag head
HJ	hex jam
HOC	height-of-cut
HS	hex socket
HSBH	hex socket button head
HSFH	hex socket flat head
HSH	hex socket head
HWH	hex washer head
HWHTF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



Main Frame Assembly

Ref. No.	Part No.	Qty.	Description
4	21–2770	1	Pad–Foot Rest RH
5	93–7832	1	Decal–Caution
6	21–2660	1	Footrest
7	32128–19	6	Nut–HFH
8	3234–12	5	Screw–HFH
9	3253–4	2	Washer–Lock
10	72–3690	2	Fender
11	3217–6	2	Nut–Hex.
12	93–7806	1	Decal–Power Take Off
13	3290–144	6	Screw–Machine
14	249–21	3	Clamp–Hook
15	63–9230	1	Battery–Type MF214–78, Dry
16	24–6390	2	Stud–Battery Hold Down
17	32103–2	3	Nut–Wing
18	3296–2	6	Nut–Lock
19	28–1280	1	Boot–Cable
20	70–1180	1	Cable–Battery Positive (Incl. Ref.#19)
21	24–6420	1	Hold Down–Battery
22	3290–378	2	Tie–Cable
23	2412–61	2	Clip–Tinnermann
24	3290–357	4	Nut–HFH
25	2412–4	3	Clamp
26	3234–11	4	Screw–HFH

Ref. No.	Part No.	Qty.	Description
27	37–9650	1	Trim
30	38–4550	1	Cover–Instruments
31	95–2746	1	Decal–Instructions Start.
32	24–9740	1	Cover–Access Battery
33	39–8020	1	Trim–Cover Instruments
34	93–6680	1	Decal–Fuel Diesel
35	43–4300	2	Trim–Frame Rear
36	93–7822	1	Decal–Refueling
37	322–5	1	Screw–HH

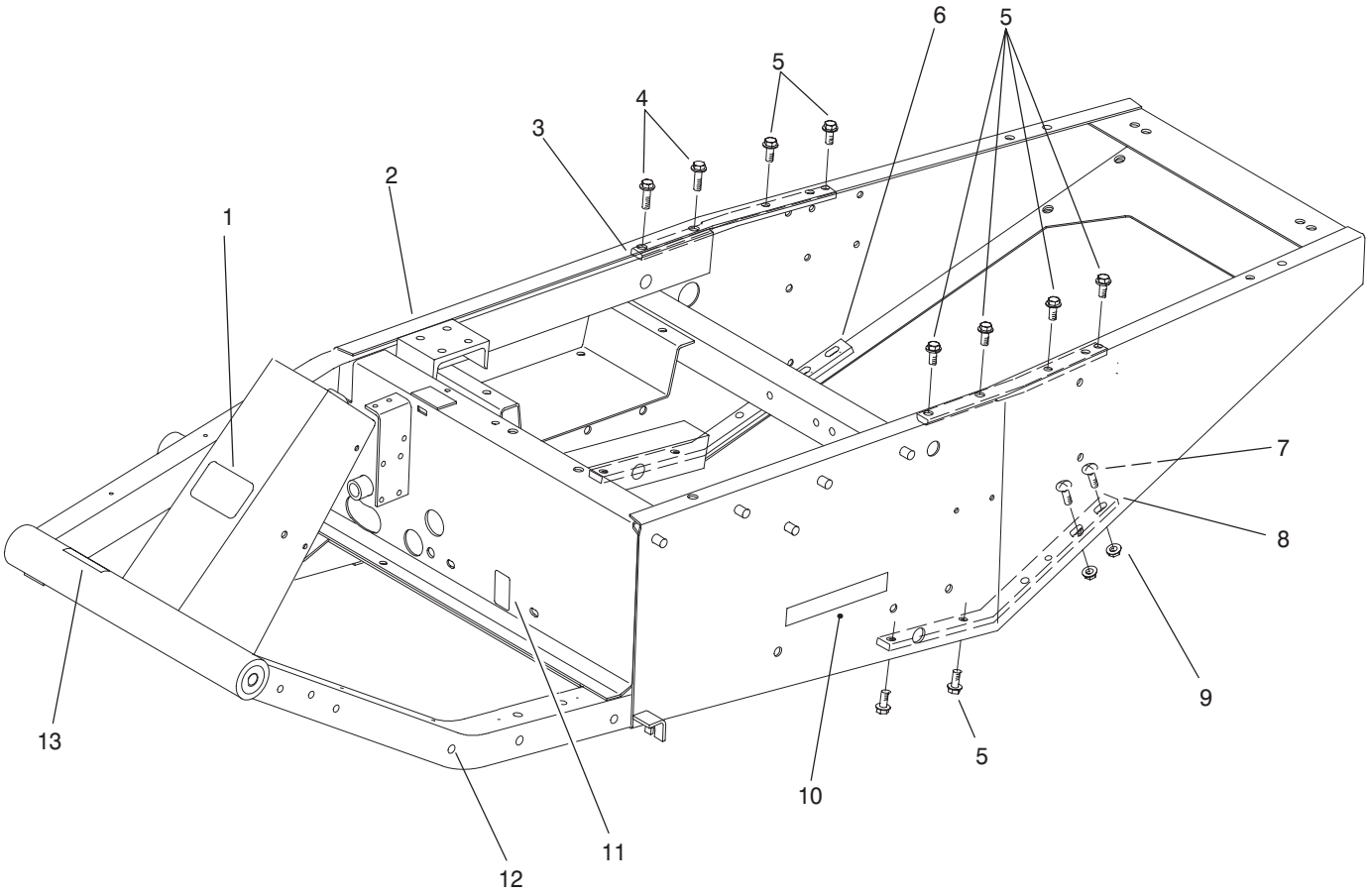


Main Frame Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
38	98–3883	1	Clamp
39	32128–20	1	Nut–HFH
40	3229–1	6	Bolt–Carriage
41	32128–33	6	Nut–HFH
42	93–3183	1	Tool Box (Incl. Ref. #28)
45	68–8610	1	Fender–Extension
46	3234–14	2	Screw–HFH
47	32144–10	11	Screw–TAP
48	21–2760	1	Pad–Foot Rest LH
49	88–0070	1	Plate–Floor
50	93–7839	2	Decal–Caution
51	93–3185	1	Asm–Cover (Incl. Ref. #36 & 50)
52	3254–2	1	Washer–Lock
53	18–2770	1	Cable–Ground
54	92–7801	1	Shield–Cover, Battery
55	3290–144	3	Screw–HH
56	3296–2	3	Nut–Lock
58	93–7410	1	Panel–Footrest
59	66–3200	1	Tread–Foot, LH
60	93–7626	1	Fender–RH
61	3234–33	1	Screw–HFH
62	93–7276	1	Decal–Danger
63	93–6668	1	Decal–Charging
†64	32148–9	1	Nut–Insert

Ref. No.	Part No.	Qty.	Description
65	322–8	2	Screw–HH
66	3296–29	2	Nut–Lock
67	3256–23	2	Washer–Flat
68	323–7	1	Screw–HH
69	3296–39	1	Nut–Lock
70	3256–24	1	Washer–Flat
71	3254–6	1	Washer–Lock

†Special Tool Required.



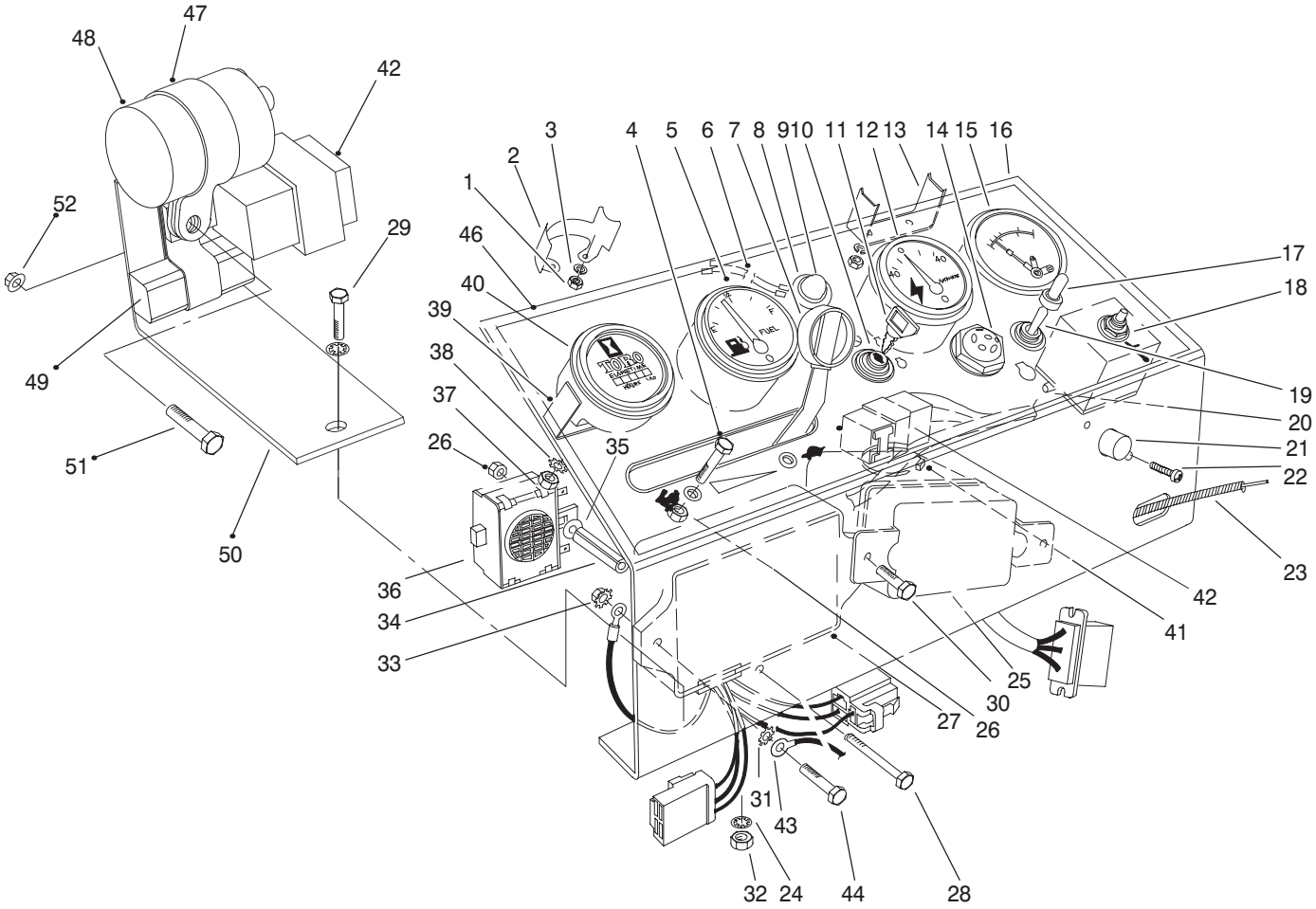
T–2802–3

Main Frame Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
1	70–2200	1	Decal–Toro
2	98–3879	1	Asm–Frame (Incl. Ref. #1 & 3–13)
3	98–3866	2	Brace–Upper
4	3234–24	2	Screw–HHF
5	3234–25	10	Screw–HHF
6	98–3865	1	Brace–Lower Right
7	3231–25	4	Screw–Carriage
8	98–3864	1	Brace–Lower Left
9	32128–21	4	Nut–HFH
10	67–1720	2	Decal–Torque
11	53–4430	1	Decal–Oil Fill
†12	32148–9	1	Insert–Insert
13	27–7320	1	Decal–Traction Pedal

Ref. No.	Part No.	Qty.	Description

†Special Tool Required.



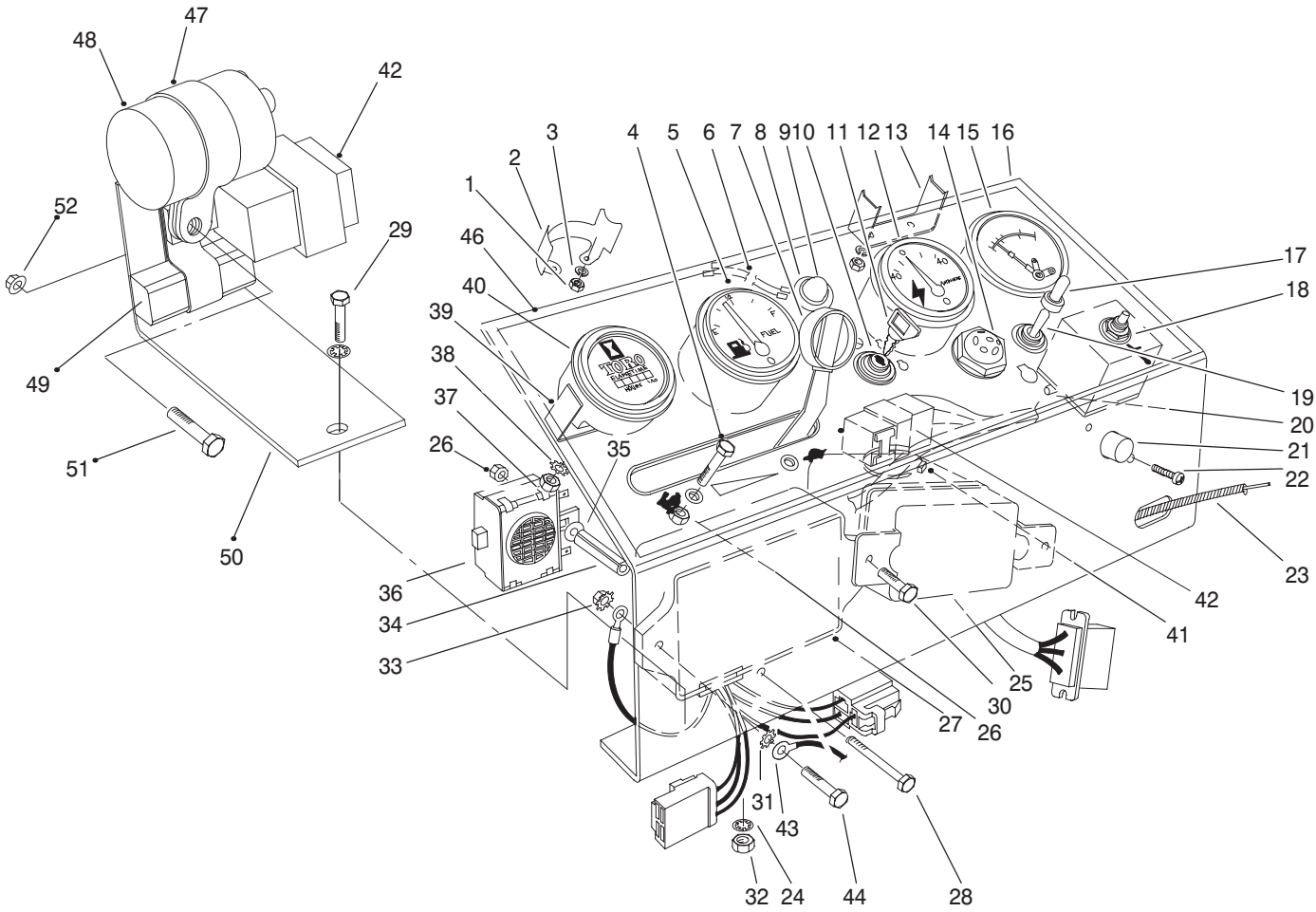
T–0408–5

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 (Incl. Ref. #1–3)
6	44–2220	1	Wire Lead
7	233–35	2	Knob
8	44–2210	1	Warning Light (Inc. 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 (Inc. 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
			(Inc. 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

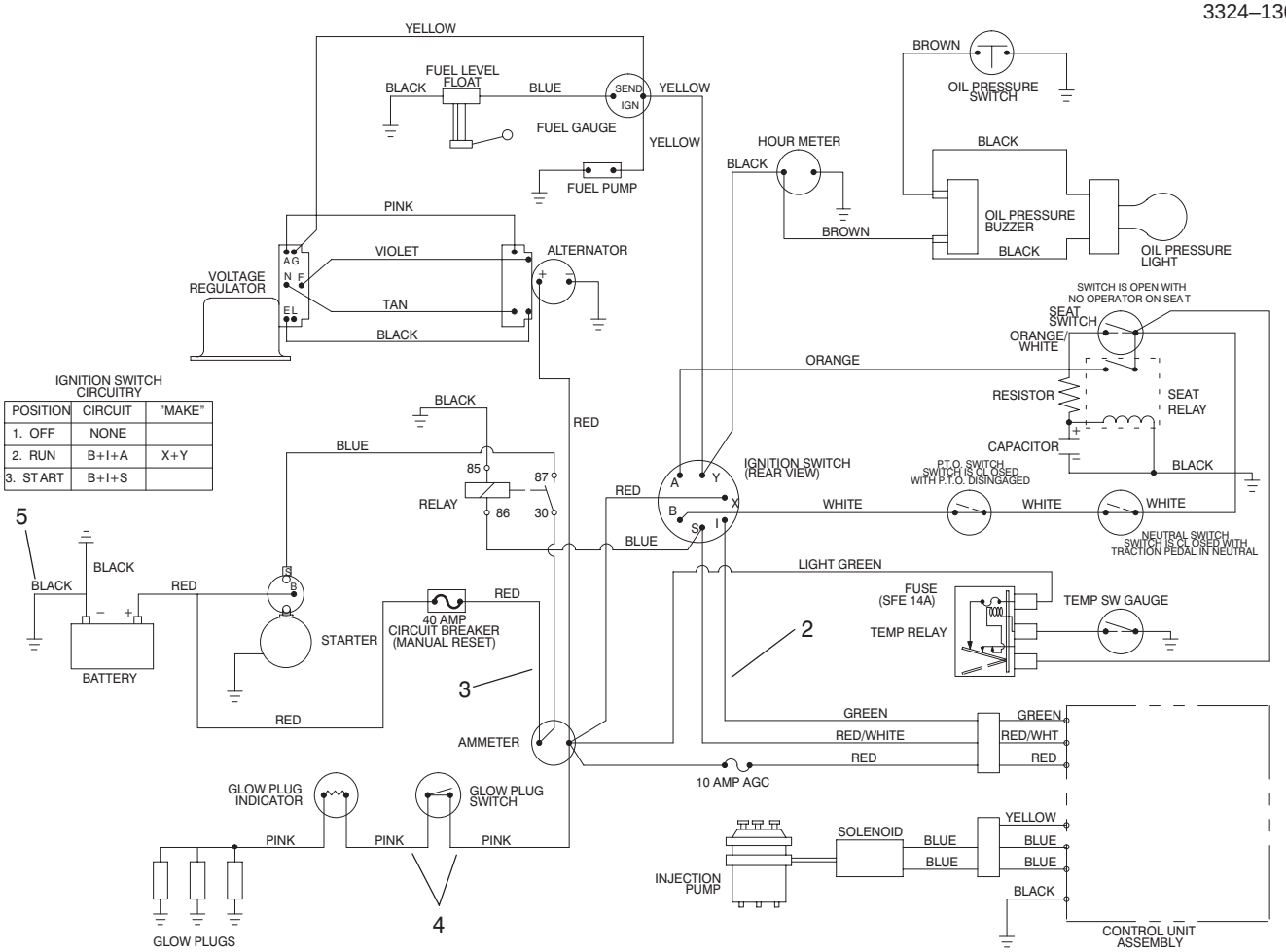
†Obtain Locally.



Instrument Panel Assembly

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	93–7813	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

Ref. No.	Part No.	Qty.	Description

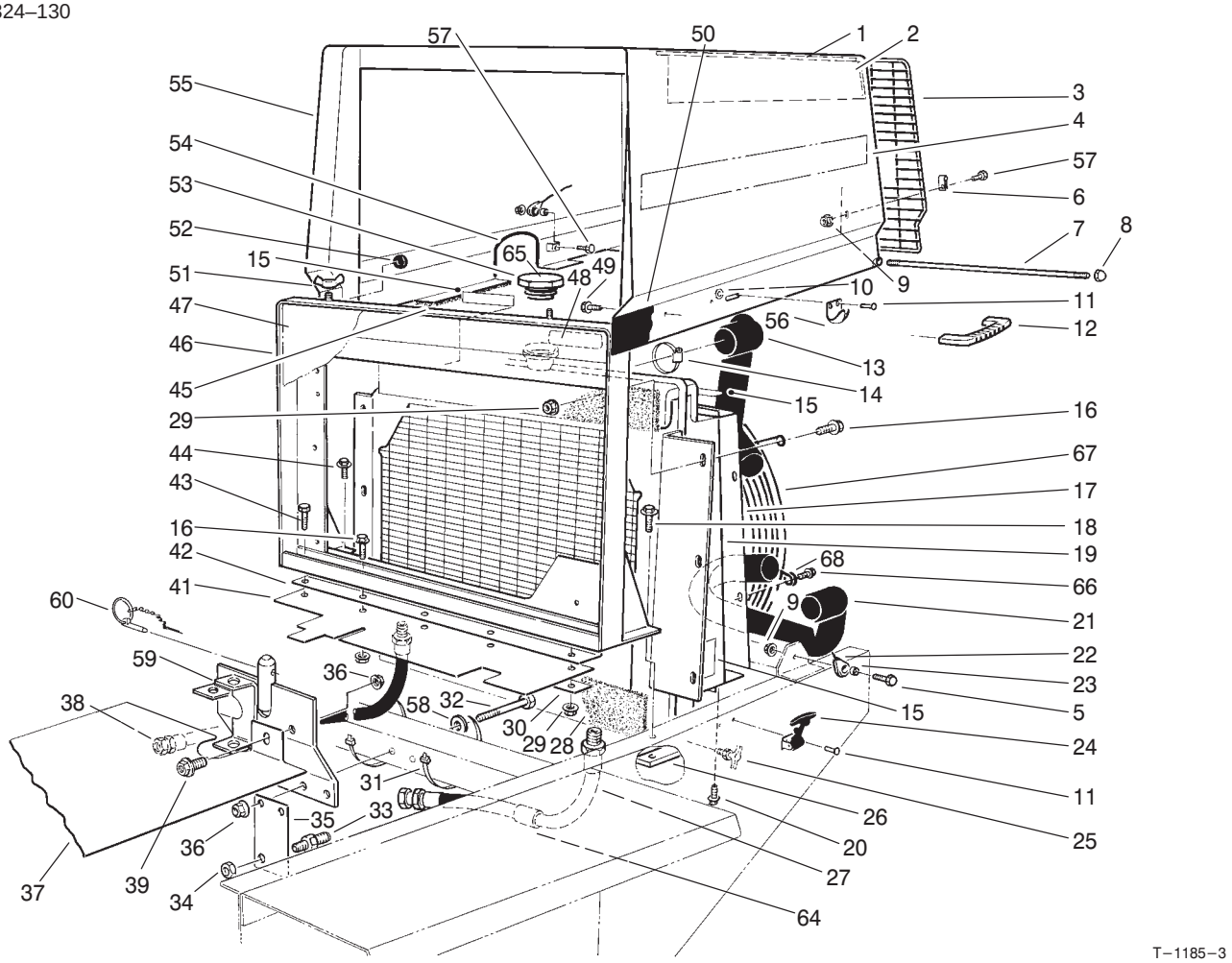


T–0409–5

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

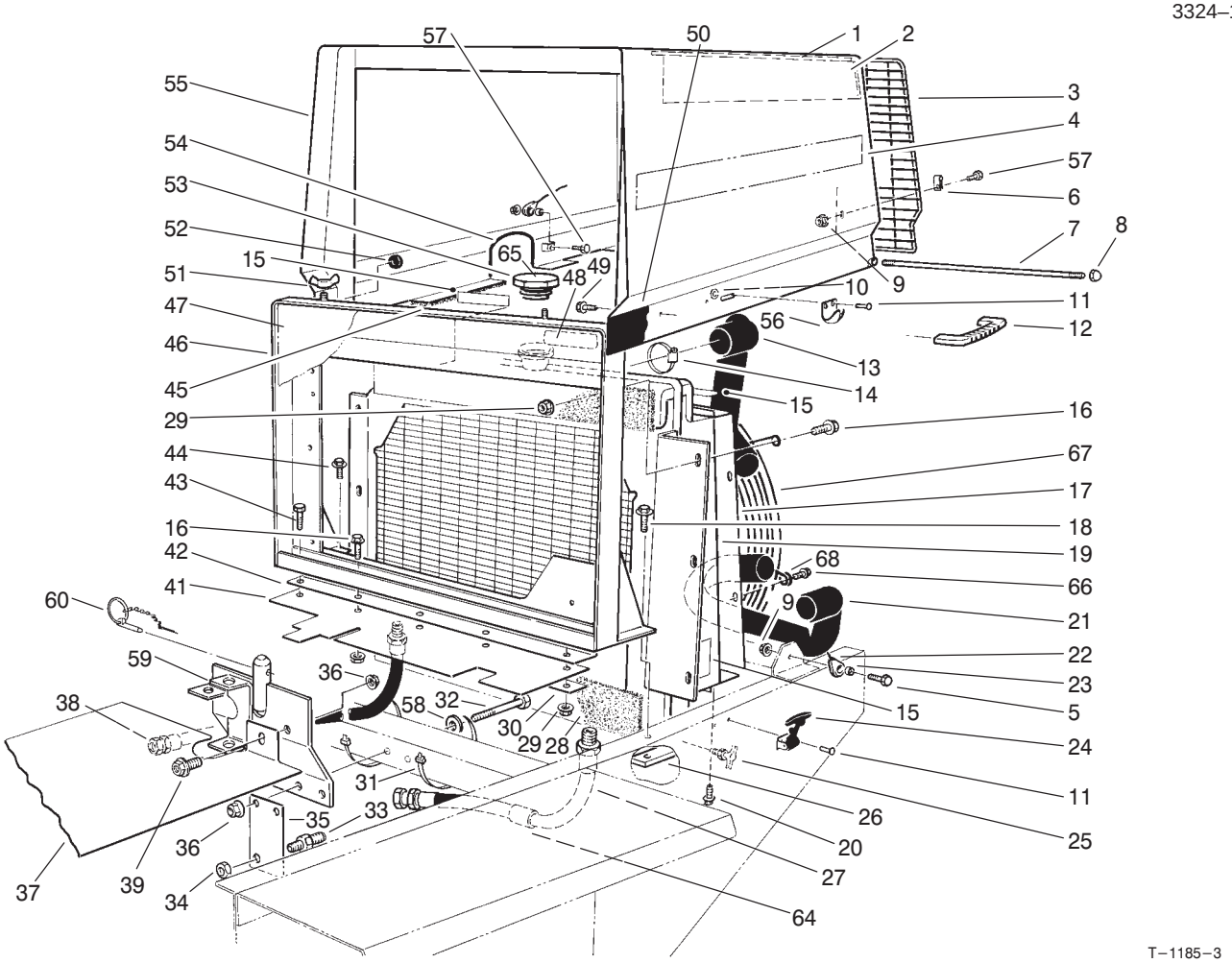
Ref. No.	Part No.	Qty.	Description



Radiator & Hood Assembly

Ref. No.	Part No.	Qty.	Description
1	77–5170	1	Foam–Top
2	77–5160	1	Foam–Side
3	67–9000	1	Screen–Rear
4	93–3188	2	Decal–Groundsmaster
5	321–4	2	Screw–HH
6	2412–127	4	Clamp
7	67–8840	1	Pin–Hinge
8	32111–8	2	Nut–Acorn
9	32128–32	8	Nut–HFH
10	3269–10	2	Washer–Backup
11	3290–55	4	Rivet
12	65–5100	1	Handle–Hood
13	43–3350	1	Hose–Upper Radiator
14	2412–3	4	Clamp–Hose
15	93–7272	3	Decal–Warning
16	3234–14	11	Screw–HFH
17	43–3330	1	Shroud–Radiator
18	3234–25	2	Screw–HFH
19	33–2570	1	Asm–Radiator
20	32104–116	4	Screw–Self Tapping
21	43–7020	1	Hose–Lower Radiator
22	77–3170	2	Stop–Cable Hood
23	77–5250	4	Spacer–Cable Hood
24	249–39	1	Latch–Draw Flexible
25	304–46	1	Drain Cock
26	38–4600	1	Bar–Frame LH

Ref. No.	Part No.	Qty.	Description
27	63–9010	1	Asm–Hose, Cooler/Pump
28	43–3320	2	Foam–Radiator
29	32128–20	11	Screw–HFH
30	67–8470	1	Strip–Retainer
31	3290–379	4	Tie–Cable
32	323–14	3	Screw–HH
33	340–71	2	Union–Bulkhead
34	340–70	2	Nut–Lock Bulkhead
35	68–9160	1	Bracket
36	32128–21	4	Nut–HFH
37	88–3390	1	Plate–Sealing
38	63–8960	1	Asm–Hose, Valve/Cooler
39	3234–11	2	Screw–HFH
41	67–8570	1	Strip–Sealing
42	43–3340	1	Plate–Sealing, Grille
43	322–6	1	Screw–HH
44	11–0590	2	Screw–Self Tapping
45	82–8950	2	Foam–Hood Flange
46	67–8870	1	Support–Radiator
47	67–9030	1	Grille
48	93–7821	1	Decal–Coolant Radiator
49	46–8091	2	Screw–HFH



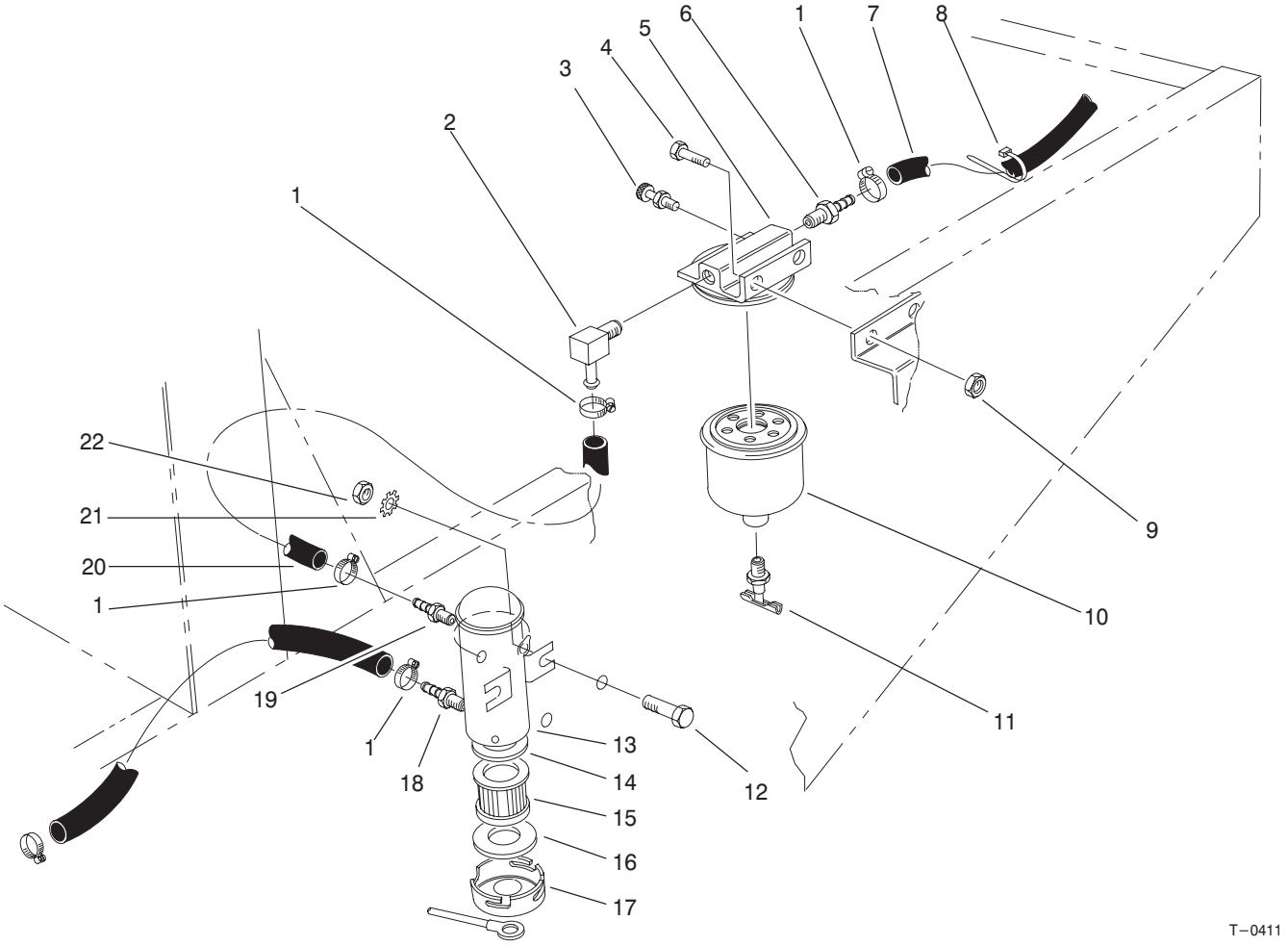
T–1185–3

Radiator & Hood Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
50	77–5140	1	Decal–Hood 4wd LH
*	77–5150	1	Decal–Hood 4wd RH
51	32103–2	2	Nut–Wing
52	237–141	2	Bumper–Radiator
53	66–3240	1	Cap–Pressure Radiator
54	66–8111	1	Trim–Hood Cutout
55	14–4149	1	Hood
56	249–40	1	Keeper
57	3274–69	6	Screw–HSH
58	5–0838	3	Washer–Flat
59	86–9410	1	Bracket–Seat Support
60	283–76	1	Pin–Lynch
64	38–3400	1	Guard–Rubber
65	93–7840	1	Decal–Radiator Cap
66	32104–109	4	Screw–HH
67	93–9729	1	Guard–Fan
68	3256–22	4	Washer–Flat

Ref. No.	Part No.	Qty.	Description

*Not Illustrated

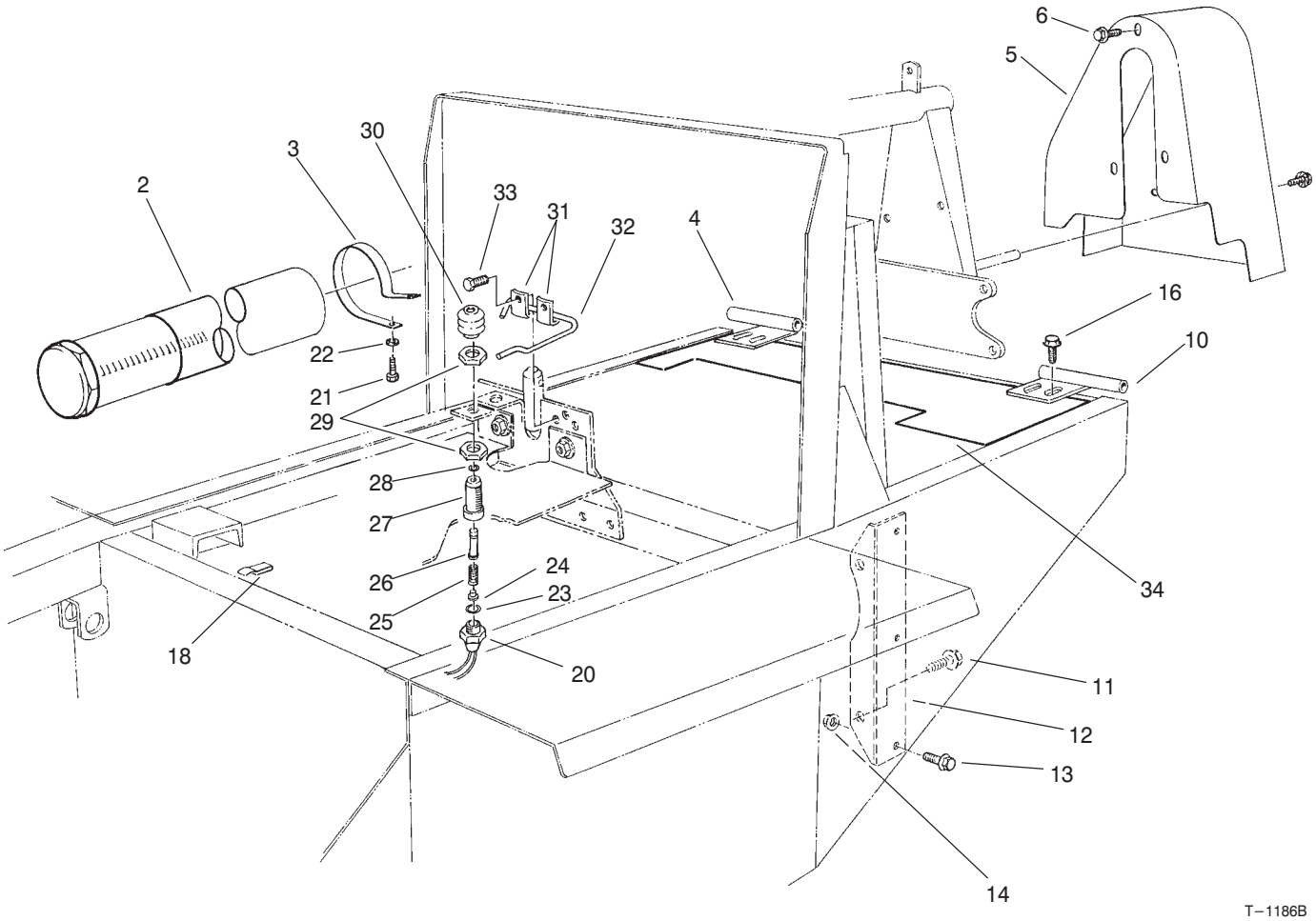


Fuel Filter Assembly

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–Pump, Fuel, 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
22	32149–2	2	Nut–Lock
*	95–3092	1	Kit–400 Hour Filter

Ref. No.	Part No.	Qty.	Description
			(Incl. Ref. #10 & 15)

*Not Illustrated



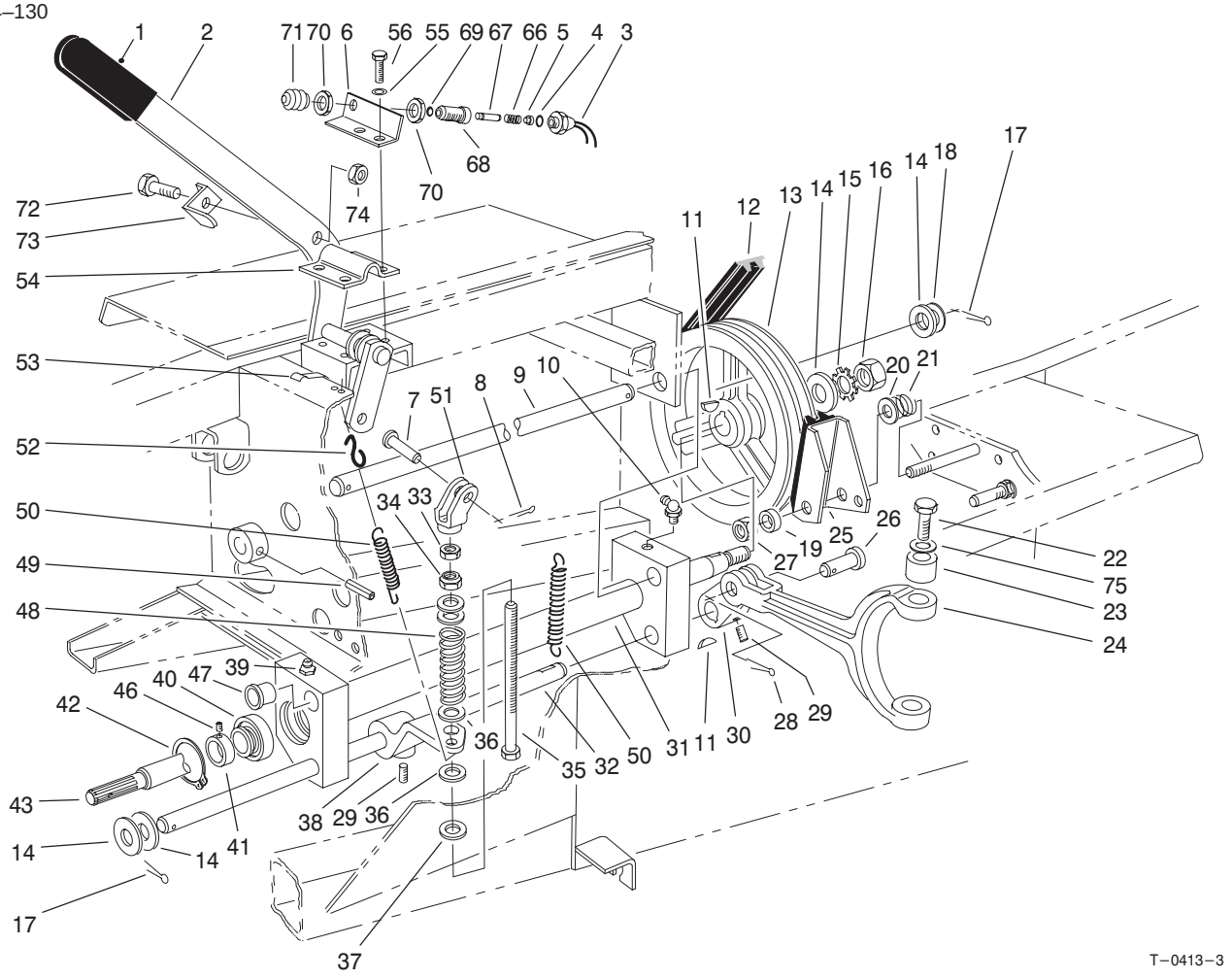
Interlock Assembly

Ref. No.	Part No.	Qty.	Description
2	74–0720	1	Tube–Manual
3	2412–133	2	R–Clamp
4	67–8820	1	Hinge RH
5	43–3900	1	Guard–Fan Belt
6	3234–14	5	Screw–HH
9	3256–23	1	Washer–Flat
10	67–8810	1	Hinge LH
11	3234–32	2	Screw–HFH
12	67–8190	2	Bracket–Engine Support
13	3234–11	6	Screw–HFH
14	3290–357	6	Nut–HFH
16	3234–17	4	Screw–HFH
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
29	218–461	2	Nut–Jam
30	43–8870	1	Boot–Switch

Ref. No.	Part No.	Qty.	Description
31	3–6657	2	Clip
32	86–7040	1	Rod–Seat Prop
33	32144–10	2	Screw–HFH
34	93–8472	1	Guard–Flywheel
*	43–9071	1	Asm–Switch (Incl. Ref. #20, 23–30, &1 of #29 Required)

*Not Illustrated

3324–130

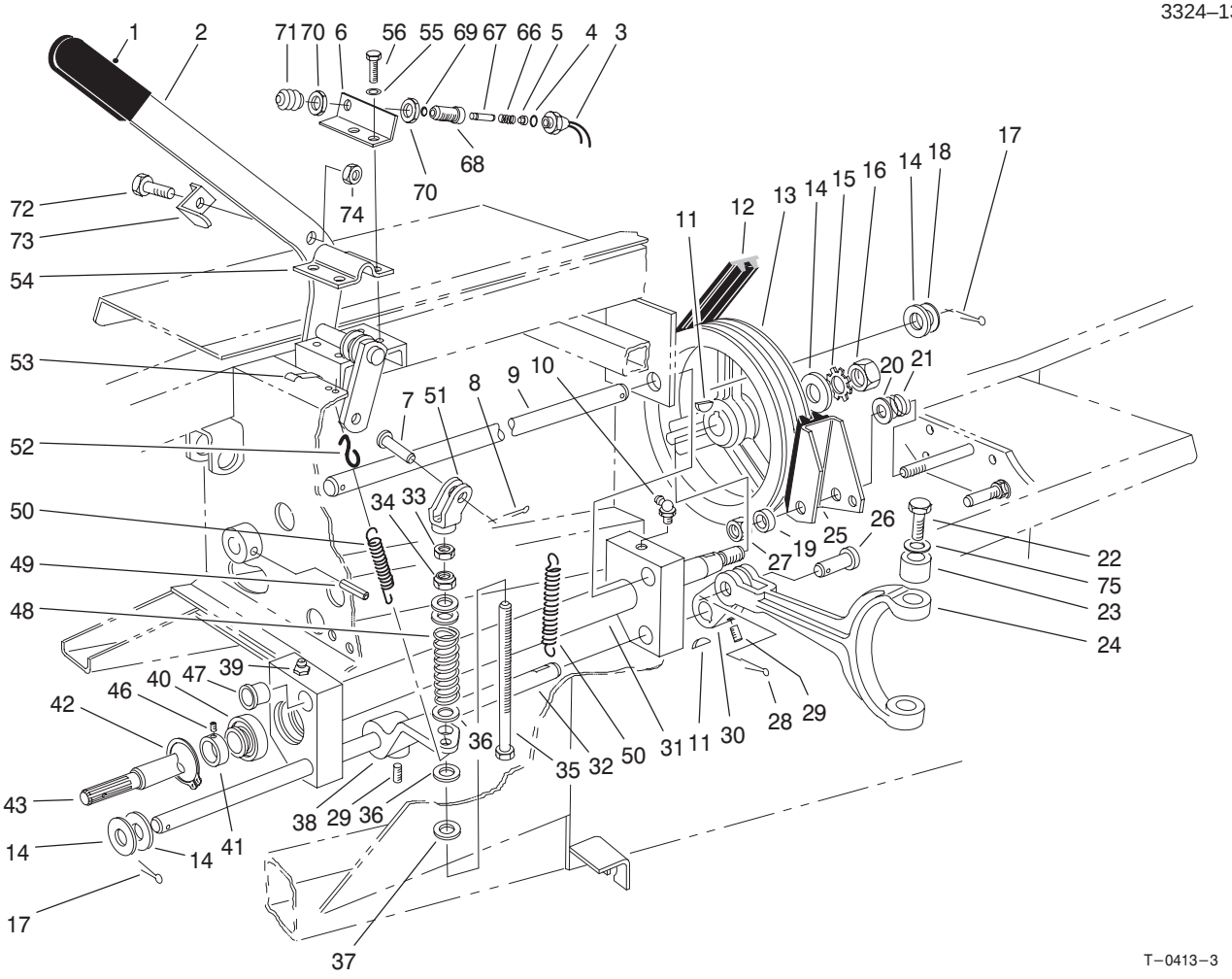


T–0413–3

Power Take Off Assembly

Ref. No.	Part No.	Qty.	Description
1	21–1880	1	Grip Handle
2	84–8500	1	Lever–P.T.O.
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	3272–10	1	Cotter Pin
9	43–3860	1	Shaft–Pivot P.T.O.
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 P.T.O.
14	3256–28	4	Washer–Flat
15	3254–7	1	Washer–Lock
16	3219–7	1	Nut–Hex.
17	3272–22	2	Cotter Pin
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–P.T.O. Fork
24	92–4060	1	Fork P.T.O.
25	27–7370	1	Asm–Brake, P.T.O.

Ref. No.	Part No.	Qty.	Description
26	93–3769	1	Clevis Pin
27	3296–28	1	Nut–Lock
28	3272–11	1	Cotter Pin
29	3246–3	4	Set Screw
30	92–4058	1	Arm–P.T.O.
31	100–6599	1	Pivot P.T.O. (Incl.: 10,39,47)
32	43–5550	1	Shaft–Actuator P.T.O.
33	3219–3	1	Nut–Hex.
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, Actuator–P.T.O.
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 P.T.O.
46	3245–1	2	Set Screw
47	256–113	4	Bushing–Flange
48	21–0400	1	Spring–Compression
49	32121–9	1	Pin–Roll

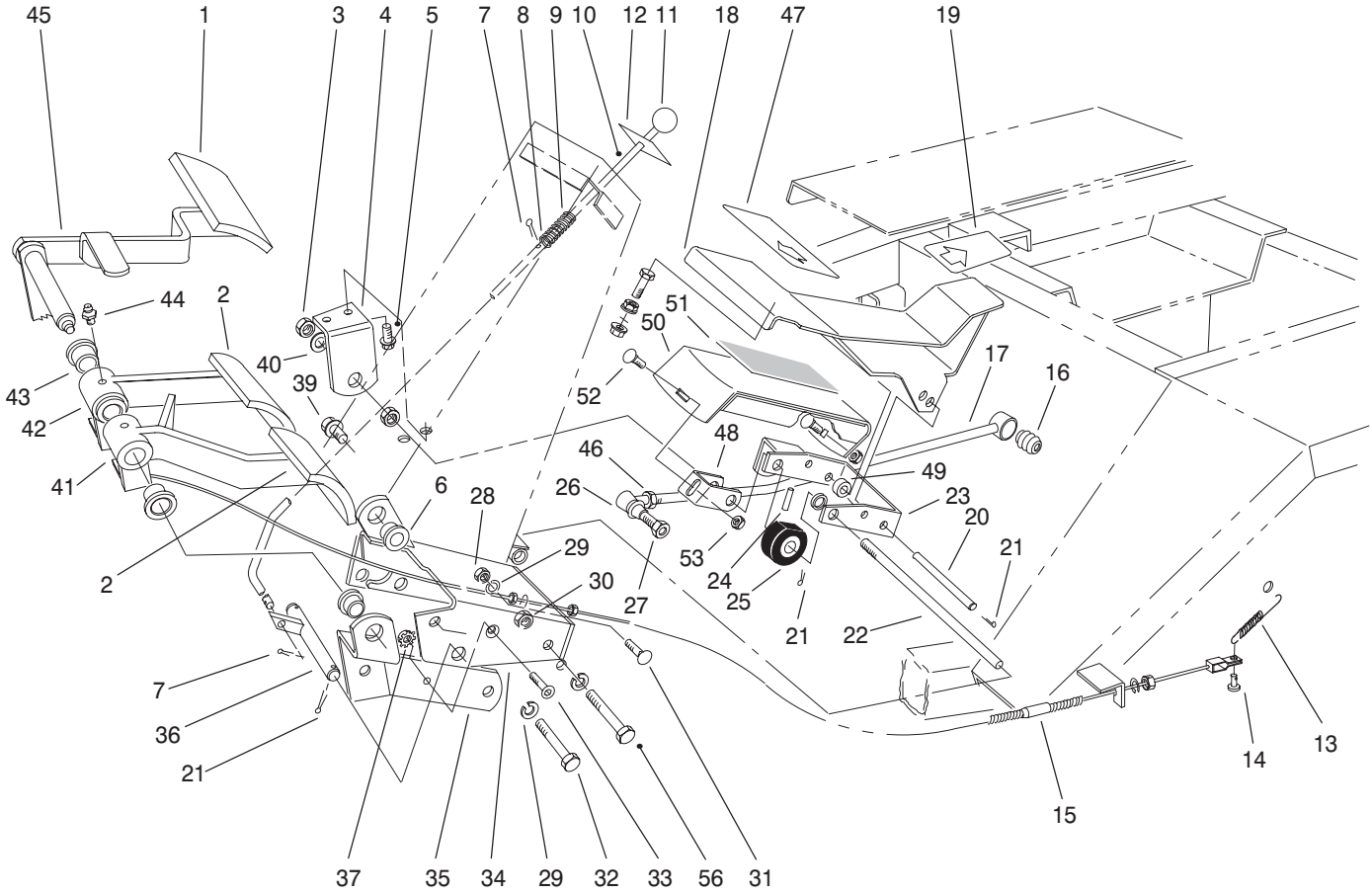


Power Take Off Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
50	21–1830	2	Spring–Tension
51	43–5630	1	Yoke–P.T.O.
52	5–0701	1	Spring Anchor
53	212–93	1	Wire Clip
54	21–1600	1	Clamp P.T.O. Lever
55	3253–21	4	Washer–Lock
56	32104–6	4	Screw–HFH
66	43–8600	1	Spring–Compression
67	43–8860	1	Plunger–Switch
68	43–8620	1	Guide–Switch Pin
69	237–7	1	O–Ring
70	218–461	2	Nut–Jam
71	43–8870	1	Boot–Switch
72	321–4	1	Screw–HH
73	86–7050	1	Bracket–Switch Actuator
74	3296–16	1	Nut–Lock
75	75–9890	A/R	Washer–Shim
*	43–9071	1	Asm–Switch (Incl. Ref. #3–5. 66–71; Qty. 1 of #70 Req'd.

Ref. No.	Part No.	Qty.	Description

*Not Illustrated



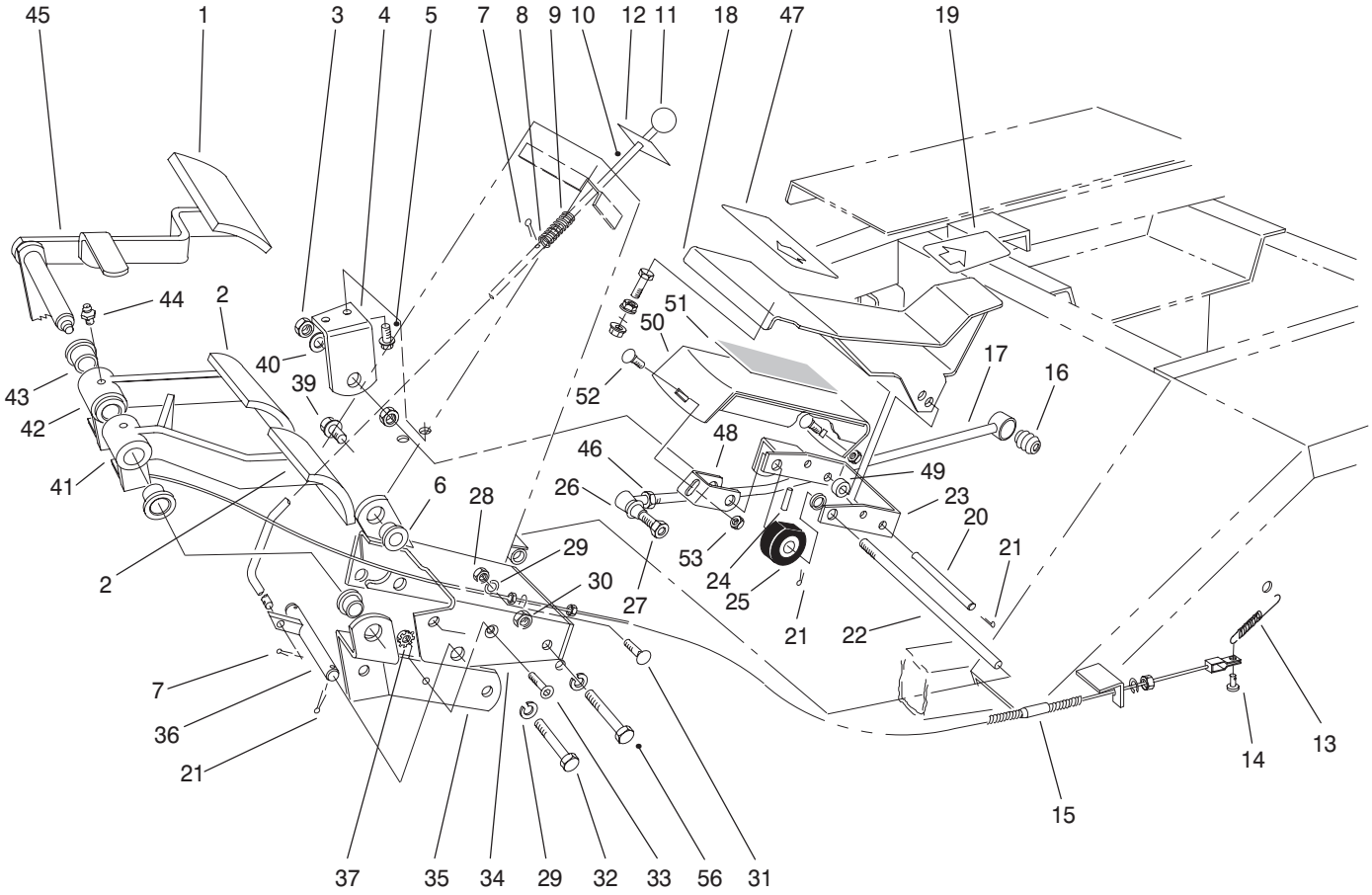
T–0415–7

Brake Pedal Assembly

Ref. No.	Part No.	Qty.	Description
1	93–8742	1	Pad–Brake
2	93–8743	2	Pad–Turn
3	3218–5	2	Nut–Jam
4	21–2850	1	Mount–RH Pedal
5	11–0590	2	Screw–Hex. Hd. Tapping
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	93–7831	1	Decal–Parking Brake
13	3–7243	2	Spring–Extension
14	283–58	2	Pin–Clevis
15	21–3380	1	Cable–LH Brake
*	21–3370	1	Cable–RH 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–Pedal Rear
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)

Ref. No.	Part No.	Qty.	Description
24	32121–6	1	Pin–Roll
25	28–5220	1	Wheel–Friction
26	21–0141	1	Socket, RH
27	3220–3	1	Asm–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–Flat Hd. Socket
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–Lock
39	3234–11	3	Screw–HH
40	3256–26	1	Washer–Flat
41	27–7490	1	Pedal–LH Brake (Incl. Ref. #43)
42	27–7510	1	Pedal–RH 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

*Not Illustrated

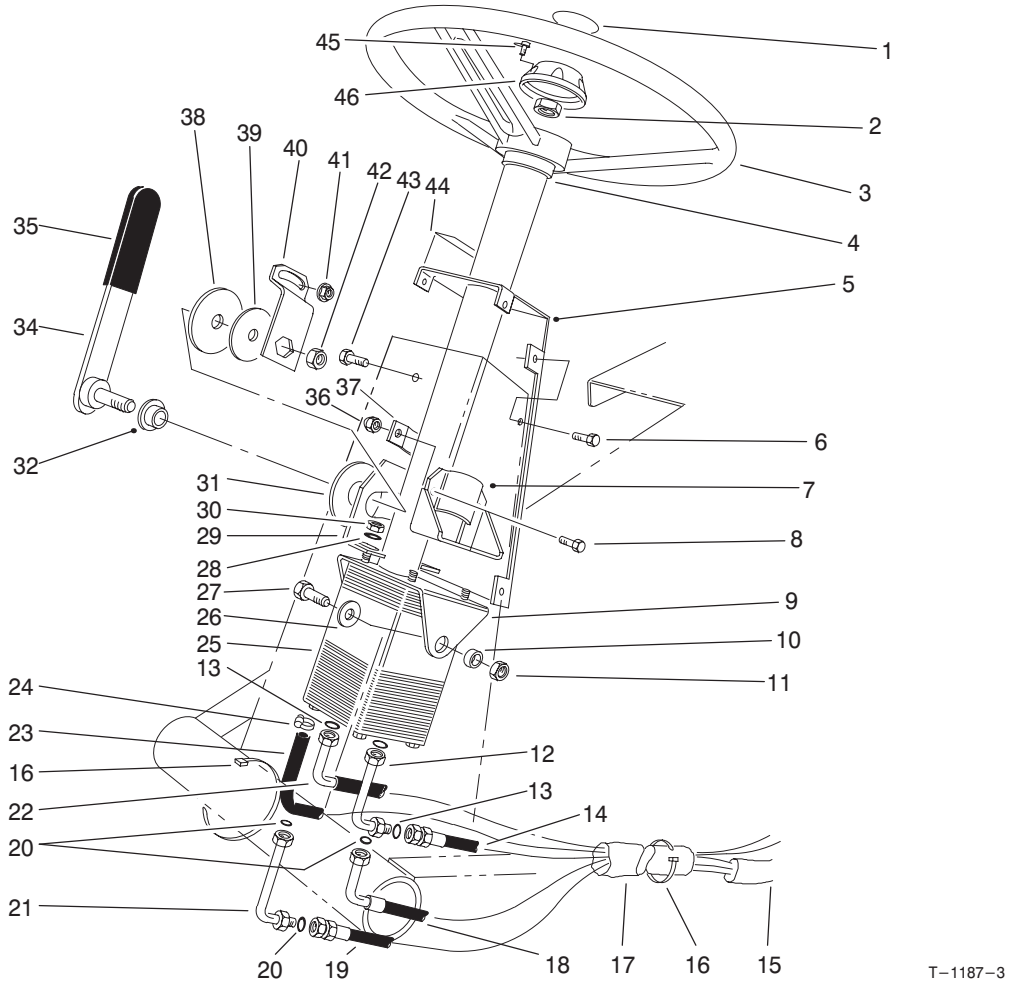


T–0415–7

Brake Pedal Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
47	94–3307	1	Pad–Front Pedal
48	88–1680	1	Bracket–Footrest
49	88–0470	1	Tube–Pedal, Spacer
50	88–1710	1	Footrest
51	88–1720	1	Pad–Footrest
52	3230–1	2	Bolt–Carriage
53	32128–25	2	Nut–HFH
54	323–42	1	Screw–HH
55	32128–43	2	Nut–HFH
56	323–14	1	Screw–HH

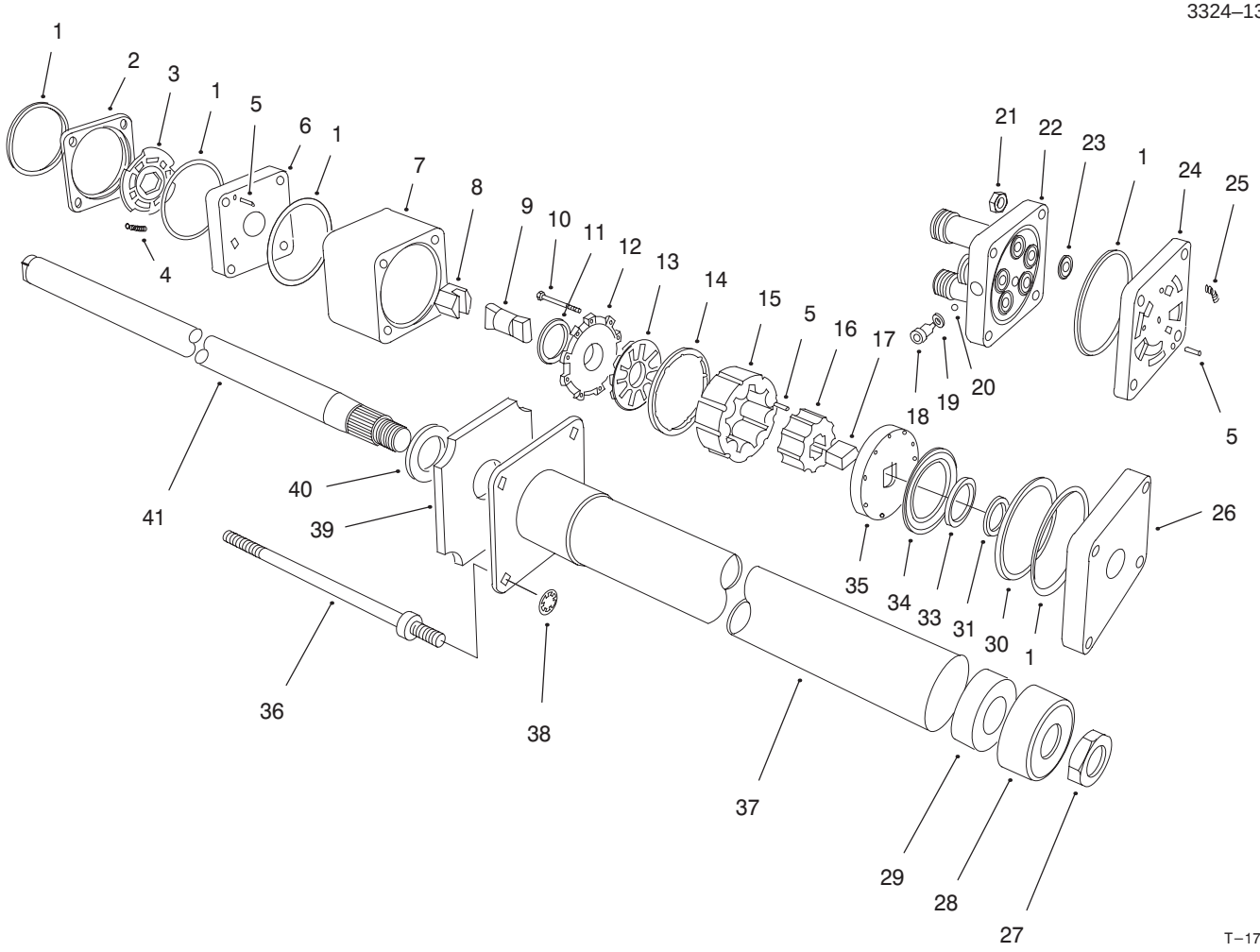
Ref. No.	Part No.	Qty.	Description



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	Asm–Steering Wheel (Incl. Ref. #45 & 46)
4	21–9260	1	Cover–Dust
5	82–8660	1	Cover–Tower
6	32144–10	6	Screw–HFH
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
22	63–8980	1	Hose–Aux. to Valve

Ref. No.	Part No.	Qty.	Description
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	Handle–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–HFH
42	3218–7	1	Nut–Jam
43	322–4	1	Screw–HH
44	82–8940	1	Decal–Steering Tilt
45	32144–21	1	Screw–Pan Head
46	68–5140	1	Cap–Wheel Steering



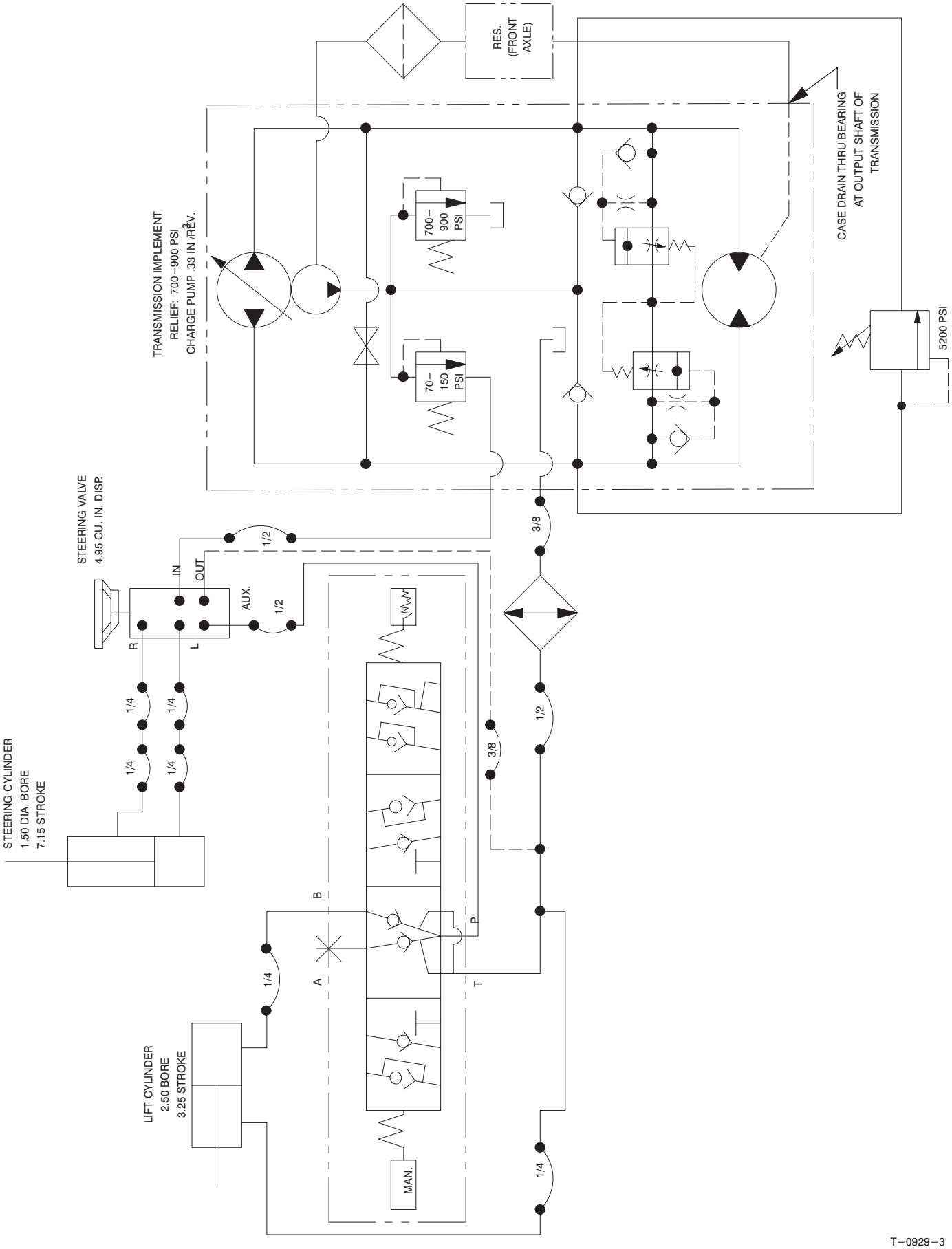
Power Steering Valve Assembly No. 92–7308

Ref. No.	Part No.	Qty.	Description
1		5	Ring–Seal
2		1	Ring–Valve
3		1	Plate–Valve
4		3	Spring
5		9	Pin–Alignmen
6		1	Manifold–Isolation
7		1	Ring–Metering
8		1	Asm–Hex Drive
9		1	Link–Drive
10		11	Screw–HS
11		1	Seal–Commutator
12		1	Cover–Commutator
13		1	Commutator
14		1	Ring–Commutator
15		1	Stator
16		1	Rotor
17		1	Spacer–Drive Link
18		1	Plug
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

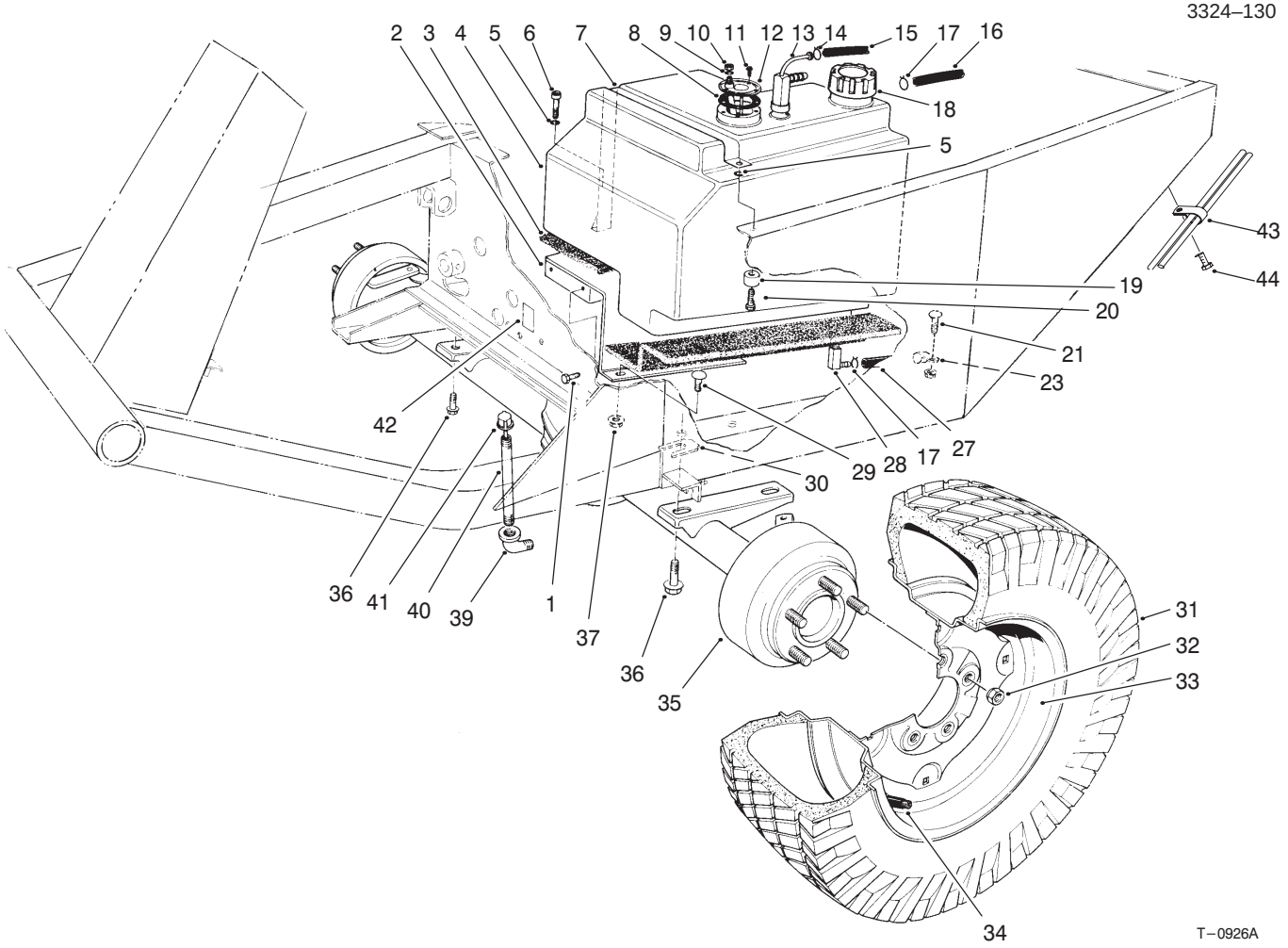
Ref. No.	Part No.	Qty.	Description
27	3220–6	1	Nut
28	92–7315	1	Seal
29		1	Bearing
30			Spacer–Thrust Bearing
31		1	Spacer–Seal
33		1	Seal–Face
34		1	Bearing–Thrust
35		1	Plate–Drive
36	92–7310	4	Bolt–Special
37		1	Upper Cover & Jacket
38	92–7316	4	Nut–Push On
39	92–7317	1	Foam
40		1	Washer–Retaining
41		1	Shaft–Input
*	66–9970	1	Kit–Spring (Incl. Ref. #4 & 25)
*	66–9980	1	Kit–Seal (Incl. Ref. #1, 11, 19, 23, 31 & 33)
*	66–9990	1	Kit–Needle Roller (Incl. Ref. #5)
*	92–7314	1	Asm–Column (Incl. Ref. #27–29 & 37–41)

*Not Illustrated

Hydraulic Schematic



T–0929–3

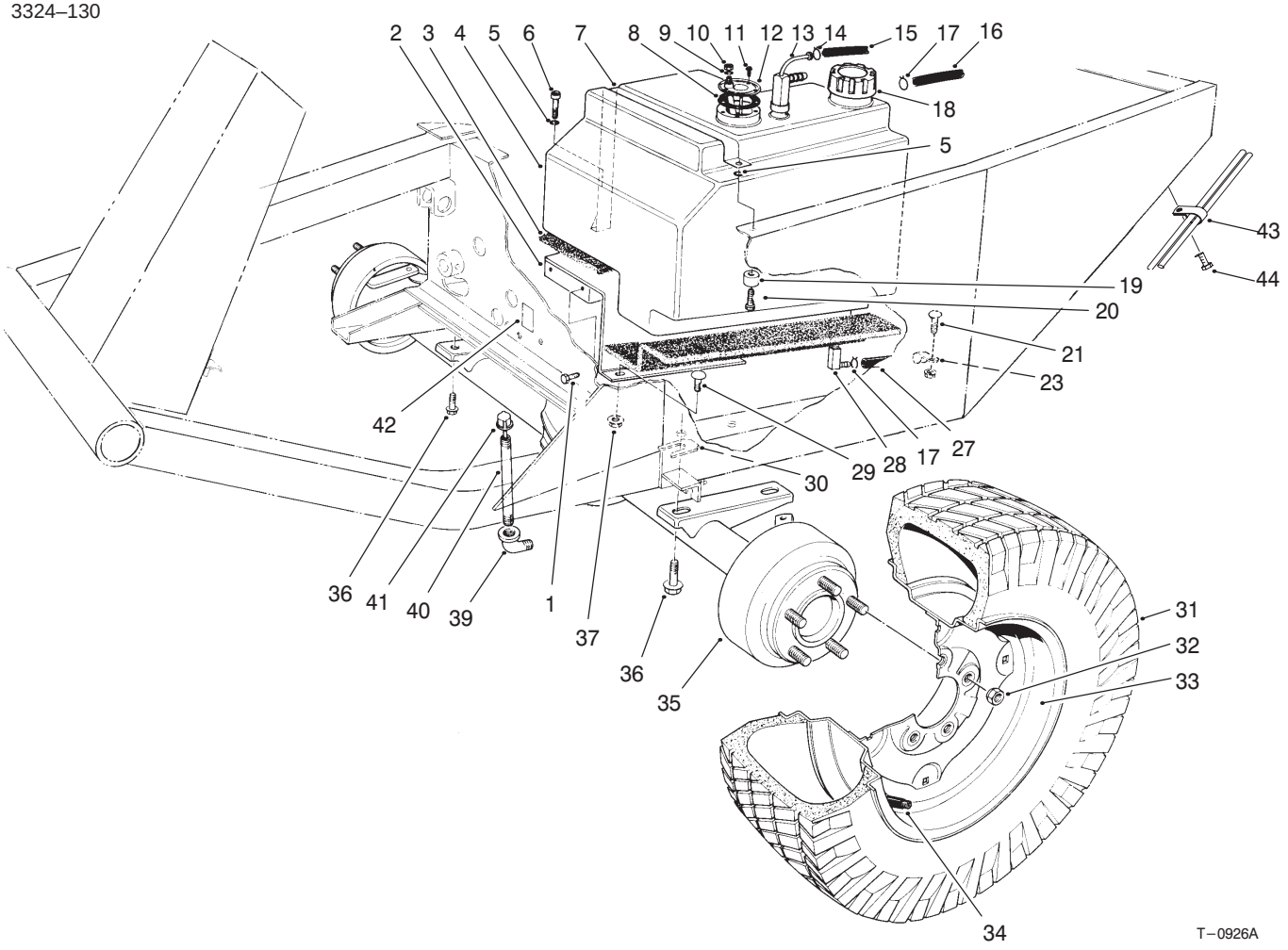


Front Axle & Fuel Tank Assembly

Ref. No.	Part No.	Qty.	Description
1	3234–11	2	Screw–HFH
2	68–9760	1	Fuel Tank Base
3	21–3600	1	Foam–Tank Support
4	43–4150	1	Fuel Tank (Incl. Ref. #13 & 14)
5	3253–3	2	Washer–Lock
6	32104–96	1	Screw–HH
7	37–9550	1	Strap–Fuel Tank
8	62–7650	1	Gasket
9	3253–17	1	Washer–Lock
10	3219–14	1	Nut
11	32144–53	5	Screw–HFH
12	62–6840	1	Sender–Fuel Level
13	43–4160	1	Fitting–Return & Vent
14	2412–80	2	Clamp
15	100–6588	1	Hose–Return
16	43–5690	1	Hose–Vent, Fuel Tank
17	2412–6	2	Clamp
18	55–3572	1	Fuel Cap
19	22–7810	1	Spacer
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

Ref. No.	Part No.	Qty.	Description
30	42–6080	A/R	Shim–Axle
31	231–138	2	Tire–6 Ply
*	231–95	2	Tire–23x10.5x12 (4 Ply) (Optional)
*	69–9880	2	Tire–23x10.5x12 (6 Ply) (Optional)
32	23–7270	10	Nut–Wheel
33	217–117	2	Rim
*	217–116	2	Rim–23x10.5x12 (Optional)
34	232–31	2	Valve Stem w/Cap
*	232–27	1	Valve Stem (For 23x10.5x12 Rim Opt.)

*Not Illustrated

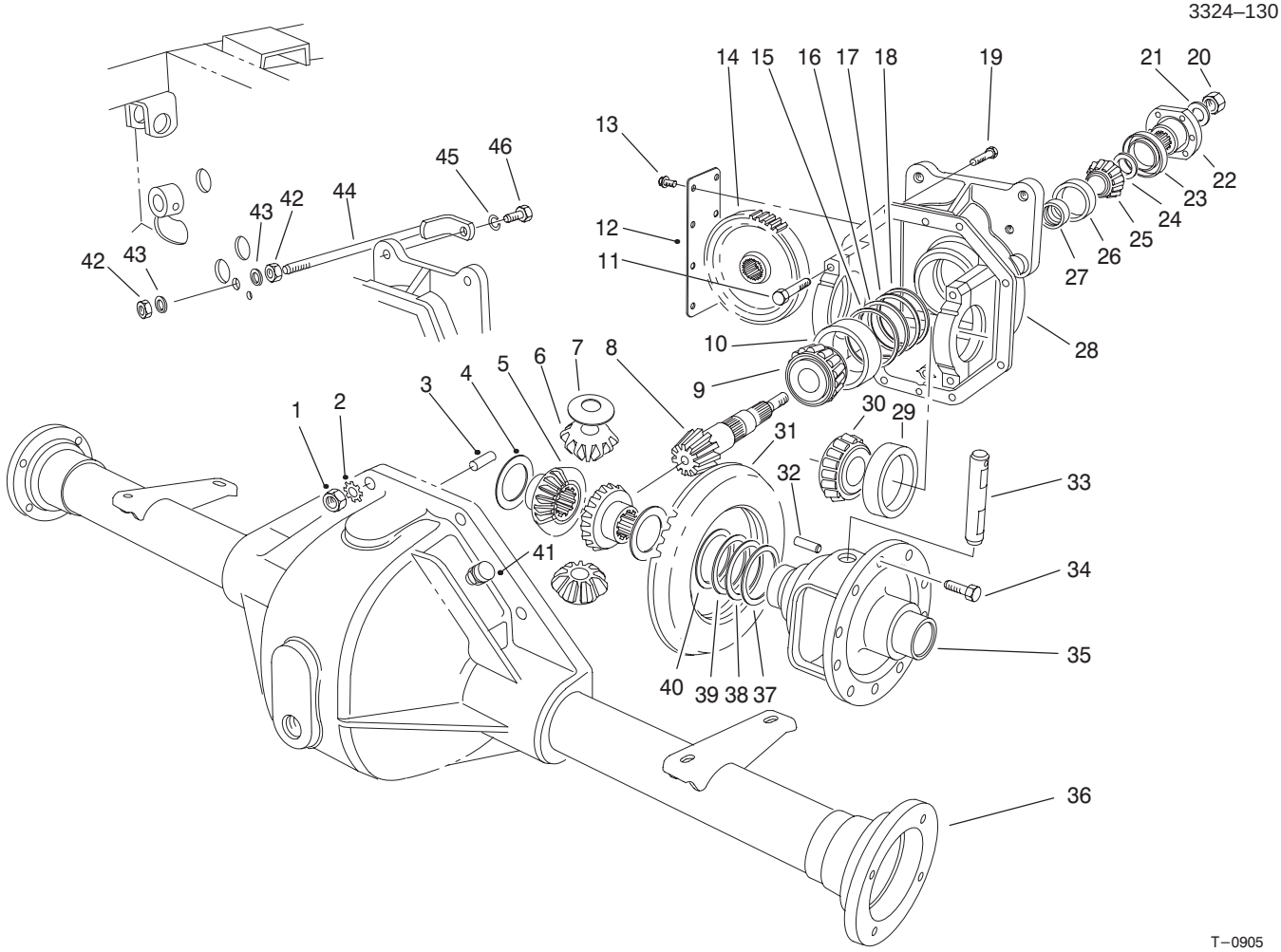


Front Axle & Fuel Tank Assembly

Ref. No.	Part No.	Qty.	Description
35	86–9630	1	Asm–Front Axle
36	32144–67	4	Screw–HFH
37	32128–20	3	Nut–HFH
39	2811–9	1	Street Elbow
40	289–37	1	Nipple–Pipe
41	23–5180	1	Dipstick
42	53–4430	1	Decal–Oil
*	231–90	2	Tube–Inner
*	62–7020	2	Asm–Wheel & Tire (23”x10.5”x12” 4 Ply) (Optional)
*	69–9870	2	Asm–Wheel & Tire (23”x10.5”x12” 6 Ply) (Optional)
43	2412–74	1	Clamp–R
44	32144–14	1	Screw HH

Ref. No.	Part No.	Qty.	Description

*Not Illustrated



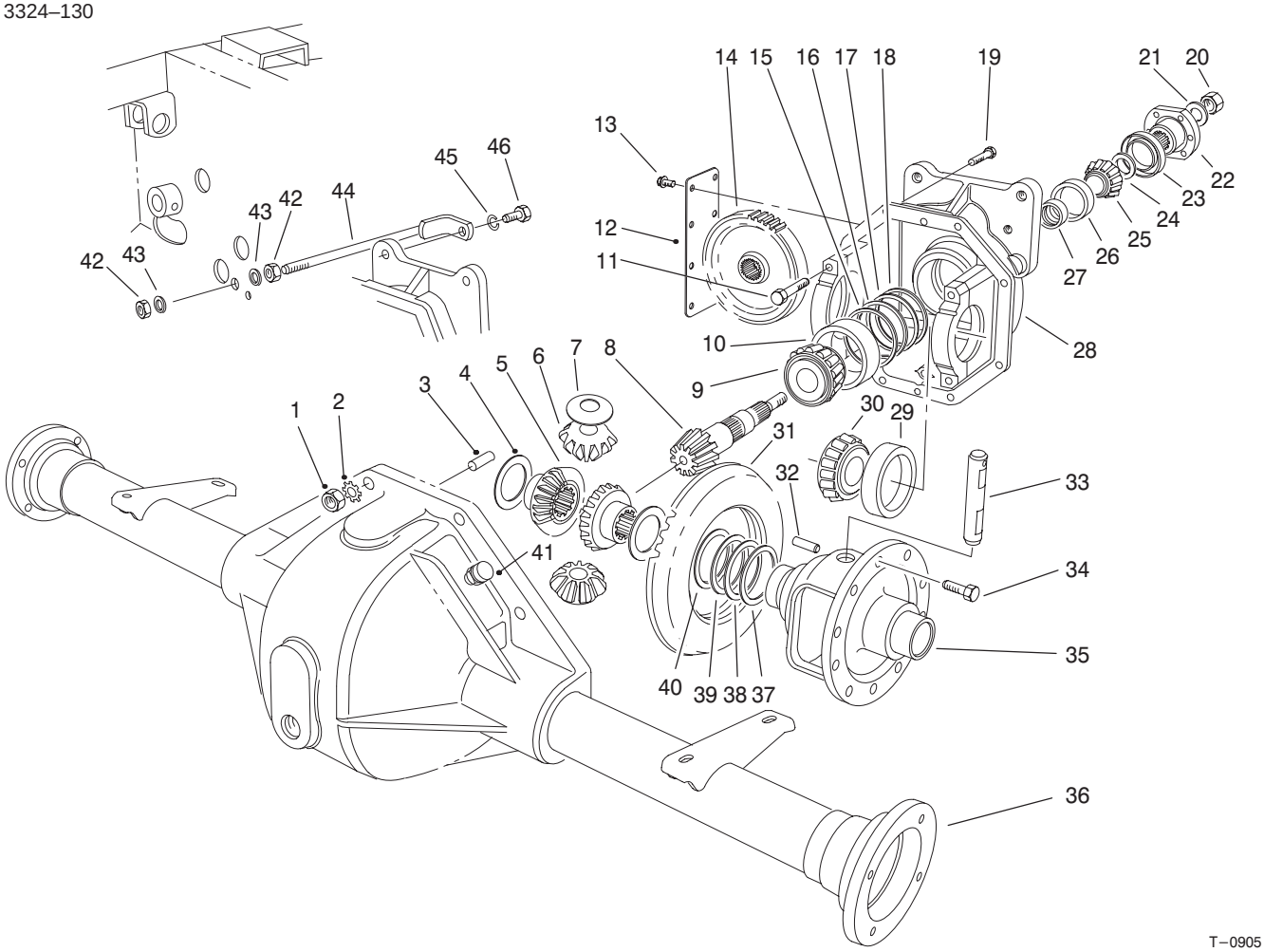
T–0905

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–Thread Forming
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.

*Not Illustrated

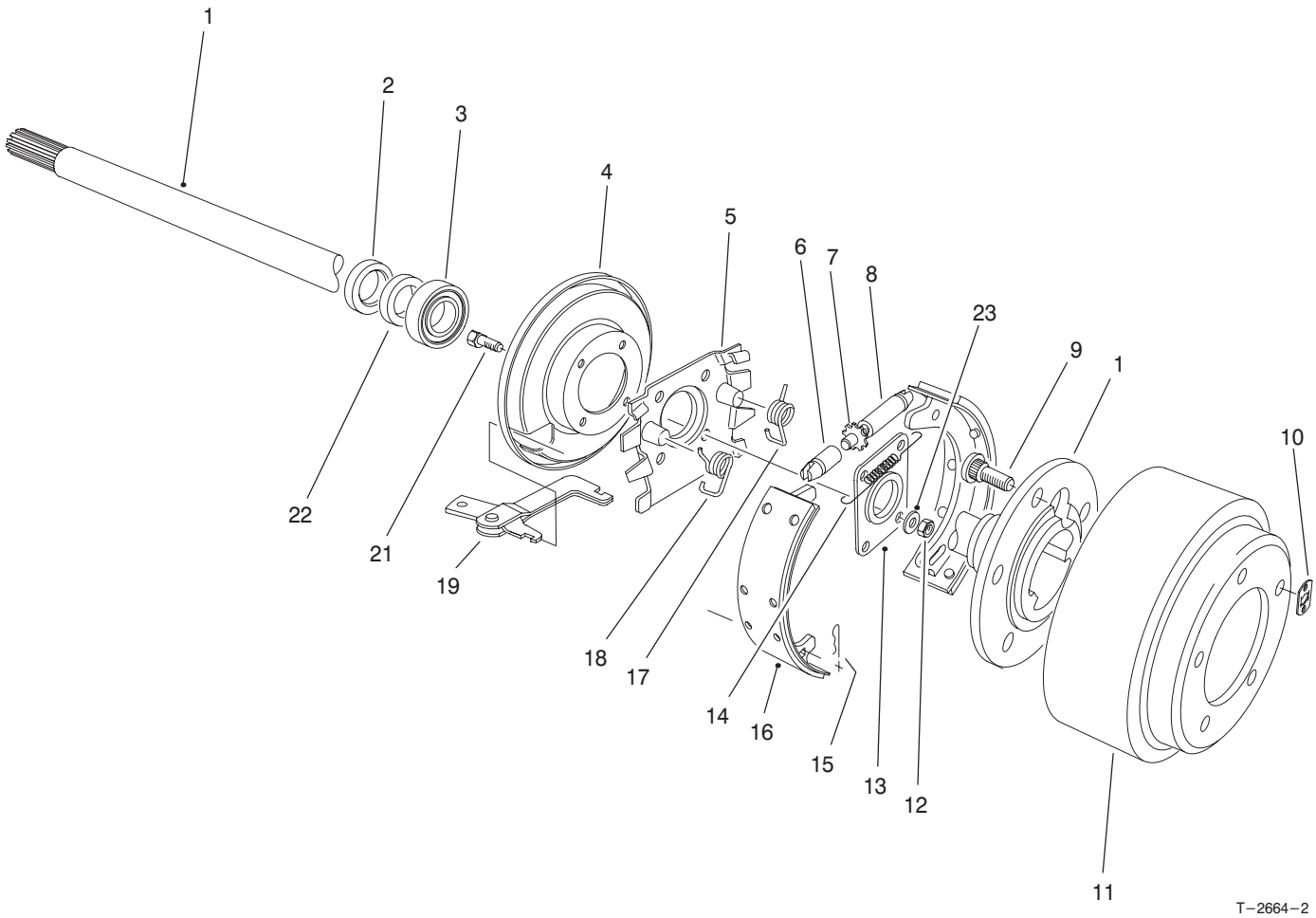


Front Axle Assembly No. 86–9630 (Continued)

Ref. No.	Part No.	Qty.	Description
*	72–3598	A/R	Shim .149–Diff. Adjust.
*	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

Ref. No.	Part No.	Qty.	Description
46	323–6	1	Screw–HH
*	92–1676	1	Asm–Gear & Pinion (Incl. Ref. #8 & 31)
*	92–4902	1	Asm–Upper Housing (Incl. Ref. #4–35 & 37–40)

*Not Illustrated

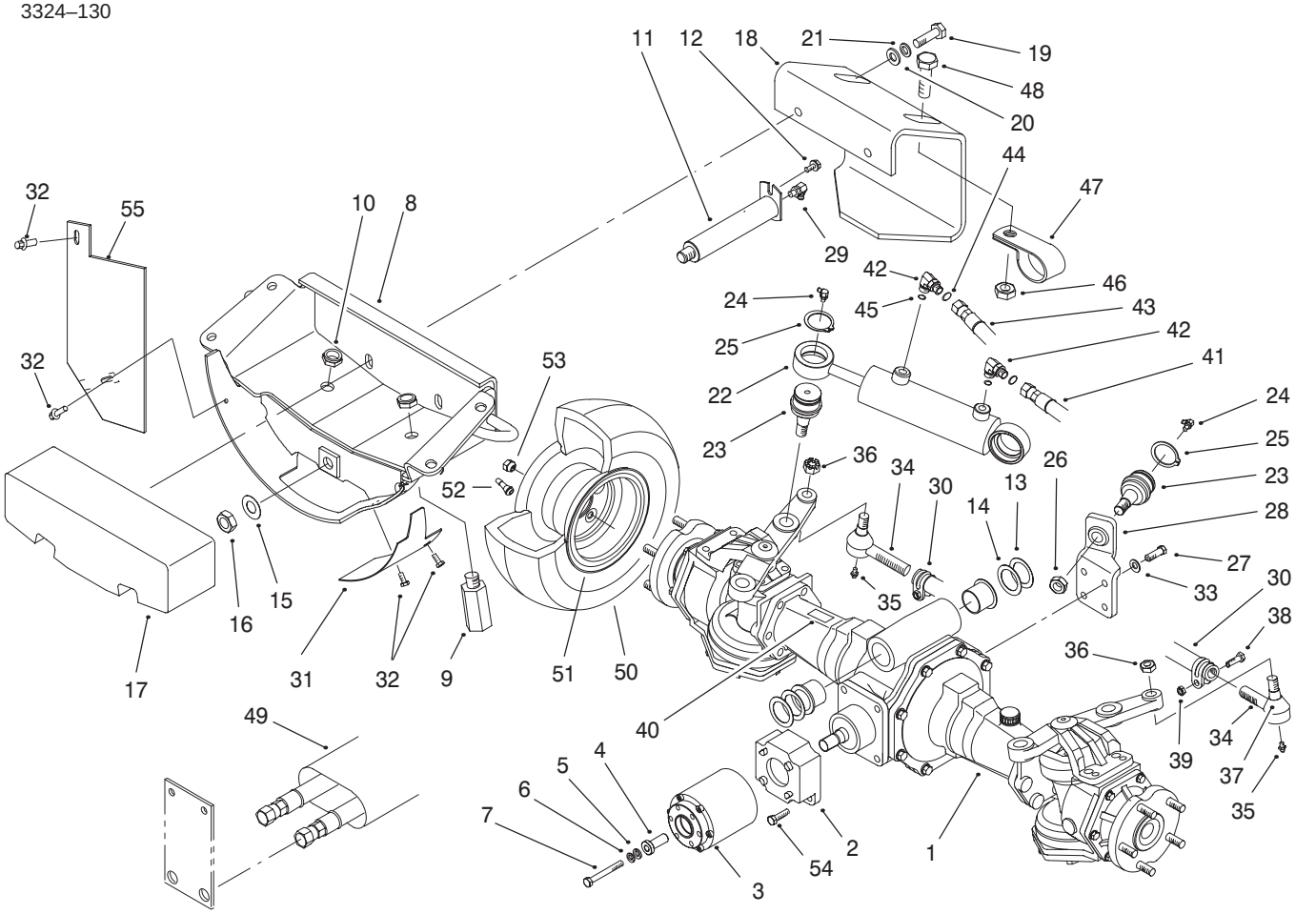


Brake Assembly

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	21–9380	2	Nut–Pivot
9	242–34	10	Stud–Flanged, Axle
10	21–8360	2	Clip–Retaining
11	28–0680	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 LH
18	21–9430	2	Spring–Shoe Return RH
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	2	Kit–Gasket, Liquid

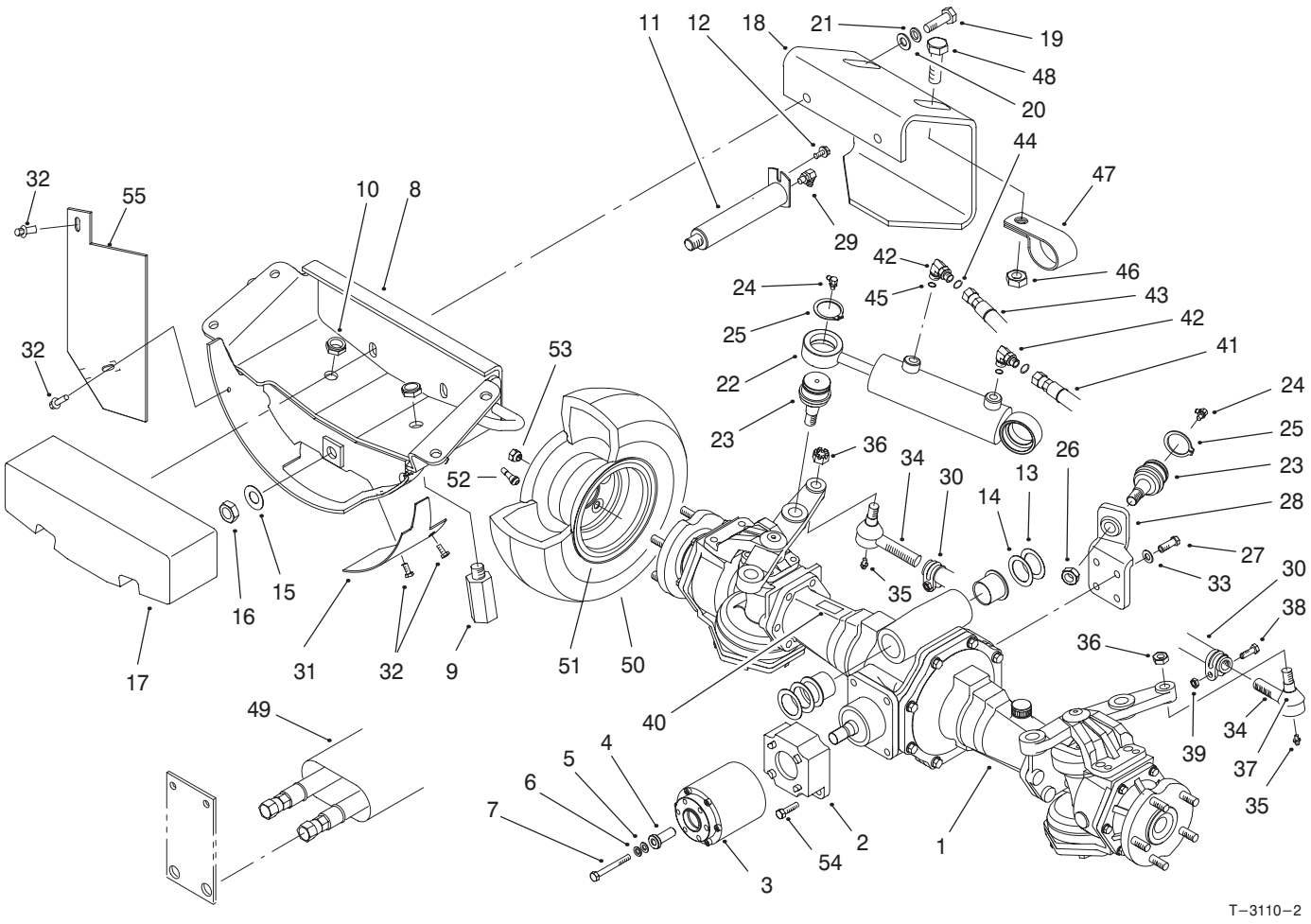
*Not Illustrated



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	4	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)



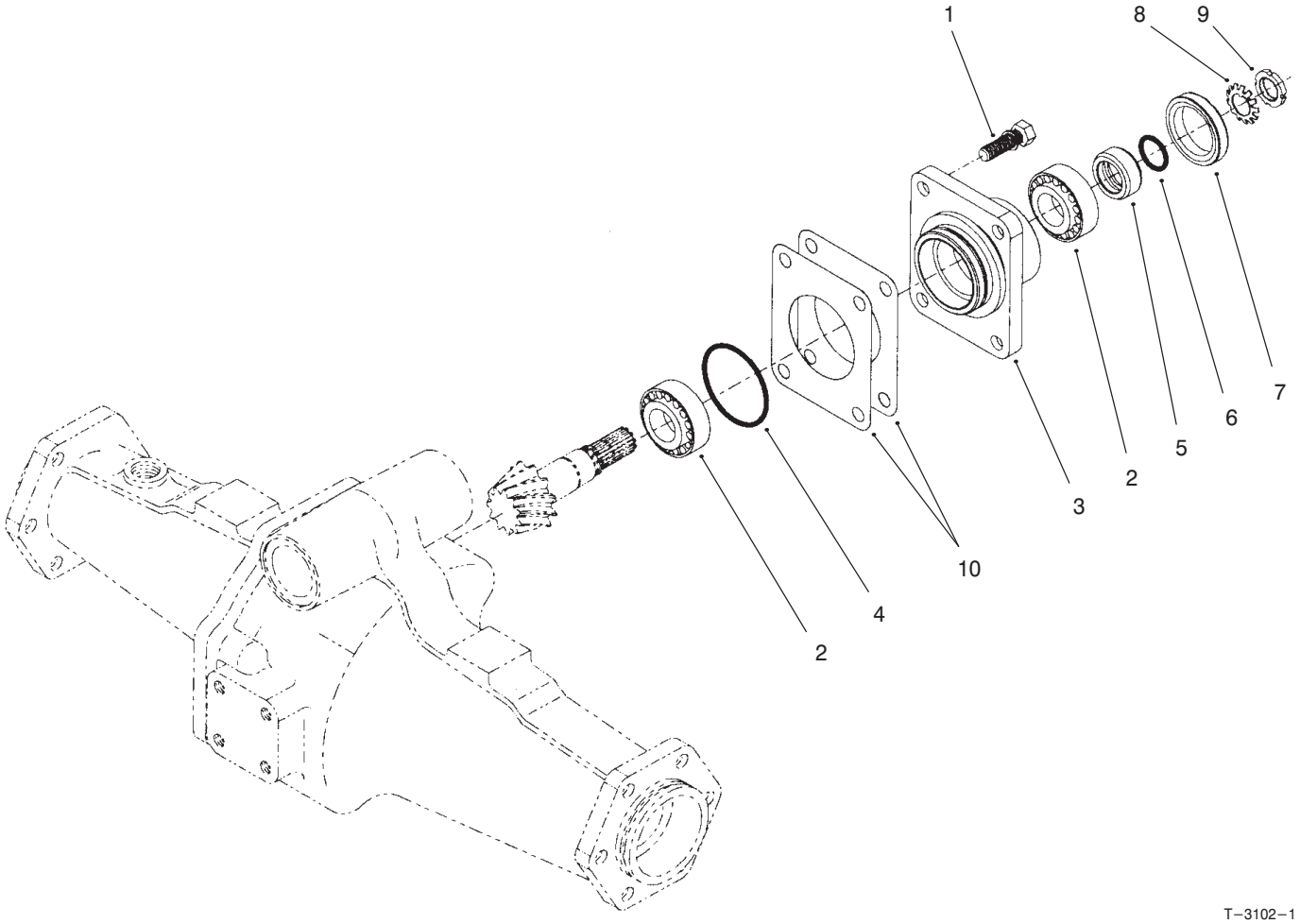
T–3110–2

Rear Axle Assembly

Ref. No.	Part No.	Qty.	Description
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
49	56–7985	1	Sleeve
50	231–122	2	Tire
51	99–2410	2	Rim
52	232–31	2	Stem–Valve
53	93–5268	10	Nut–Lug
*	98–3871	1	Asm–Tie Rod (Incl. Ref. #30 & 34–39)
54	87–3700	2	Screw
55	93–8737	1	Guard–Flywheel

Ref. No.	Part No.	Qty.	Description

*Not Illustrated



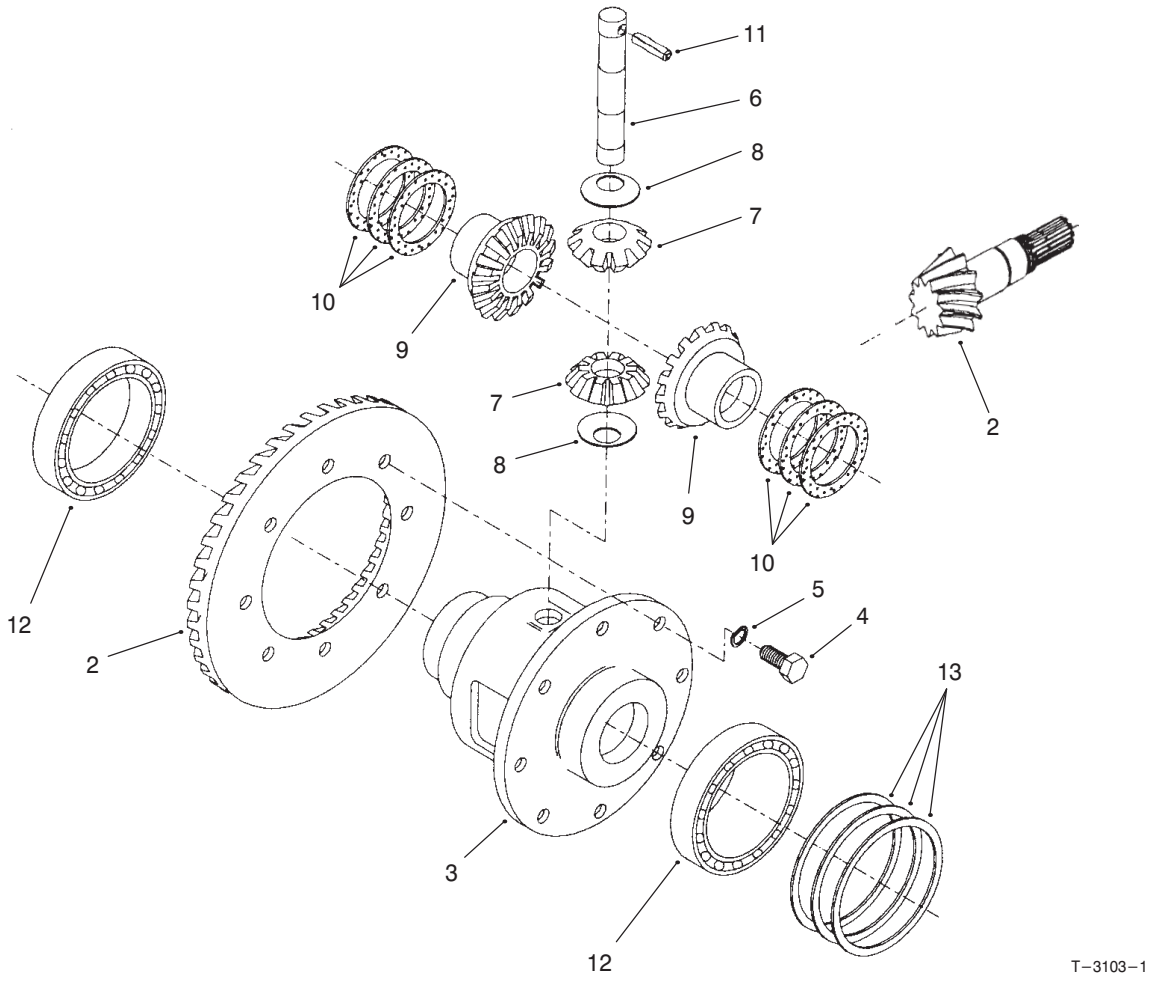
T–3102–1

Rear axle Assembly No. 95–7501
Bevel Pinion Shaft Assembly

Ref. No.	Part No.	Qty.	Description
1	99–7575	2	Bolt
2	99–7570	2	Bearing–Taper Roller
3	95–7535	1	Case–Bearing
4	99–7571	1	O–Ring
5	99–7572	1	Collar–Oil Seal
6	99–7573	1	O–Ring
7	99–7574	1	Seal–Oil
8	99–7559	1	Washer–Lock
9	99–7560	1	Nut–Lock
10	99–7550	2	Shim–0.1
*	99–7551	2	Shim–0.2

Ref. No.	Part No.	Qty.	Description

*Not Illustrated

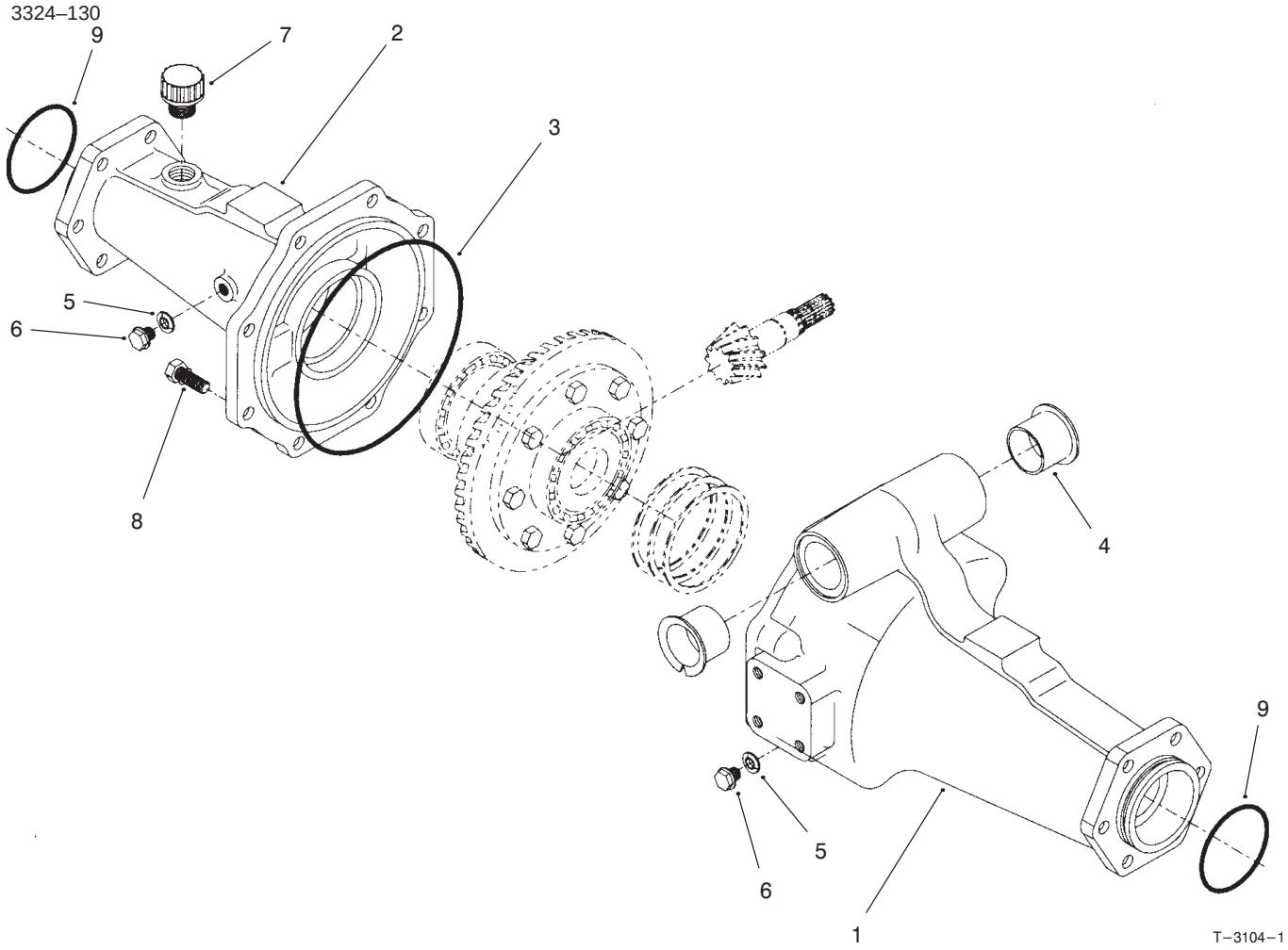


Rear Axle Assembly No. 95–7501 (Continued)
Differential Assembly

Ref. No.	Part No.	Qty.	Description
1	95–7503	1	Asm–Differential (Incl. Ref. #2–11)
2	100–2555	1	Ring & Pinion Matched Set
3	95–7502	1	Case–Differential
4	99–7576	8	Bolt
5	99–7577	8	Washer–Spring
6	99–7578	1	Shaft–Differential Pinion
7	99–7579	2	Pinion–Differential
8	99–7580	2	Washer–Differential Pinion
9	99–7581	2	Gear–Differential, Side
10	99–7582	2	Washer–Differential
*	99–7583	2	Washer–Differential
*	99–7584	2	Washer–Differential
11	99–7588	1	Pin–Spring
12	99–7562	2	Bearing–Ball
13	99–7585	2	Shim–0.1
*	99–7586	2	Shim–0.2
*	99–7587	2	Shim–0.4

Ref. No.	Part No.	Qty.	Description

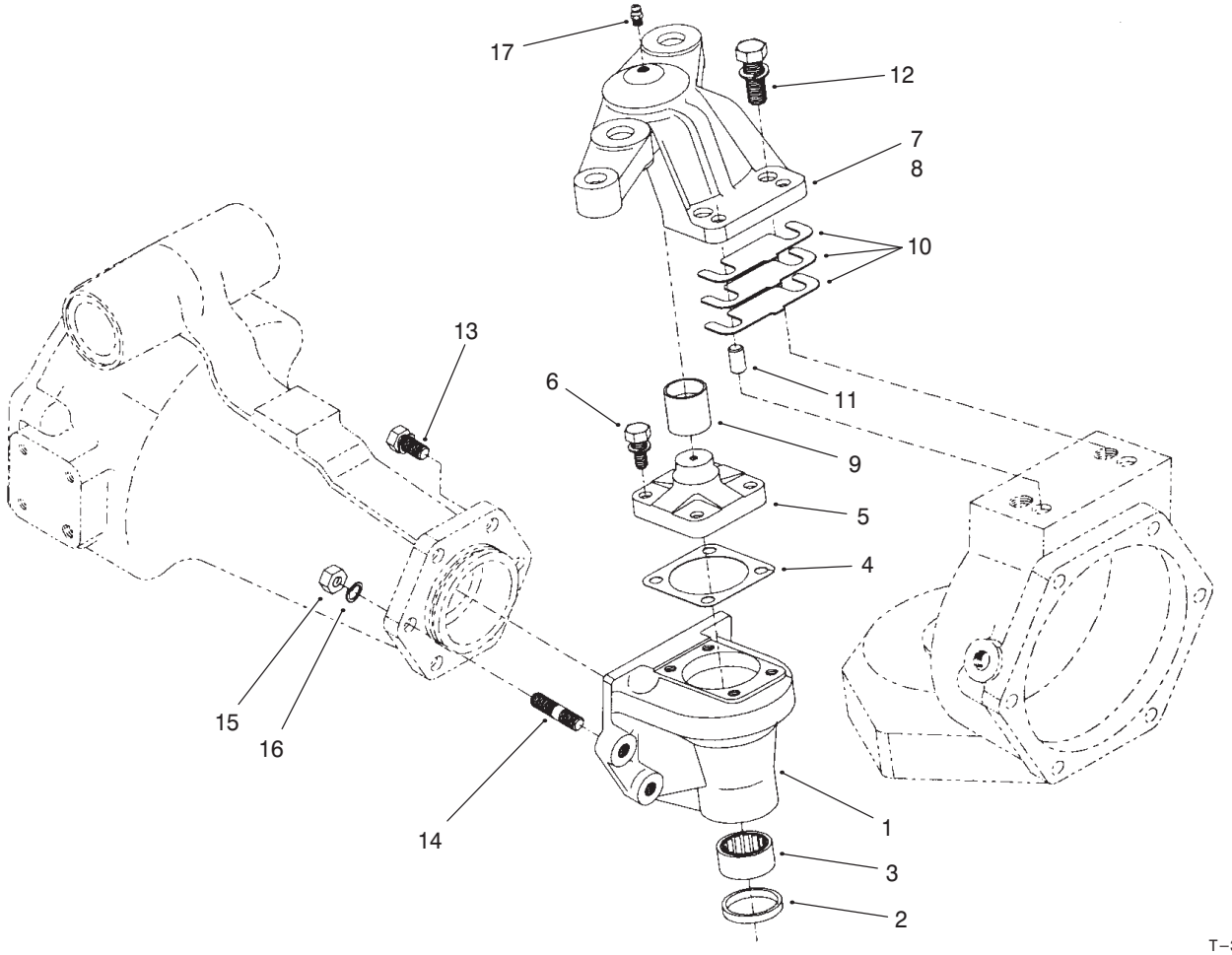
*Not Illustrated



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	Asm–Oil Plug
8	99–7592	8	Bolt
9	99–7593	2	O–Ring

Ref. No.	Part No.	Qty.	Description



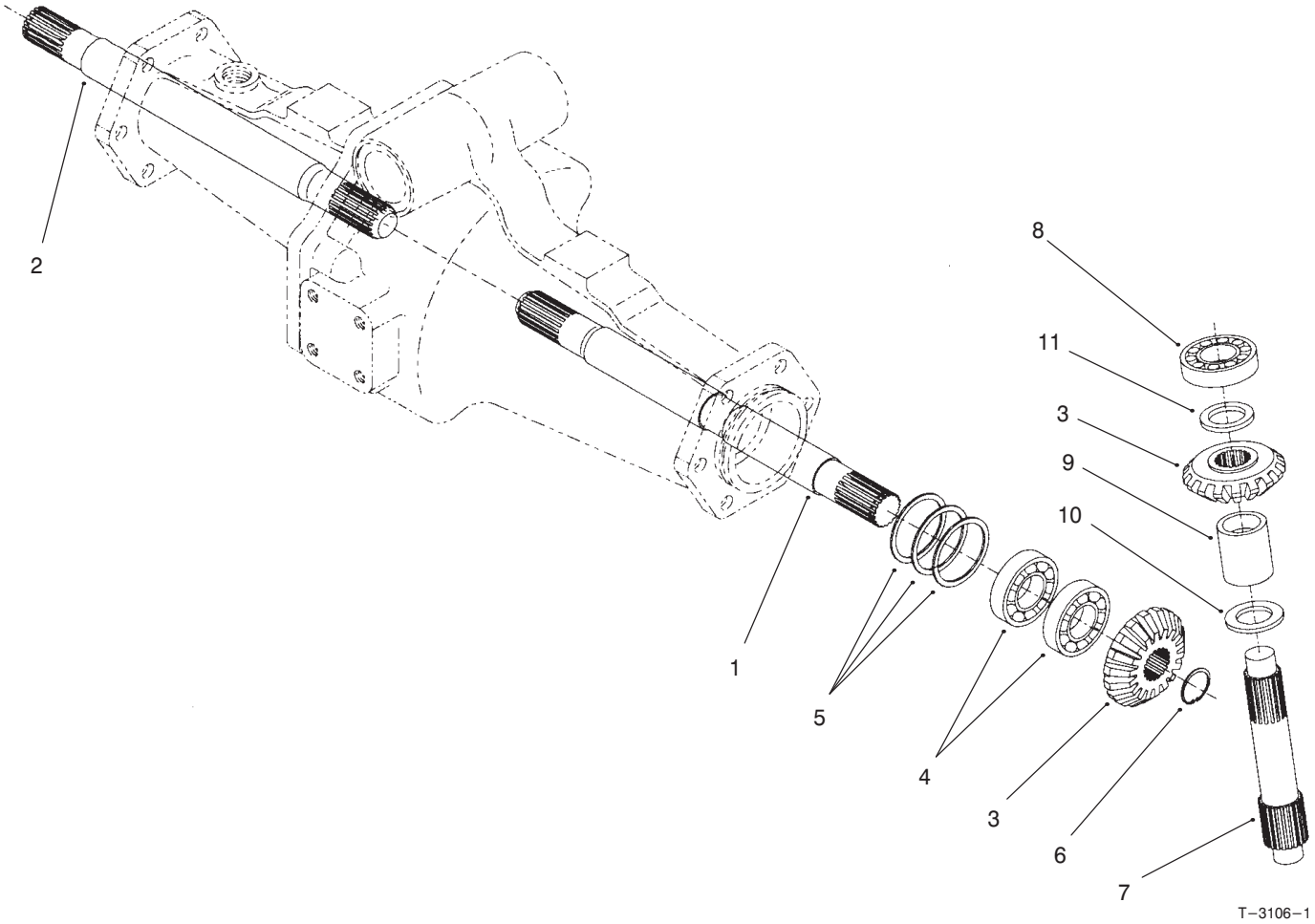
T–3105–1

Rear Axle Assembly No. 95–7501 (Continued)
Bevel Gear Case Assembly

Ref. No.	Part No.	Qty.	Description
1	95–7539	2	Case–Bevel Gear
2	99–7594	2	Seal–Oil
3	99–7595	2	Bearing–Needle
4	95–7511	2	Gasket
5	95–7510	2	Pin–Knuckle
6	99–7596	8	Bolt
7	95–7514	1	Support–Axle Case, LH
8	95–7516	1	Support–Axle Case, RH
9	99–7529	2	Bushing
10	95–7547	2	Shim–0.1
*	95–7548	2	Shim–0.2
*	95–7549	2	Shim–0.4
11	99–7597	4	Pin–Straight
12	99–7598	4	Bolt
13	99–7599	8	Bolt
14	99–7525	4	Stud
15	99–7526	4	Nut
16	99–7527	4	Washer–Spring
17	99–7528	2	Nipple–Grease

Ref. No.	Part No.	Qty.	Description

*Not Illustrated

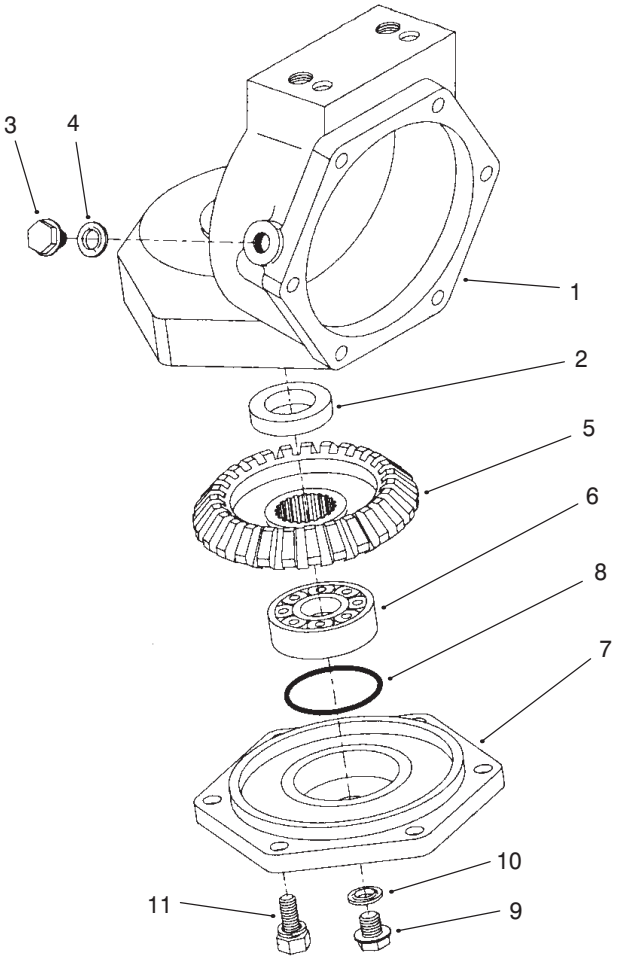


Rear Axle Assembly No. 95–7501 (Continued)
Bevel Gear Shaft Assembly

Ref. No.	Part No.	Qty.	Description
1	95–7509	1	Shaft–Differential Gear, LH
2	95–7512	1	Shaft–Differential Gear, RH
3	95–7518	4	Gear–18 Bevel
4	99–7530	4	Bearing–Ball
5	99–7552	2	Shim–0.1
*	99–7553	2	Shim–0.2
*	99–7554	2	Shim–0.5
6	99–7531	2	Clip
7	95–7530	2	Shaft–Bevel Gear
8	99–7532	2	Bearing–Taper Roller
9	95–7543	2	Spacer
10	99–7533	2	Collar–Thrust
11	99–7558	2	Collar

Ref. No.	Part No.	Qty.	Description

*Not Illustrated



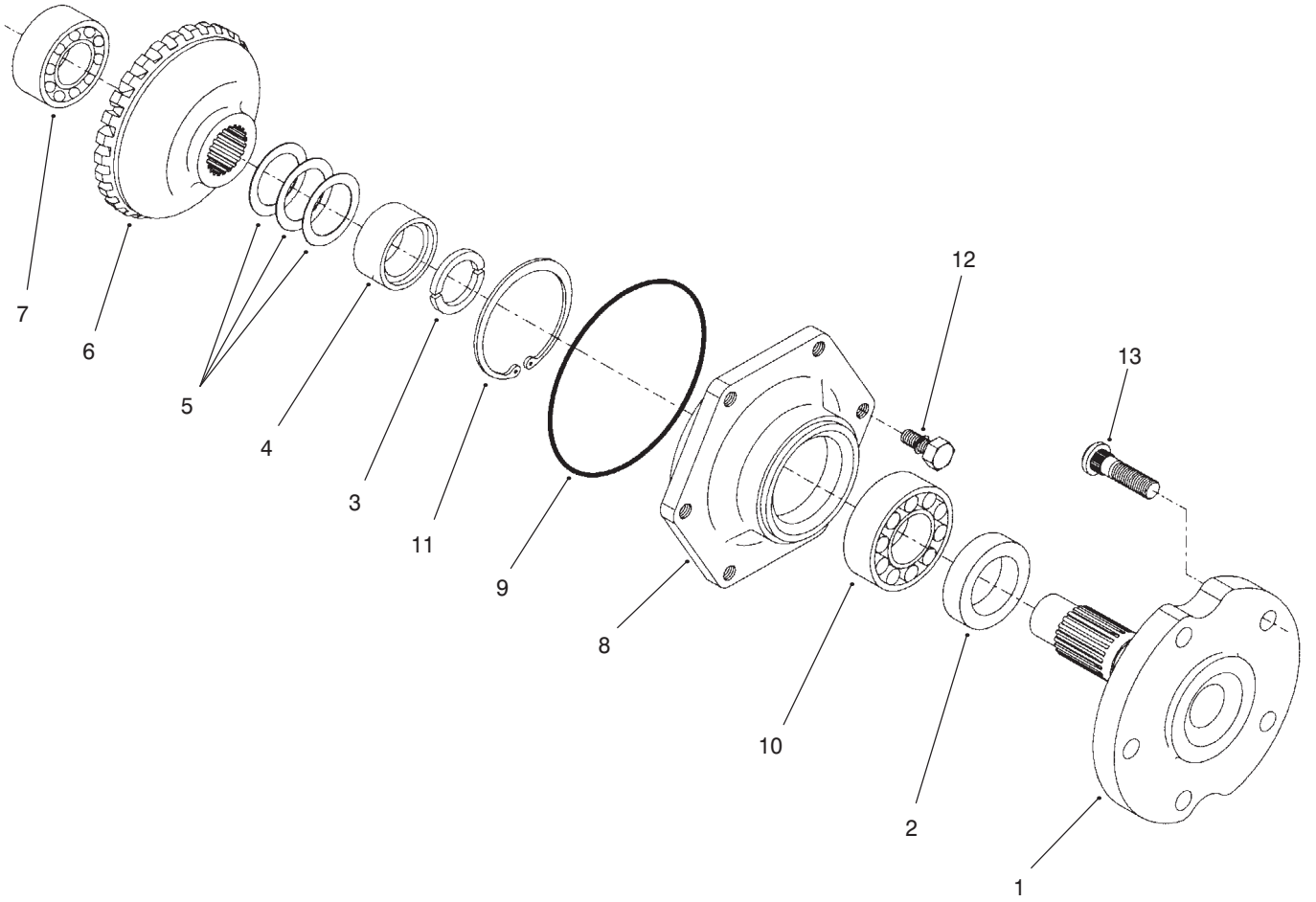
T–3107–1

Rear Axle Assembly No. 95–7501 (Continued)
Axle Case Assembly

Ref. No.	Part No.	Qty.	Description
1	95–7532	2	Case–Axle
2	99–7594	2	Seal–Oil
3	99–7535	2	Plug
4	99–7536	2	Washer–Seal
5	95–7528	2	Gear–27 Bevel
6	99–7532	2	Bearing–Taper Roller
7	95–7526	2	Cover–Axle
8	99–7537	2	O–Ring
9	99–7589	2	Plug
10	99–7590	2	Washer–Seal
11	99–7596	12	Bolt

Ref. No.	Part No.	Qty.	Description

3324–130



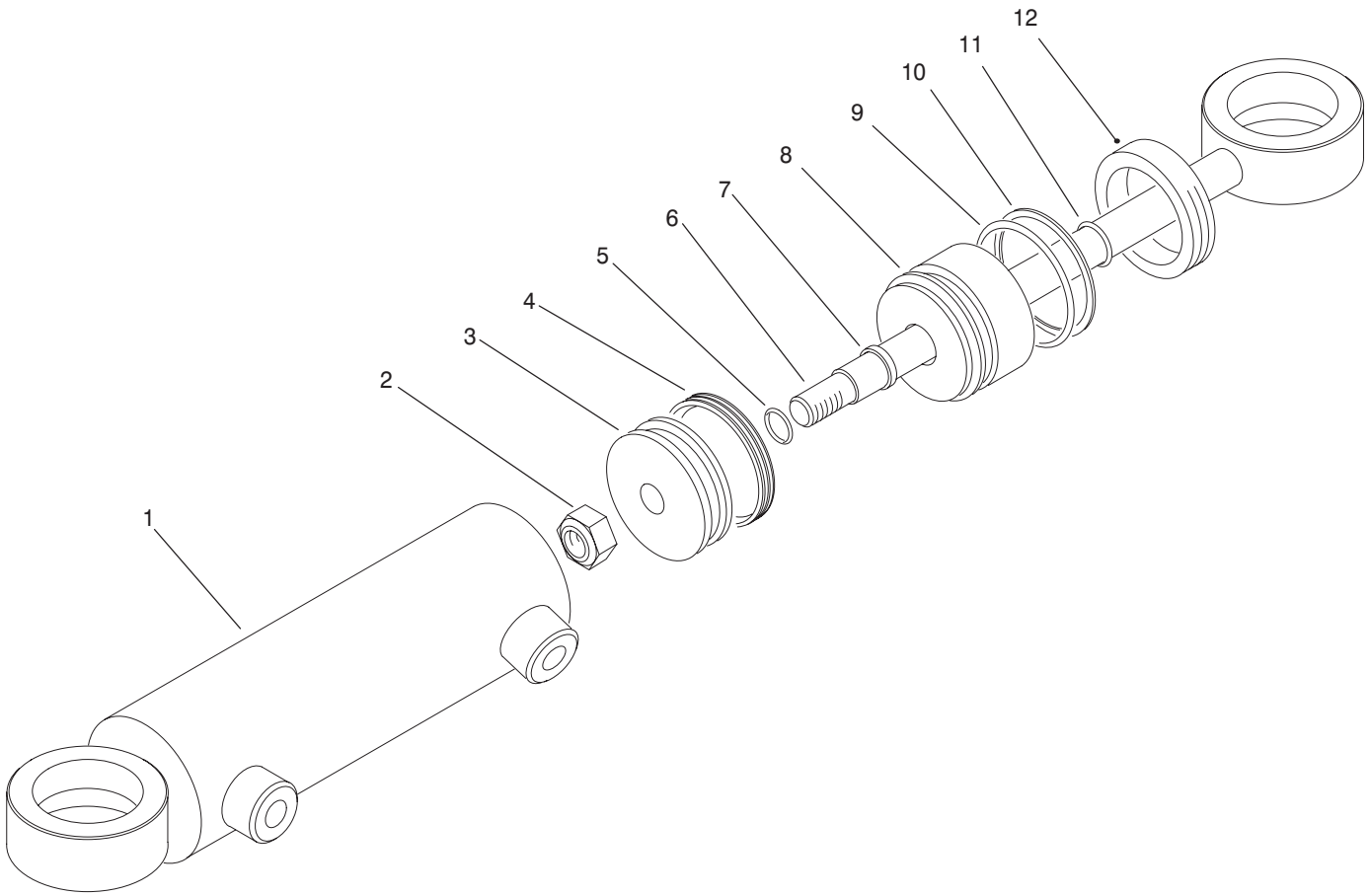
T–3108–1

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



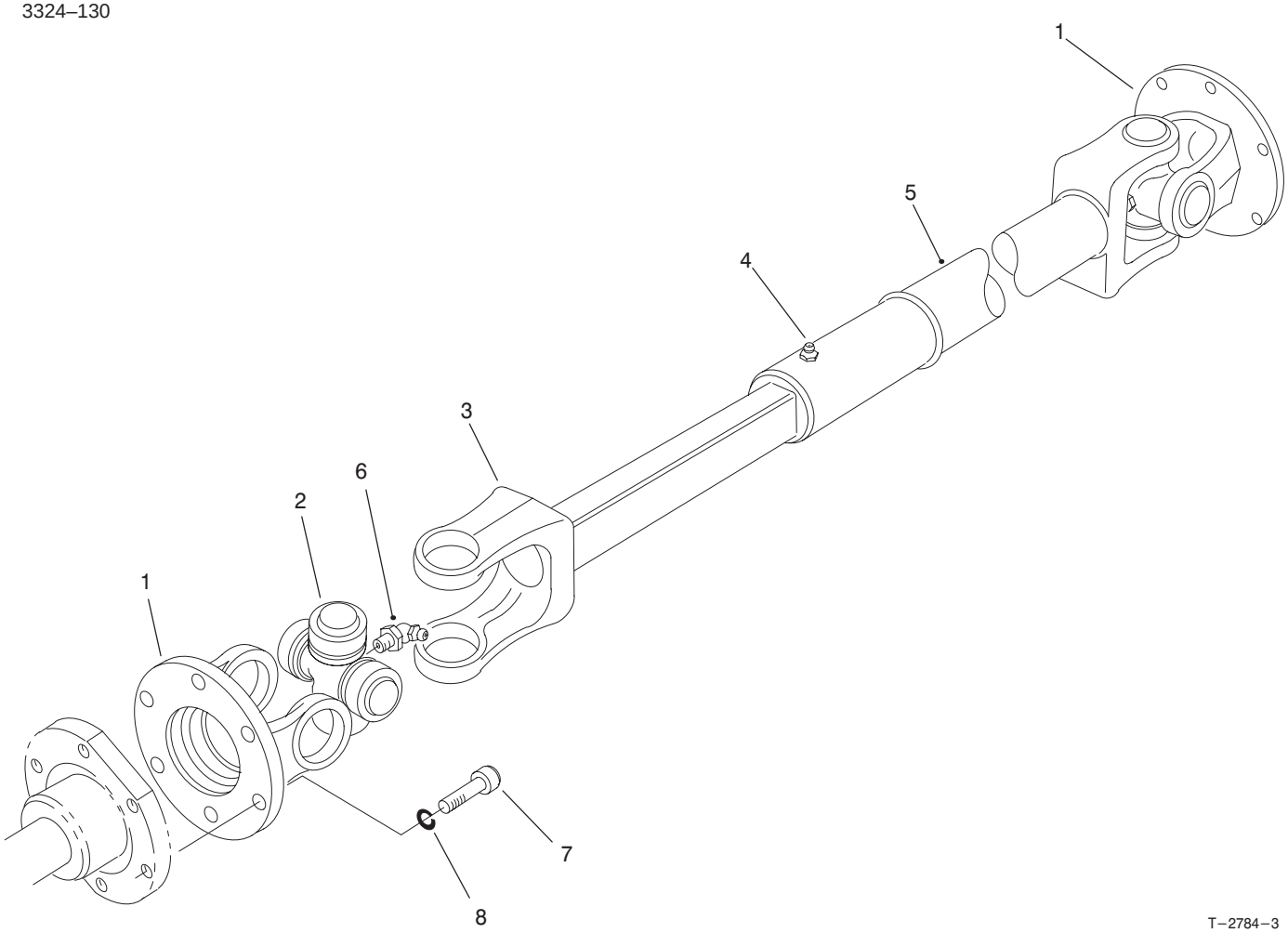
T–3111–1

Steering Cylinder No. 99–2415

Ref. No.	Part No.	Qty.	Description
†1		1	Asm–Barrel
2	32152–10	1	Nut–Lock
†3		1	Piston
†4		1	Uniring
†5		1	O–Ring
†6		1	Rod
†7		1	Seal–Rod
†8		1	Head
†9		1	O–Ring
†10		1	Seal–Backup
†11		1	Seal–Dust
†12		1	Collar–Internal
*	86–5390	1	Kit–Seal Repair (Incl. Ref. #4, 5, 7 & 9–11)

Ref. No.	Part No.	Qty.	Description

*Not Illustrated
†Not Serviced Separately



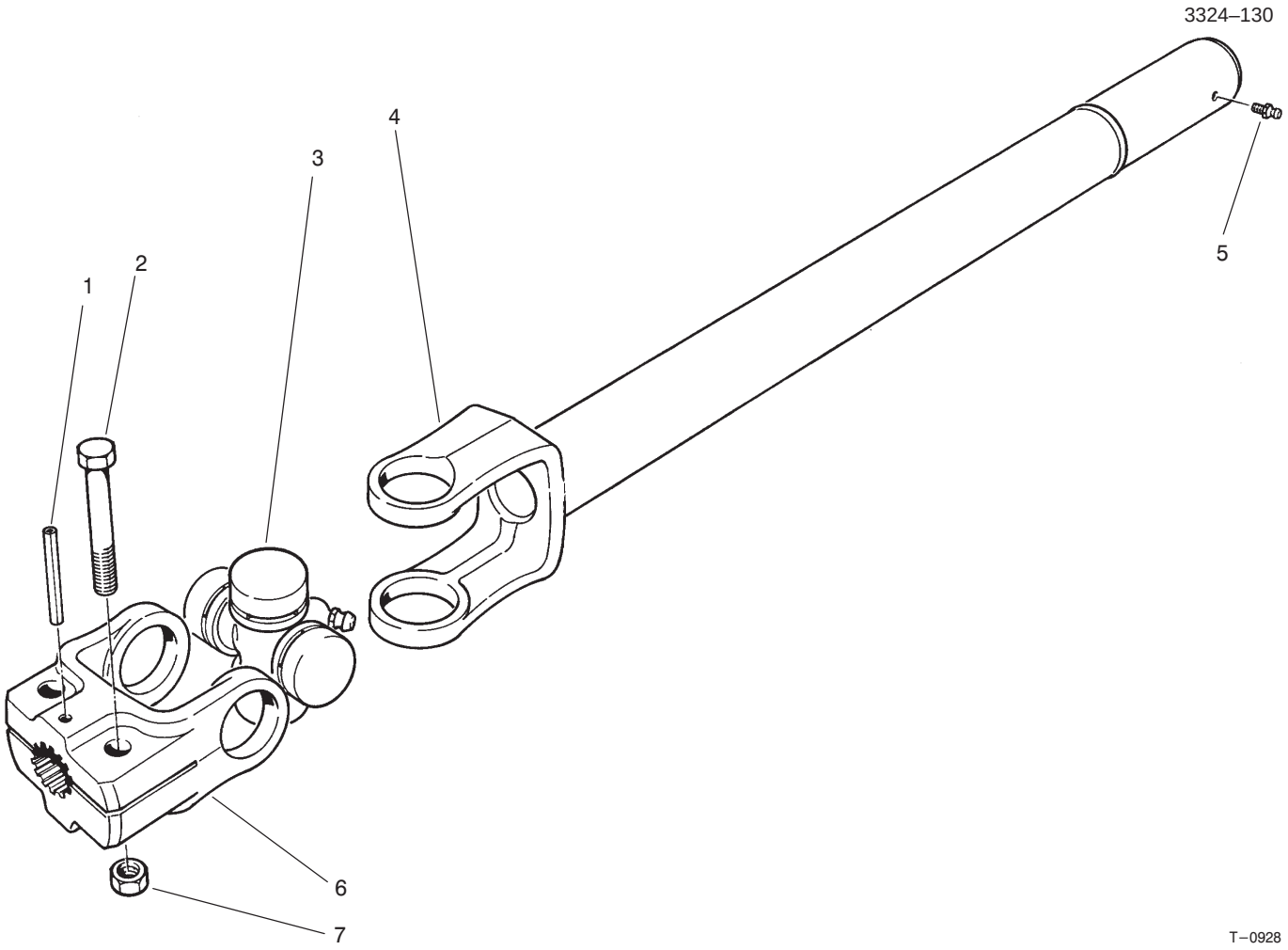
T–2784–3

Drive Shaft Assembly No. 98–5009

Ref. No.	Part No.	Qty.	Description
1	72–3410	2	Yoke–Flange
2	54–9180	2	Kit–Universal Joint
3	72–3420	1	Shaft–Yoke, Slip
4	302–58	1	Fitting–Grease
5	72–3431	1	Tube–Yoke, Slip
6	62–3820	2	Fitting–Grease 65#
†7	3274–8	6	Screw–HFH
†8	3253–3	6	Washer–Lock
*	98–5009	1	Driveshaft (Complete)
*	92–5096	1	Asm–Joint & Shaft (Incl. Ref. #1–3 & 6)

Ref. No.	Part No.	Qty.	Description

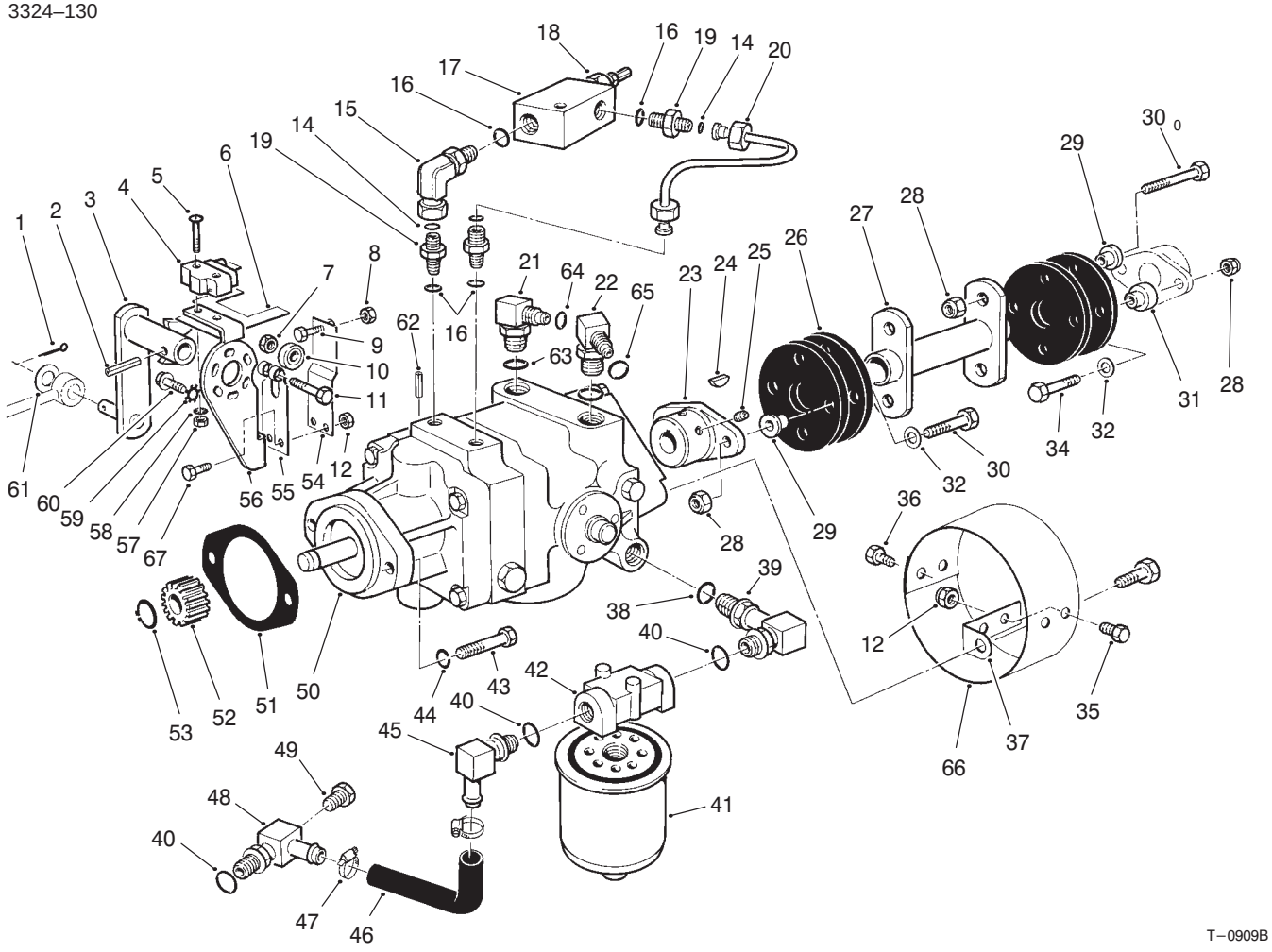
*Not Illustrated
†Order Item Separately



Drive Shaft Assembly No. 72–3741

Ref. No.	Part No.	Qty.	Description
1	32121–34	1	Pin–Roll
2	323–9	2	Screw–HH
3	54–9180	1	Kit–Joint, Universal
4	72–3461	1	Tube–Yoke, Half–Slip
5	302–58	1	Fitting–Grease
6	72–3450	1	Yoke–Flange, Split
7	32153–2	2	Nut–Lock

Ref. No.	Part No.	Qty.	Description

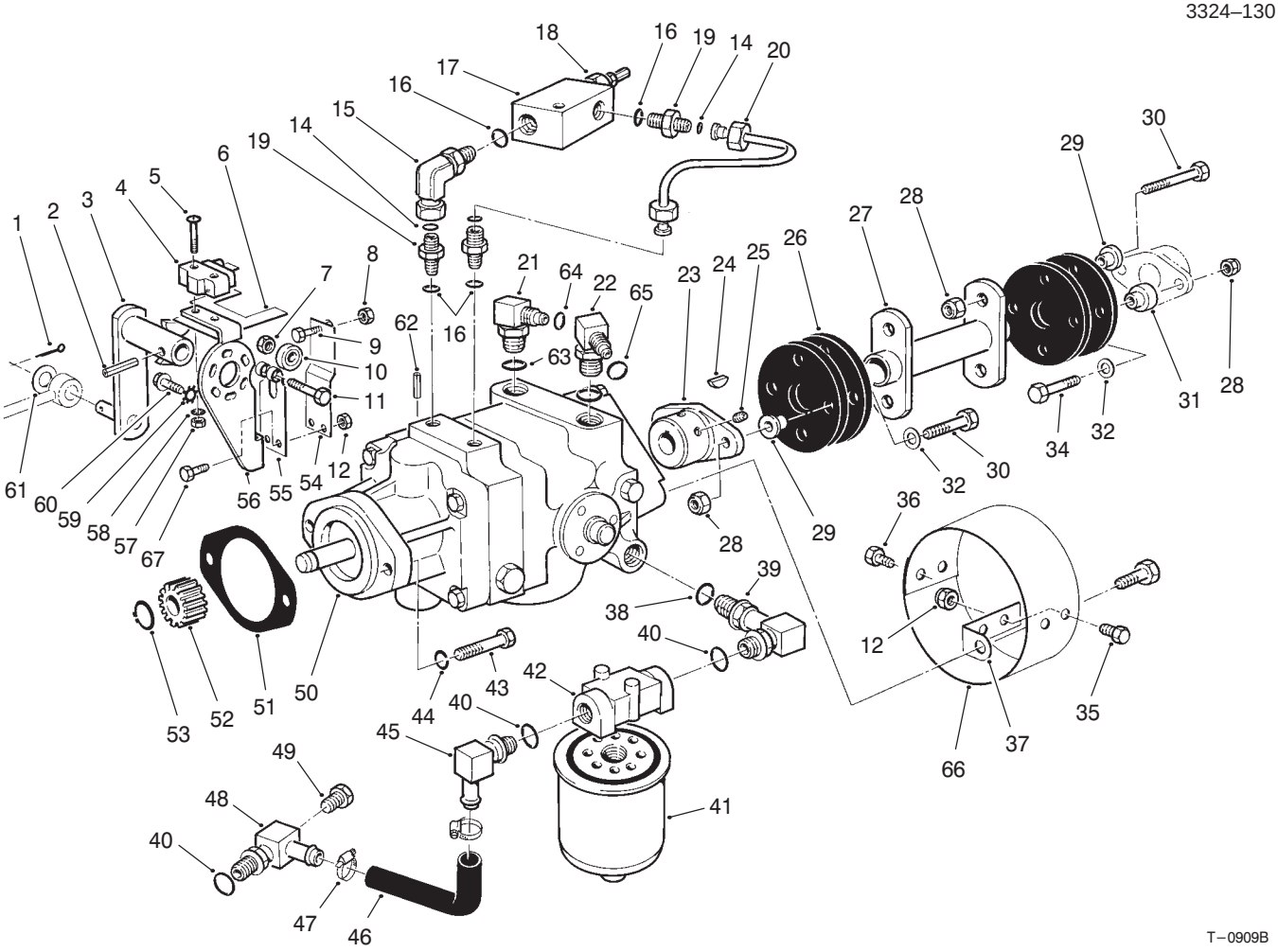


Hydrostatic Transmission Assembly

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	2	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

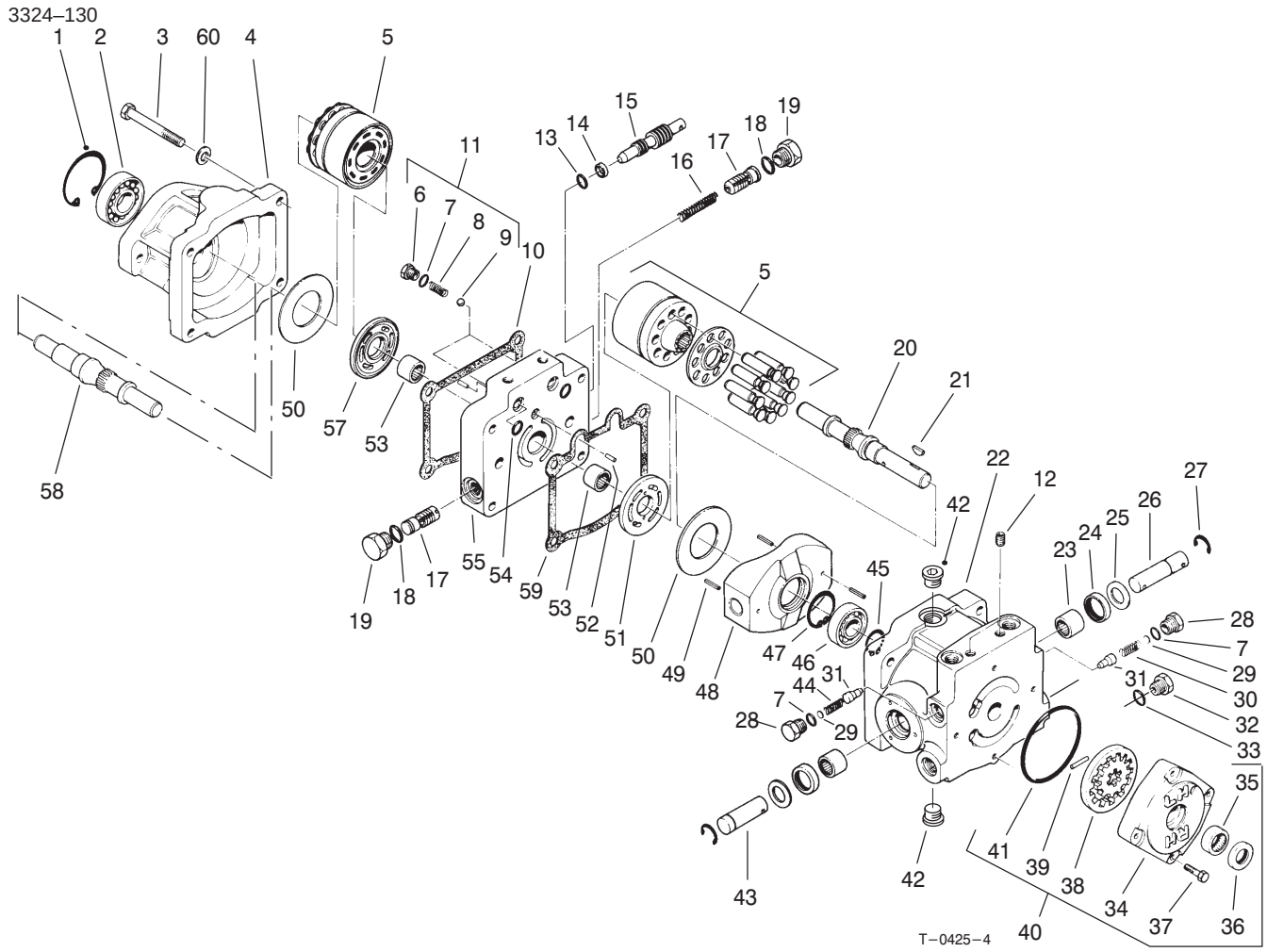


Hydrostatic Transmission Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
49	353–508	1	Plug–Drain
50	92–8947	1	Transmission–Inline
51	41–8760	1	Gasket–Transmission
52	86–7220	1	Gear–Output, Trans.
53	32120–72	1	Ring–Retaining
54	29–6170	1	Spring–Leaf, Extended
55	29–6150	1	Spring–Leaf
56	29–6120	1	Plate–Pump
57	3217–6	2	Nut–Hex
58	3254–9	2	Washer–Lock
59	3255–7	3	Washer–Lock
60	49–2040	3	Screw–Self Tapping
61	3256–6	1	Washer–Flat
62	32121–6	1	Pin–Roll
63	237–42	2	O–Ring
64	237–22	1	O–Ring
65	237–30	1	O–Ring
66	54–9300	1	Cover
67	321–6	2	Screw–HH
*	95–3092	1	Kit–400 Hour Filter (Incl. Ref. #41)

Ref. No.	Part No.	Qty.	Description

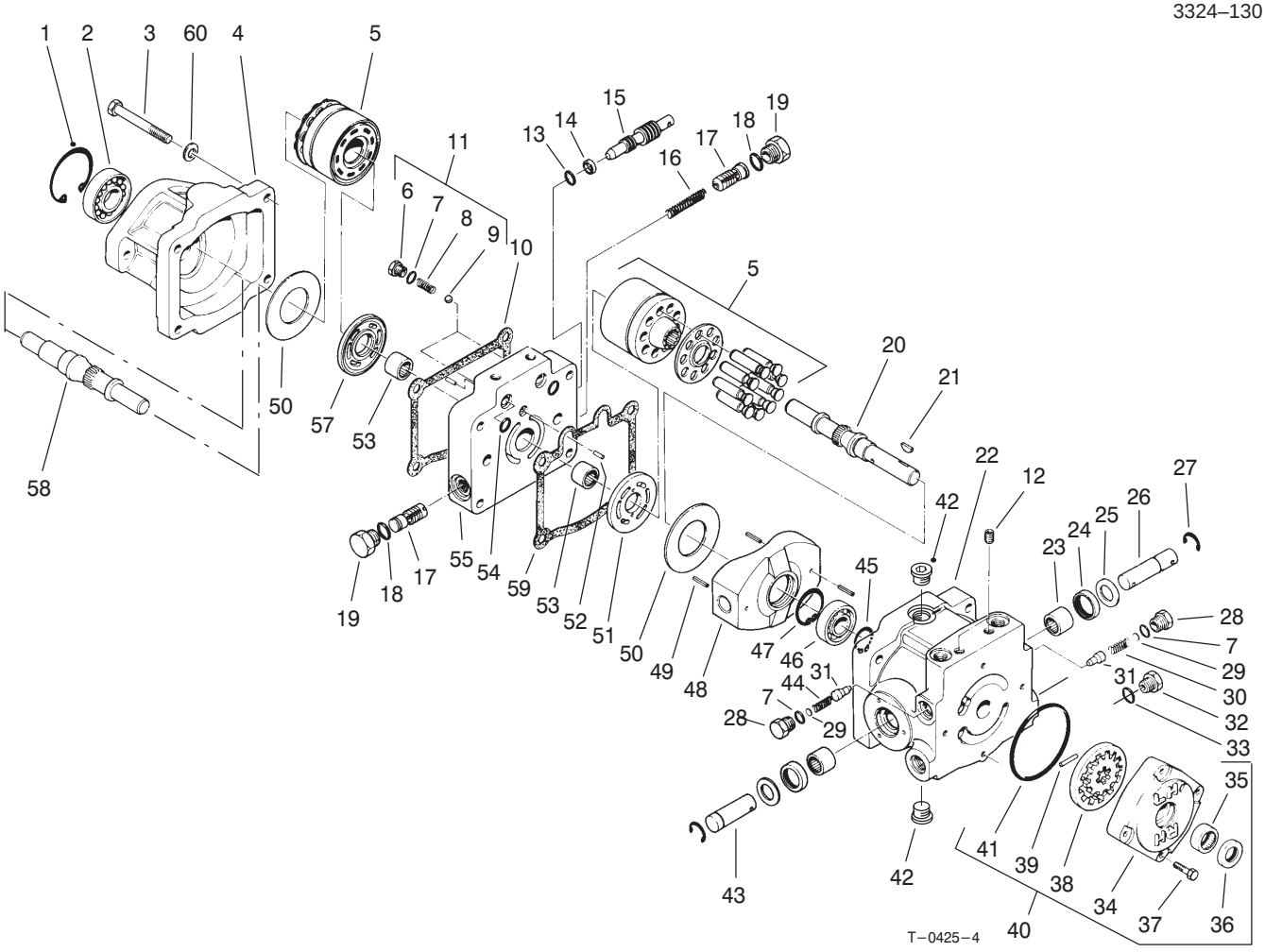
*Not Illustrated



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	Kit–Cylinder Block
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	99–5689	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–Bearing

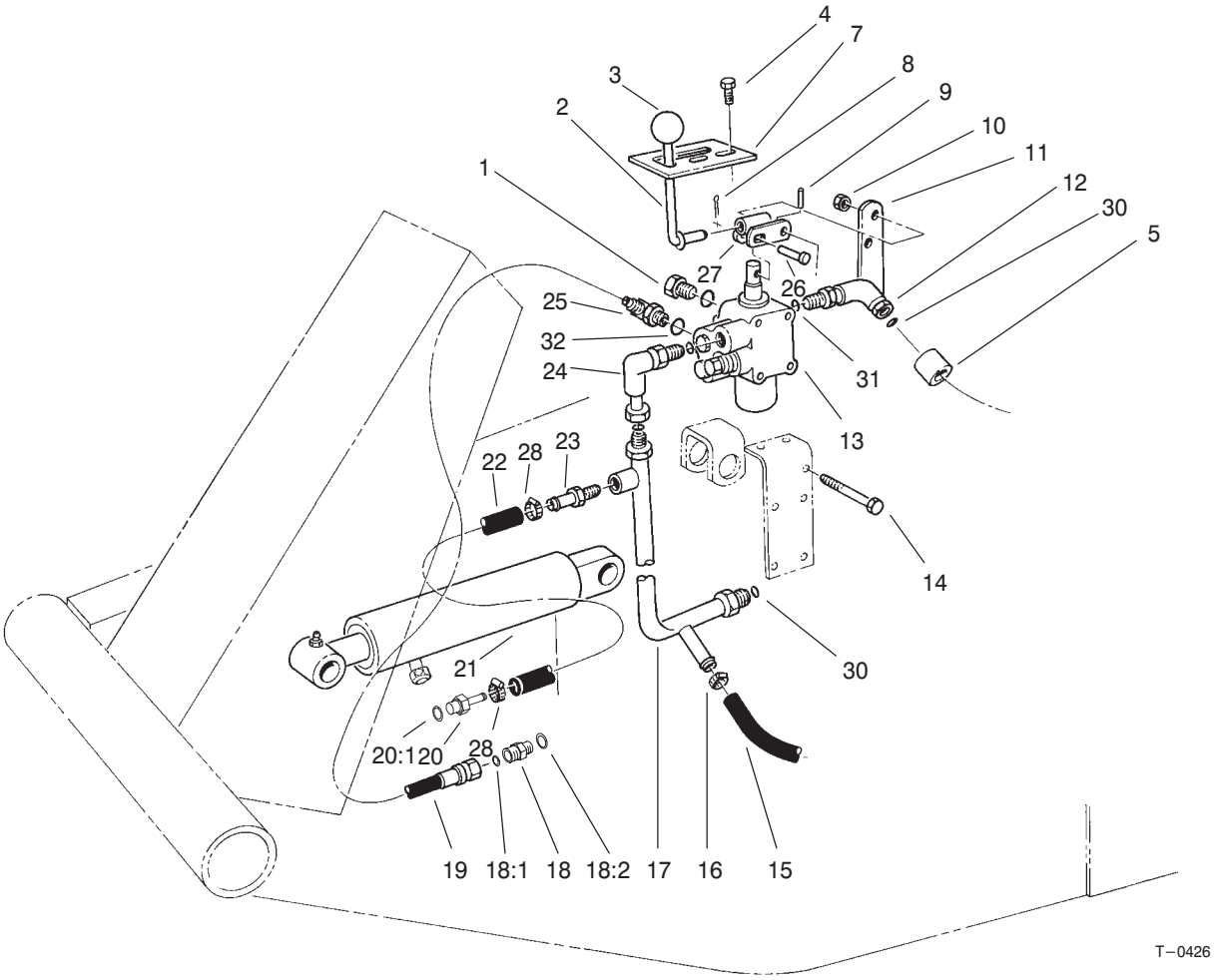
Ref. No.	Part No.	Qty.	Description
24	25–3210	2	Lip Seal
25	25–2510	2	Washer–Flat
26	25–2580	1	Trunnion Shaft
27	32151–46	2	Ring–Retaining
28	25–2460	2	Plug–Hex. Hd.
29	25–2470	2	Shim Pack
30	25–2570	1	Valve Spring
31	83–7260	2	Relief Valve Cone
32	353–551	1	Plug–Hex. Hd.
33	237–80	1	O–Ring
34	25–2550	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



Transmission Assembly No. 92–8947 (Continued)

Ref. No.	Part No.	Qty.	Description
47	32120–11	1	Ring–Retaining
48	25–2450	1	Variable Swashplate
49	32121–91	3	Pin–Coil ,Spring
50	25–2380	2	Thrust Plate
51	25–2440	1	Pump Valve Plate
52	25–2430	2	Dowel Pin
53	46–8400	2	Bearing–Needle
54	93–4132	2	O–Ring
55	92–8918	1	Center Section
57	25–2390	1	Motor Valve Plate
58	46–8410	1	Motor Shaft
59	25–2400	1	Gasket
60	93–0312	4	Washer–Hardened
61	92–8776	4	Plug
62	92–8777	2	O–Ring

Ref. No.	Part No.	Qty.	Description

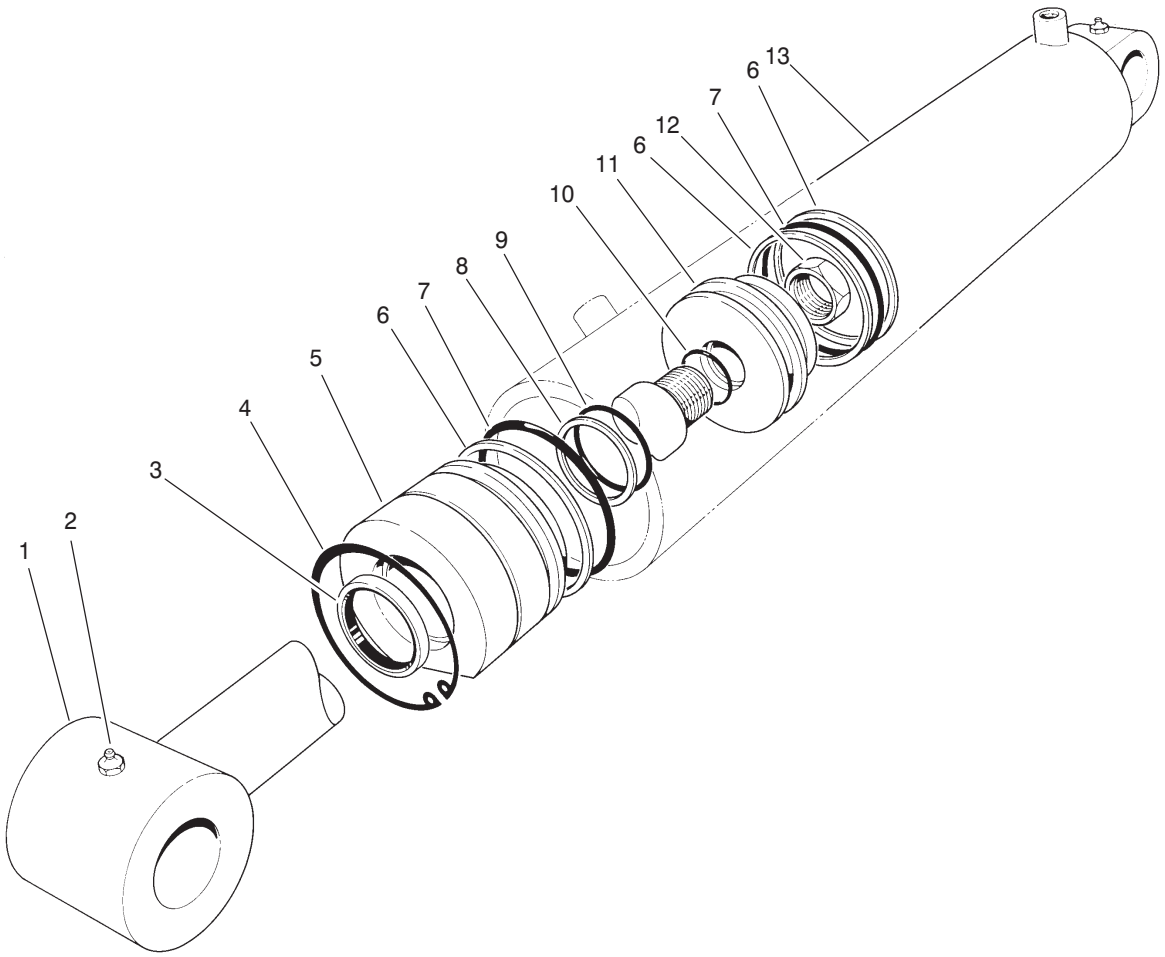


Valve & Cylinder Assembly

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–HFH
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



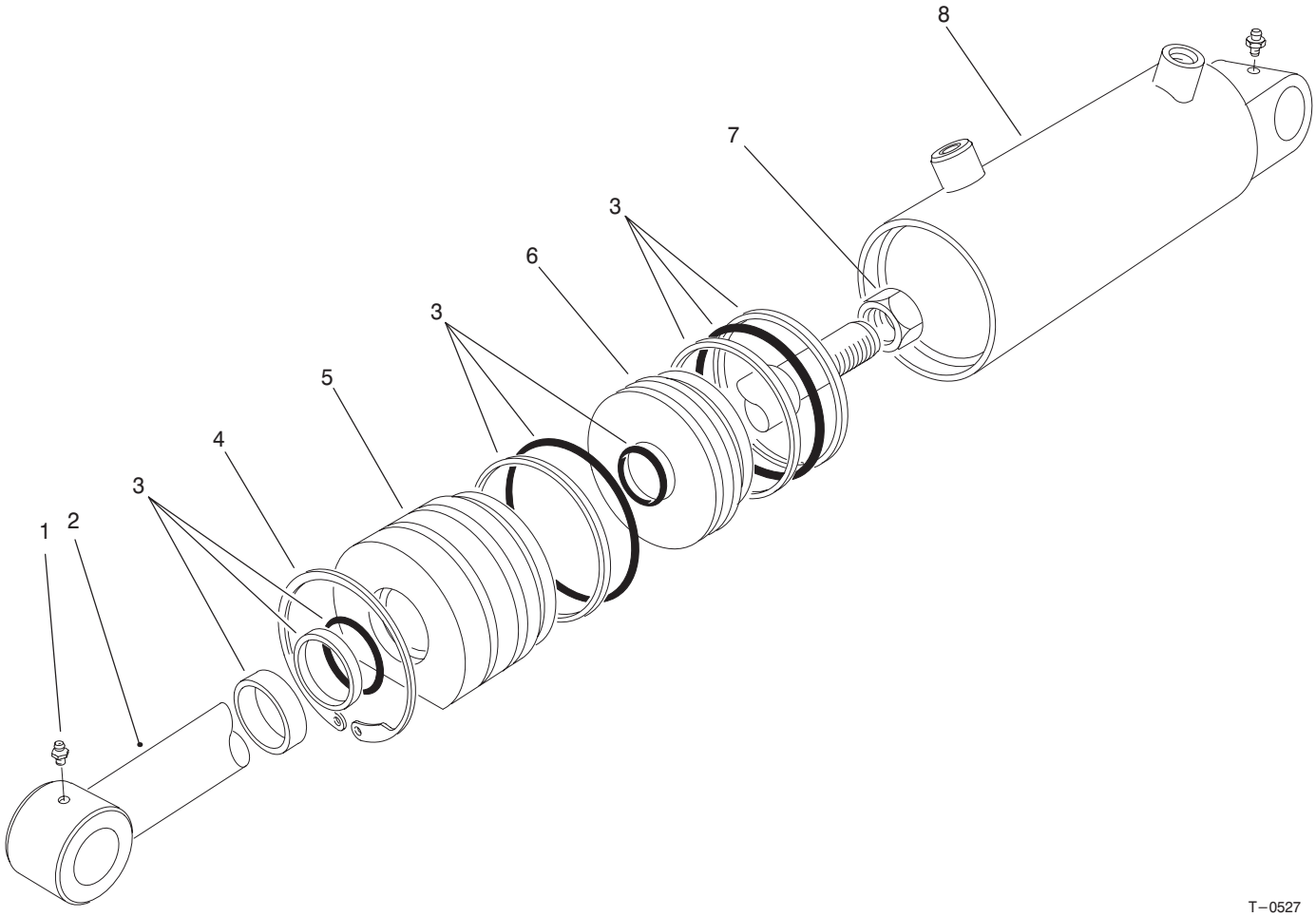
T–0859

Hydraulic Lift Cylinder Assembly No. 100–6586 (2–1/2” Bore)

Ref. No.	Part No.	Qty.	Description
1	61–4980	1	Shaft–w/Clevis
2	302–55	2	Fitting–Grease
3		1	Seal–Dust
4	61–4990	1	Ring–Retaining
5	60–9780	1	Head
6		3	Ring–Backup
7		2	O–Ring
8		1	Ring–Backup
9		1	O–Ring
10		1	O–Ring
11	60–9770	1	Piston
12	60–9760	1	Nut
†13		1	Barrel
*	61–4960	1	Kit–Seal Repair (Incl. Ref. #3, 6–10)

Ref. No.	Part No.	Qty.	Description

*Not Illustrated
†Not Available Separately



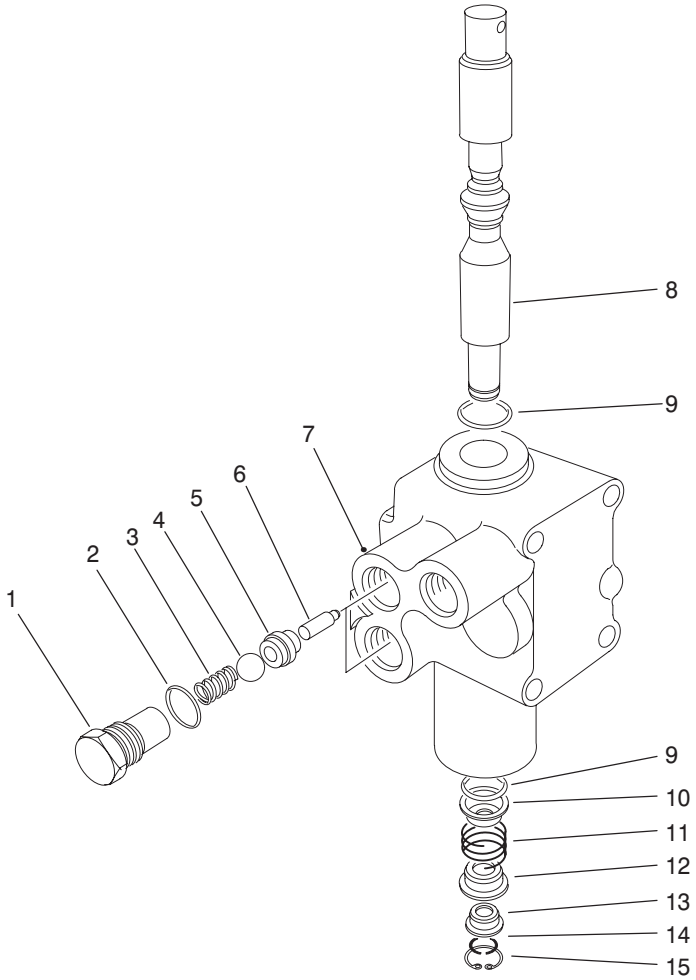
T–0527

Hydraulic Lift Cylinder Assembly No. 100–6591 (3” 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

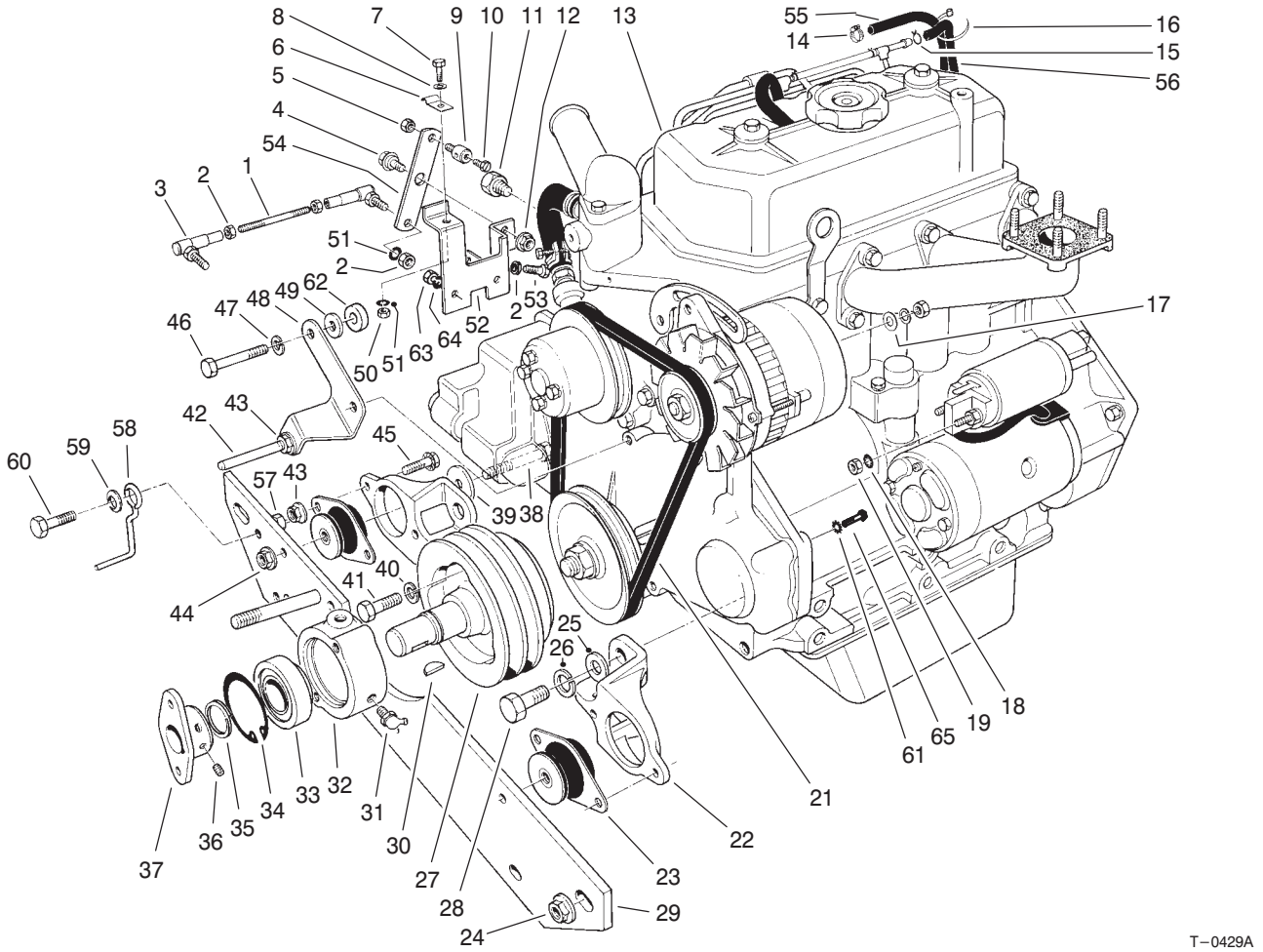


T–0428–2

Control Valve Assembly No. 43–1710

Ref. No.	Part No.	Qty.	Description
1	22–8330	2	Plug
2	237–42	2	O–Ring
3	22–8340	2	Spring
4	22–8350	2	Ball
5	22–8370	2	Seat–Check Valve
6	22–8360	2	Pin–Cam
7		1	Body
8	22–8420	1	Spool
9	22–8500	2	O–Ring
10	22–8380	1	Spring Retainer
11	22–8410	1	Spring
12	22–8390	1	Spring Retainer
13	22–8400	1	Spacer Float
14	22–8480	1	Spring Ring Spool
15	22–8490	1	Snap Ring

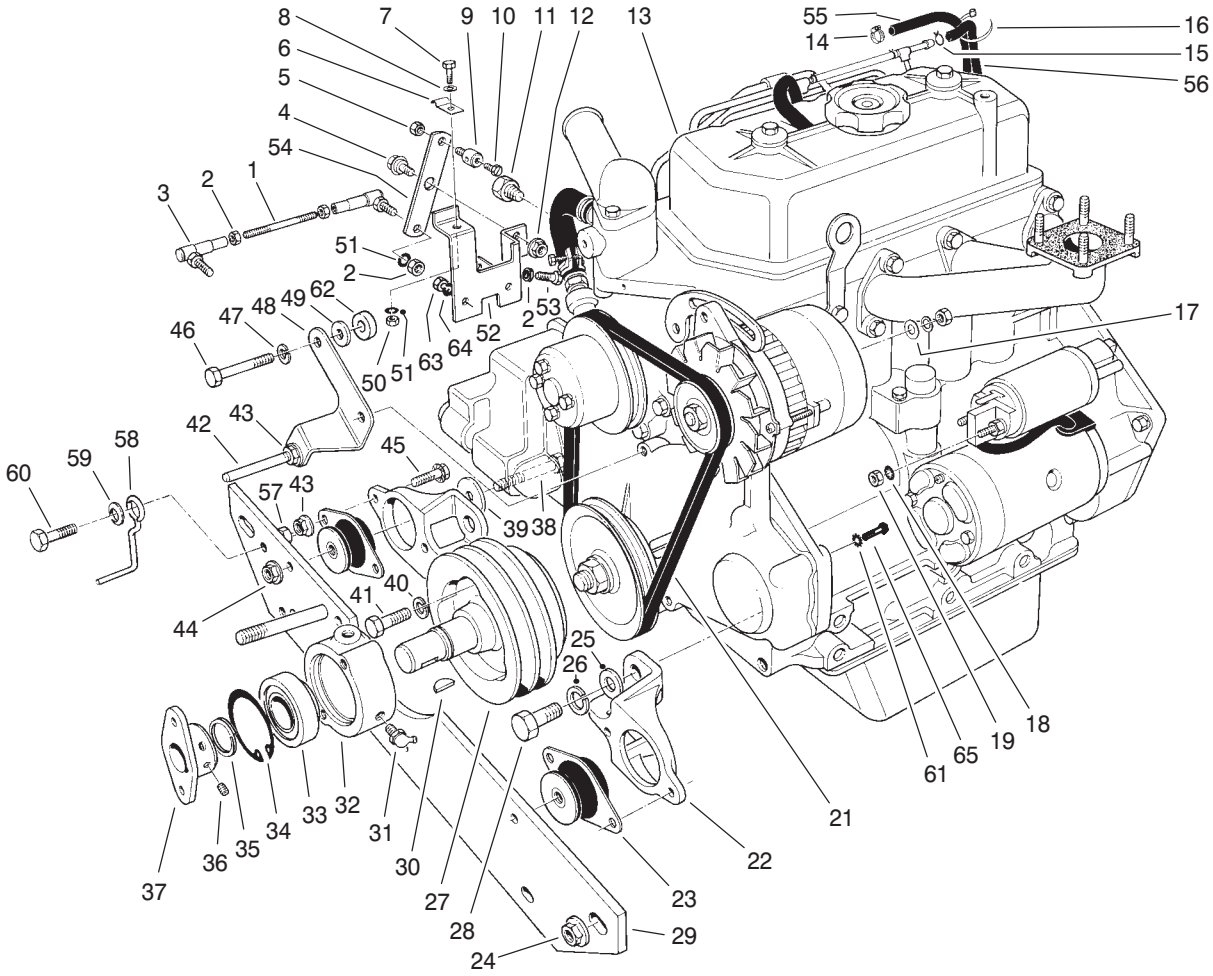
Ref. No.	Part No.	Qty.	Description



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



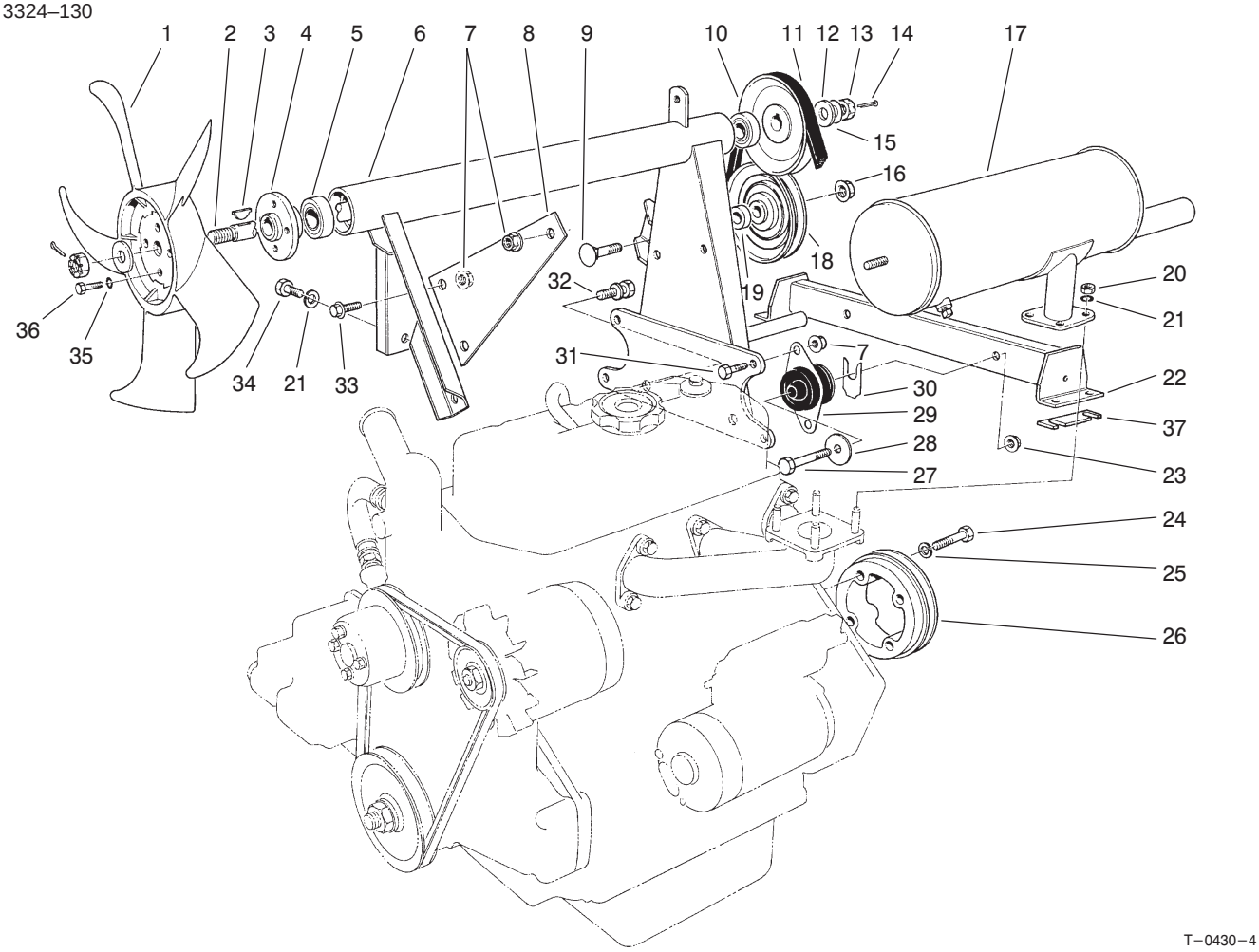
T–0429A

Engine Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
50	3217–5	1	Nut
51	3253–3	3	Washer–Lock
52	43–3730	1	Bracket Throttle Control
53	329–7	1	Screw–HH
54	43–3760	1	Lever–Throttle
55	47–7420	1	Hose
56	43–4230	1	Hose
57	32153–2	1	Nut–Lock
58	63–1400	1	Belt Guide
59	3290–224	1	Washer–Lock
60	3234–18	1	Screw–HH
61	3254–2	1	Washer–Lock
62	5–0652	2	Spacer
63	33113–020	2	Screw–HH
64	43–5930	2	Washer–Lock
65	66–3160	1	Screw

Ref. No.	Part No.	Qty.	Description

3324–130



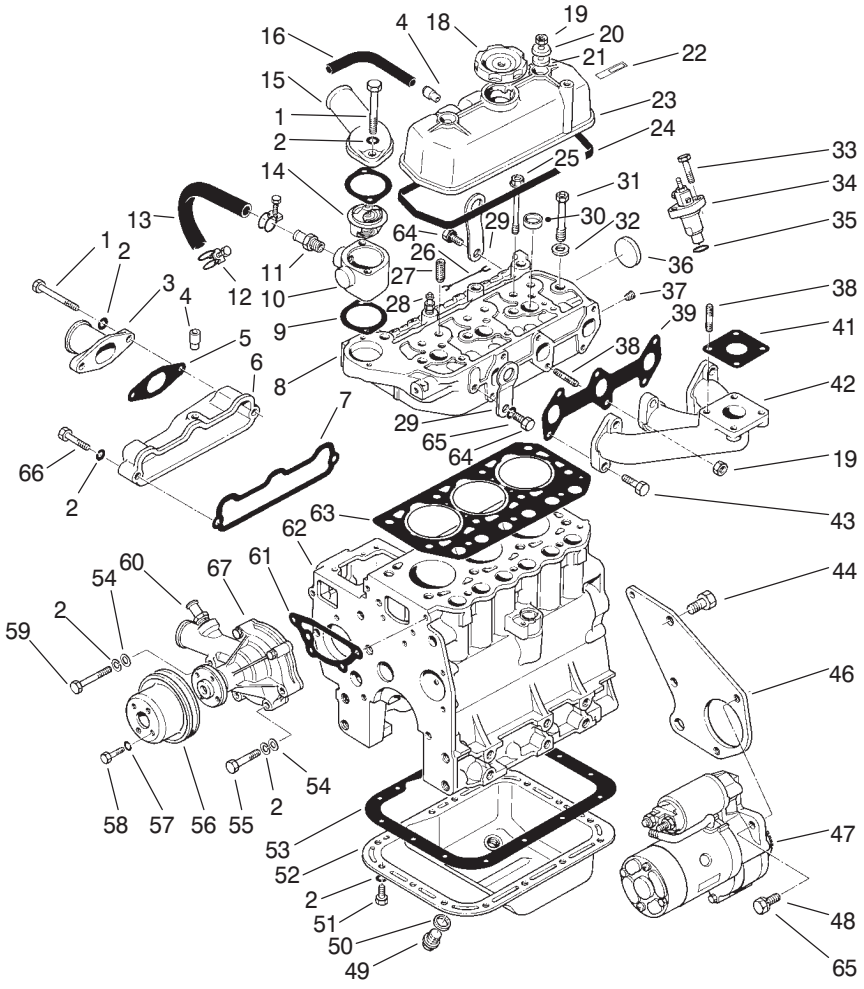
T–0430–4

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

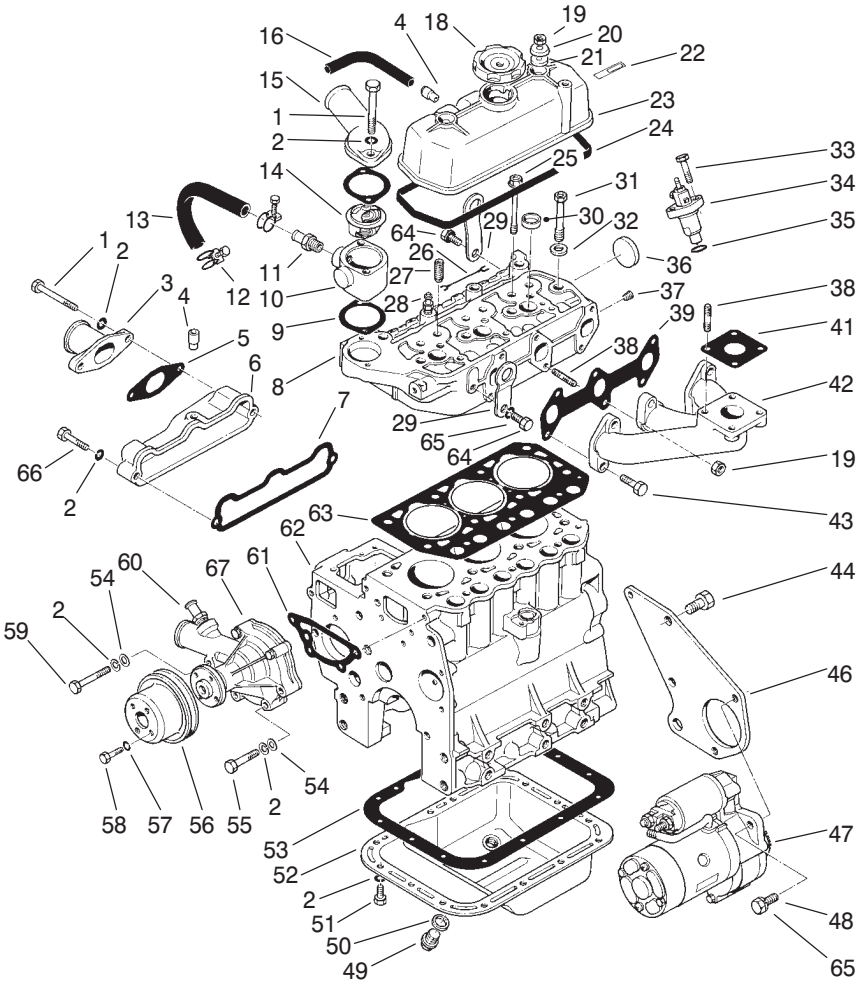
*Not Illustrated



Engine Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
1	42–9310	4	Screw–HH
2	42–9850	24	Washer–Lock
3	42–9150	1	Pipe Inlet
4	42–7510	2	Pipe
5	42–9160	1	Gasket–Inlet Pipe
6	42–9120	1	Asm–Intake Manifold
7	42–9140	1	Gasket–Intake Manifold
8	93–1369	1	Asm–Head, Cylinder
9	42–7550	2	Gasket
10	43–1790	1	Fitting–Thermostat
11	42–7740	1	Nipple–Hose
12	43–3140	2	Clamp–Hose
13	43–3130	1	Hose–Water (Incl. Ref. #12)
14	93–3524	1	Thermostat
15	42–7540	1	Fitting–Water Outlet
16	93–3685	1	Pipe–Air Breather
18	42–7420	1	Cap–Oil Filter
19	42–9580	3	Nut
20	42–9800	2	Washer
21	42–7490	2	Seal–Oil
22	42–7530	1	Label–Engine No.
23	42–7500	1	Asm–Cover, Rocker
24	42–7520	1	Gasket–Rocker Cover
25	93–3180	3	Bolt–Cylinder Head

Ref. No.	Part No.	Qty.	Description
26	42–9180	2	Wire–Glow Plug Lead
27	42–7460	6	Guide–Valve
28	42–7480	3	Glow Plug
29	42–7440	2	Hanger–Engine
30	42–7080	3	Cap–Sealing
31	42–9320	8	Bolt–Cylinder Head
32	42–9790	8	Washer–Head Bolt
33	42–9390	6	Bolt
34	44–8070	3	Asm–Nozzle & Holder
35	42–8120	3	Gasket–Nozzle Holder
36	42–7090	1	Cap–Sealing
37	67–2570	1	Plug–Taper 1/8
38	42–9570	5	Stud
39	42–9170	1	Gasket–Exhaust Manifold
41	42–9110	1	Gasket
42	43–1870	1	Manifold–Exhaust
43	42–9520	5	Screw–HH
44	42–9240	3	Screw–HH
46	43–1770	1	Plate–Rear
47	46–7610	1	Asm–Starter
48	43–0090	2	Screw–HH
49	42–9260	1	Plug–Oil Drain
50	42–7290	1	Gasket–Oil Drain Plug
51	42–9230	15	Screw–HH

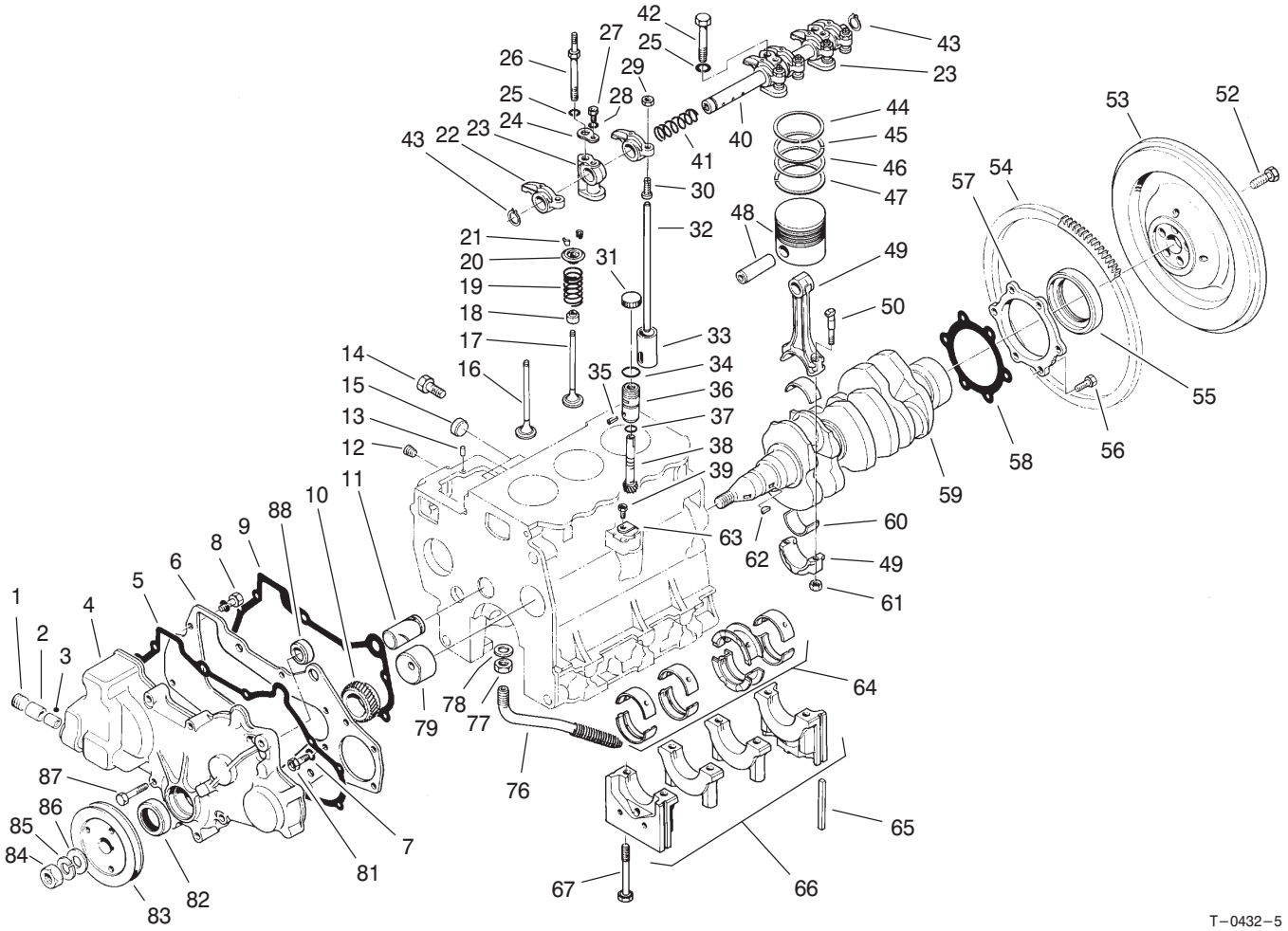


Engine Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
52	42–7280	1	Asm–Oil Pan (Inc. Ref. #49 & 50)
53	42–7300	1	Gasket–Oil Pan
54	42–9660	4	Washer–Plain
55	42–9500	3	Screw–HH
56	42–9070	1	Pulley–Water Pump
57	43–5930	4	Washer–Lock
58	42–9490	4	Screw–HH
59	42–9510	1	Screw–HH
60	42–9080	1	Asm–Water Pump
61	42–9090	1	Gasket–Water Pump
62	48–2020	1	Asm–Cylinder Block
63	42–7470	1	Gasket–Cylinder Head
64	42–9300	2	Screw–HH
65	48–9590	4	Washer–Lock
66	42–9530	1	Screw–HH
67	93–3656	1	Gasket–Pump, Water
*	42–9200	1	Complete Gasket Set

Ref. No.	Part No.	Qty.	Description

*Not Illustrated

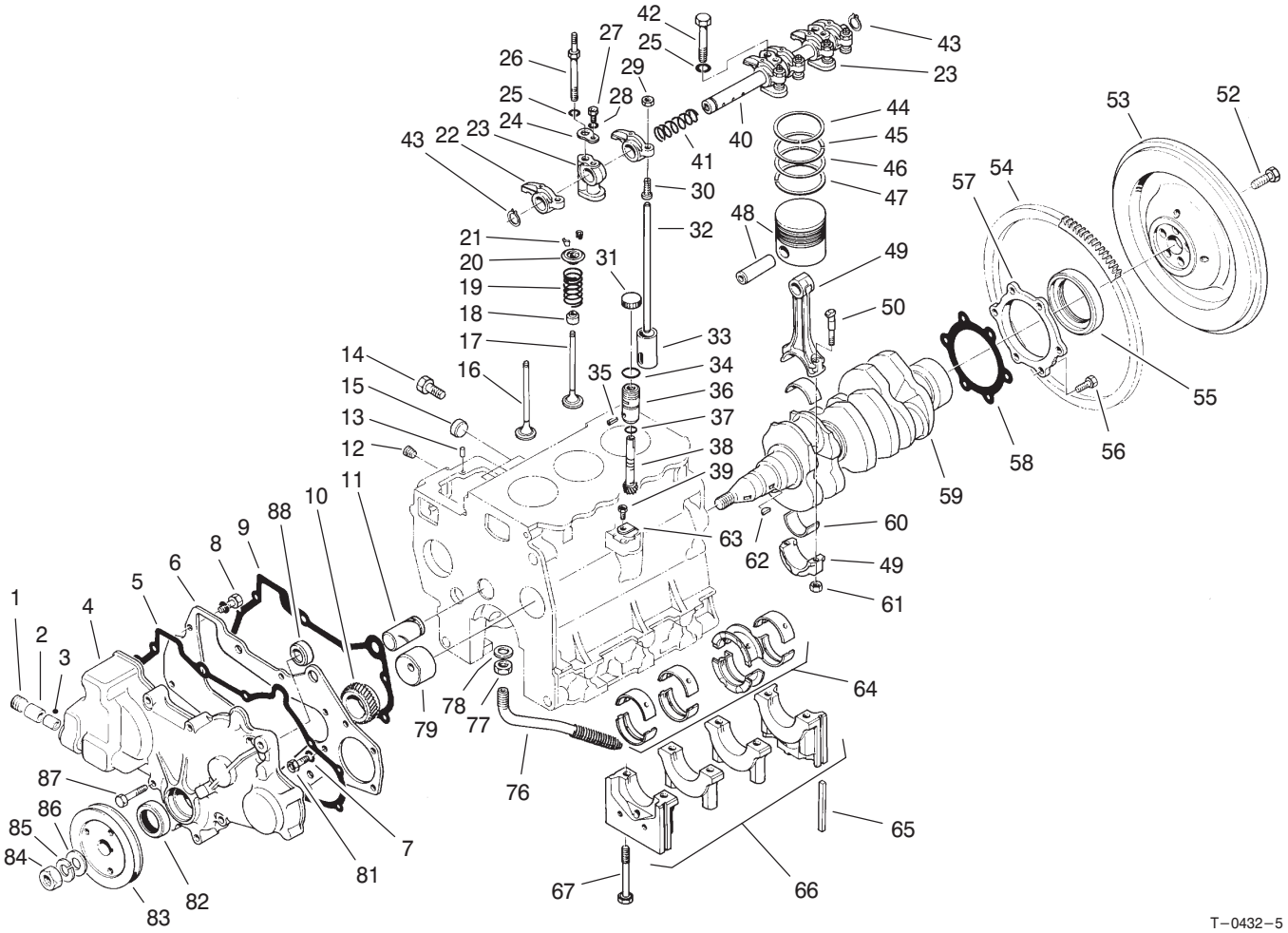


Engine Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
1	42–7400	1	Plug–Taper
2	42–7320	1	Bearing–Needle
3	42–7310	1	Bearing–Needle
4	93–3689	1	Case–Gear
5	42–7340	1	Gasket–Gear Case
6	62–3740	1	Plate–Front
7	42–9850	5	Washer–Lock
8	67–2340	2	Screw–HWH
9	42–7150	1	Gasket–Front Plate
10	42–7700	1	Gear–Crankshaft
11	42–7110	1	Shaft–Idler
12	67–2390	3	Plug–Taper
13	56–0220	2	Pin–Dowel
14	42–9250	4	Screw–HH
15	42–7080	2	Cap–Sealing
16	93–1351	3	Valve–Intake
17	93–1352	3	Valve–Exhaust
18	92–1961	6	Seal–Valve Stem
19	42–7880	6	Spring–Valve
20	42–7850	6	Retainer–Valve Spring
21	42–7860	12	Lock–Spring Retainer
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

Ref. No.	Part No.	Qty.	Description
27	42–9350	2	Screw–HH
28	43–5930	2	Washer–Lock
29	42–9620	6	Nut–Jam
30	42–7980	6	Screw–Adjusting
31	93–3688	1	Cap–Shipping
32	42–7920	6	Rod–Push
33	42–7890	6	Tappet
34	42–9010	1	O–Ring
35	42–8970	1	Pin–Spring
36	42–8980	1	Sleeve–Gear
37	42–8990	1	O–Ring
†38		1	Gear–Driven
39	42–9440	1	Screw–HH
40	42–7960	1	Asm–Shaft Rocker
41	42–7930	1	Spring–Rocker Shaft L.H.
42	42–9370	1	Screw–HH
43	42–7990	2	Ring–Snap
44	72–4200	3	Ring–Set–Piston Std.
45	72–4210	3	Ring Set–Piston 0.25 (.010 in.) 0.5.
46	72–4220	3	Ring Set–Piston 0.50 (.020 in.) 0.5.
47	72–4230	3	Ring Set–Piston 075 (.030 in.) 0.5.

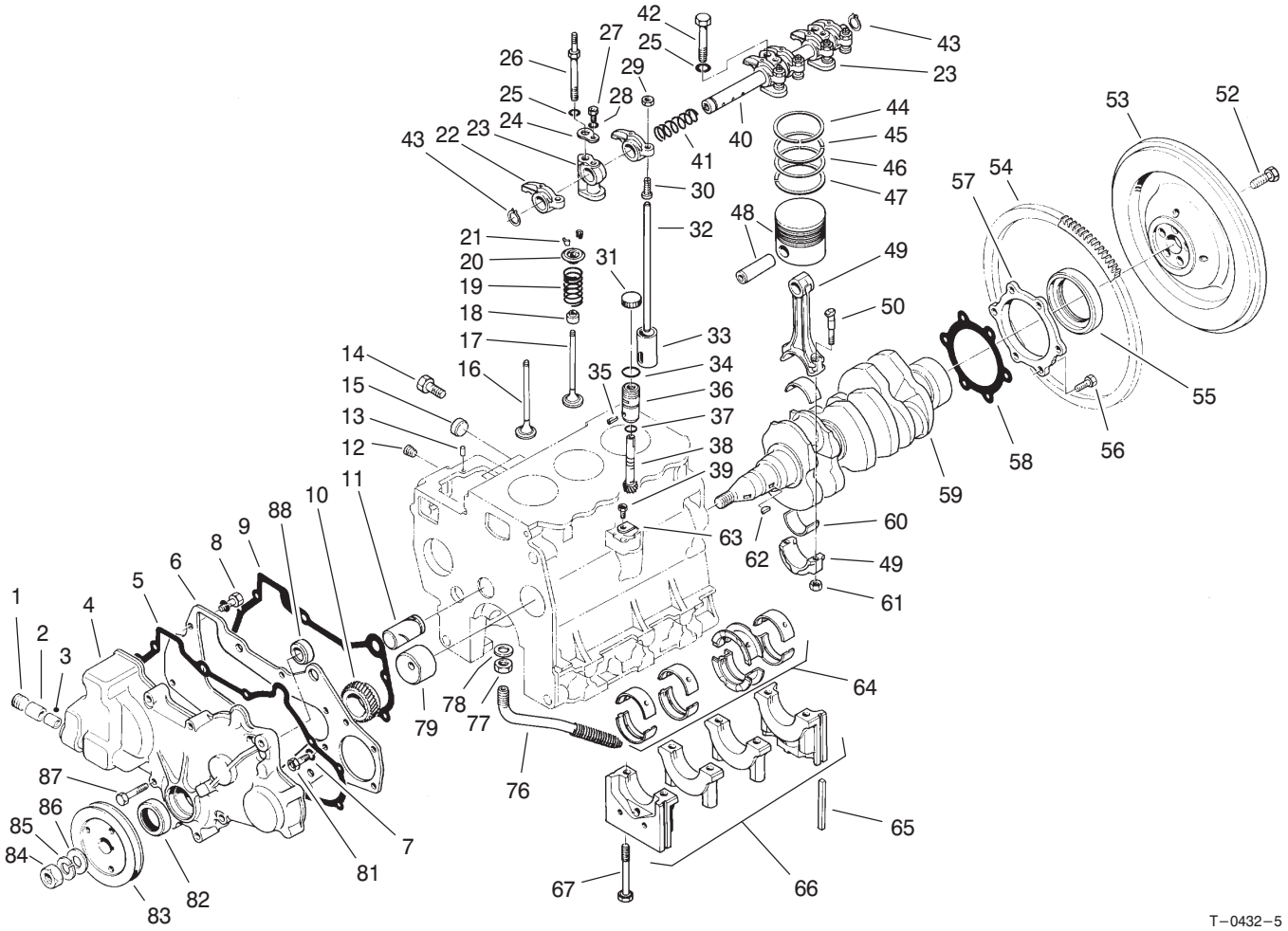
†Not Available Separately



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 0.50 (.020 in.) U.S.
*60	42–7690	3	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

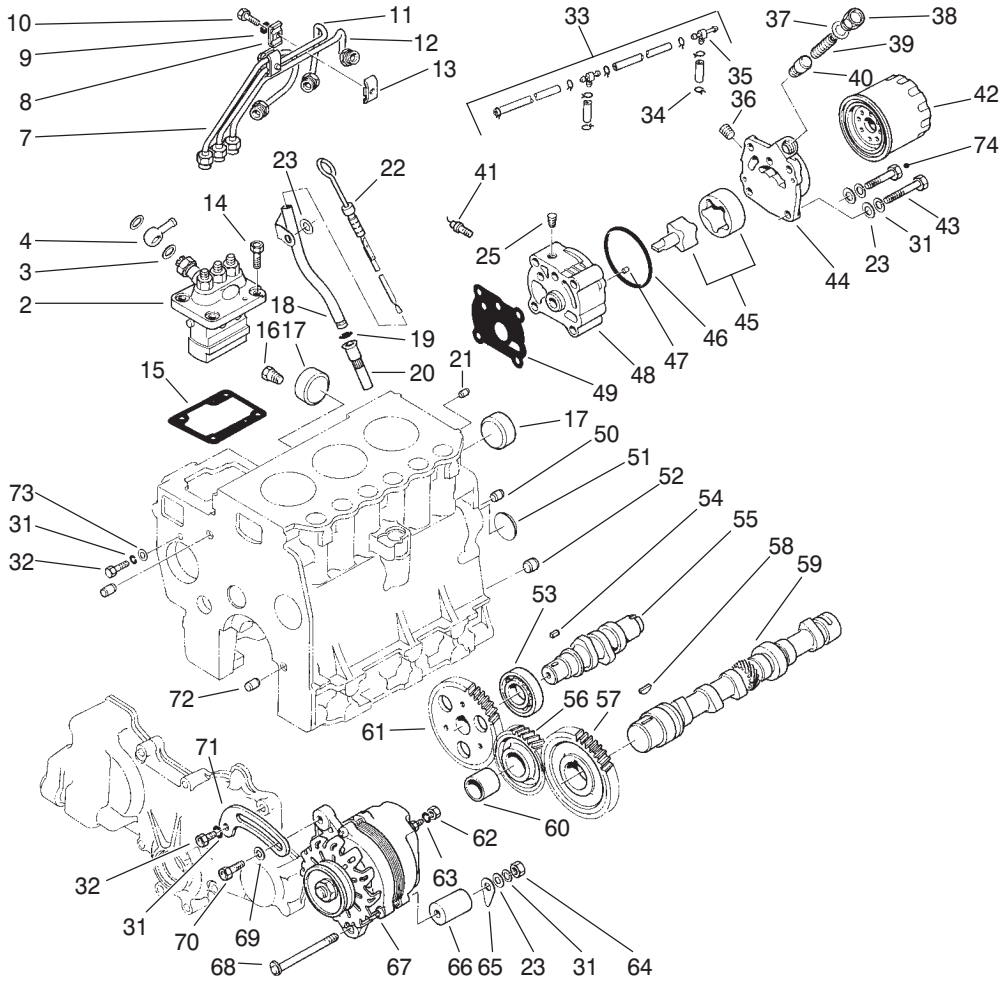


Engine Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
81	42–9230	3	Screw–HH
82	42–7390	1	Seal–Oil
83	42–7720	1	Pulley–Crankshaft
84	43–6470	1	Nut
85	42–9860		Washer–Spring
86	42–9810	1	Washer–Flat
87	42–9500	8	Screw–HH
88	82–2590	1	Plug–Thrust
*	42–8960	1	Driven Unit–Speedometer (Incl. Ref. #34–38)

Ref. No.	Part No.	Qty.	Description

*Not Illustrated



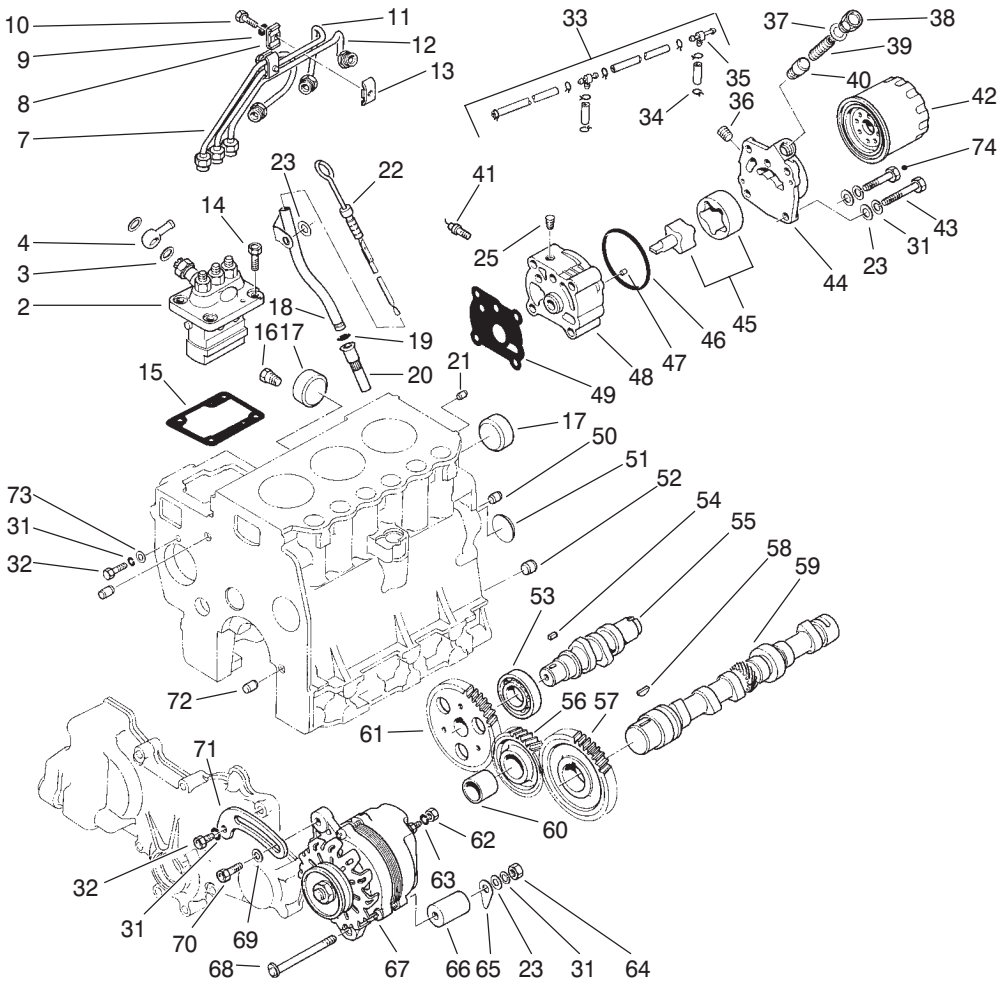
T–0433–3

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.



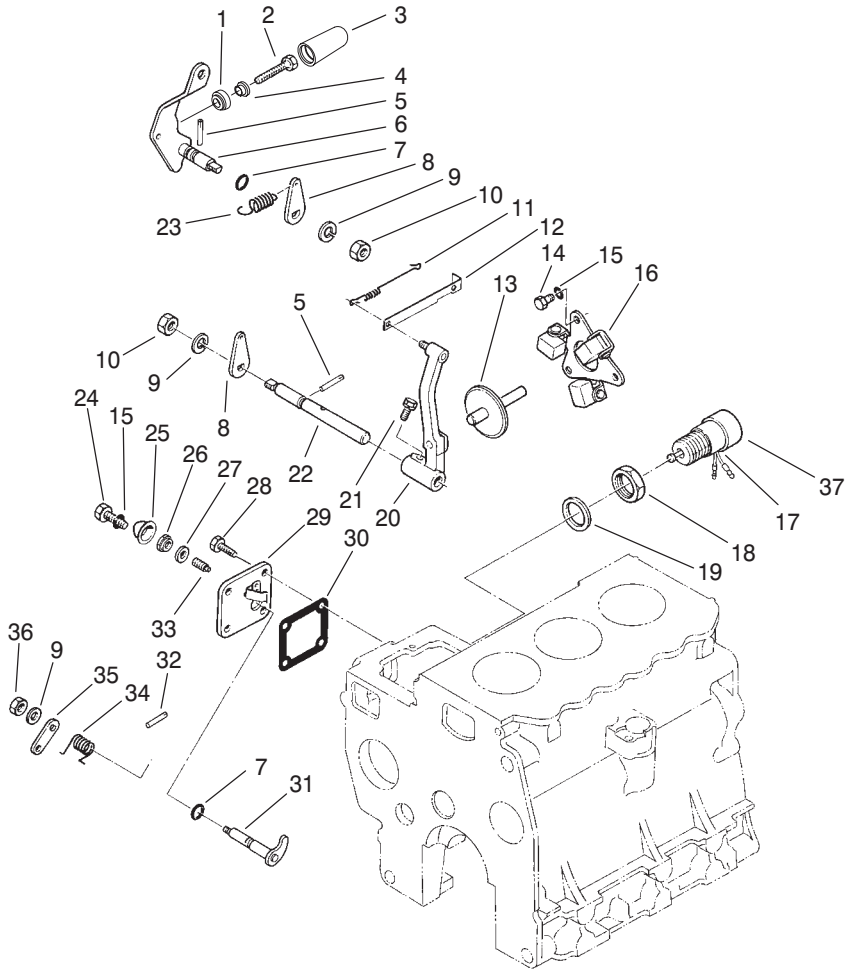
T–0433–3

Engine Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
47	93–3657	2	Pin–Dowel
48	42–8900	1	Body–Oil Pump
49	42–8950	1	Gasket–Oil Pump Body
50	42–7180	2	Bushing–Knock
51	42–7170	1	Plug–Expansion
52	42–7200	1	Bushing–Knock
53	93–3409	1	Bearing–Ball
54	42–7840	1	Key–Sunk
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

Ref. No.	Part No.	Qty.	Description
69	54–8660	1	Washer
70	67–4660	1	Screw–HFH
71	43–0400	1	Brace–Alternator
72	42–7190	2	Bushing–Knock
73	42–9820	1	Washer
74	56–2120	1	Screw–HH
*	42–8850	1	Asm–Oil Pump (Incl. Ref. 36–40 & 44–48)
*	95–3092	1	Kit–400 Hour Filter (Incl. Ref. #42)

*Not Illustrated



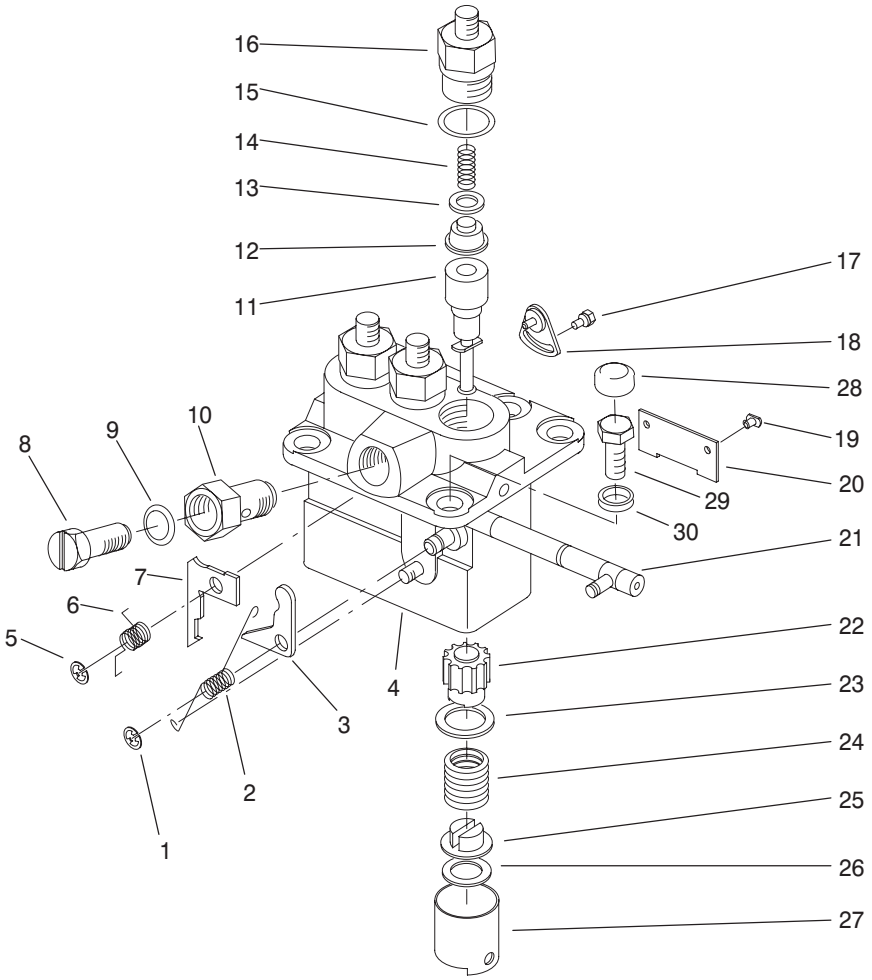
T–2434–4

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.



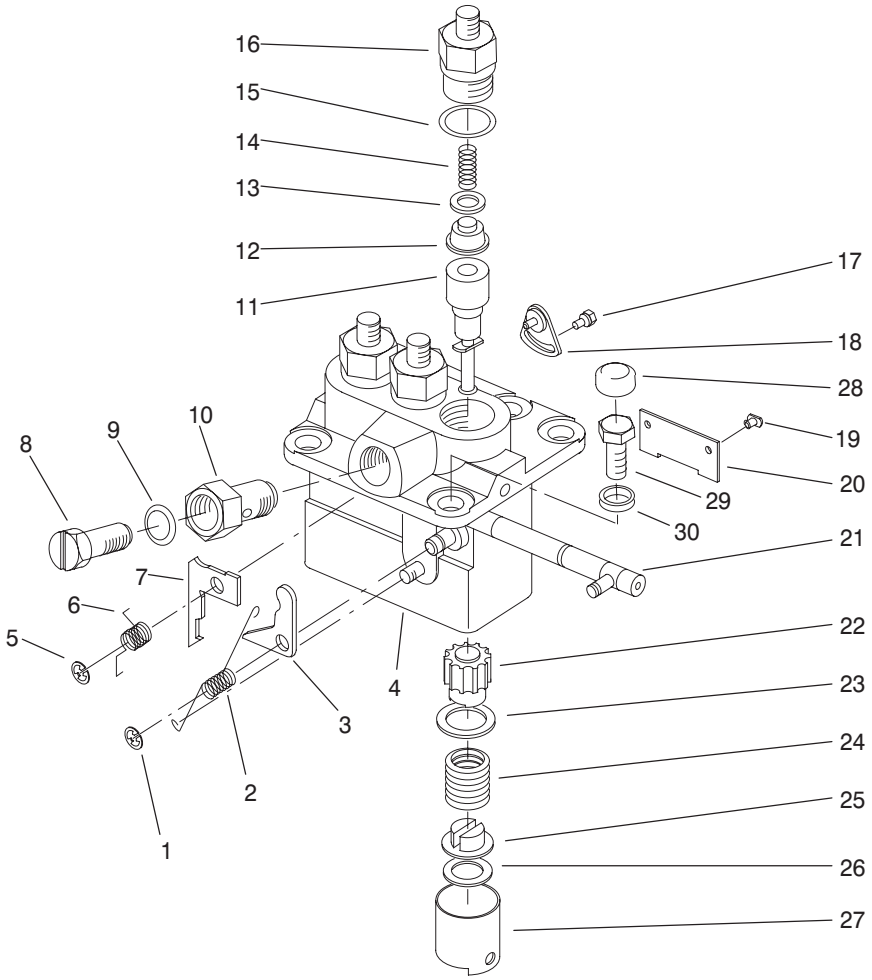
T–2435–2

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
		A/R	16.9 (.665 in) Mark 7
*	95–1568	A/R	Plate–Ungleich Set
		A/R	16.8 (.661 in) Mark 8
*	95–1569	A/R	Plate–Ungleich Set
		A/R	16.7 (.657 in) Mark 9
*	95–1570	A/R	Plate–Ungleich Set
		A/R	16.6 (.654 in) Mark 10
*	95–1571	A/R	Plate–Ungleich Set
		A/R	16.85 (.663 in) Mark 11
*	95–1572	A/R	Plate–Ungleich Set
		A/R	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
			2.6 (.102 in.) Mark 63
*	95–1573	A/R	Plate–Smoke Set
			1.2 (.047 in.) Mark 49
*	95–1574	A/R	Plate–Smoke Set
			1.3 (.051 in.) Mark 50
*	95–1576	A/R	Plate–Smoke Set
			1.4 (.055 in.) Mark 51
*	56–0900	A/R	Plate–Smoke Set
			1.5 (.059 in.) Mark 52
*	56–0990	A/R	Plate–Smoke Set
			1.6 (.063 in.) Mark 53
*	56–0910	A/R	Plate–Smoke Set
			1.7 (.067 in.) Mark 54
*	56–1000	A/R	Plate–Smoke Set
			1.8 (.071 in.) Mark 55
*	56–0920	A/R	Plate–Smoke Set
			1.9 (.075 in.) Mark 56
*	56–1010	A/R	Plate–Smoke Set
			2.0 (.079 in.) Mark 57
*	56–0930	A/R	Plate–Smoke Set
			2.1 (.083 in.) Mark 58
*	43–3000	A/R	Plate–Smoke Set
			2.2 (.087 in.) Mark 59
8	42–8370	1	Screw–Air Breather

*Not Illustrated

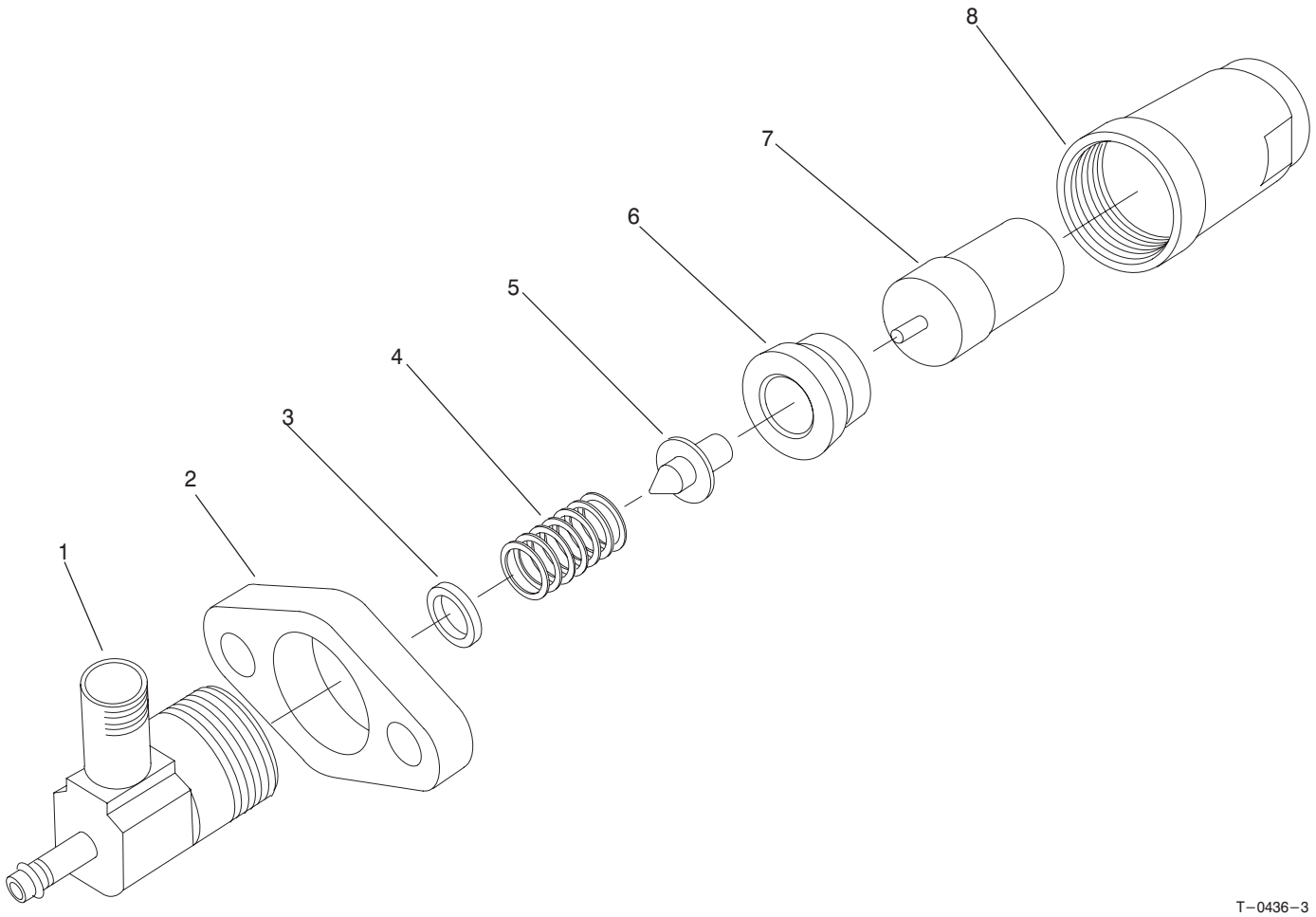


T–2435–2

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.)
*	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.



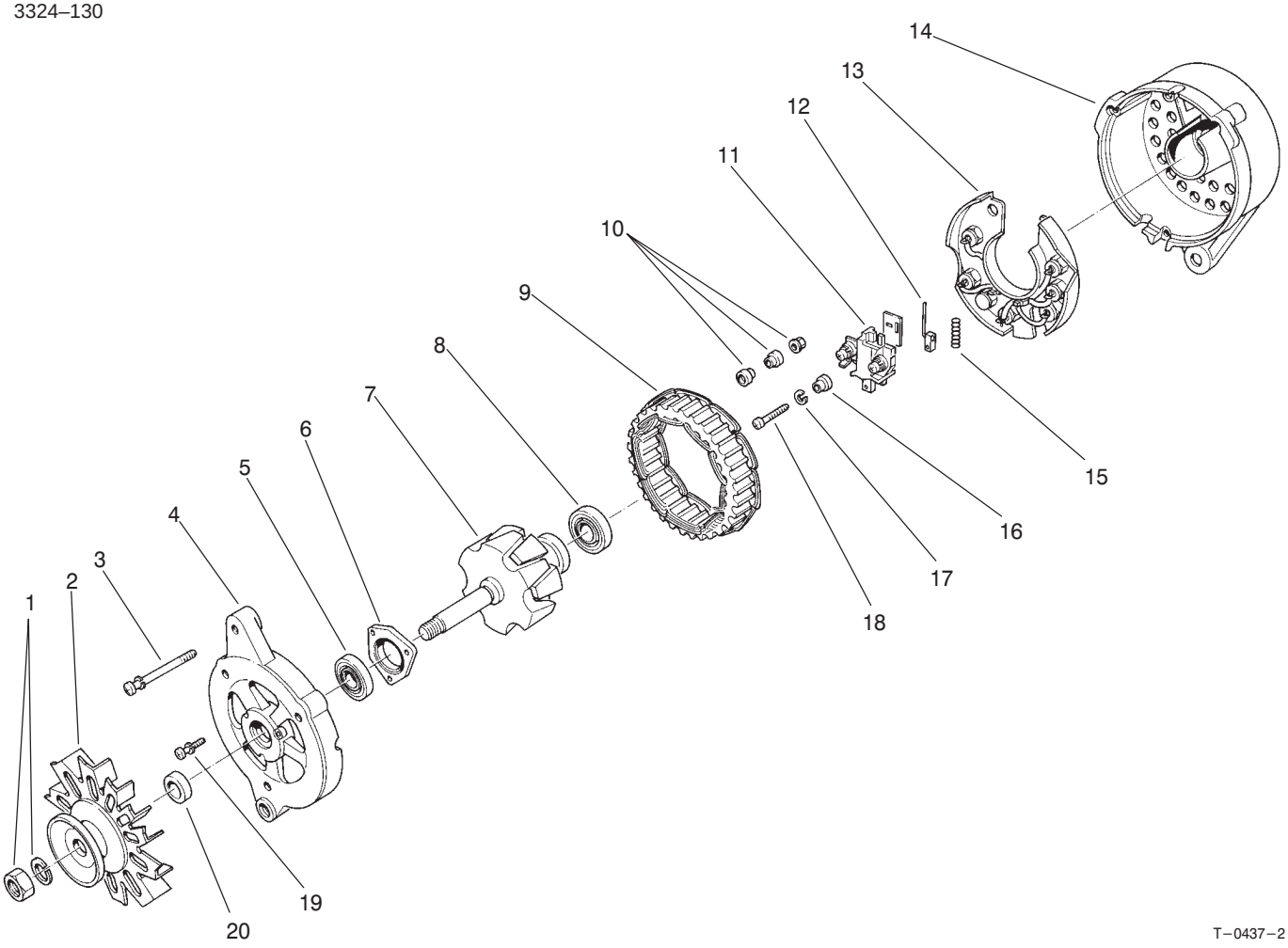
T–0436–3

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

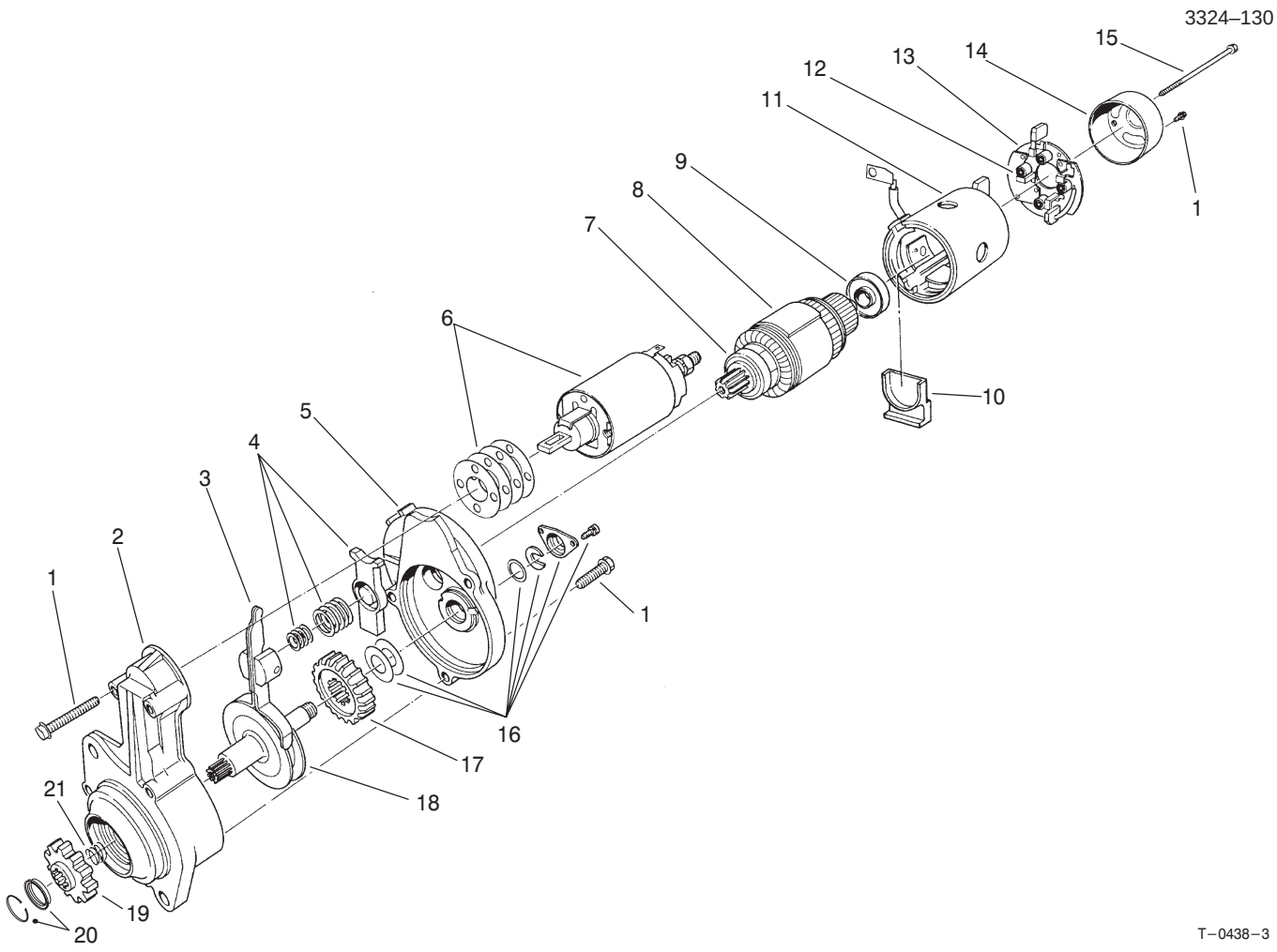


T–0437–2

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		1	Plate–Bearing Retainer
7	51–7910	1	Asm–Rotor (Inc. 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



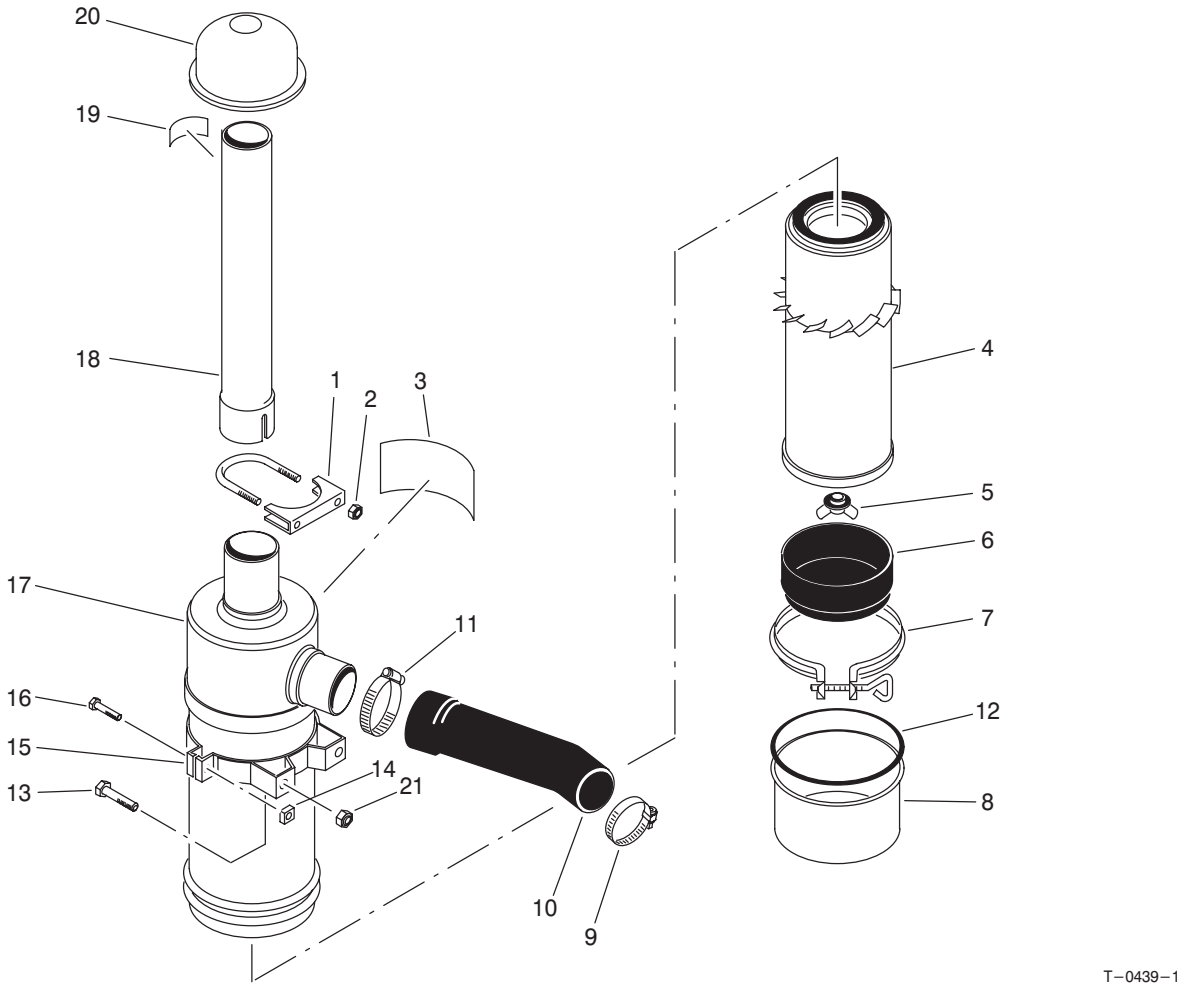
Starter Assembly No. 46–7610

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

3324–130



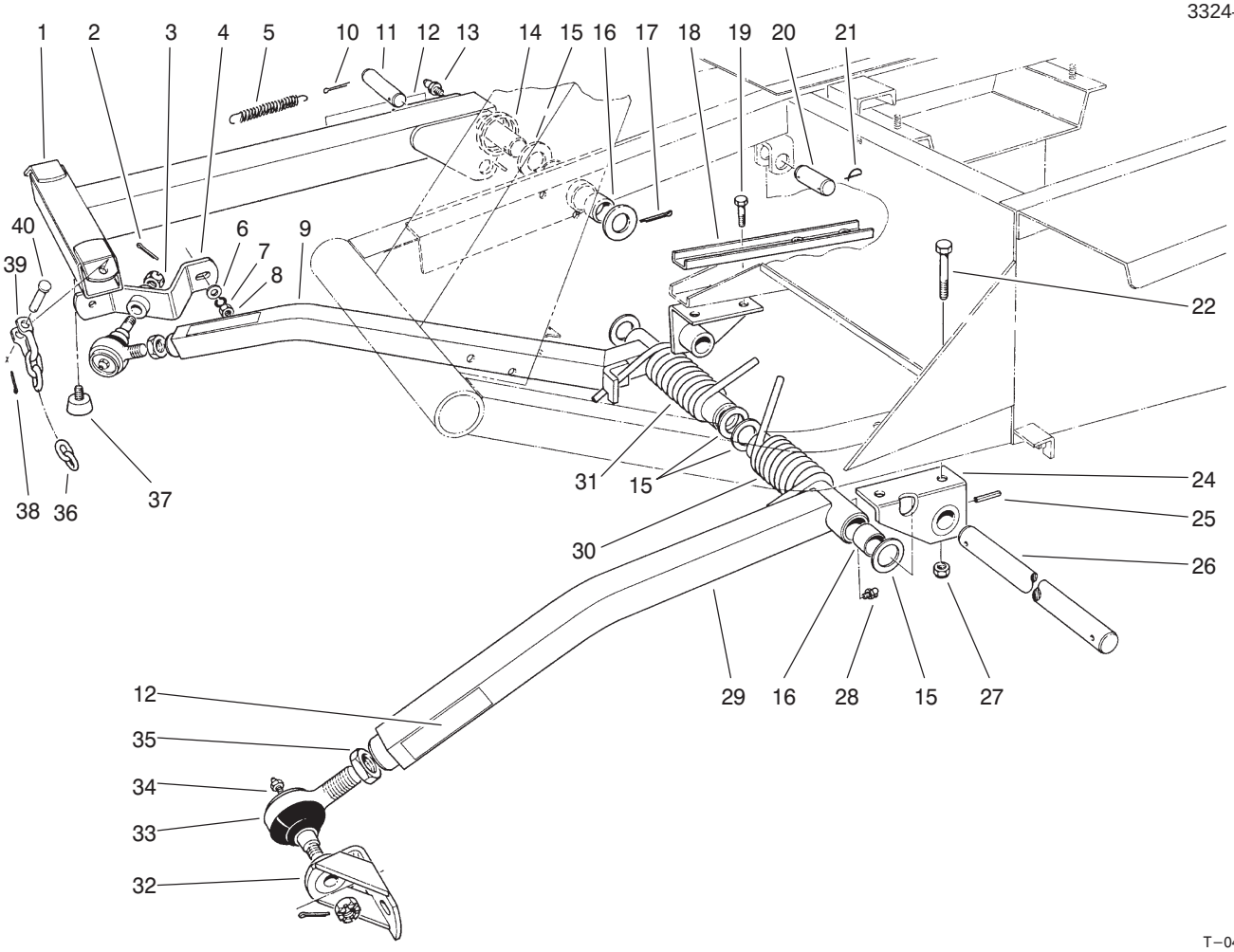
T–0439–1

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

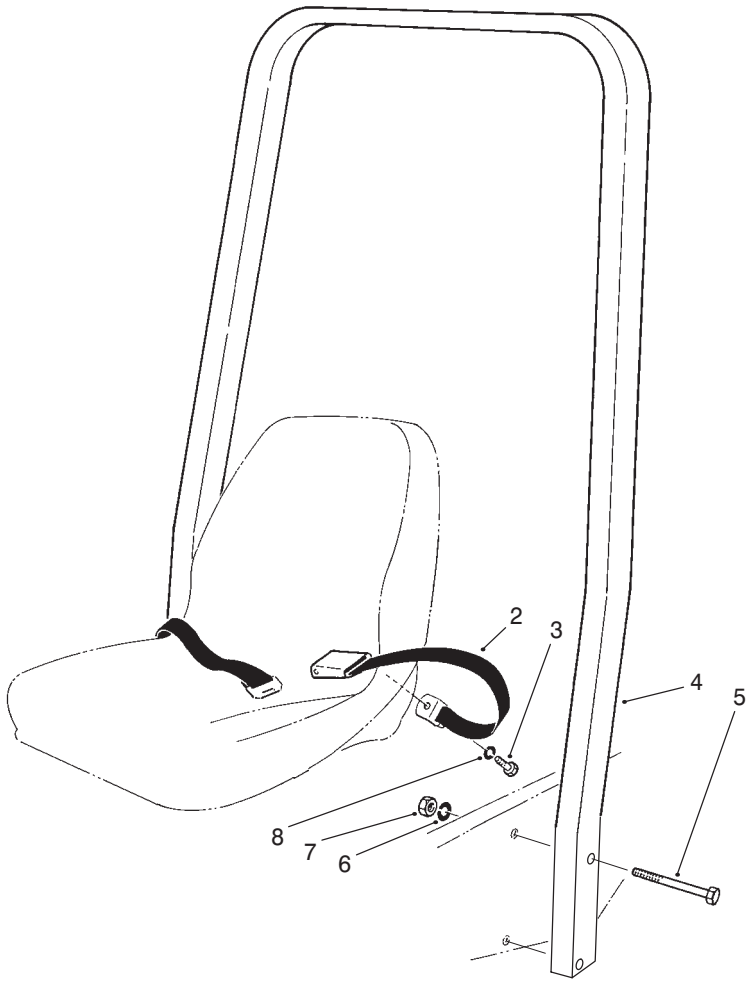


T–0440–5

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



T–0927–3

Roll Over Protection Assembly

Ref. No.	Part No.	Qty.	Description
†2	72–9390	1	Asm–Seat Belt
3	3212–4	2	Screw–HH
*4	2–15023	1	Asm–Roll Bar
5	328–12	4	Screw–HH
6	3253–9	4	Washer–Lock
7	3217–12	4	Nut–Hex.
8	3253–6	2	Washer–Lock

Ref. No.	Part No.	Qty.	Description

*Obtain from Custom Products, Litchfield, MN 55355
†Do not use without installing Roll Over Protection Unit.

Maintenance Record

Date								

Maintenance Record

Date								

Maintenance Record

Date								


TORO®