Form No. 3323–251

Workman® 3210

Heavy Industrial 2WD

Model No. 07220—90104 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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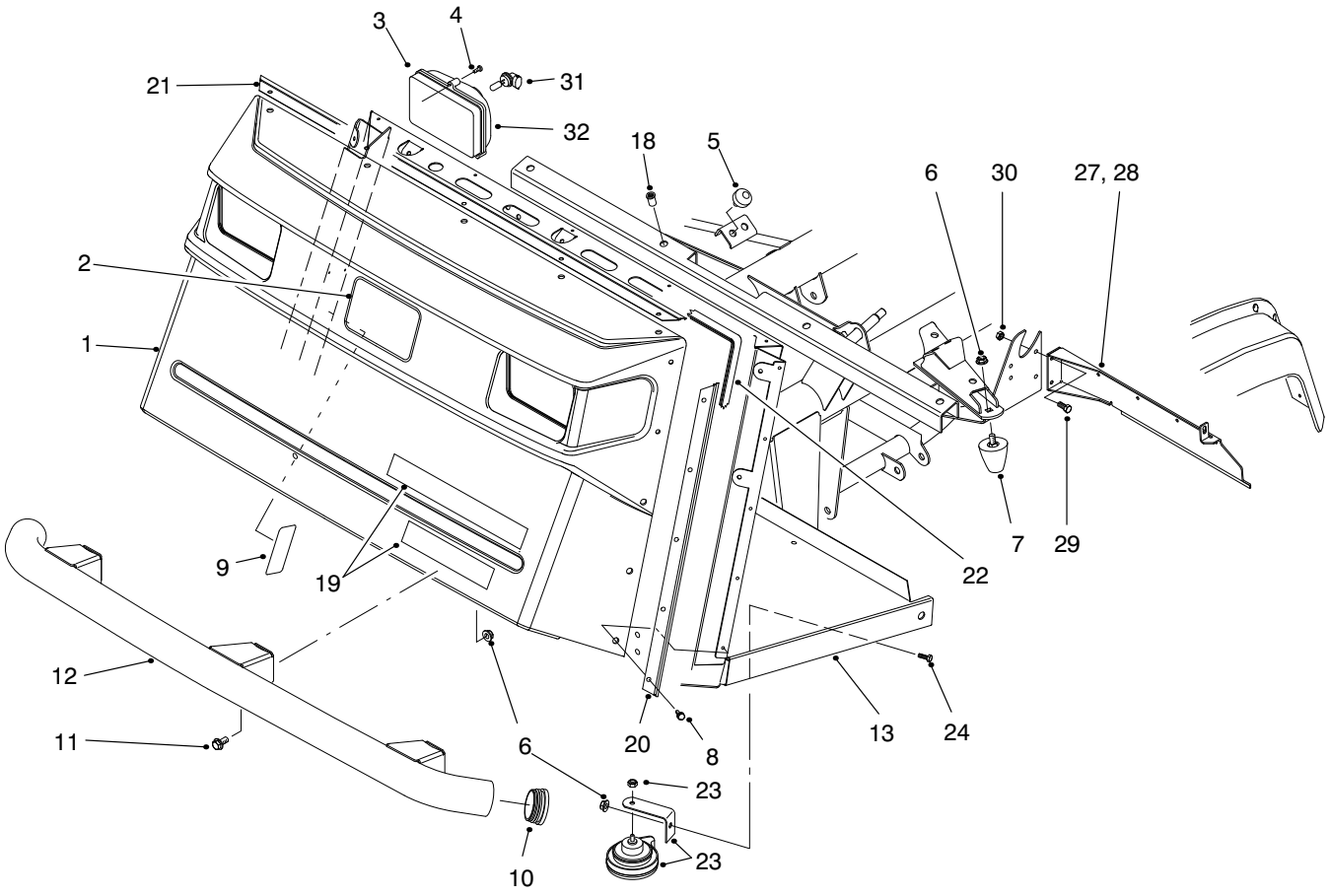
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Part Description Abbreviations

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



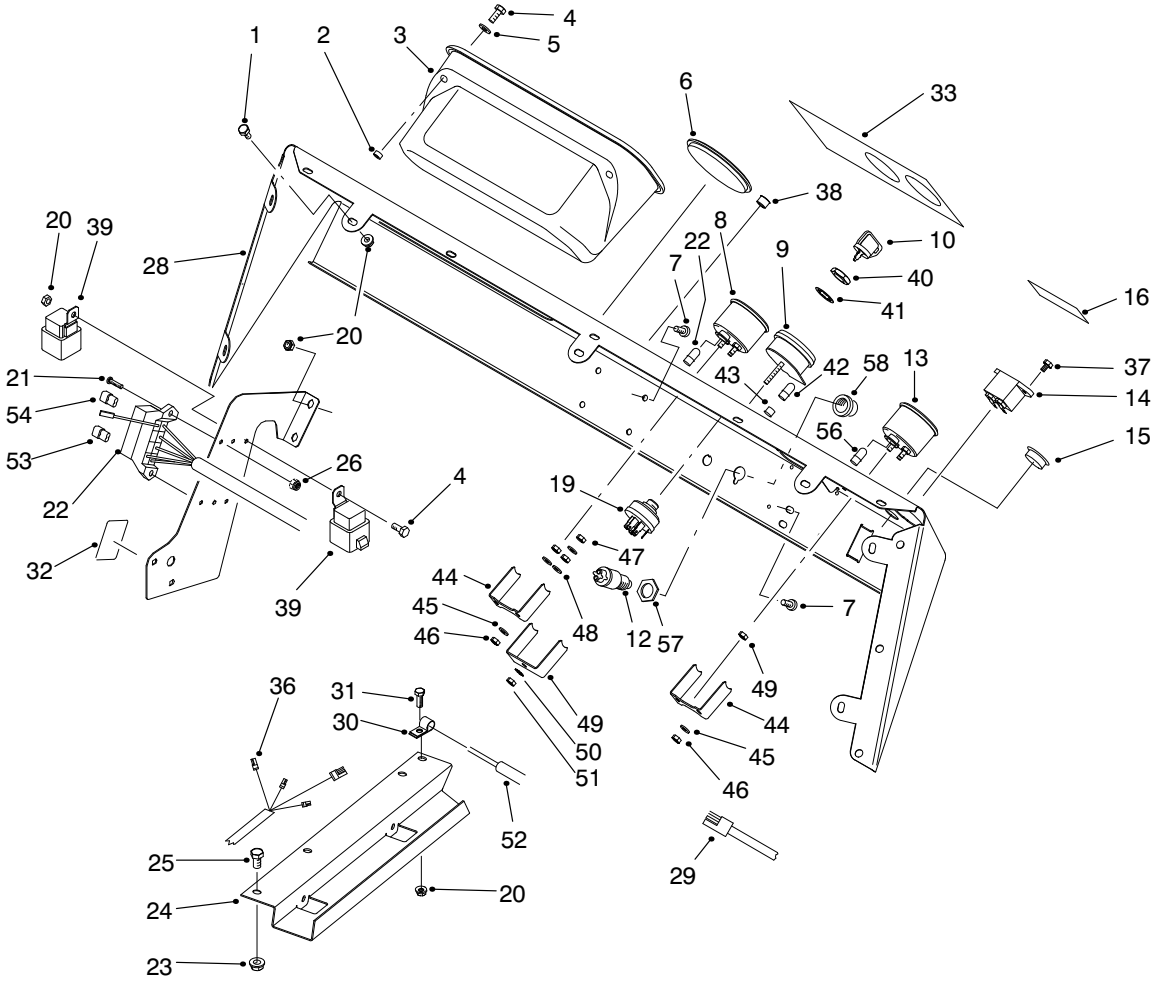
T–2995

Front Bumper and Hood Assembly

Ref. No.	Part No.	Qty.	Description
1	98–2979	1	Hood
2	62–5550	1	Decal–TORO
3	87–2120	2	Headlight ASM (Incl. Ref. #31–32)
4	32104–88	6	Screw
5	87–2440	2	Bumper
6	3290–357	9	Nut–Flange Lock
7	26–0071	2	Bumper
8	87–6620	15	Screw
9	87–7000	1	Decal–Rating, Load
10	2410–42	2	Cap–Bumper, Front
11	3234–1	6	Screw–HFH
12	87–4070	1	Bumper–Front
13	94–5240	1	Operators Platform ASM (Incl. Ref. #18, #42 Page 8, #40–42 Page 12, #36 Page 25 & #1 Page 27)
18	32148–7	8	Nut–Clinch
19	99–1124	1	Decal–Workman 3210
20	87–8120	2	Bracket–Trim, Side
21	87–8130	1	Bracket–Trim, Top
22	87–8160	1	Trim
23	116749	1	Horn ASM
24	323–4	1	Screw–HH
27	94–3838	1	Bracket–Mudflap, LH

Ref. No.	Part No.	Qty.	Description
*28	94–3839	1	Bracket–Mudflap, RH
29	321–4	4	Screw–HH
30	32128–33	4	Nut–Lock
31	87–6320	2	Bulb–Headlight
32	87–6330	2	Lens–Headlight

* Not Illustrated

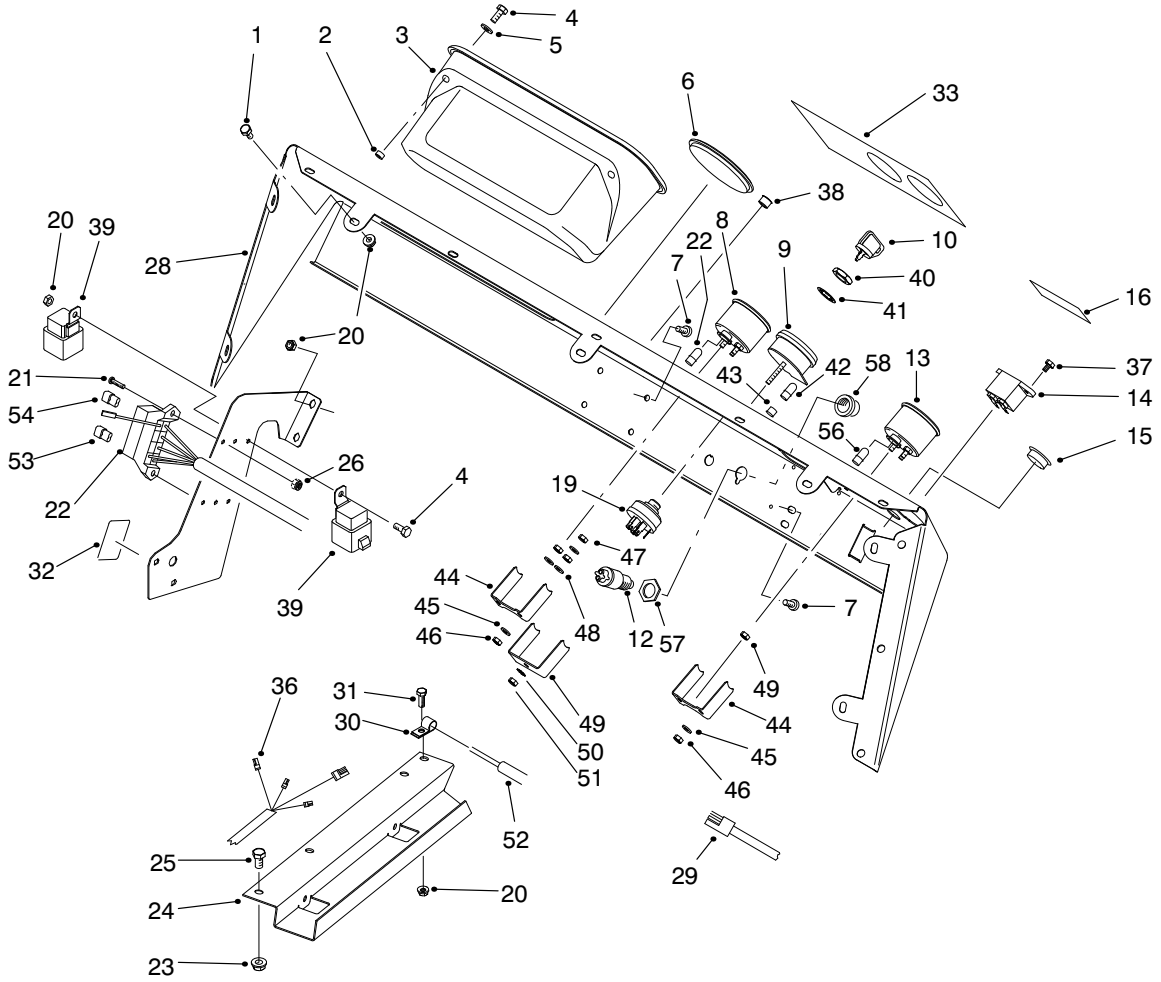


T–3163

Control Panel Assembly

Ref. No.	Part No.	Qty.	Description
1	321–2	7	Screw–HH
2	32148–6	2	Insert–Threaded
3	87–3780	1	Box–Glove
4	321–3	3	Screw–HH
5	3256–22	2	Washer–Flat
6	2410–35	1	Plug
7	3274–31	4	Screw–Button Head
8	99–1211	1	Temp. Gauge ASM (Incl. Ref. #44–48)
9	93–7053	1	Warning Light ASM (Incl. Ref. #42–43 & 49–51)
10	63–8360	1	Key–Ignition
12	18–2830	1	Horn Switch ASM (Incl. Ref. #12 & 57)
13	87–5580	1	Fuel Gauge ASM (Incl. Ref. #44–48)
14	75–6820	1	Hourmeter
15	99–1087	1	Plug–Hole, Dash
16	94–5272	1	Decal–Warning
19	27–2360	1	Ignition Switch ASM (Incl. Ref. #40–41)
20	32128–33	12	Nut–Flange
21	3250–13	2	Screw
22	99–1107	1	Front Wire Harness ASM (Incl. Ref. #56)

Ref. No.	Part No.	Qty.	Description
23	32128–20	3	Nut–Flange
24	93–7094	1	Cover–Wire Harness
25	322–2	3	Screw–HH
26	3296–2	2	Nut–Lock
28		1	Control Panel ASM (Incl. Ref. #16 & 33)
29	99–1083	1	Wire Harness–Front, LH
30	2412–89	1	Clamp–R
31	321–4	1	Screw–HH
32	87–6670	1	Decal–Fuse
33	87–8520	1	Decal–Dash
36	99–1106	1	Harness–Wire, Rear
37	32144–18	2	Screw–HH
38	2410–64	1	Plug–Hole
39	70–1480	2	Relay–Sealed
40	218–446	1	Nut–Hex
41	218–447	1	Washer–Lock
42	219–17	4	Bulb–Light, Warning
43	87–6270	4	Socket & Bulb ASM (Incl. Ref. #42)
44		2	Clamp–Gauge
45	3253–15	4	Washer–Lock
46	3217–25	4	Nut–Hex
47	3217–29	6	Nut–Jam

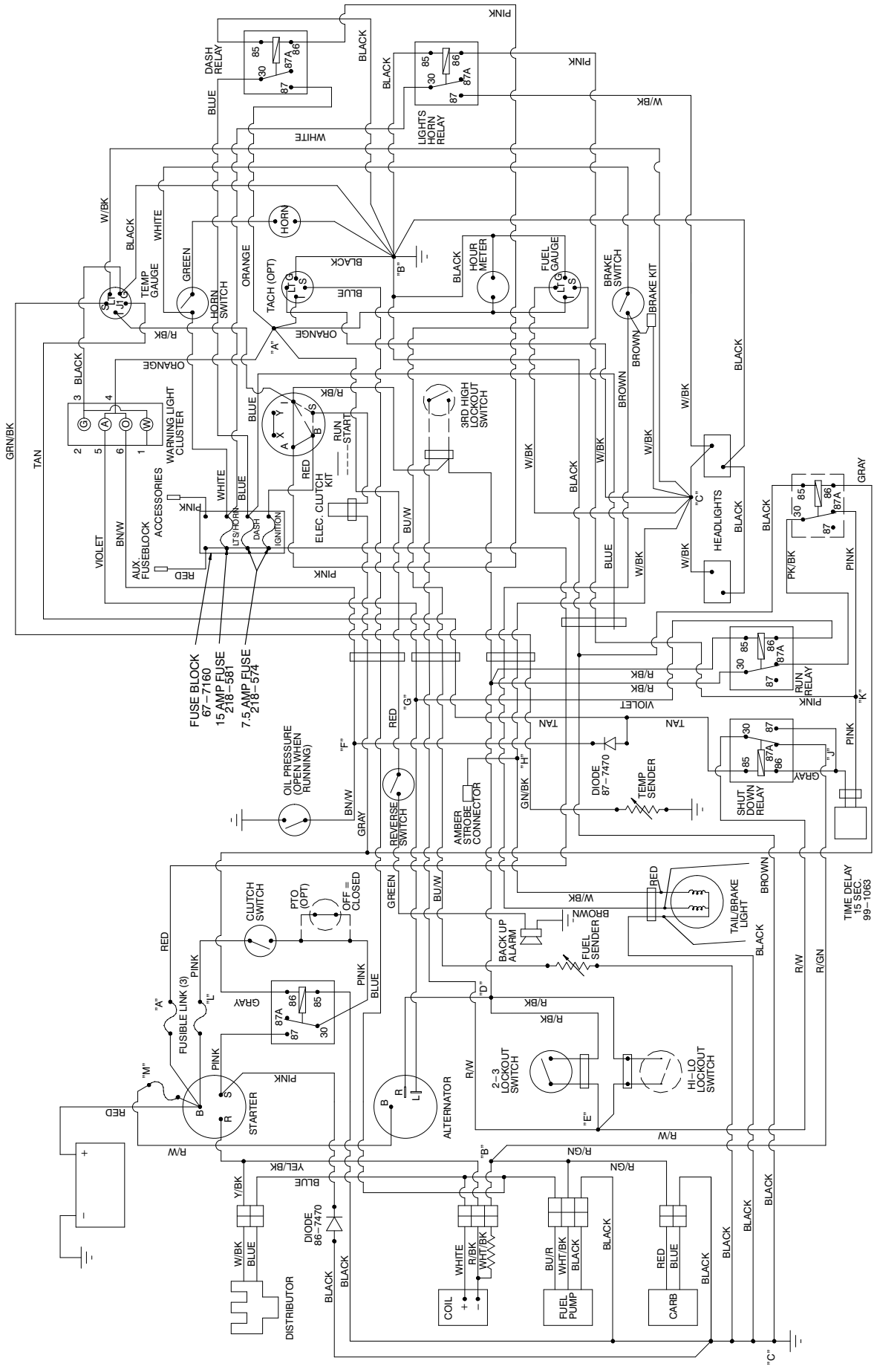


Control Panel Assembly (Continued)

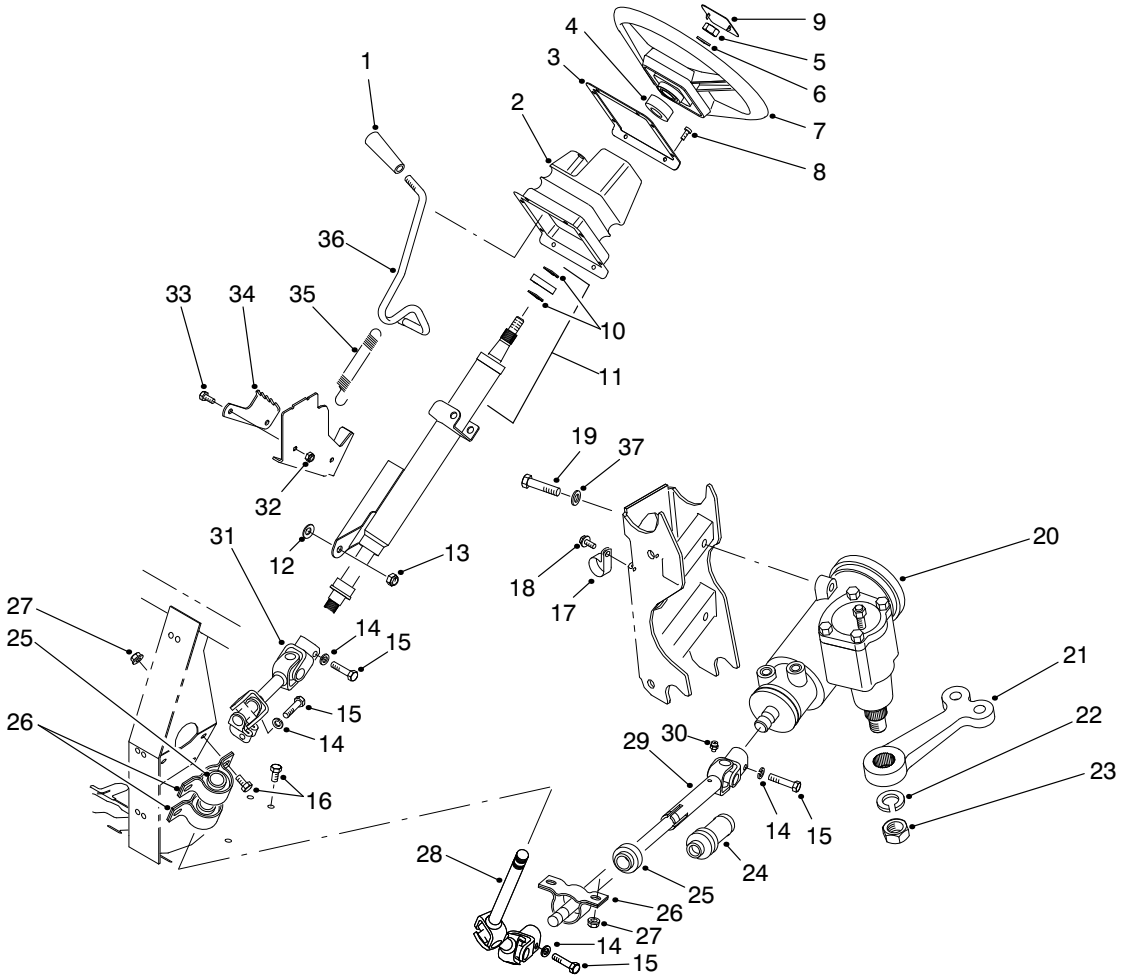
Ref. No.	Part No.	Qty.	Description
48	3253–19	6	Washer–Lock
49	3296–2	1	Nut–Hex
49		1	Clamp–Light
50	3254–1	1	Washer–Lock
51	3217–26	1	Nut–Hex
52	99–1201	1	Cable–Clutch
53	218–574	2	Fuse–7.5 Amp
54	218–581	1	Fuse–15 Amp
56	218–600	2	Bulb
57		1	Nut–Hex
58		1	Button–Horn

Ref. No.	Part No.	Qty.	Description

Electrical Schematic



T–3171

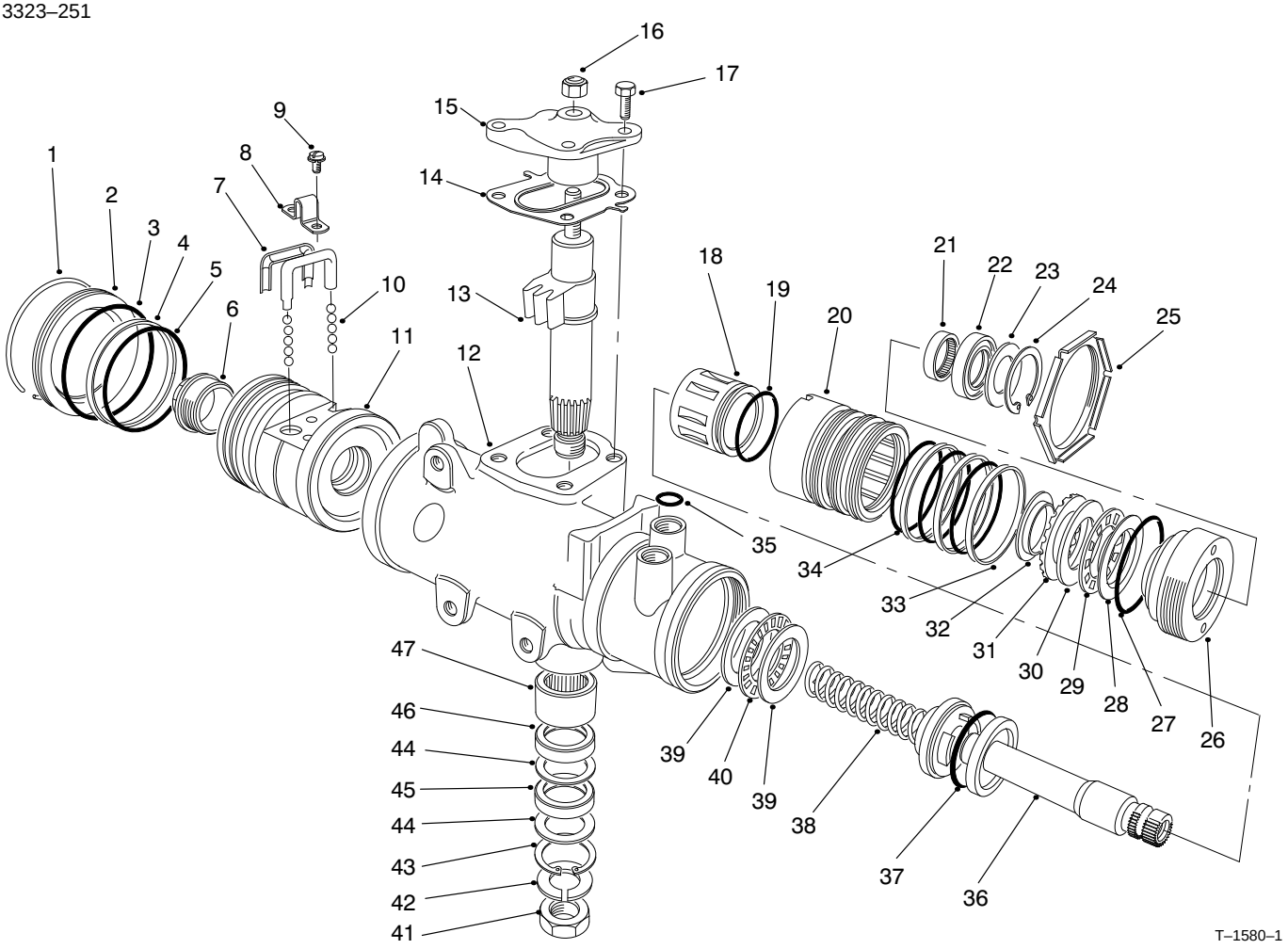


Steering Linkage Assembly

Ref. No.	Part No.	Qty.	Description
1	233–39	1	Knob
2	87–3460	1	Boot–Steering, Tilt
3	87–4720	1	Plate–Boot, Steering
4	21–9260	1	Spacer
5	3277–1	1	Nut–Hex
6	48–8070	1	Washer–Flat
7	87–3820	1	Wheel–Steering
8	32144–116	8	Screw–PH
9	87–3750	1	Cover–Wheel, Steering
10	43–6550	2	Ring–Retaining
11	92–4153	1	Steering Column ASM (Incl. Ref. #10)
12	3290–455	1	Washer
13	3296–59	1	Nut–Lock
14	3253–4	4	Washer–Lock
15	48–7740	4	Screw–HH
16	322–2	6	Screw–HH
17	2412–105	2	Clamp–R
18	32144–10	2	Screw–TAP
19	93–7145	3	Screw–HH
20	87–1500	1	Steering Gear ASM (Incl. Ref. #22 & 23)
21	87–0370	1	Arm–Pitman
22	39–7420	1	Washer–Lock
23	39–7440	1	Nut–Lock
24	92–4157	1	Boot–Shaft, Steering

Ref. No.	Part No.	Qty.	Description
25	87–2280	3	Bearing
26	87–3250	3	Mount–Bearing
27	32128–20	6	Nut–HFH
28	92–4155	1	Upper Slip Joint ASM
29	92–4156	1	Lower Slip Joint ASM (Incl. Ref. #24 & 30)
30	302–5	1	Fitting–Grease
31	92–4154	1	Universal Joint ASM
32	3296–42	2	Nut–Lock
33	321–3	2	Screw–HH
34	87–3610	1	Bracket–Detent
35	65–5360	1	Spring–Extension
36	87–3130	1	Lever–Steering, Tilt
37	87–7480	3	Washer–Flat
*	87–3100	1	Lower Shaft ASM (Incl. Ref. #24 & 28–30)
*	87–3120	1	Steering Column & Shaft (Incl. Ref. #10, 11 & 31)

* Not Illustrated

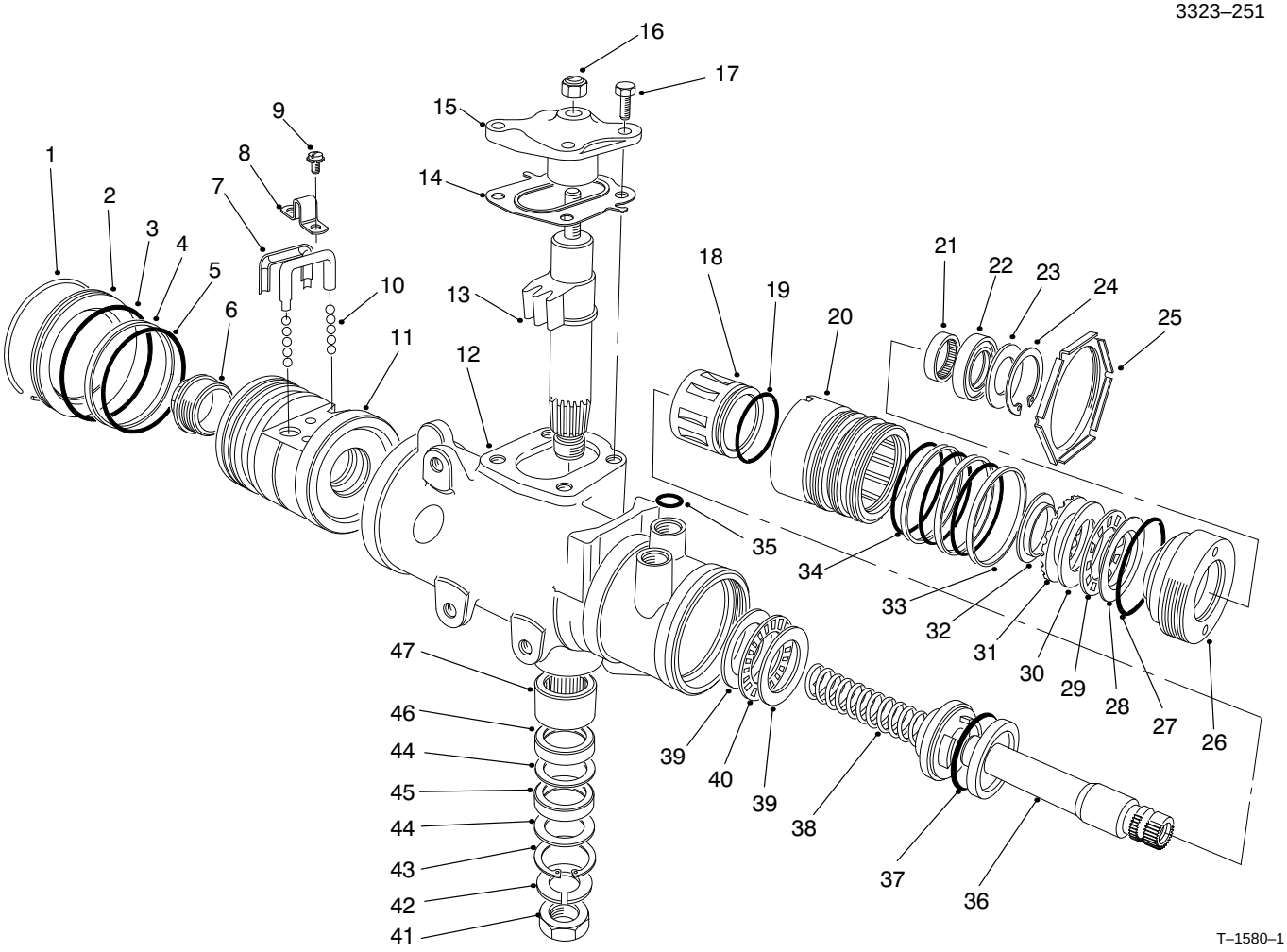


Steering Gear Assembly No. 87–1500

Ref. No.	Part No.	Qty.	Description
1		1	Ring–Retaining
2	92–4165	1	Plug–End, Housing
3		1	Seal–Plug, Housing End
4		1	Ring–Rack Piston
5		1	O–Ring–Rack Piston
6	18–4340	1	Plug–End, Rack Piston
7	92–4168	2	Return–Guide, Ball
8	18–4270	1	Clamp–Return Guide, Ball
9	18–4260	2	Screw/Lockwasher ASM
10	18–5190	1	Kit–Ball, Recirculating (Consists of 12 each of .2806 Dia. & .2812 Dia. Chrome Balls)
11		1	Nut–Rack Piston
12		1	Housing–Gear, Steering
13		1	Gear–Shaft, Pitman
14	28–8280	1	Kit–Seal, Side Cover (Incl. Ref. #17)
15		1	Cover–Side, Housing
16	28–8220	1	Nut–Adjuster, Lash
17	28–8210	4	Bolt–HFH
18		1	Valve–Spool

Ref. No.	Part No.	Qty.	Description
19		1	O–Ring–Valve, Spool
20		1	Body–Valve
21	92–4169	1	Bearing–Needle
22		1	Seal–Shaft, Stub
23		1	Seal–Dust, Stub Shaft
24		1	Ring–Retaining
25	92–4159	1	Nut–Lock, Adjuster Plug
26		1	Plug–Adjuster
27	28–8200	1	O–Ring
28		1	Race–Bearing, Upper
29		1	Bearing–Roller, Thrust
30		1	Race–Bearing, Thrust
31		1	Spacer–Bearing, Thrust
32		1	Retainer–Bearing
33		3	Ring–Body, Valve
34		3	O–Ring
35	39–7310	3	O–Ring
36		1	Shaft–Stub
37		1	O–Ring
38		1	Worm–Steering
39		2	Race–Bearing, Thrust
40		1	Bearing–Roller, Thrust
41	39–7440	1	Nut–Arm, Pitman
42	39–7420	1	Washer–Lock

* Not Illustrated



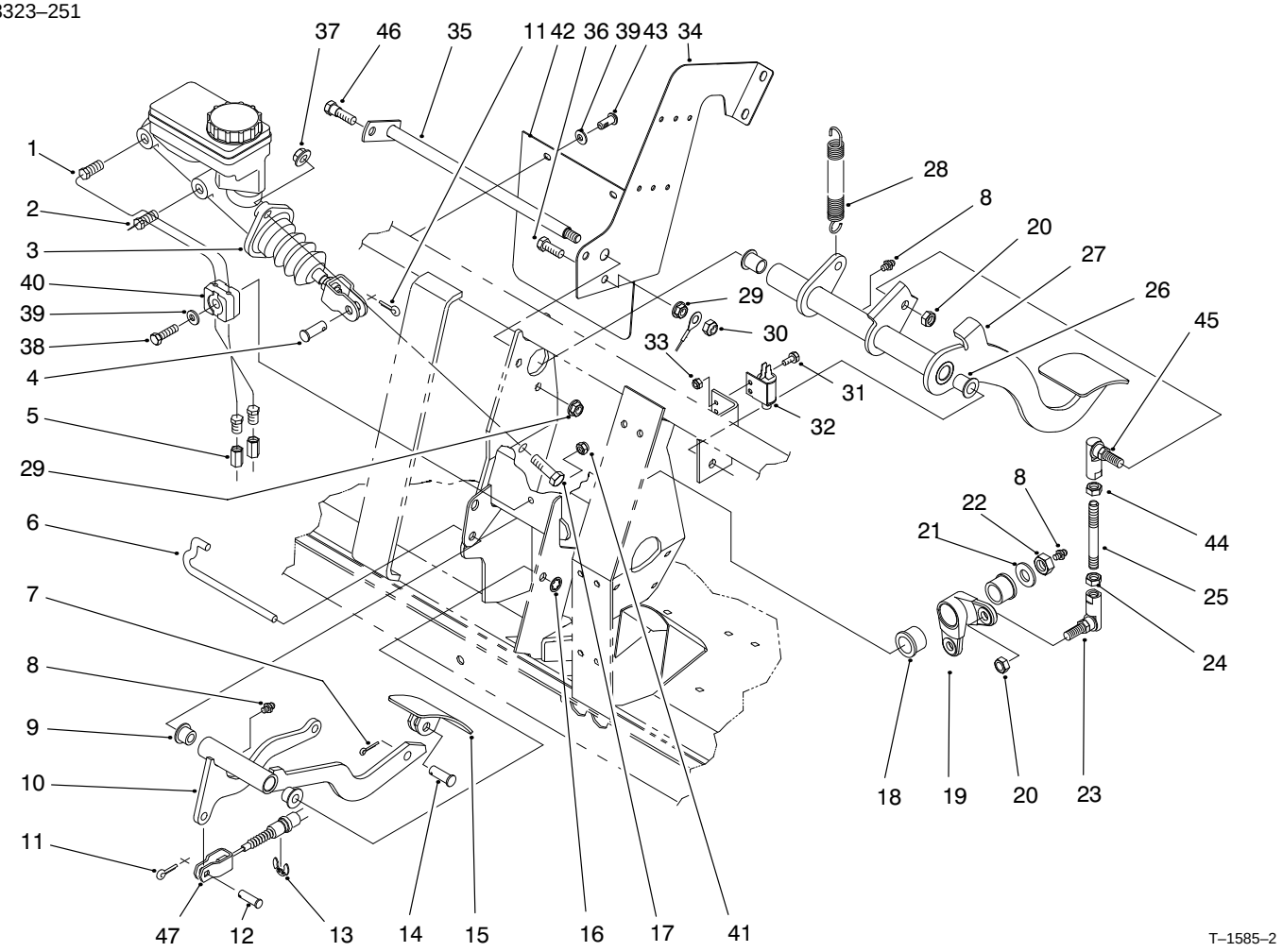
T–1580–1

Steering Gear Assembly No. 87–1500 (Continued)

Ref. No.	Part No.	Qty.	Description
43		1	Ring–Retaining
44		2	Washer–Seal, Backup
45		1	Seal–Shaft, Pitman
46		1	Seal–Shaft, Pitman
47	92–4170	1	Bearing–Shaft, Pitman
*	92–4161	1	Housing Side Cover Service ASM (Incl. Ref. #14–17)
*	28–8270	1	Kit–Seal Service, End Plug (Incl. Ref. #1 & 3)
*	28–8290	1	Kit–Seal Service Rack/Piston (Incl. Ref. #4 & 5)
*	18–5180	1	Kit–Bearing, Lower Thrust (Incl. Ref.#39–40)
*	98–2962	1	Kit–Seal, Pitman Shaft (Incl. Ref. #43–46
*	18–5170	1	Kit–Seal, Valve Ring (Incl. Ref. #19, 33, 34 & 37)
*	92–4163	1	Steering Housing ASM (Incl. Ref. #12 & 43–47)
*	92–4167	1	Plug Service ASM (Incl. Ref.#22–24 & 27)

Ref. No.	Part No.	Qty.	Description
*	92–4162	1	Service–Gear, Pitman Shaft (Incl. Ref. #13, 14 & 17)
*	92–4158	1	Hyd. Valve Gear ASM (Incl. Ref. #18–20, 33, 34, 36 & 37)
*	92–4160	1	Kit–Bearing Service, Upper (Incl. Ref. #28–32)
*	92–4166	1	Rack/Piston/Nut ASM (Incl. Ref. #1–11 & 38)
*	92–4164	1	Service Adjust. Plug ASM (Incl. Ref. #21–24 & 26–32)
*	87–1500	1	Steering Gear (Complete)

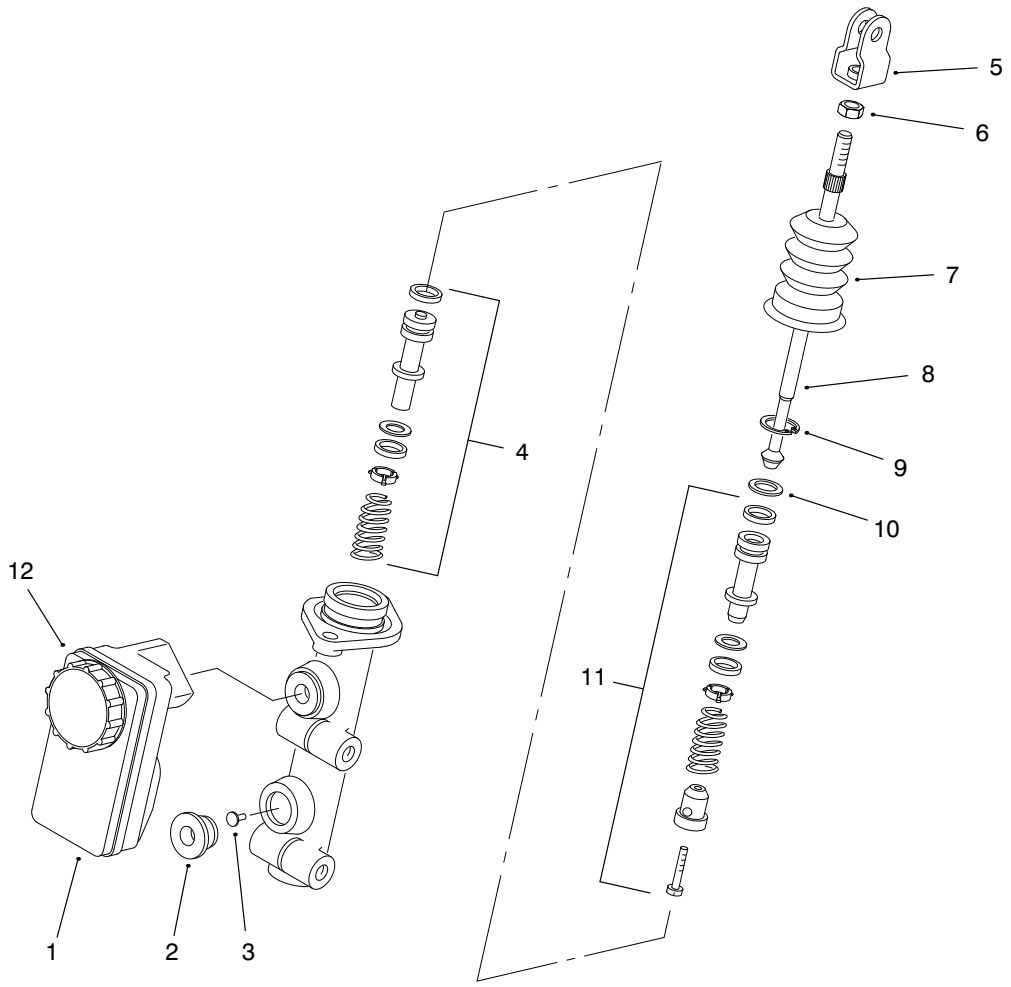
* Not Illustrated



Brake and Accelerator Pedal Assembly

Ref. No.	Part No.	Qty.	Description
1	94–3814	1	Tube–Hydraulic
2	94–3815	1	Tube–Hydraulic
3	94–3800	1	Master Cylinder ASM
4	283–2	1	Pin–Clevis
5	87–3570	2	Union–Line, Brake
6	87–2880	1	Shaft–Pedal, Accelerator
7	3272–6	1	Pin–Cotter
8	302–5	3	Fitting–Grease
9	256–259	2	Bushing–Flange
10	93–8961	1	Arm–Pedal, Accelerator
11	3272–10	2	Pin–Cotter
12	283–30	1	Pin–Clevis
13	32120–47	1	Ring–E
14	283–85	1	Pin–Clevis
15	93–8969	1	Pedal–Accelerator
16	32151–56	1	Ring–Retaining
17	323–7	2	Screw–HH
18	256–247	2	Bushing–Flange
19	94–5223	1	Bell Crank
20	3296–6	2	Nut–Lock
21	3256–26	1	Washer–Flat
22	3296–23	1	Nut–Lock
23	68–3840	1	Ball Joint
24	3220–3	1	Nut–Jam

Ref. No.	Part No.	Qty.	Description
25	94–5299	1	Rod–Link
26	256–155	2	Bushing–Flange
27	93–8965	1	Pedal–Brake
28	76–9430	1	Spring–Extension
29	32128–20	2	Nut–HFH
30	3296–29	1	Nut–Lock
31	3290–321	2	Screw–HFH
32	55–7120	1	Switch–Light, Brake
33	3296–2	2	Nut–Lock
34	94–3821	1	Plate–Frame, Center
35	95–7394	1	Shaft–Brake
36	322–5	1	Screw–HH
37	3290–357	2	Nut–Flange
38	321–9	1	Screw–HH
39	3256–22	3	Washer–Flat
40	87–7660	2	Clamp–Tube
41	3296–42	1	Nut–Lock
42	94–5221	1	Flap–Cylinder, Master
43	87–6620	2	Screw–Pan Head, Torx
44	3220–16	1	Nut–Hex Jam
45	68–3841	1	Ball Joint ASM
46	28–0540	1	Bolt–Shoulder
47	94–3836	1	Cable–Accelerator

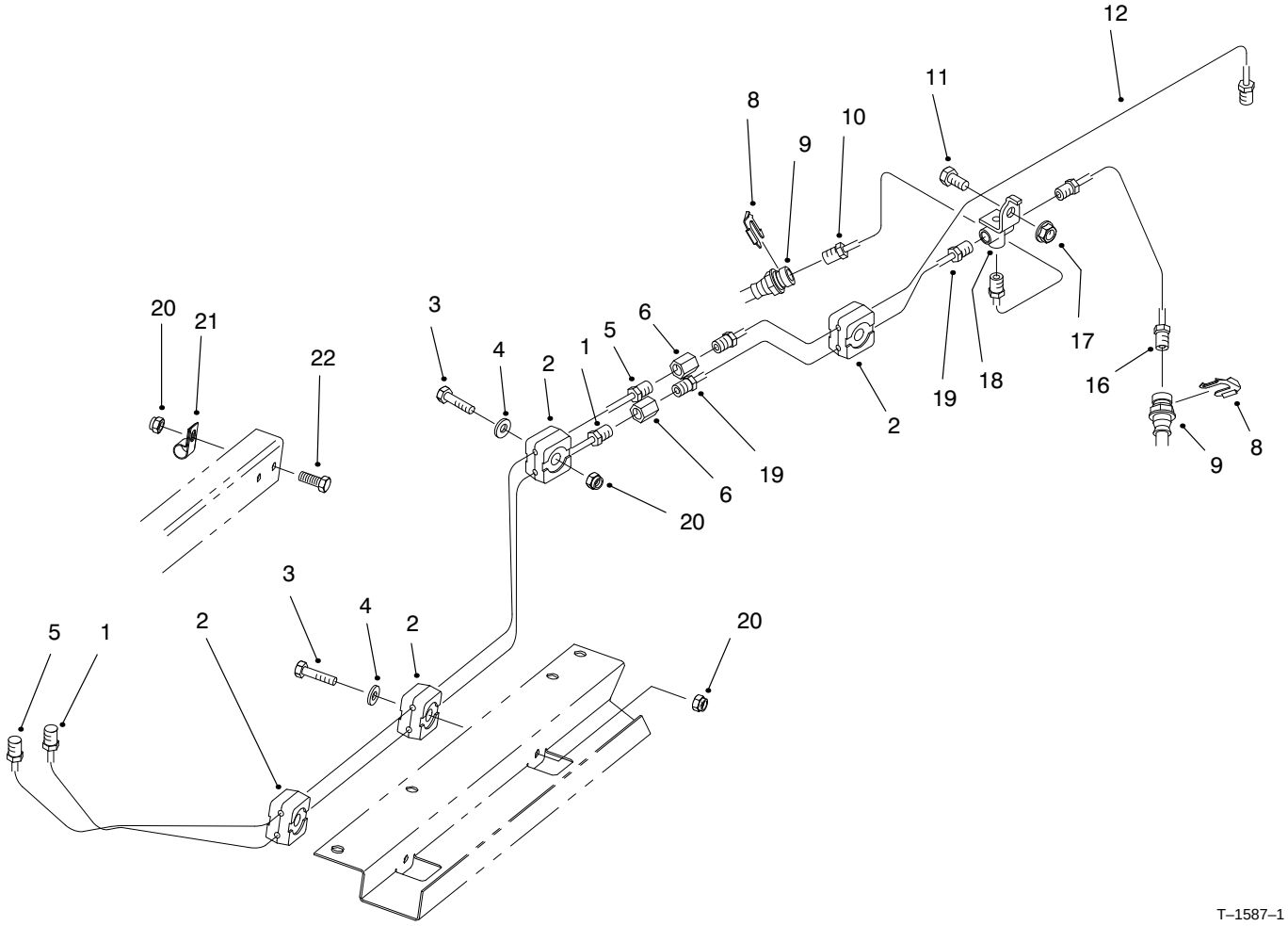


T–2339–1

Master Brake Cylinder No. 94–3800

Ref. No.	Part No.	Qty.	Description
1	87–3040	1	Reservoir–Cylinder, Master (Incl. Ref. #12)
2	93–8971	2	Seal–Port, Flange
3	92–4103	1	Pin–Stop
4	92–4102	1	Secondary Piston ASM
5	92–4110	1	Clevis
6	21–0360	1	Nut–Hex
7	94–5209	1	Cover–Dust
8	94–5210	1	Rod–Push
9	92–4109	1	Circlip
10	92–4108	1	Washer–Retainer
11	92–4101	1	Primary Piston ASM
12	92–4112	1	Cap ASM

Ref. No.	Part No.	Qty.	Description



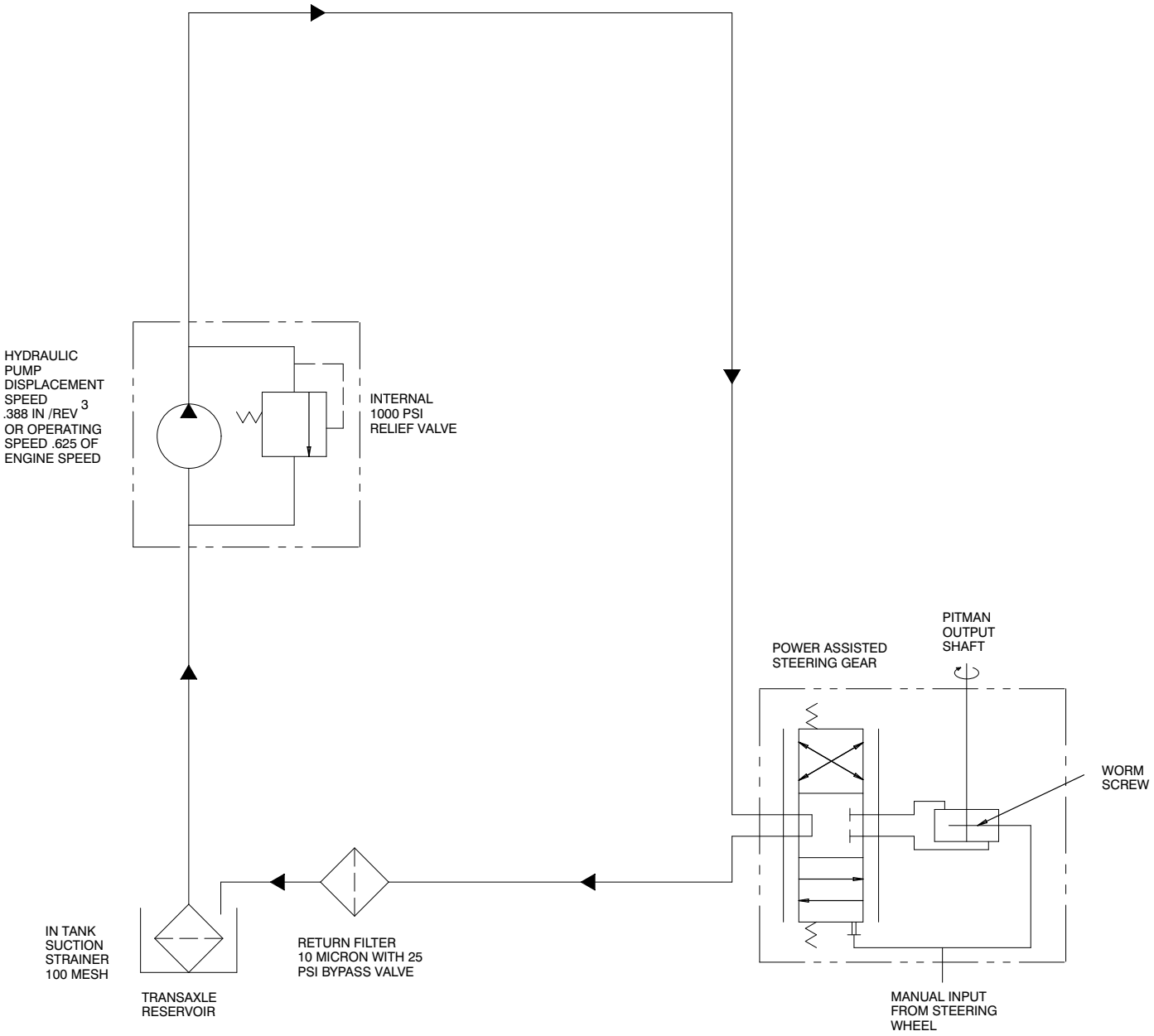
T–1587–1

Hydraulic Brake Line Routing Assembly

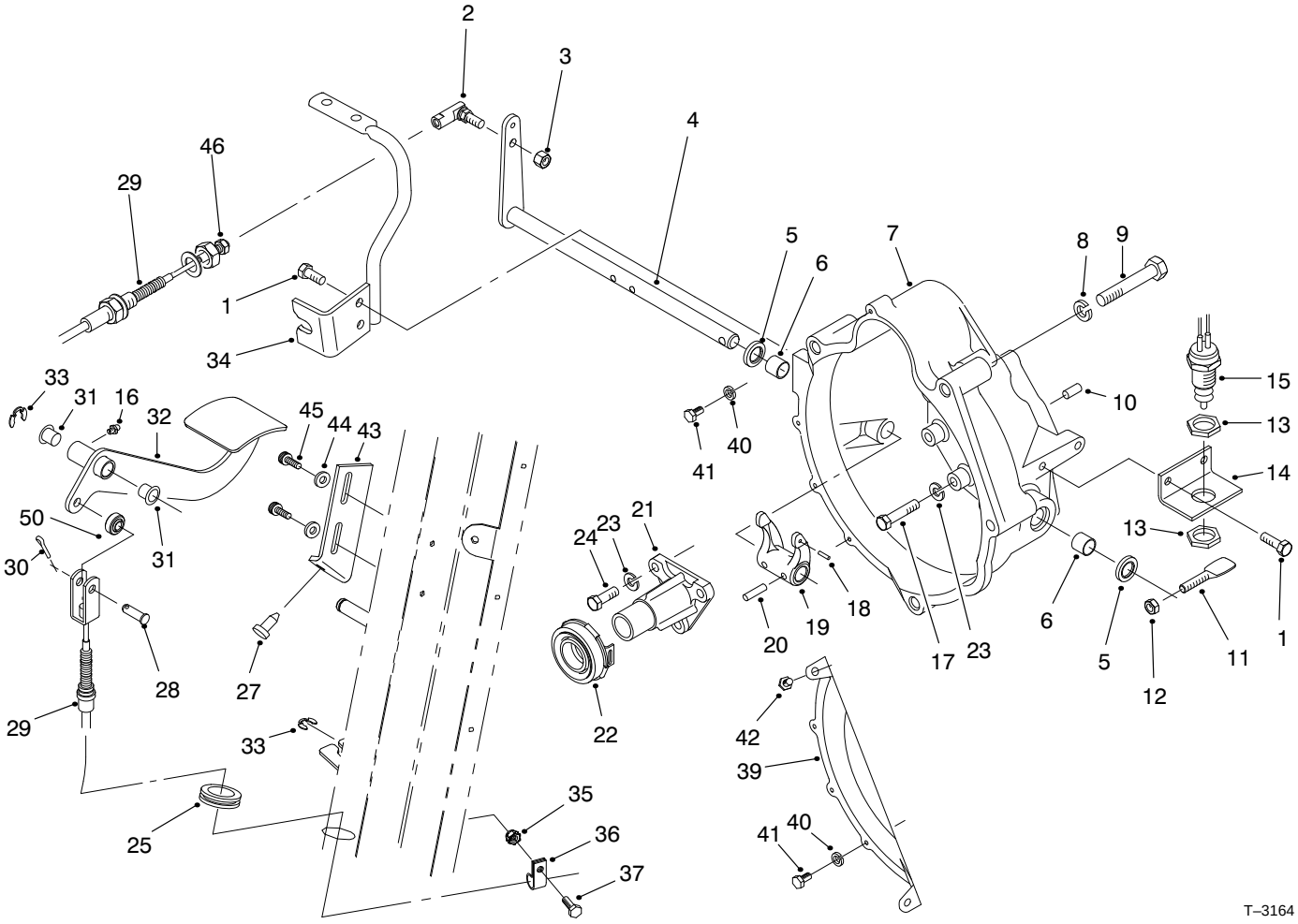
Ref. No.	Part No.	Qty.	Description
1	94–3820	1	Tube–Brake, Front
2	87–7660	8	Clamp–Line, Brake
3	321–9	4	Screw–HH
4	3256–22	4	Washer–Flat
5	94–3819	1	Tube–Brake, Rear
6	87–3570	2	Fitting–Union
8	87–3580	2	Retainer–Hose, Brake
9	93–7123	2	Hose–Brake, Front
10	93–7081	1	Tube–Front Brake, RH
11	322–2	1	Screw–HH
12	94–3842	1	Tube–Brake, Rear
16	93–7082	1	Tube–Front Brake, LH
17	32128–20	1	Nut–Flange
18	87–3560	1	Tee–Line, Brake
19	93–7085	1	Tube–Brake, Front
20	3296–42	5	Nut–Lock
21	2412–89	1	Clamp–R
22	321–4	1	Screw–HH

Ref. No.	Part No.	Qty.	Description

Hydraulic Schematic



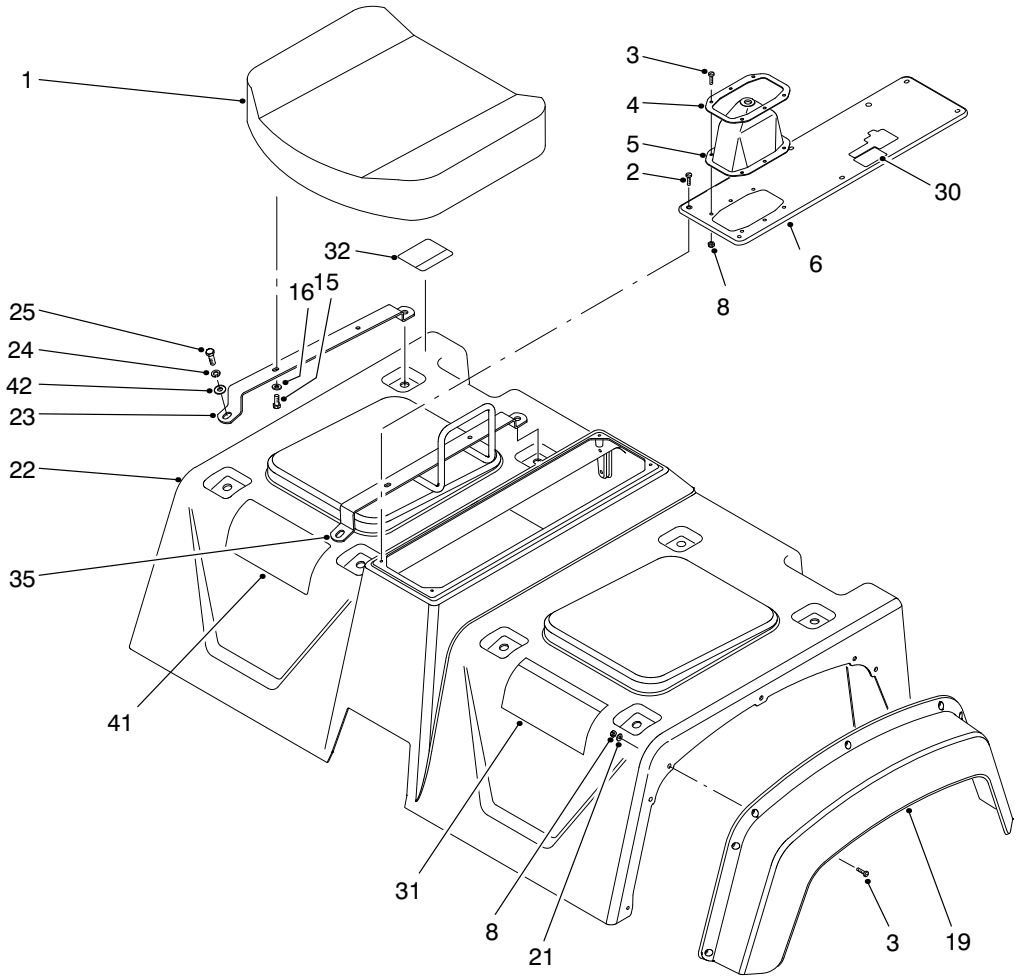
T–3016–1



Clutch Linkage Assembly

Ref. No.	Part No.	Qty.	Description
1	33114–020	4	Screw–HH
2	2411–33	1	Joint–Ball
3	3296–4	1	Nut–Lock
4	87–5290	1	Shaft–Release, Clutch
5	87–1920	2	Seal–Shaft
6	87–3770	2	Bushing–Sleeve
7	93–7121	1	Housing–Bell
8	3253–22	4	Washer–Lock
9	56–2150	4	Screw–HH
10	87–1910	2	Pin–Dowel
11	87–5360	1	Paddle–Clutch, Switch
12	3296–29	1	Nut–Lock
13	3218–20	2	Nut–Jam
14	87–5350	1	Bracket–Switch
15	87–5490	1	Switch–Neutral
16	302–5	1	Fitting–Grease
17	33114–040	9	Screw–HH
18	32121–7	1	Pin–Roll
19	87–5300	1	Fork–Clutch
20	32121–24	2	Pin–Roll
21	87–5320	1	Guide–Release
22	87–2100	1	Bearing–Release
23	42–9850	12	Washer–Lock
24	33114–025	3	Screw–HH
25	240–5	1	Grommet
27	87–8460	1	Bumper

Ref. No.	Part No.	Qty.	Description
28	283–75	1	Pin–Clevis
29	99–1201	1	Clutch Cable ASM (Incl. Ref. #46)
30	3272–10	1	Pin–Cotter
31	256–156	2	Bushing–Flange
32	99–1199–03	1	Pedal–Clutch
33	32120–47	2	Ring–E
34	87–8480	1	Air Chamber Rod ASM
35	32128–33	1	Nut–HFH
36	2412–89	1	Clamp–R
37	321–4	1	Screw–HH
39	92–1938	1	Cover–Housing, Bell
40	3253–3	4	Washer–Lock
41	33113–012	4	Screw–HH
42	92–2129	1	Screw–HH
43	87–8710	1	Tab–Clutch, Up–Stop
44	3256–22	2	Washer–Flat
45	87–6620	2	Screw–Torx PH
46	3220–2	1	Nut–Jam
50	99–1202	1	Rod End

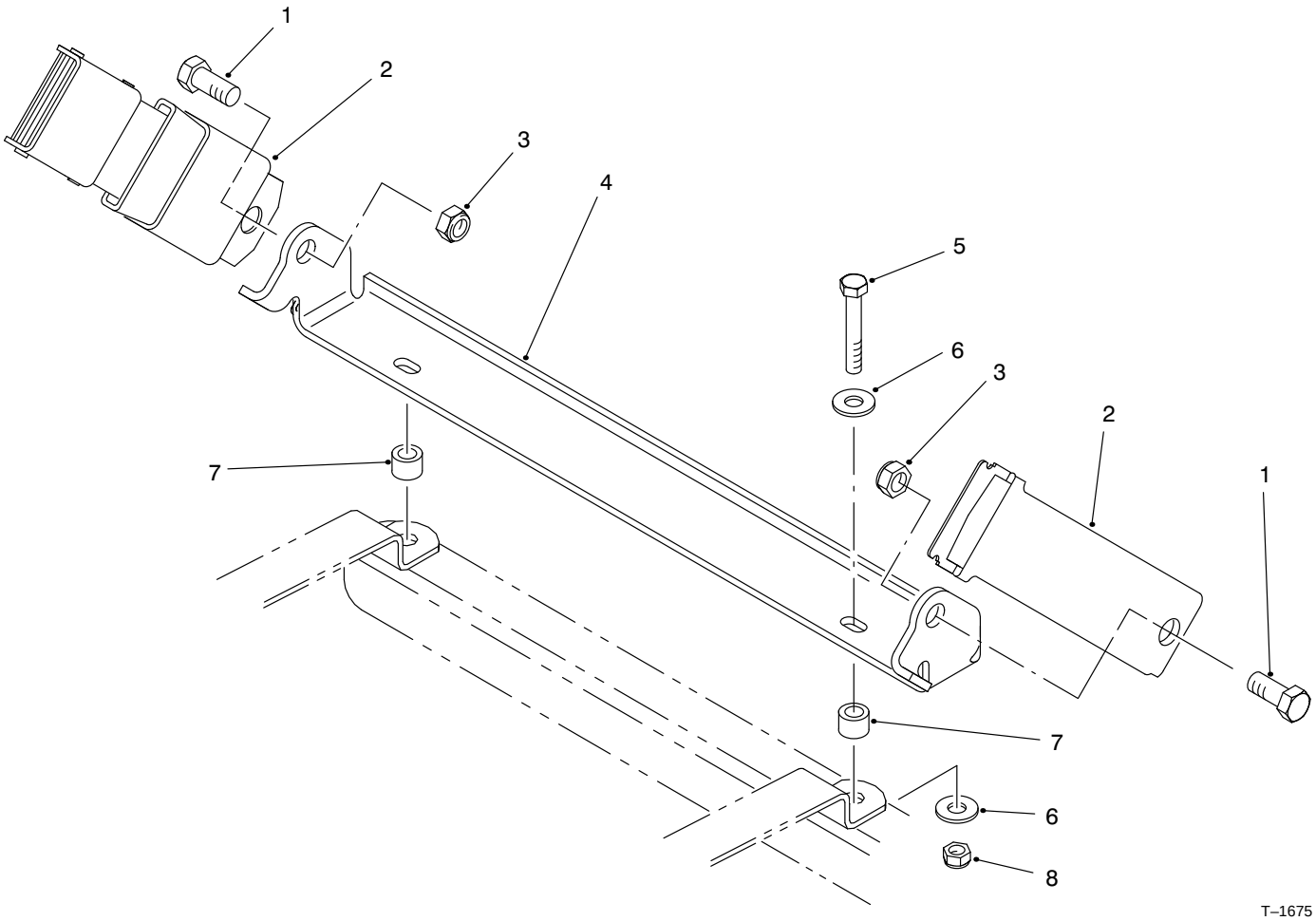


T–2997

Seat Base Assembly

Ref. No.	Part No.	Qty.	Description
1	87–5060	2	Pad–Seat
2	32144–52	6	Screw–HH
3	3250–13	20	Screw–HH
4	87–3760	1	Plate–Boot, Shift
5	87–8620	1	Boot–Shift
6	98–2972	1	Cover–Console
8	3296–2	20	Nut–Lock
15	321–4	8	Screw–HH
16	3256–22	8	Washer–Flat
19	87–9480	2	Fender–Front
21	3256–61	14	Washer–Flat
22	99–1086	1	Skirt ASM (Incl. Ref. #31 & 32)
23	87–3800	3	Bracket–Bottom, Seat
24	3253–4	8	Washer–Lock
25	322–5	8	Screw–HH
30	87–6020	1	Decal–Brake
31	87–5920	1	Decal–Danger
32	87–5930	1	Decal–Caution
35	87–6890	1	Hold–Hand
41	99–1125	1	Decal–Quick Ref.
42	3256–23	8	Washer–Flat

Ref. No.	Part No.	Qty.	Description

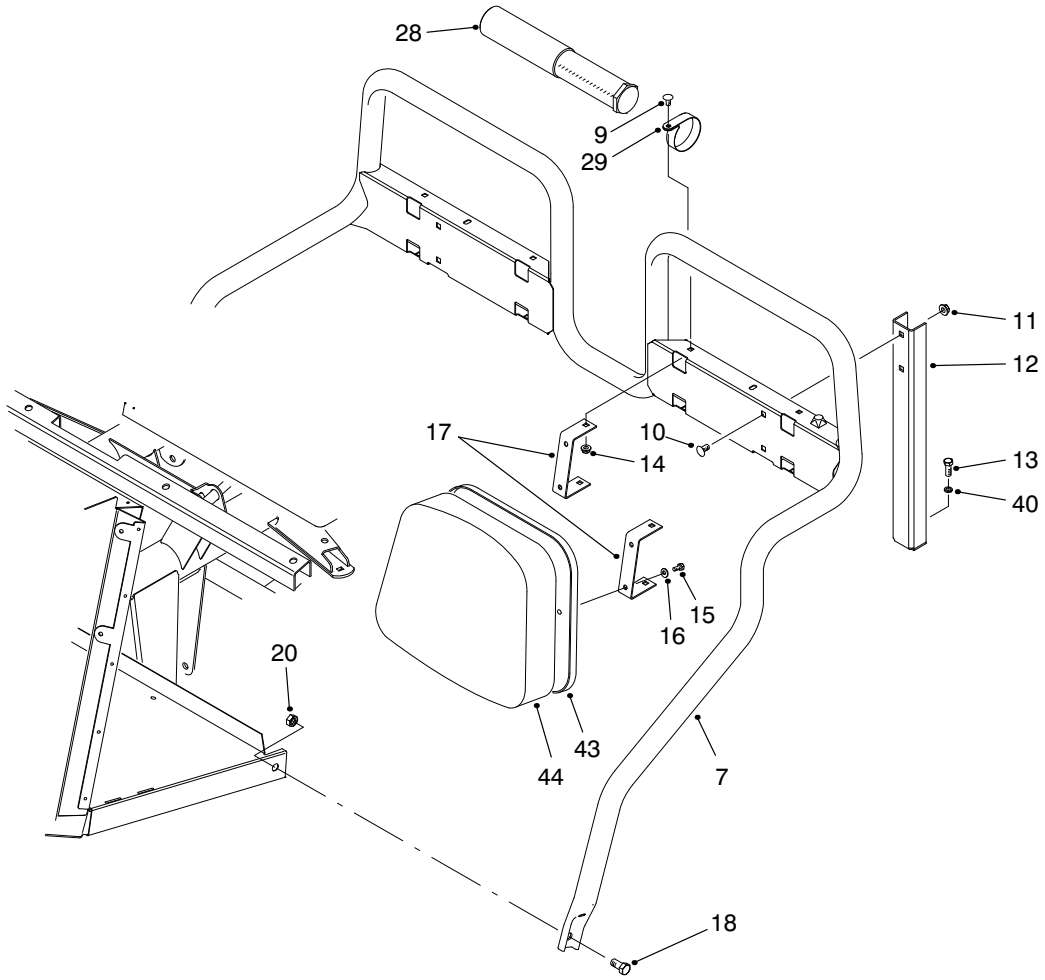


Seat Belt Assembly

Ref. No.	Part No.	Qty.	Description
1	3212–4	4	Screw–HH
2	21–4191	2	Seat Belt ASM
3	3296–38	4	Nut–Lock
4	87–7280	2	Bracket–Belt, Seat
5	322–10	4	Screw–HH
6	3256–3	8	Washer–Flat
7	52–2480	4	Spacer
8	3296–29	4	Nut–Lock
*	92–1295	2	Kit–Belt, Seat (Incl. Ref. 1–8)

Ref. No.	Part No.	Qty.	Description

NOTE: Passenger seat assembly shown.



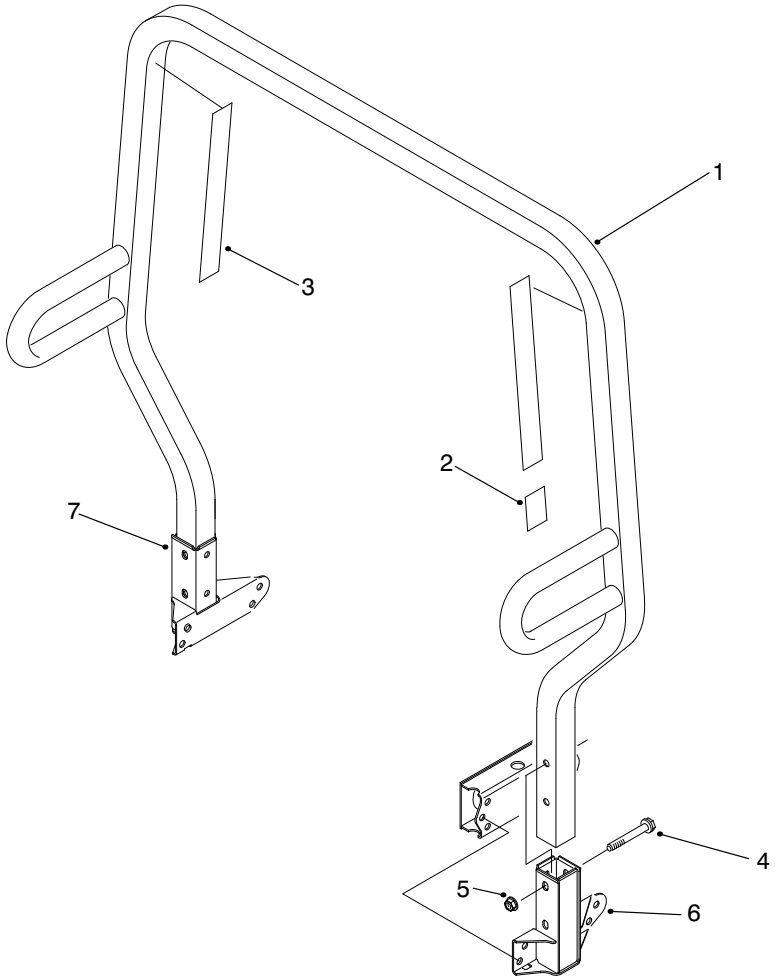
T–2998

Seat Back Assembly

Ref. No.	Part No.	Qty.	Description
7	87–6170	1	Frame–Seat
9	3230–18	8	Bolt–CARR
10	3231–21	4	Bolt–CARR
11	3290–357	4	Nut–HFH
12	87–2510	2	Bracket–Frame, Seat
13	323–6	2	Screw–HH
14	32128–20	8	Nut–HHF
15	321–4	8	Screw–HH
16	3256–22	8	Washer–Flat
17	87–6240	4	Bracket–Back, Seat
18	325–4	2	Screw–HH
20	3296–23	2	Nut–Lock
28	74–0720	1	Tube–Manual
29	2412–133	2	Clamp–R
40	3253–21	2	Washer–Lock
43	87–6280	2	Plate–Back, Seat
44	87–6290	2	Cushion–Back, Seat
*	87–3340	2	Backrest ASM (Incl. Ref. #43–44)

Ref. No.	Part No.	Qty.	Description

* Not Illustrated

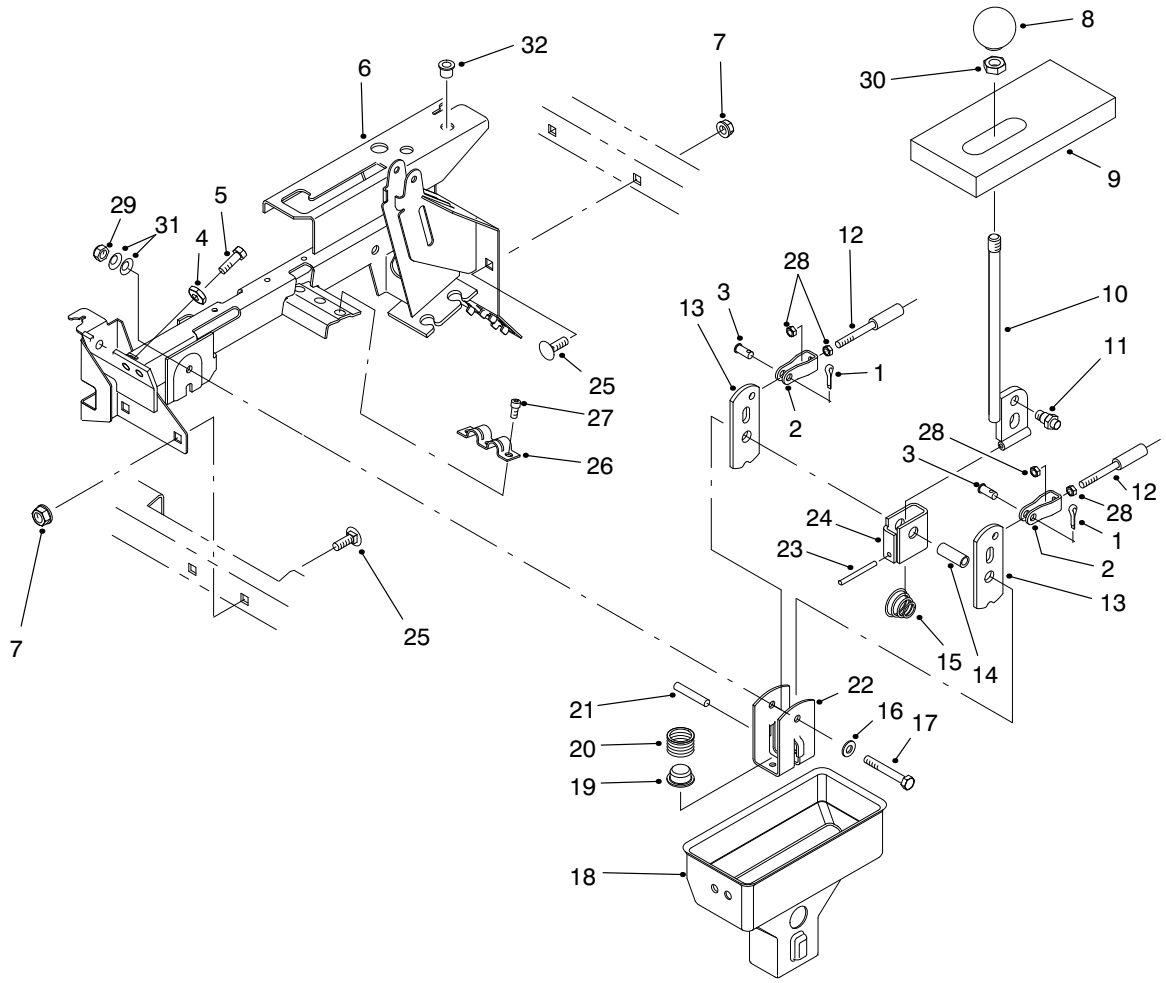


T–1592–1

Roll Over Protection System (R.O.P.S.) Assembly

Ref. No.	Part No.	Qty.	Description
1	87–7090	1	R.O.P.S. Frame ASM (Incl. Ref. #2 & 3)
2	87–5940	1	Decal–Rollover
3	87–5980	2	Decal–ROPS
4	3234–40	4	Screw–HFH
5	32128–23	4	Nut–HHF
6	87–6950	1	Receiver–LH
7	87–6960	1	Receiver–RH

Ref. No.	Part No.	Qty.	Description

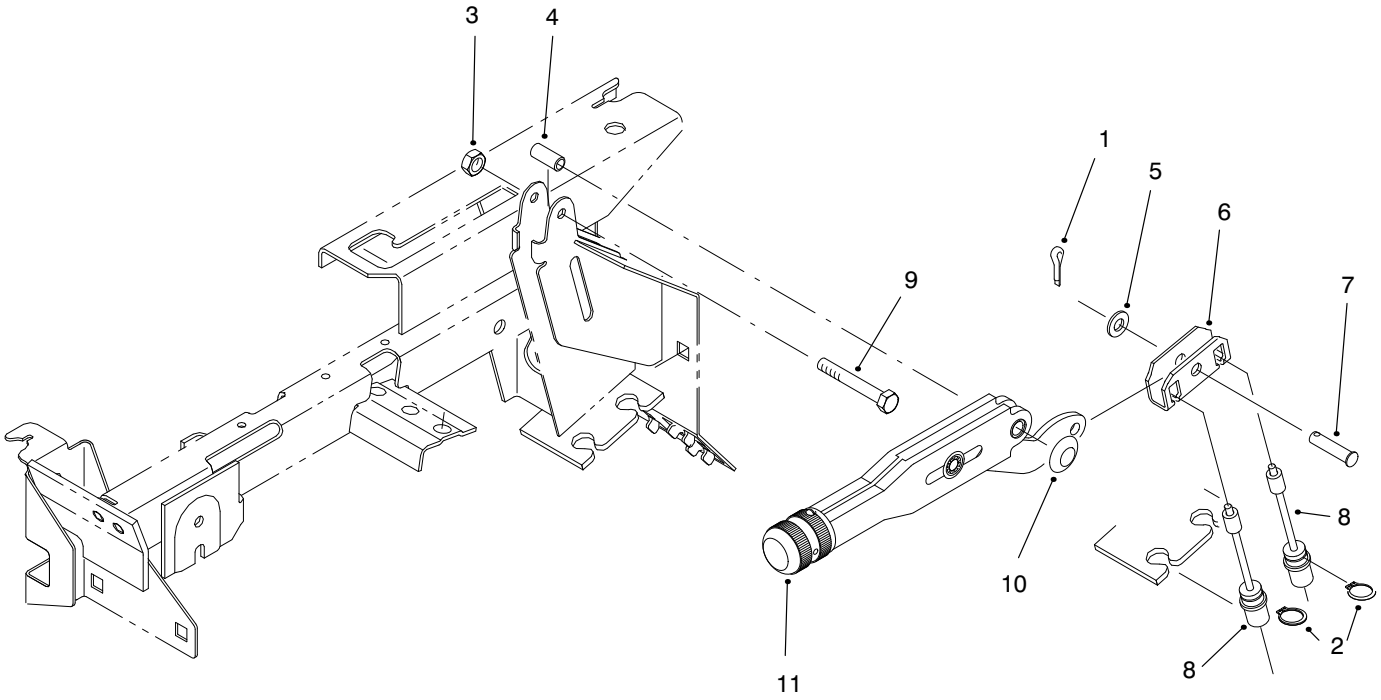


T–2999

Console Assembly

Ref. No.	Part No.	Qty.	Description
1	3272–6	2	Pin–Cotter
2	87–2310	2	Clevis–Cable
3	283–62	2	Pin–Clevis
4	3220–3	2	Nut–Jam
5	3211–8	2	Screw–HH
6	94–5202	1	Lever Support ASM (Incl. Ref. #32)
7	3290–357	4	Nut–HFH
8	87–6720	1	Knob
9	87–6570	1	Foam–Seal
10	87–2040	1	Lever–Shift
11	87–3650	1	Pin–Shift
12	93–7105	2	Cable ASM (Incl. Ref. #28)
13	87–3540	2	Link–Shift
14	87–2520	1	Tube–Pivot
15	87–2900	1	Spring–Compression
16	87–8640	1	Washer–Flat
17	322–12	1	Screw–HH
18	87–2260	1	Boot–Shift, Lower
19	87–3530	1	Button–Shifter
20	87–3660	1	Spring–Compression
21	3290–507	1	Pin–Dowel
22	87–3520	1	Clevis
23	32121–48	1	Pin–Roll
24	87–6040	1	Bracket–Shifter

Ref. No.	Part No.	Qty.	Description
25	3231–21	4	Bolt–CARR
26	87–4960	1	Clamp–Cable
27	65–5220	3	Screw–HSH
28	3220–1	4	Nut–Jam
29	3296–58	1	Nut–Lock
30	3218–18	1	Nut–Jam
31	3290–456	2	Washer–Belleville
32	32148–7	2	Nut–Clinch

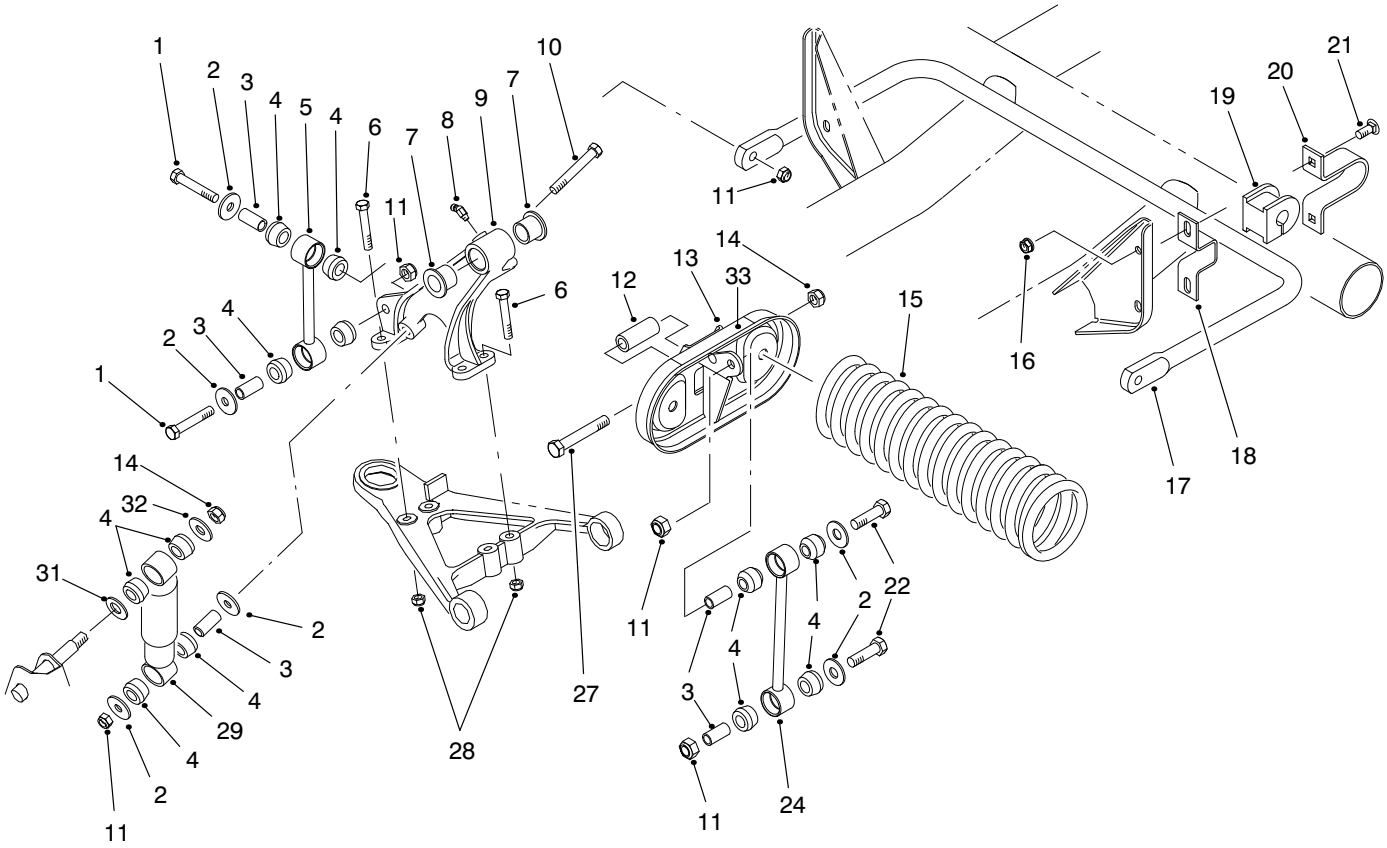


T–3000

Parking Brake Assembly

Ref. No.	Part No.	Qty.	Description
1	3272–6	1	Pin–Cotter
2	32120–47	2	Ring–Retaining
3	3296–42	1	Nut–Lock
4	87–4710	1	Spacer–Brake, Parking
5	3256–23	1	Washer–Flat
6	87–3480	1	Plate–Brake, Equalizer
7	94–3829	1	Pin–Clevis
8	87–8240	2	Cable–Brake, Parking
9	321–9	1	Screw–HH
10	3290–477	1	Washer–Curved
11	87–2710	1	Lever–Brake, Parking

Ref. No.	Part No.	Qty.	Description



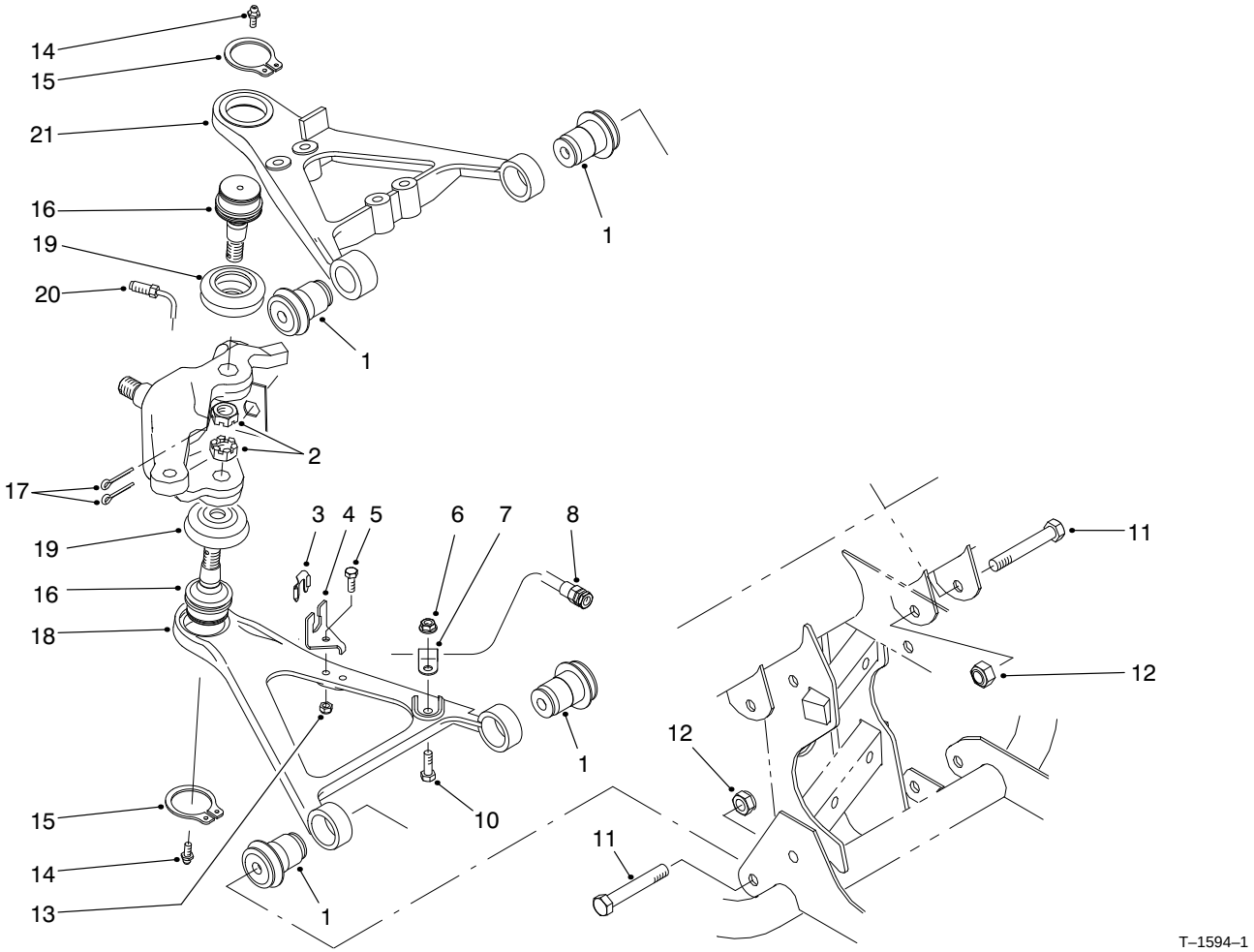
T–1593–1

Front Suspension Assembly

Ref. No.	Part No.	Qty.	Description
1	324–10	4	Screw–HH
2	87–5330	8	Washer
3	87–3600	10	Spacer
4	87–3920	16	Bushing–Rubber
5	87–3860	2	Link–Bar, Anti–Sway
6	323–12	8	Screw–HH
7	33–3090	4	Bushing–Flange
8	302–11	1	Fitting–Grease
9	87–0150	1	Tower–Control Arm, RH
*	87–0160	1	Tower–Control Arm, LH
10	324–13	2	Screw–HH
11	3296–48	10	Nut–Lock
12	87–2500	2	Sleeve–Spring, Pivot
13	87–7150	2	Spring Cradle ASM (Incl. Ref. #33)
14	3296–23	4	Nut–Lock
15	87–0690	2	Spring–Compression
16	3290–357	4	Nut–HFH
17	87–3850	1	Bar–Anti–Sway
18	87–3890	2	Bracket–Bar, Anti–Sway
19	87–3910	2	Bushing–Bar, Anti–Sway
20	87–4010	2	Clamp–Bar, Anti–Sway

Ref. No.	Part No.	Qty.	Description
21	3231–3	4	Bolt–CARR
22	324–9	4	Screw–HH
24	87–2480	2	Link–Stabilizer
27	325–13	4	Screw–HH
28	3296–39	8	Nut–Lock
29	87–3110	2	Absorber–Shock
31	3256–27	2	Washer–Flat
32	3256–6	2	Washer–Flat
33	44–0760	2	Decal–Warning

* Not Illustrated

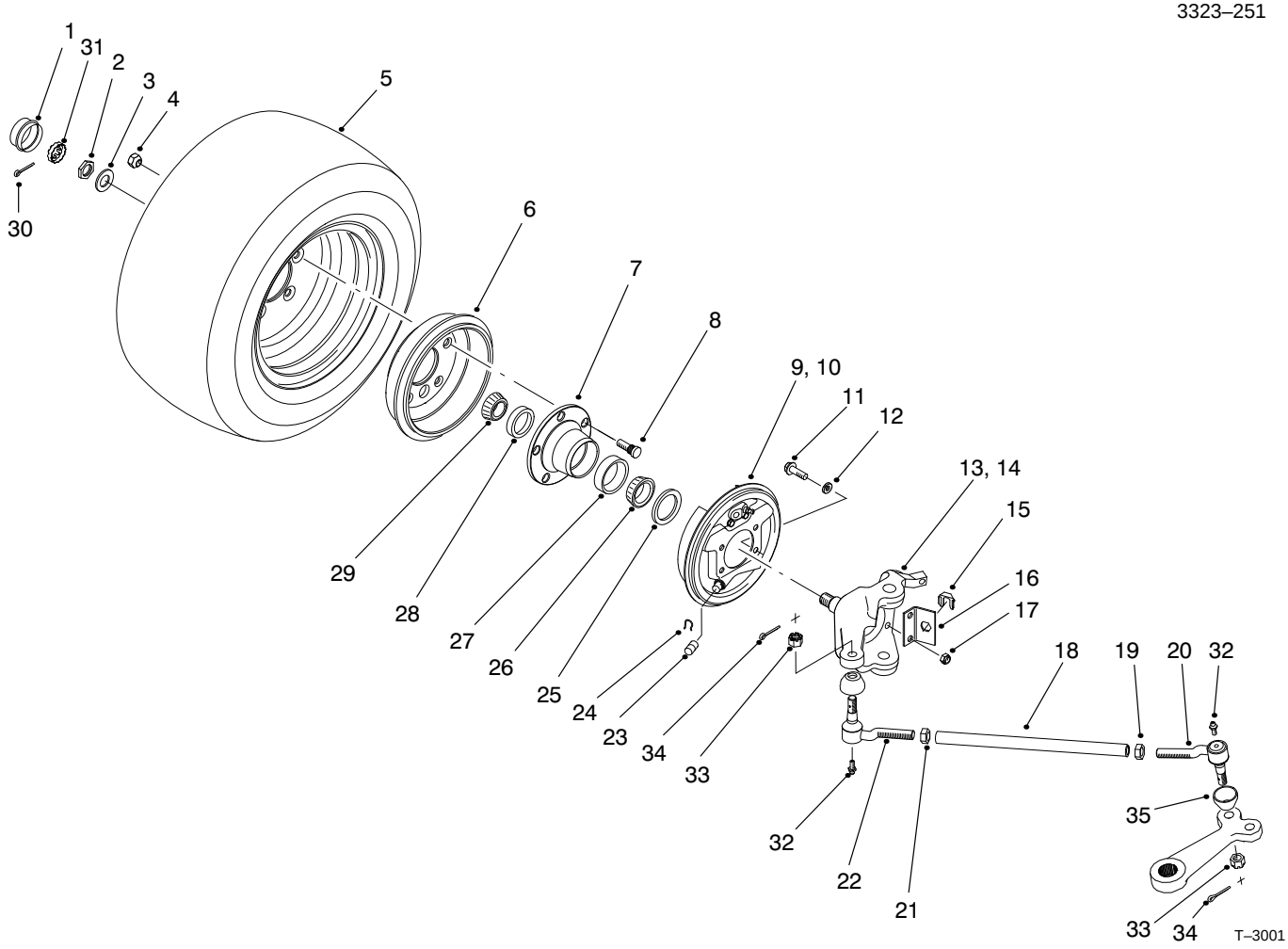


Front Suspension Control Arm Assembly

Ref. No.	Part No.	Qty.	Description
1	87–1450	8	Bushing–Rubber
2	32136–2	2	Nut–Slotted
3	87–3580	2	Retainer–Hoes, Brake
4	87–2870	2	Bracket–Hose, Brake
5	321–6	2	Screw–HH
6	32128–20	2	Nut–HFH
7	2412–10	2	Clamp–R
8	93–7123	2	Hose–Brake, Front
10	322–5	2	Screw–HH
11	325–13	8	Screw–HH
12	3296–23	8	Nut–HFH
13	3296–42	2	Nut–Lock
14	302–5	4	Fitting–Grease
15	32151–104	4	Ring–Snap
16	87–1430	4	Joint–Ball
17	3272–12	4	Pin–Cotter
18	87–0210	1	Arm–Lower Control, RH
*	87–0220	1	Arm–Lower Control, LH
19	87–2420	4	Boot
20	87–2800	1	Tube–Brake, RH
*	87–2790	1	Tube–Brake, LH
21	93–7135	1	Arm–Upper Control, RH

Ref. No.	Part No.	Qty.	Description
*	93–7133	1	Arm–Upper Control, LH

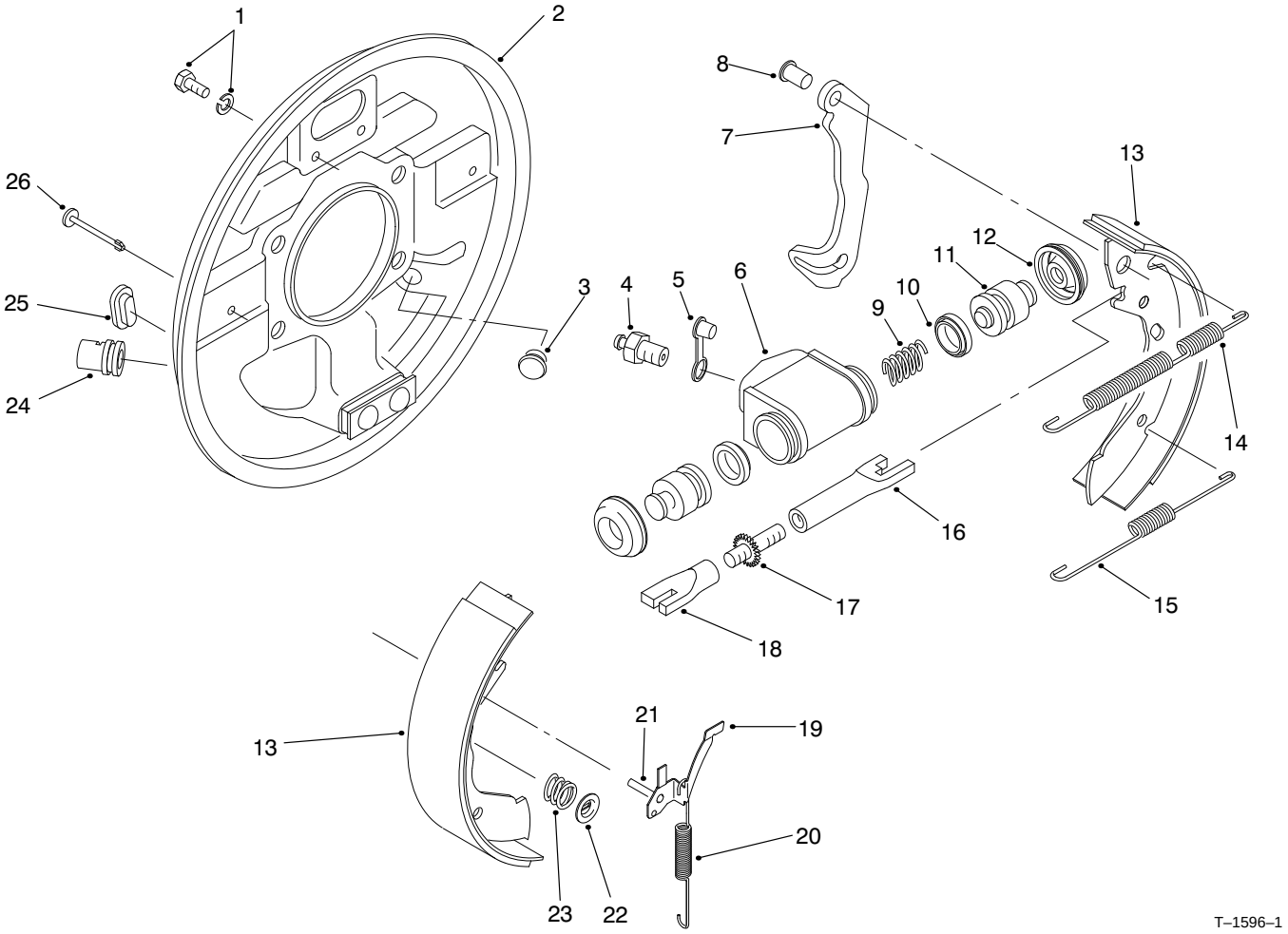
* Not Illustrated



Front Wheel Assembly

Ref. No.	Part No.	Qty.	Description
1	241–119	2	Cap–Dust
2	3220–7	2	Nut–Jam
3	93–0309	2	Washer–Tab
4	23–7270	10	Nut–Lug
5	98–2977	2	Tire & Wheel ASM
6	87–0270	2	Drum–Brake
7	87–5560	2	Hub–Wheel
8	87–8730	10	Stud–Drive
9	87–3010	1	RH Brake ASM
10	87–3020	1	LH Brake ASM
11	323–8	8	Screw–HH
12	3253–21	8	Washer–Lock
13	87–9430	1	Spindle–RH
14	87–9440	1	Spindle–LH
15	87–3580	2	Retainer
16	87–2820	2	Bracket–Hose
17	3296–39	8	Nut–Lock
18	87–2410	2	Rod–Tie
19	3218–21	2	Nut–Jam
20	87–1470	2	LH Thread Rod End ASM (Incl. Ref.#32–35)
21	3220–11	2	Nut–Jam
22	87–1480	2	RH Thread Rod End ASM (Incl. Ref.#32–35)
23	87–3450	2	Plug
24	87–3310	2	Clip–Brake, Cable
25	87–3590	2	Seal–Bearing
26	254–106	2	Cone–Bearing
27	254–107	2	Cup–Bearing
28	254–72	2	Cup–Bearing
29	254–94	2	Cone–Bearing
30	3272–12	2	Pin–Cotter
31	93–0307	2	Nut–Retainer
32	302–5	4	Fitting–Grease
33	32136–3	4	Nut–Slotted
34	3272–12	4	Pin–Cotter
35		4	Seal–End, Rod
*	87–5340	4	Kit–Seal, Tie Rod End (Incl. Ref. #32–35)

* Not Illustrated



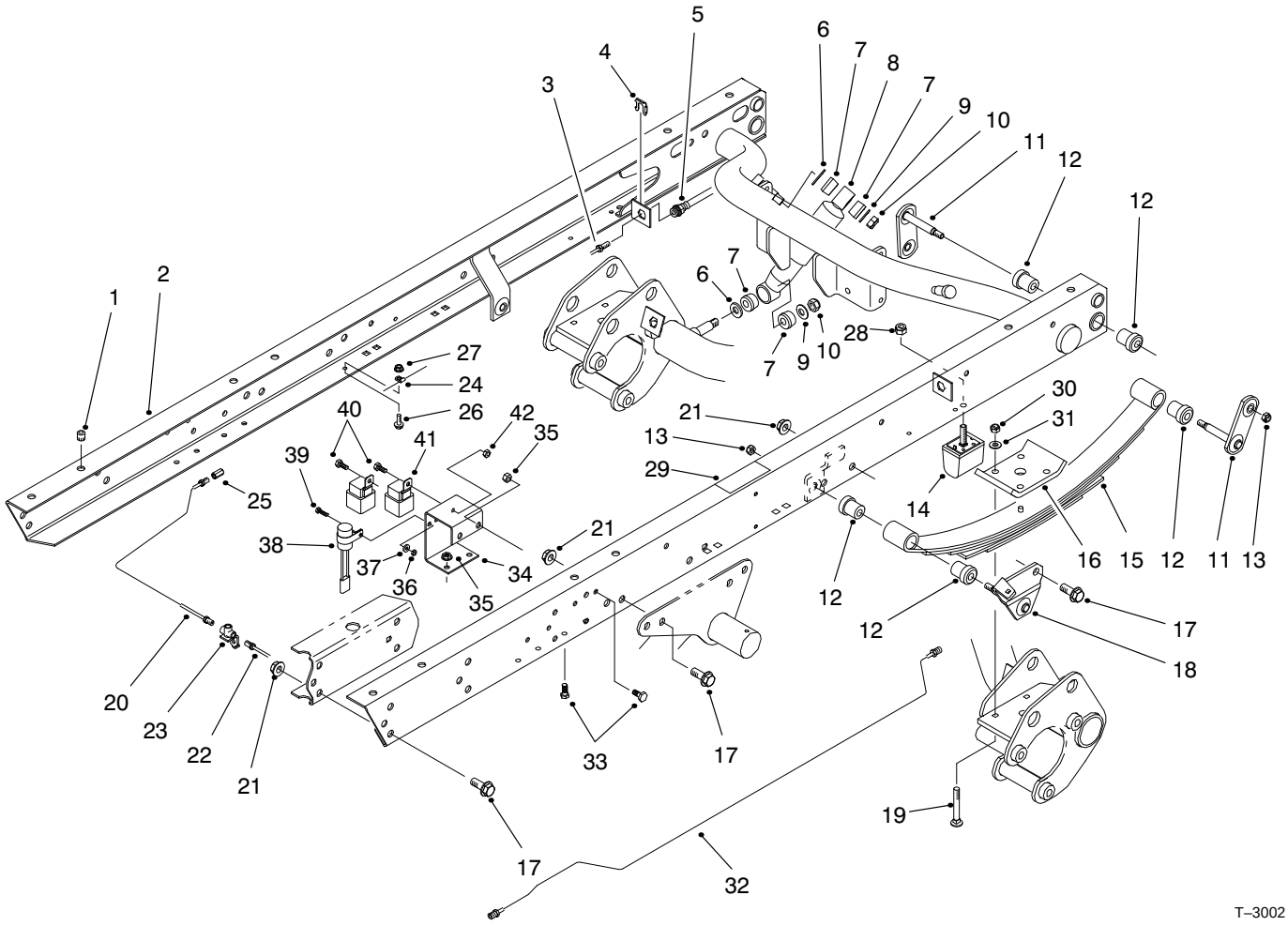
T–1596–1

Front Brake Assembly

Ref. No.	Part No.	Qty.	Description
1	92–4135	2	Bolt–Set
2	92–4115	1	LH Backplate ASM (Incl. Ref. #24)
*	92–4116	1	RH Backplate ASM (Incl. Ref. #24)
3	92–4125	1	Plug
4	92–4113	1	Screw–Bleed
5	92–4114	1	Cap–Screw, Bleed
6		1	Body
7		1	Lever–Oper., LH/RH
8		1	Pin
9		1	Spring
10		2	Seal–'L' Type
11		2	Piston
12		2	Cover–Dust
13	92–4120	1	Set–Shoe & Lining (Incl. Ref. #7 & 8)
14	92–4126	1	Spring–Shoe, LH Up.
*	92–4127	1	Spring–Shoe RH Up.
15	92–4128	1	Spring–Shoe, Lower
16		1	Pushrod–Female, LH
*		1	Pushrod–Female, RH
17		1	Bolt–Adjuster
18		1	Sleeve–Adjuster
19	92–4123	1	LH Pawl ASM (Incl. Ref. #21)

Ref. No.	Part No.	Qty.	Description
*	92–4124	1	RH Pawl ASM (Incl. Ref. #21)
20	92–4129	1	Spring–Adjuster, LH
*	92–4130	1	Spring–Adjuster, RH
21		1	Pin–Pawl
22	92–4131	2	Washer–Hold Down
23	92–4132	2	Spring–Hold Down
24		1	Guide–Pipe
25	92–4134	1	Plug–Inspection
26	92–4133	2	Pin–Hold Down
*	92–4121	1	LH Adjuster ASM (Inc. Ref. #16–18)
*	92–4122	1	RH Adjuster ASM (Incl. Ref. #16–18)
*	92–4117		LH Wheel Cylinder ASM (Incl. Ref. #4–6 & 9–12)
*	92–4118	1	RH Wheel Cylinder ASM (Incl. Ref. #4–6 & 9–12)
*	92–4119	1	Kit–Seal (Incl. Ref. #10 & 12)
*	87–3010	1	RH Front Brake ASM (Complete)
*	87–3020	1	LH Front Brake ASM (Complete)

* Not Illustrated



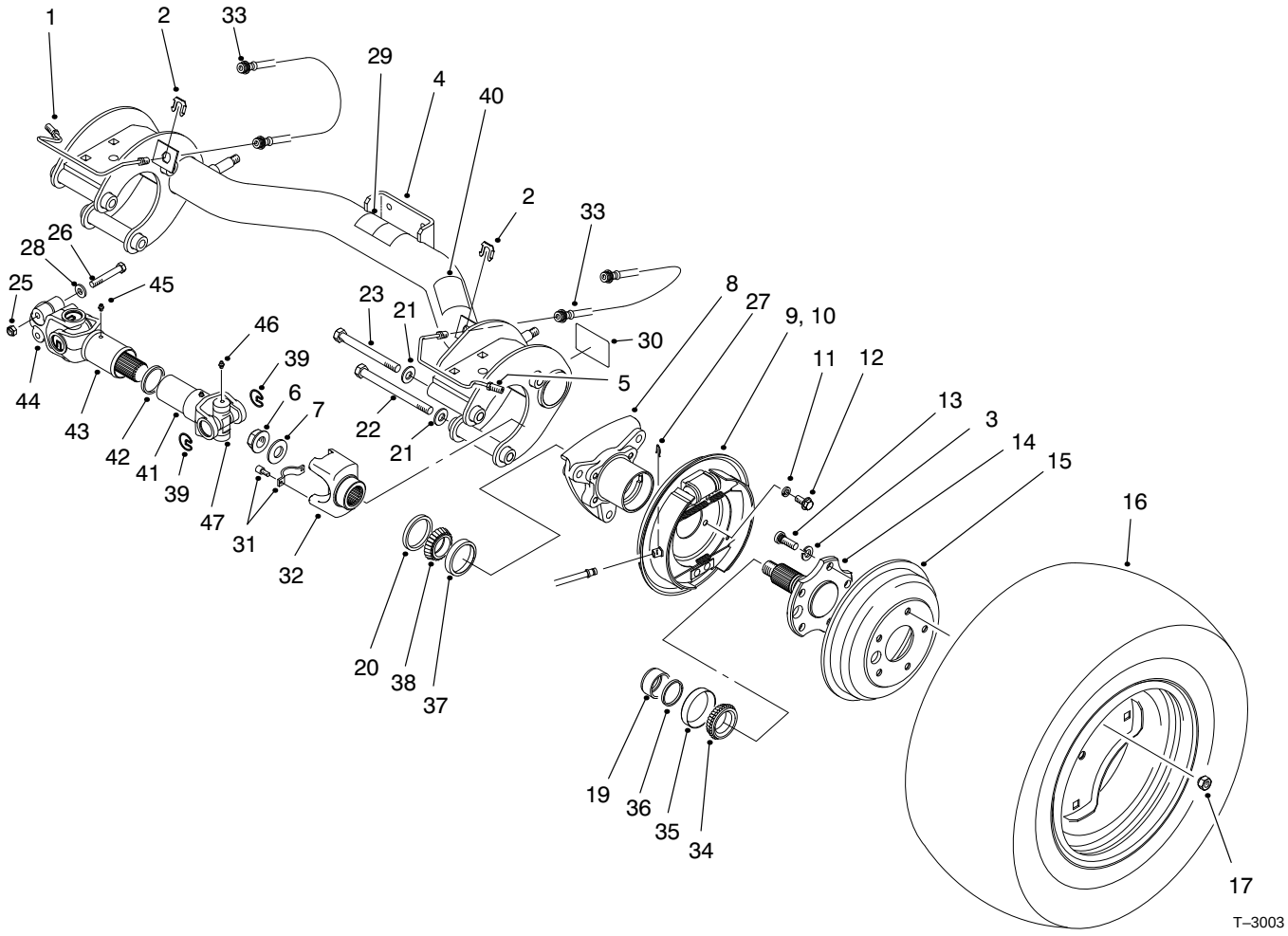
Rear Frame and Relay Assembly

Ref. No.	Part No.	Qty.	Description
1	32148–9	8	Insert–Threaded
2	87–8440	1	Rear Frame ASM (Incl. Ref. #29)
3	94–3846	1	Tube–Brake, RH
*	94–3844	1	Tube–Brake, LH
4	87–3580	2	Retainer
5	87–4100	2	Hose–Brake
6	3256–27	4	Washer–Flat
7	87–3920	8	Bushing–Rubber
8	87–3110	2	Absorber–Shock
9	3256–6	4	Washer–Flat
10	3296–23	4	Nut–Lock
11	87–3980	4	Shackle–Spring
12	87–4760	12	Bushing
13	3296–39	6	Nut–Lock
14	87–3470	2	Bumper–Spring
15	87–1490	2	Spring–Leaf
16	87–7470	2	Plate–Clamp
17	3234–38	24	Screw–HFH
18	87–3960	1	Mount–Spring, LH
*	87–3940	1	Mount–Spring, RH
19	3232–17	8	Bolt–CARR
20	94–3845	1	Tube–Brake, RH
21	32128–23	24	Nut–HHF
22	94–3843	1	Tube–Brake, LH
23	87–3560	1	Tee–Tube, Brake

Ref. No.	Part No.	Qty.	Description
24	2412–149	4	Clamp–Tube
25	87–3570	2	Union–Line, Brake
26	3234–4	3	Screw–HH
27	32128–33	4	Nut–HHF
28	48–9520	2	Nut–Lock
29	66–6840	1	Decal–Surface, Hot
30	3296–76	8	Nut–Lock
31	87–7480	8	Washer–Flat
32	94–3844	1	LH Rear Brake Tube ASM
33	322–3	4	Screw–HH
34	99–1075	1	Bracket–Mount, Relay
35	32128–20	4	Nut–HFH
36	3296–12	1	Nut–Lock
37	3256–14	1	Washer–Flat
38	99–1063	1	Timer–Delay
39	32105–13	1	Screw–Machine
40	321–3	2	Screw–HH
41	70–1480	2	Relay–Sealed
42	3296–42	2	Nut–Lock

* Not Illustrated

3323–251

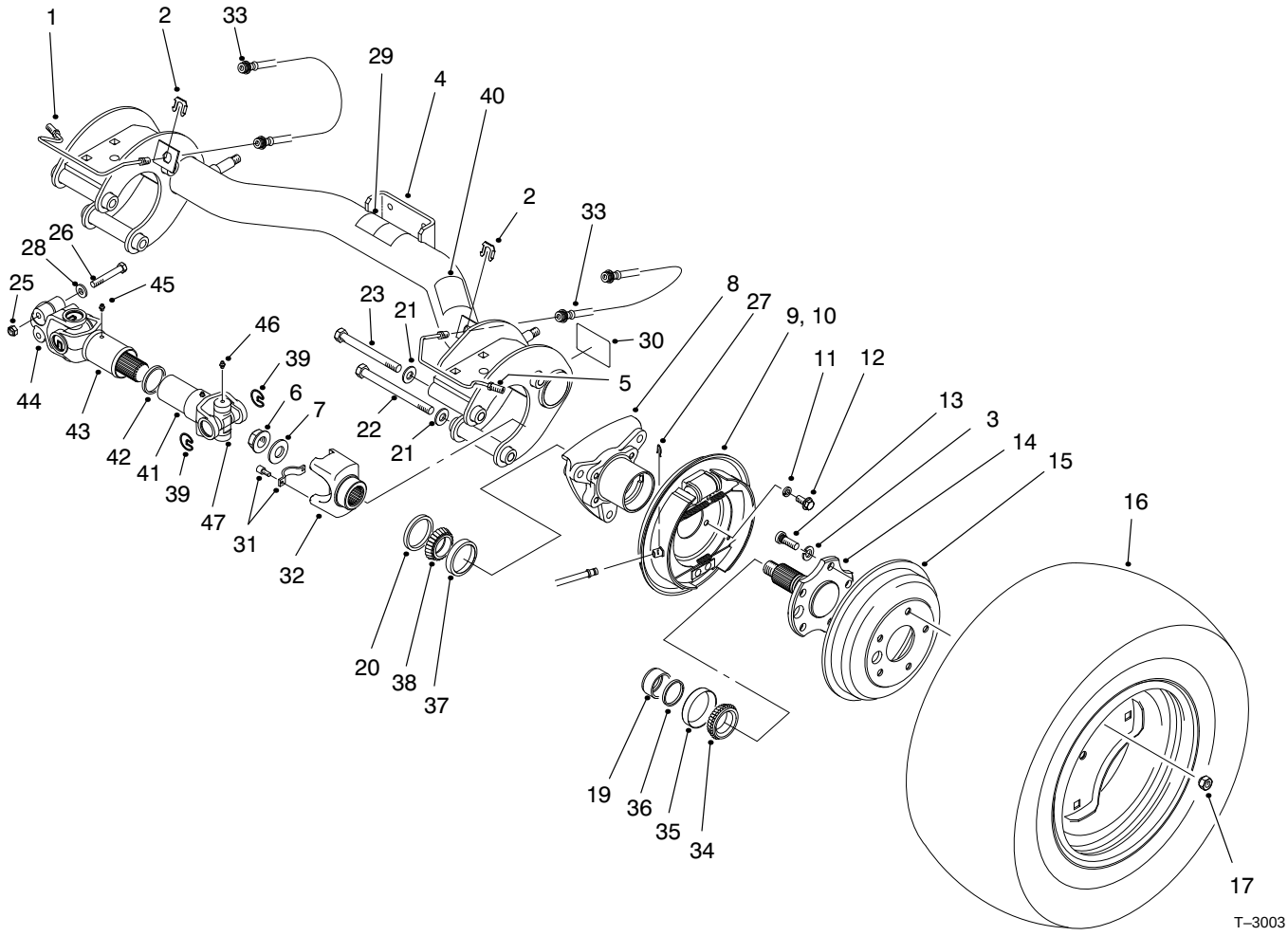


Rear Axle Assembly

Ref. No.	Part No.	Qty.	Description
1	87–4090	1	Tube–Brake RH
2	87–3580	2	Retainer–Hose, Brake
3	3253–6	10	Washer–Lock
4	87–7110	1	Rear Axle ASM (Incl. Ref.#29, 30 & 40)
5	87–4080	1	Tube–Brake, LH
6	32128–53	2	Nut–HHF
7	87–3060	2	Washer–Flat
8	87–2240	2	Housing–Axle
9	99–9416	1	LH Brake ASM
10	99–9417	1	RH Brake ASM
11	3253–21	8	Washer–Lock
12	323–6	8	Screw–HH
13	87–2080	10	Stud–Drive
14	93–7090	2	Stub–Axle
15	93–7128	2	Drum–Brake
16	98–2978	2	Tire & Wheel ASM
17	23–7270	10	Nut–Lug
*18	87–1970	2	Bearing–Matched 1 Set per wheel. (Incl. Ref. #34–38)
19	87–4060	2	Spacer–Bearing
20	87–3590	2	Seal–Bearing
21	87–7270	6	Washer–Flat
22	325–20	5	Screw–HH
23	325–19	1	Screw–HH

Ref. No.	Part No.	Qty.	Description
*24	98–2918	2	Driveshaft ASM (Incl. Ref.#39 & 41–47)
25	32128–36	4	Nut–Lock
26	98–2939	4	Screw–HH
27	87–3310	2	Clip–Brake Cable
28	80–6990	4	Washer
29	87–6060	1	Decal–ATF
30	87–9080	2	Decal–Grease
31	92–4189	2	Kit–Strap & Bolt
32	92–4190	2	Yoke–End
33	87–4100	2	Hose–Brake
†34		2	Cone–Bearing
†35		2	Cup–Bearing
†36		2	Spacer
†37		2	Cup–Bearing
†38		2	Cone–Bearing
39	92–4188	12	Ring–Snap
40	87–5990	1	Decal–PTO
41	92–4182	2	Yoke & Hub
42	92–4180	2	Seal
43	92–4179	2	Yoke–Tube, Shaft & Seal
44	98–2940	2	Yoke–Clamp, Double
45	302–5	2	Fitting–Grease
46	302–58	16	Fitting–Grease
47	92–4187	4	Kit–Cross & Bearing

* Not Illustrated
† Not Serviced Separately.



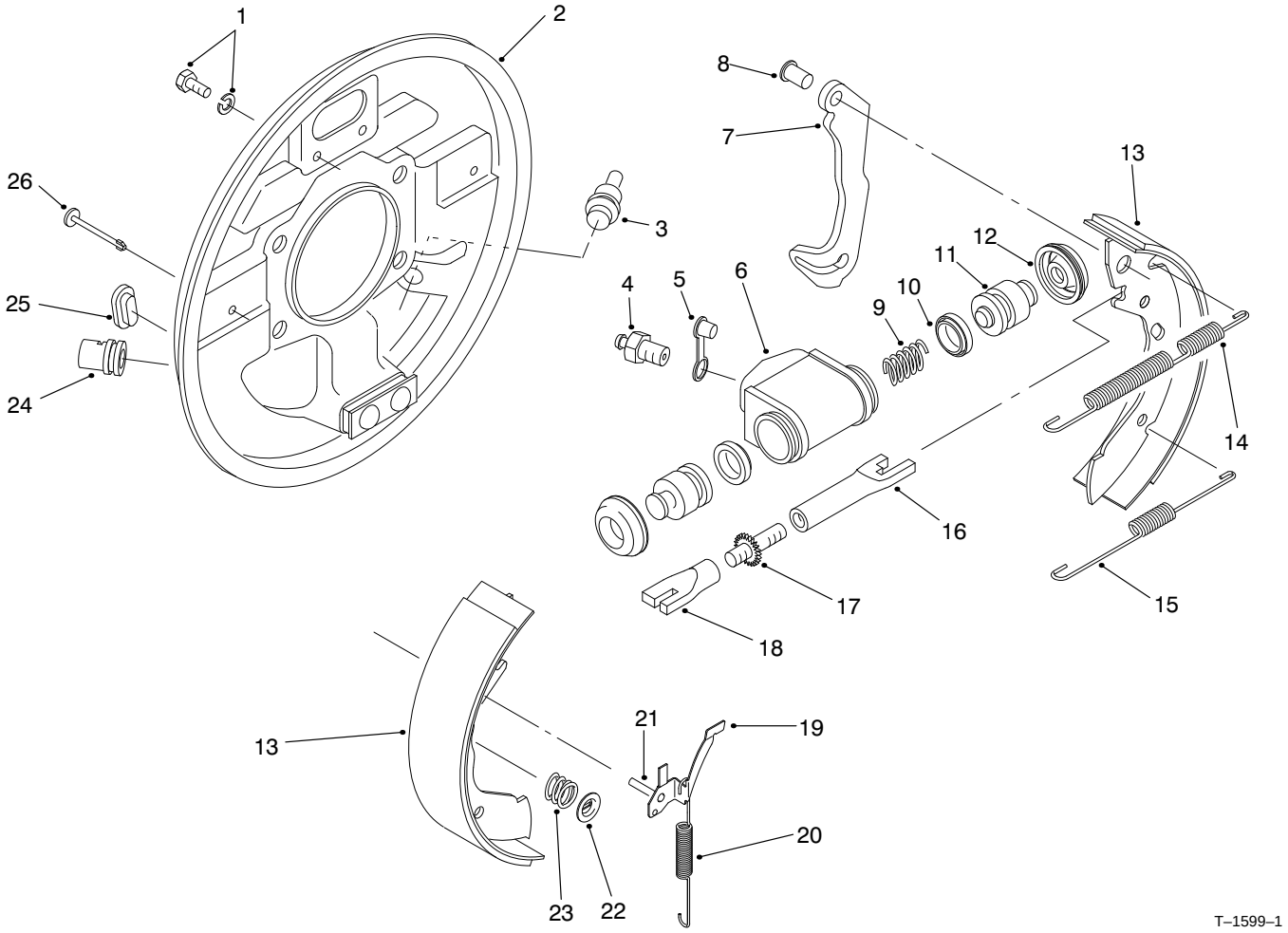
Rear Axle Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
*	98–2969	2	Kit–1/2 Yoke (Incl. Ref. #31 & 32)
*	98–2967	2	Kit–Driveshaft ASM (Incl. Ref. #*24 & 26)
*	98–2968	2	Kit–Yoke (Incl. Ref. #26 & 44)

Ref. No.	Part No.	Qty.	Description

* Not Illustrated
† Not Serviced Separately.

3323–251



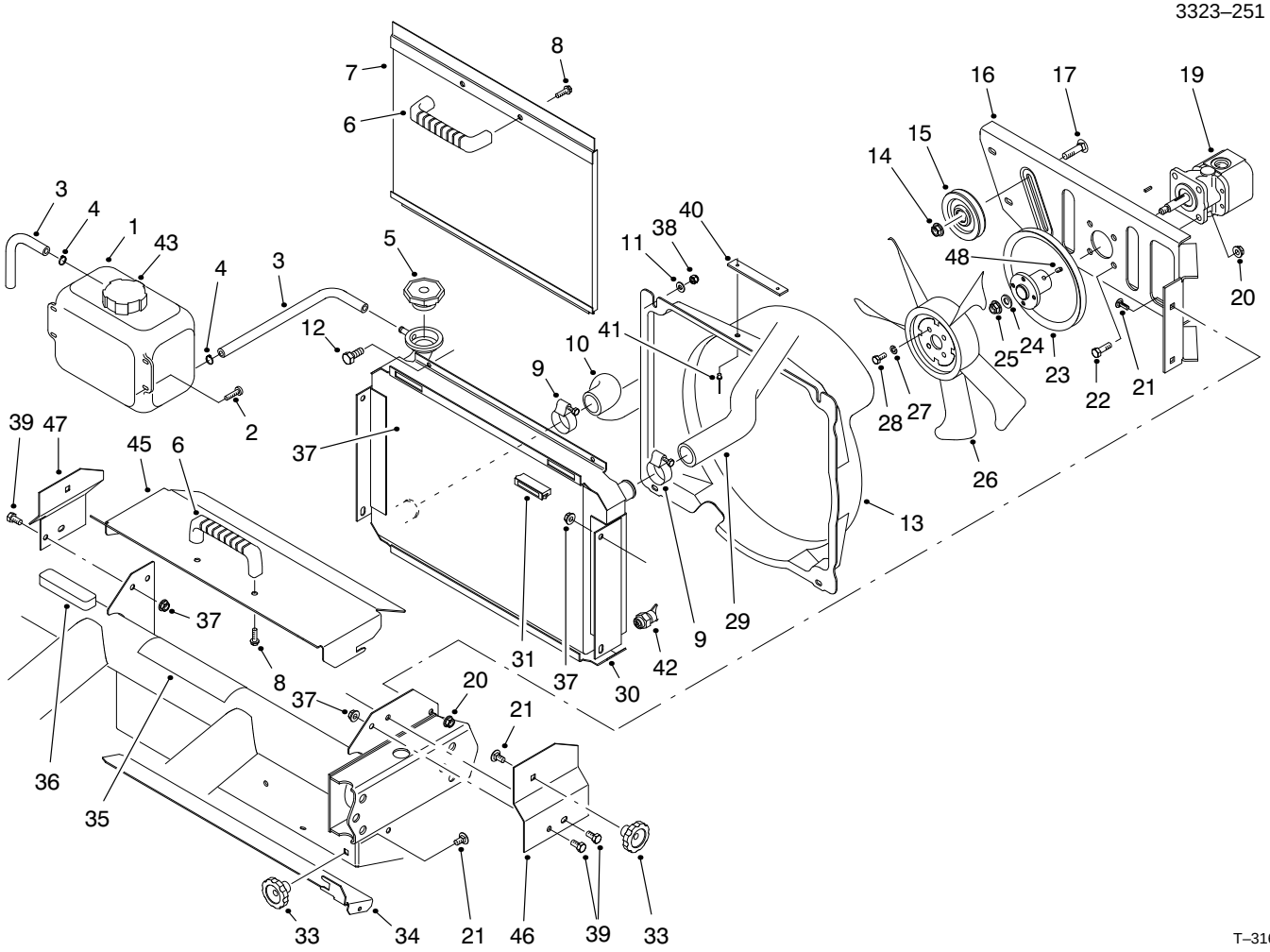
T–1599–1

Rear Brake Assembly

Ref. No.	Part No.	Qty.	Description
1	92–4135	2	Bolt–Set
2	92–4136	1	LH Backplate ASM (Incl. Ref. #24)
*	92–4100	1	RH Backplate ASM (Incl. Ref. #24)
3	92–4146	1	Plug
4	92–4137	1	Screw–Bleed
5	92–4114	1	Cap–Screw, Bleed
6		1	Body
7		1	Lever–Oper., LH/RH
8		1	Pin
9		1	Spring
10		2	Seal–'L' Type
11		2	Piston
12		2	Cover–Dust
13	92–4143	1	Set–Shoe & Lining (Incl. Ref. #7 & 8)
14	92–4147	1	Spring–Shoe, Up., LH
*	92–4148	1	Spring–Shoe, Up., RH
15	92–4149	1	Spring–Shoe, Lower
16		1	Pushrod–Female, LH
*		1	Pushrod–Female, RH
17		1	Bolt–Adjuster
18		1	Sleeve–Adjuster
19	92–4123	1	LH Pawl ASM (Incl. Ref. #21)

Ref. No.	Part No.	Qty.	Description
*	92–4124	1	RH Pawl ASM (Incl. Ref. #21)
20	92–4150	1	Spring–Adjuster, LH
*	92–4151	1	Spring–Adjuster, RH
21		1	Pin–Pawl
22	92–4131	2	Washer–Hold Down
23	92–4152	2	Spring–Hold Down
24		1	Guide–Pipe
25	92–4134	1	Plug–Inspection
26	92–4133	2	Pin–Hold Down
*	92–4144	1	LH Adjuster ASM (Inc. Ref. #16–18)
*	92–4145	1	RH Adjuster ASM (Incl. Ref. #16–18)
*	92–4118	1	LH Wheel Cylinder ASM (Incl. Ref. #4–6 & 9–12)
*	92–4117	1	RH Wheel Cylinder ASM (Incl. Ref. #4–6 & 9–12)
*	92–4142	1	Kit–Seal (Incl. Ref. #10 & 12)
*	93–7125	1	RH Rear Brake ASM (Complete)
*	93–7126	1	LH Rear Brake ASM (Complete)

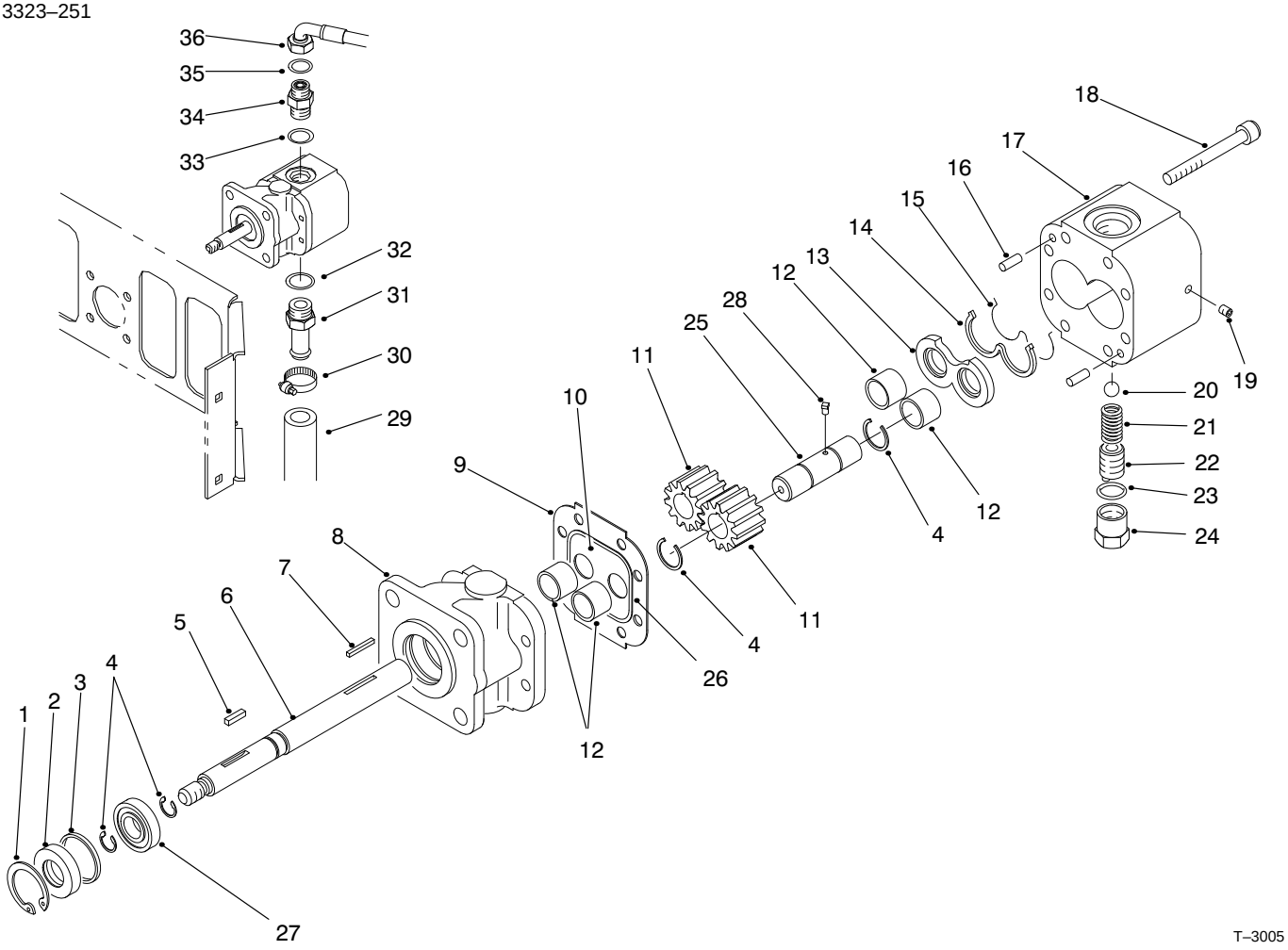
* Not Illustrated



Radiator and Hydraulic Pump Assembly

Ref. No.	Part No.	Qty.	Description
1	87–3710	1	Overflow Reservoir ASM (Incl. Ref. #43)
2	3250–20	4	Screw–PH
3	71–3381	2	Tube–Overflow
4	92–2379	2	Clamp–Hose
5	66–3240	1	Cap–Radiator
6	65–5100	2	Handle
7	93–7103	1	Screen–Radiator
8	46–8091	4	Screw–HFH
9	2412–34	2	Clamp–Hose
10	87–5050	1	Hose–Radiator, Lower
11	3256–22	4	Washer–Flat
12	321–4	4	Screw–HH
13	92–4198	1	Fan Shroud ASM (Incl. Ref. #40 & 41)
14	3290–357	1	Nut–HFH
15	63–8140	1	Pulley
16	93–7088	1	Support–Fan
17	3231–28	1	Bolt–CARR
19	99–1054	1	Hydraulic Pump ASM
20	3296–29	8	Nut–HFH
21	3230–23	7	Bolt–CARR
22	322–5	4	Screw–HH
23	94–5228	1	Pulley
24	3256–45	1	Washer–Flat
25	3296–5	1	Nut–HFH

Ref. No.	Part No.	Qty.	Description
26	43–1911	1	Fan
27	3253–3	4	Washer–Lock
28	321–3	4	Screw–HH
29	87–3430	1	Hose–Radiator, Upper
30	93–7050	1	Radiator ASM (Incl. Ref. #42)
31	58–4250	2	Magnet
33	19–4050	3	Knob
34	87–9300	1	Door–Out, Clean
35	87–9420	1	Decal–Caution
36	87–9810	1	Foam–Tank, Overflow
37	32128–20	6	Nut–HFH
38	3296–42	4	Nut–Lock
39	322–2	6	Screw–HH
40	76–8750	1	Plate–Warning
41	3290–271	2	Rivet–Pop
42	92–4111	1	Petcock–Radiator
43	87–7050	1	Cap–Reservoir
45	93–8940	1	Cover–Radiator
46	93–8938	1	Bracket–Cover, LH
47	93–8939	1	Bracket–Cover, RH
48	3245–31	1	Screw–Set

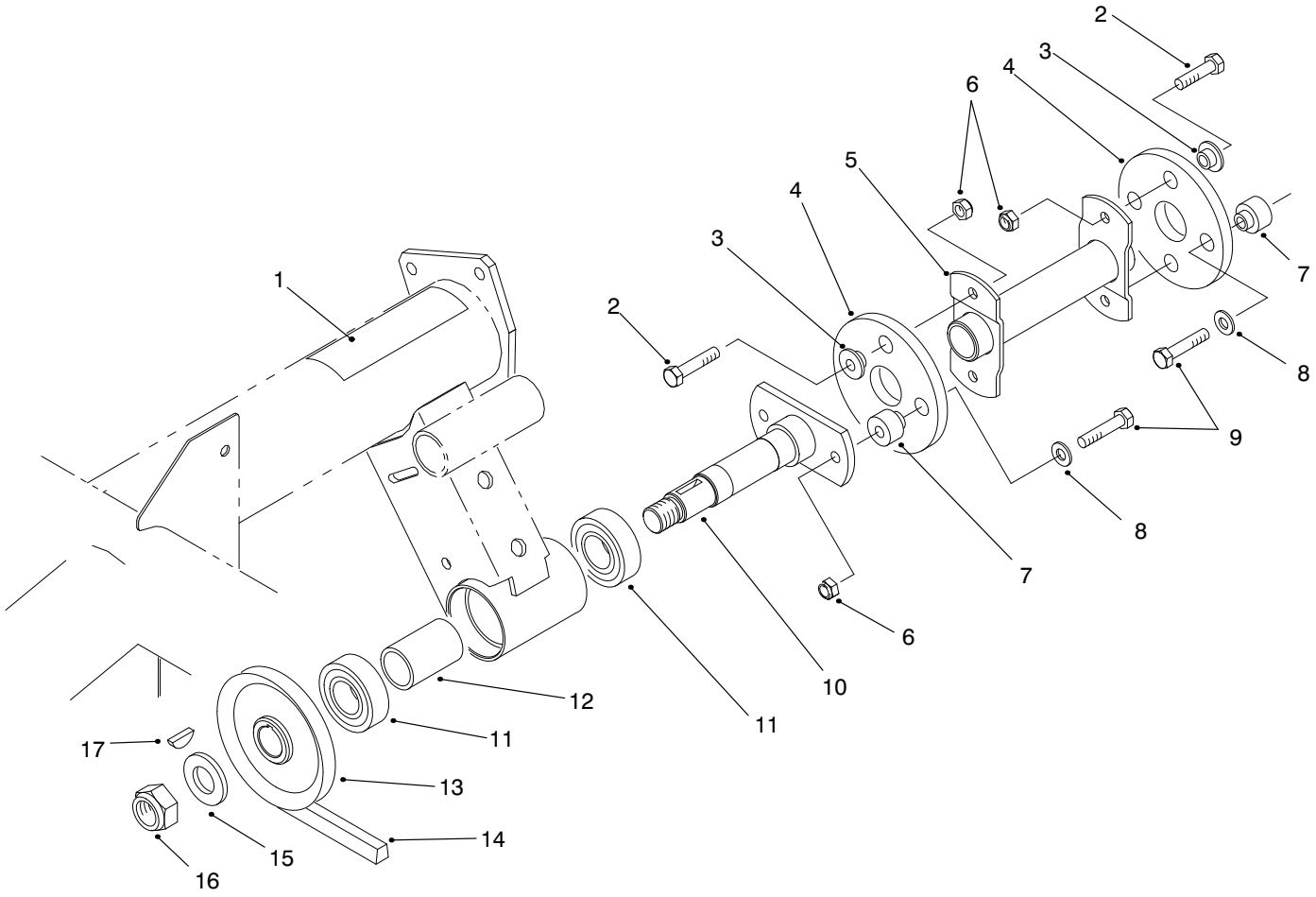


Hydraulic Pump Assembly No. 99–1054

Ref. No.	Part No.	Qty.	Description
1	32151–41	1	Ring–Retaining
2	92–2195	1	Seal–Oil
3	92–2186	1	Spacer
4	92–2178	4	Ring–Crescent
5	92–2179	1	Key–Square
6	92–2189	1	Shaft–Drive
7	92–2177	1	Pin–Shear
†8		1	Stator
9	92–2182	1	Plate–Seal
10	92–2183	1	Plate–Wear
11	92–2175	2	Gear
12	92–2192	4	Bearing
13	92–2181	1	Plate–Pressure
14	92–2197	1	Seal–Back Up
15	92–2196	1	Seal–Plate, Pressure
16	92–2176	2	Pin–Dowel
17	92–2187	1	Housing–Gear, End
18	92–2173	8	Screw–CSH
19	92–2185	1	Plug
20	92–2193	1	Ball
21	99–1060	1	Spring
22	92–2174	1	Screw–Adjusting
23	92–2180	1	Gasket–Copper
24	92–2184	1	Cap–Valve, Relief
25	92–2190	1	Shaft–Idler
26	92–2198	1	Seal

Ref. No.	Part No.	Qty.	Description
27	92–2191	1	Bearing
28	92–2199	1	Key–Ball
29	87–3670	1	Hose–Suction
30	2412–34	1	Clamp
31	354–136	1	Fitting–Straight
32	340–7	1	O–Ring
33	237–79	1	O–Ring
34	340–3	1	Fitting–Adapter
35	237–22	1	O–Ring
36	99–1053	1	Hose ASM

† Not Serviced Separately.

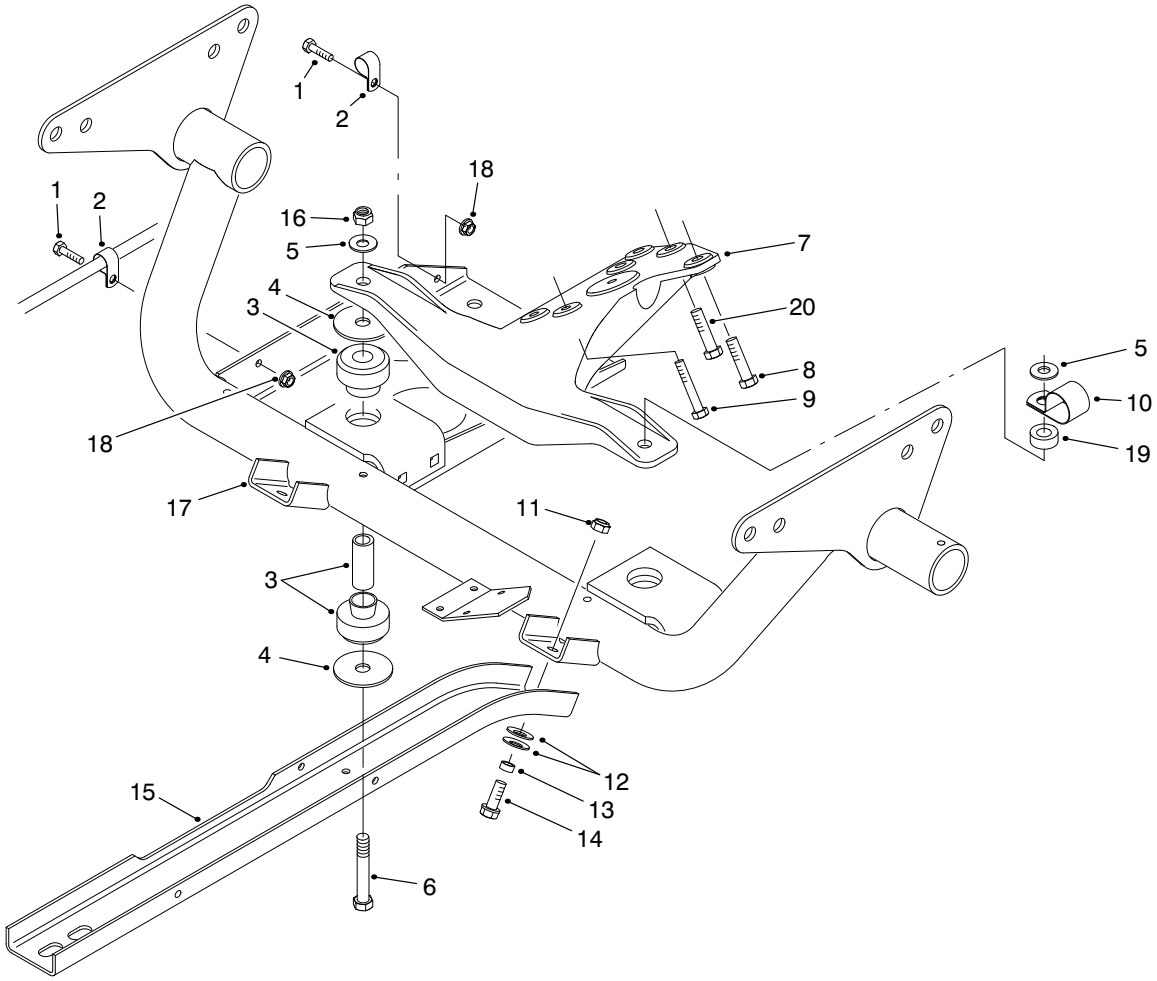


T–1660

Hydraulic Pump Drive Assembly

Ref. No.	Part No.	Qty.	Description
1	80–8040	1	Decal–Caution
2	322–5	4	Screw–HH
3	27–6600	4	Spacer–Thin
4	44–2230	2	Disc–Rubber
5	87–4440	1	Driveshaft
6	3296–29	6	Nut–Lock
7	27–6590	4	Spacer–Thick
8	3256–3	4	Washer–Flat
9	322–7	4	Screw–HH
10	87–2720	1	Driveshaft
11	251–82	2	Bearing–Ball
12	87–2750	1	Spacer–Bearing
13	87–3370	1	Pulley
14	87–3210	1	Belt–V
15	3256–28	1	Washer–Flat
16	3296–15	1	Nut–Lock
17	3257–7	1	Key–Woodruff

Ref. No.	Part No.	Qty.	Description

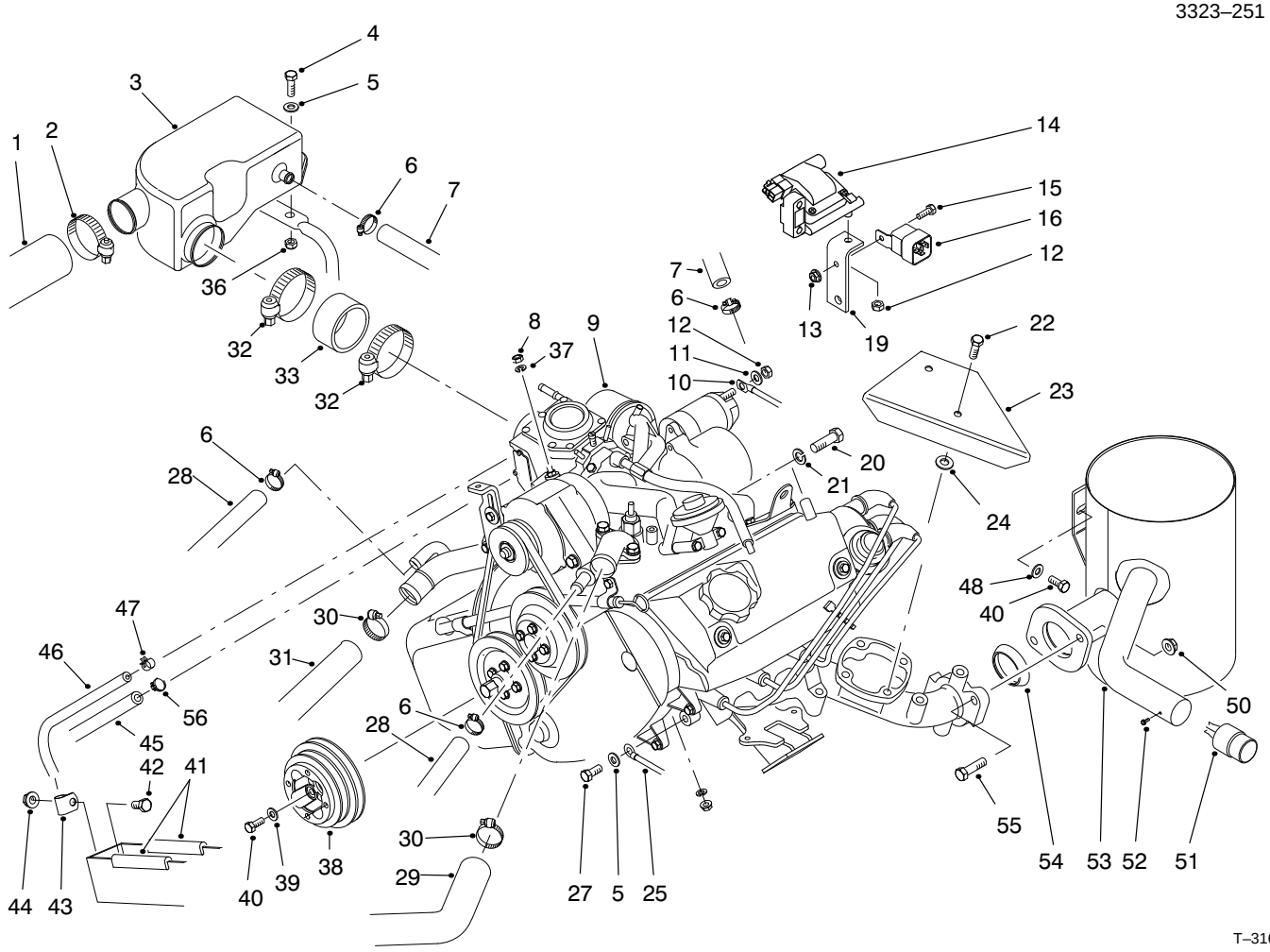


T–1603–1

Engine Frame Assembly

Ref. No.	Part No.	Qty.	Description
1	321–4	2	Screw–HH
2	2412–89	2	Clamp–R
3	87–4970	2	Engine Mount ASM
4	87–5100	4	Washer–Flat
5	3256–25	2	Washer–Flat
6	324–19	2	Screw–HH
7	87–9830	1	Mount–Engine
8	87–3700	3	Screw–HH
9	33114–050	3	Screw–HH
10	2412–82	1	Clamp–R
11	3296–39	6	Nut–Lock
12	3290–413	12	Washer–Belleville
13	76–9100	6	Spacer
14	3234–11	6	Screw–HH
15	87–4730	2	Guard–Belly
16	3296–48	2	Nut–Lock
17	93–7095	1	Frame–Engine
18	32128–33	2	Nut–HFH
19	59–2290	1	Spacer
20	43–0090	1	Screw–HH

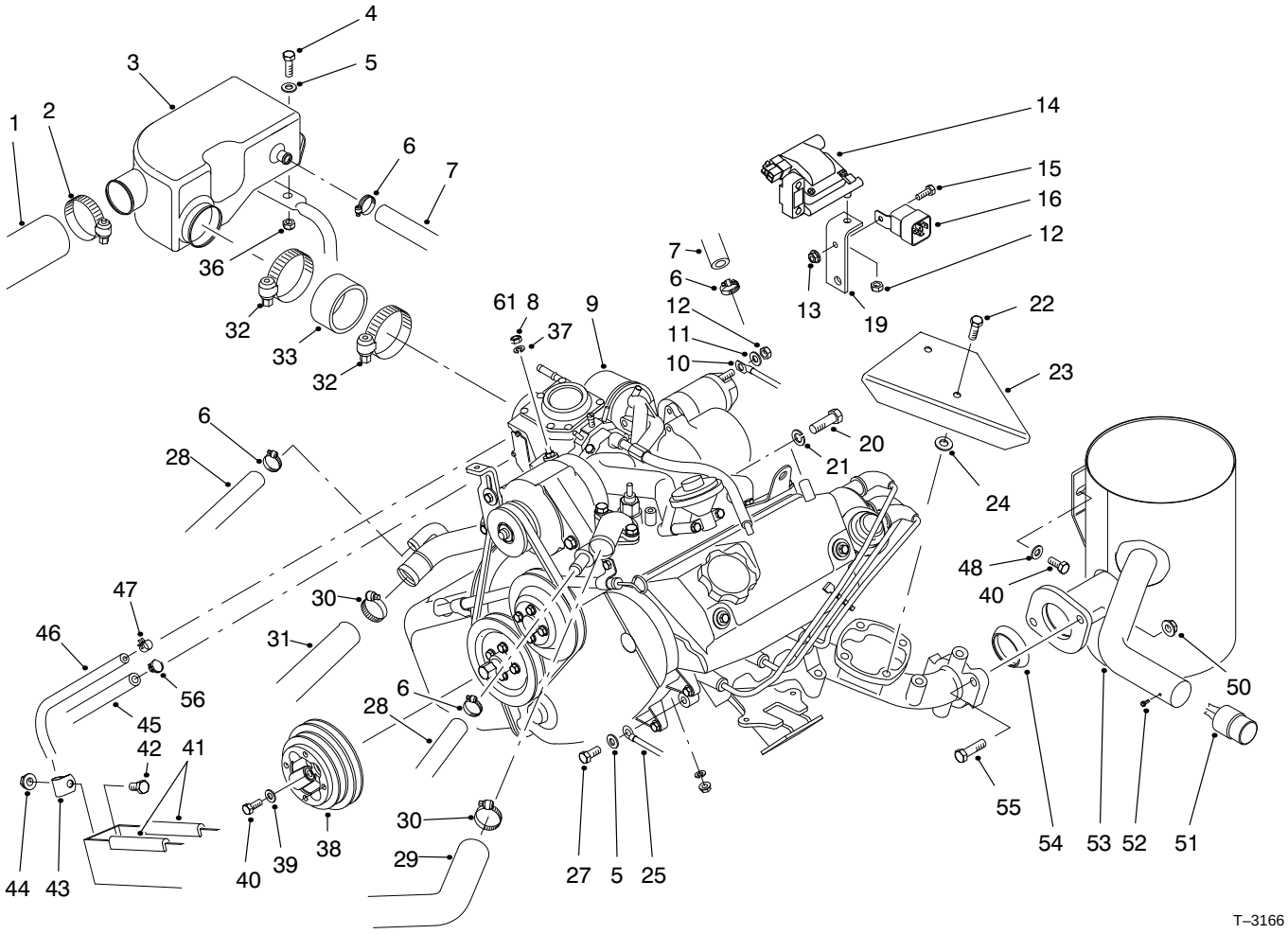
Ref. No.	Part No.	Qty.	Description



Engine Installation Assembly

Ref. No.	Part No.	Qty.	Description
1	87–3420	1	Hose–Cleaner, Air
2	2412–92	1	Clamp–Hose
3	87–1680	1	Chamber–Air
4	322–6	2	Screw–HH
5	3256–23	2	Washer–Flat
6	2412–119	3	Clamp–Hose
7	87–3740	1	Hose–Breather
8	48–7890	1	Nut–Hex
9	94–5249	1	Engine ASM
		1	(Incl. Ref.#11, 12 & 14)
10	87–3070	1	Cable–Positive
11	3254–2	1	Washer–Lock
12	33014–00	2	Nut–Hex
13	32128–33	1	Nut–HFH
14	92–2027	1	Coil–Ignition
15	321–4	1	Screw–HH
16	70–1480	1	Relay
19	87–2760	1	Bracket–Coil, Ignition
20	33115–035	2	Screw–HH
21	3253–6	2	Washer–Lock
22	33114–025	2	Screw–HH
23	87–3620	1	Shield–Heat
24	52–2480	2	Spacer
25	87–3080	1	Wire–Ground

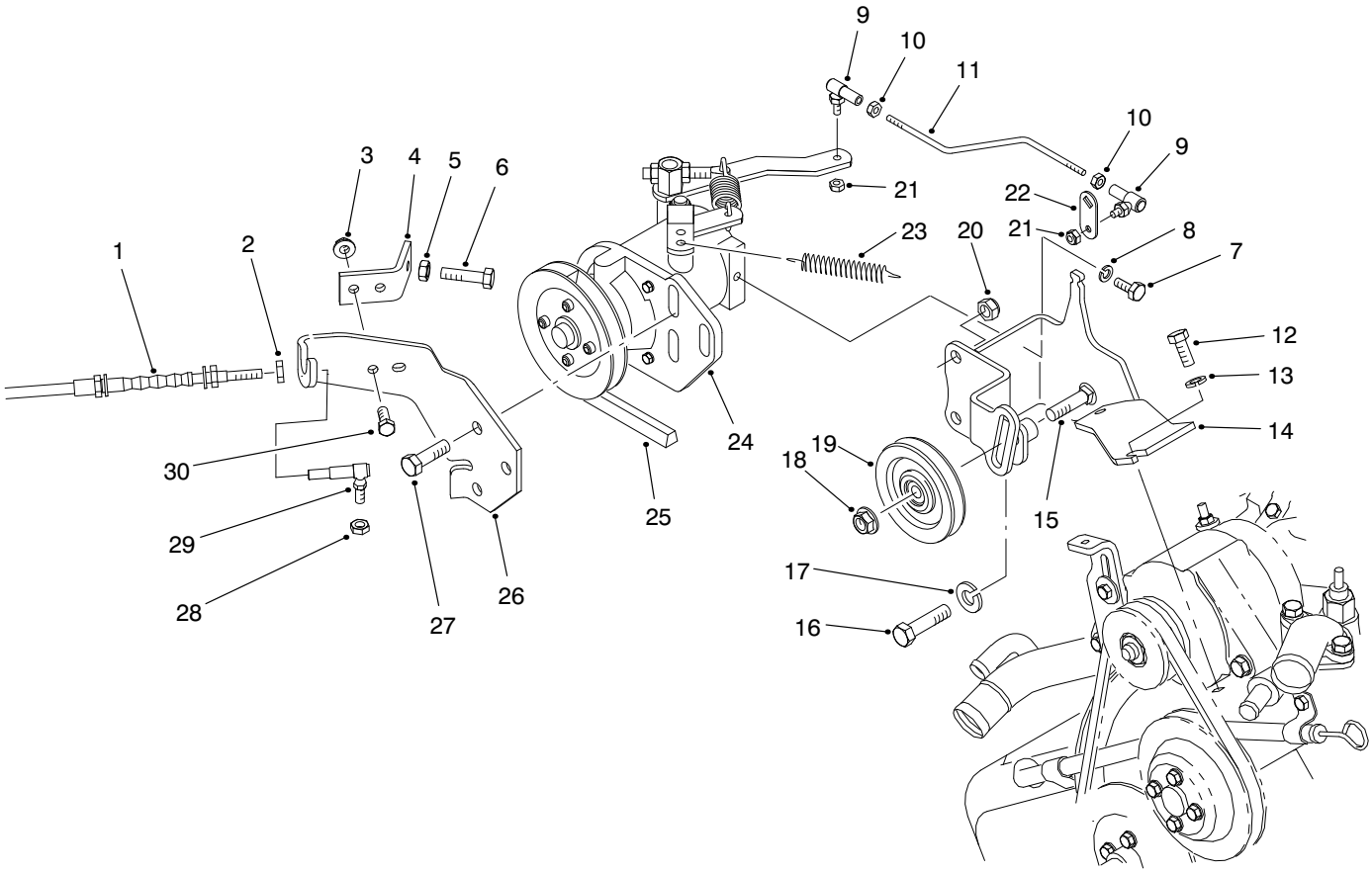
Ref. No.	Part No.	Qty.	Description
27	66–3160	1	Screw–HH
28	87–3730	2	Hose–Coolant
29	87–3430	1	Hose–Radiator, Upper
30	2412–34	2	Clamp–Hose
31	87–5050	1	Hose–Radiator, Lower
32	2412–130	2	Clamp–Hose
33	87–3500	1	Hose–Cleaner, Air
36	3296–29	2	Nut–Lock
37	3253–3	1	Washer–Lock
38	87–5070	1	Pulley–Crankshaft
39	65–5390	4	Washer–Flat
40	33114–020	6	Screw–HH
41	43–4300	2	Trim
42	322–2	1	Screw–HH
43	2412–10	1	Clamp–R
44	32128–20	1	Nut–HFH
45	94–9502	1	Hose–Fuel
46	93–2298	1	Hose–Fuel
47	2412–108	2	Clamp–Hose
48	87–8640	1	Washer–Flat
50	3290–357	2	Nut–HFH
51	75–6880	1	Arrestor–Spark (Optional) (Incl. Ref. #52)



Engine Installation Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
52	32144–42	1	Screw–Arrestor, Spark
53	87–1510	1	Muffler & Tailpipe
54	92–2044	1	Gasket–Exhaust
55	323–29	2	Screw–HH
56	2412–98	1	Clamp

Ref. No.	Part No.	Qty.	Description

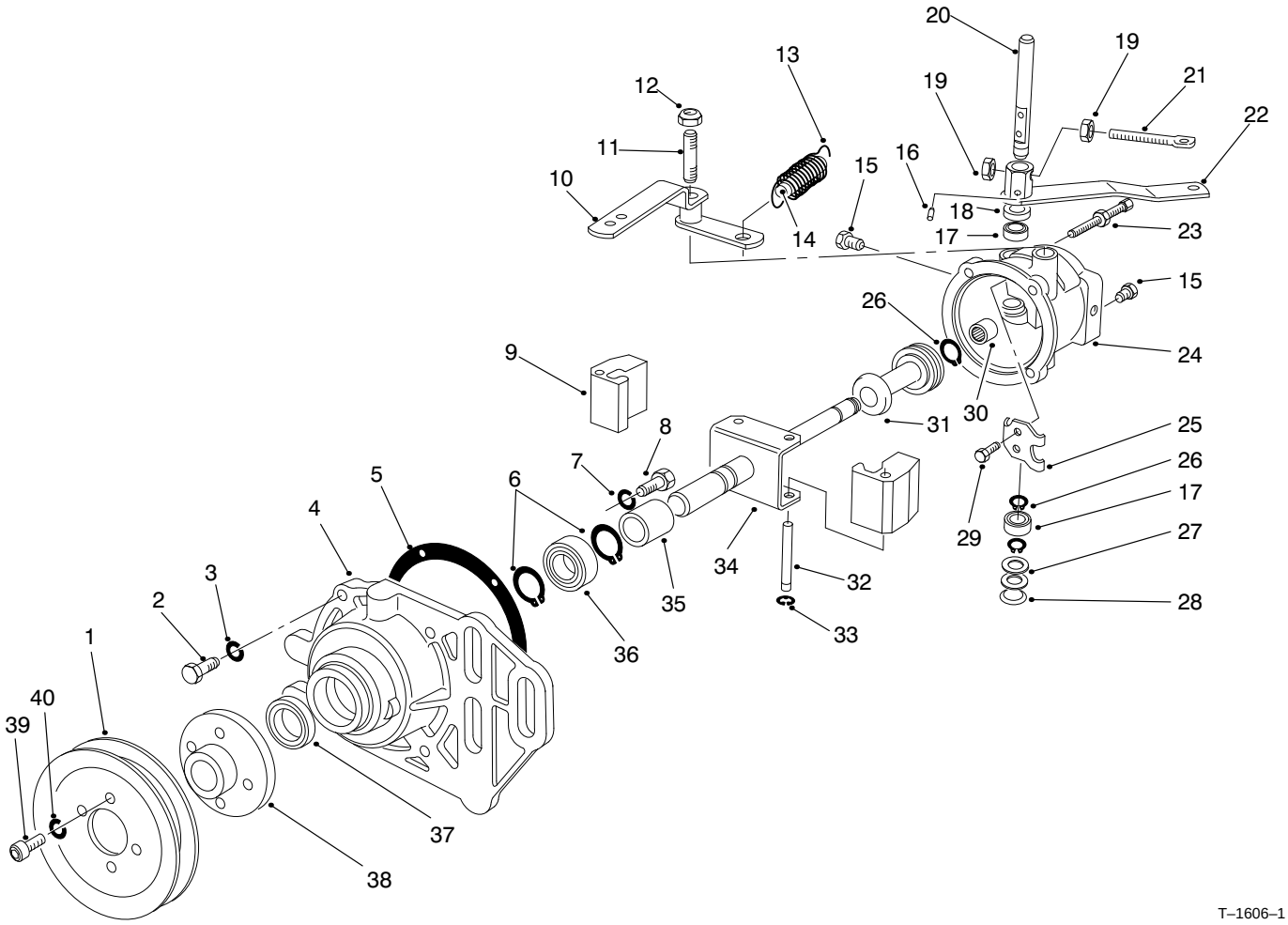


T–1605–1

Governor Assembly

Ref. No.	Part No.	Qty.	Description
1	94–3836	1	Accelerator Cable ASM (Incl. Ref. #2)
2	3220–1	1	Nut–Jam
3	32128–33	2	Nut–HFH
4	87–4770	1	Bracket–Stop, High Idle
5	3220–2	1	Nut–Jam
6	3210–9	1	Screw–HH
7	321–3	1	Screw–HH
8	3253–3	1	Washer–Lock
9	21–5640	2	Joint–Ball
10	3219–14	2	Nut–Jam
11	87–4210	1	Rod–Linkage
12	66–3160	2	Screw–HH
13	3253–4	2	Washer–Lock
14	87–4750	1	Bracket–Governor
15	3231–26	1	Bolt–CARR
16	87–3700	1	Screw–HH
17	3253–22	1	Washer–Lock
18	3290–357	1	Nut–Flange
19	63–8140	1	Pulley
20	3296–39	3	Nut–Lock
21	3296–27	2	Nut–Lock
22	87–2400	1	Lever–Throttle
23	87–4020	1	Spring–Extension
24	87–8720	1	Governor ASM

Ref. No.	Part No.	Qty.	Description
25	87–3200	1	Belt–V
26	87–3900	1	Bracket–Cable
27	323–7	3	Screw–HH
28	3296–3	1	Nut–Lock
29	18–1720	1	Joint–Ball
30	321–4	2	Screw–HH

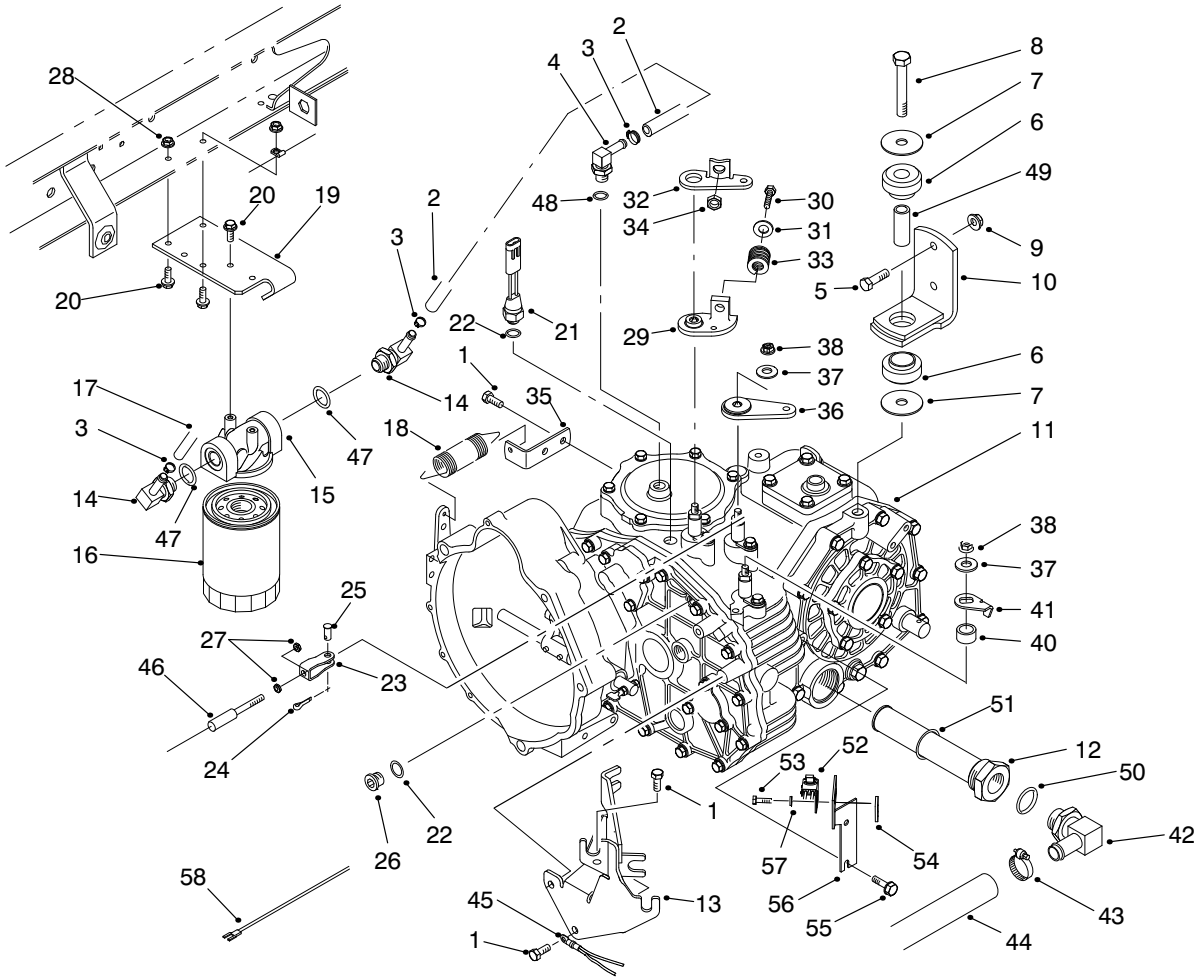


T–1606–1

Governor Assembly No. 87–8720

Ref. No.	Part No.	Qty.	Description
1	87–8830	1	Pulley
2	18–5620	4	Screw
3	18–5630	4	Washer–Lock
4	87–6560	1	Cover
5	18–5790	1	Gasket
6	18–5640	2	Ring–Retaining
7	18–5770	2	Washer–Lock
8	32113–14	2	Screw
9	70–2150	2	Flyweight
10	87–6590	1	Lever & Fitting ASM
11	87–6580	1	Stud–Lever, Pivot
12	3296–5	1	Nut–Lock
13	87–6490	1	Spring
14	87–6550	1	Pin–Idle, Forced
15	285–17	2	Plug–Pipe
16	18–5750	1	Pin
17	18–5450	2	Bearing
18	71–4780	1	Seal–Oil, Rocker Shaft
19	3219–2	2	Nut
20	72–5890	1	Shaft–Rocker
21	87–6540	1	Bolt–Eye
22	87–6530	1	Throttle Lever ASM
23	72–5910	1	Bumper Screw ASM
24	87–6520	1	Body
25	18–5520	1	Lever–Rocker
26	18–5540	3	Retainer–Stop, Sleeve

Ref. No.	Part No.	Qty.	Description
27	18–5440	2	Spacer
28	18–5430	1	Plug–Expansion
29	18–5530	2	Screw & Lockwasher
30	72–5940	1	Bearing–Needle
31	70–2100	1	Thrust Sleeve & Bearing ASM
32	18–5660	2	Pin–Pivot, Flyweight
33	18–5670	2	Retainer–Pin, Pivot
34	87–6510	1	Shaft & Yoke ASM
35	70–2120	1	Spacer
36	70–2140	1	Bearing–Front
37	18–5580	1	Seal–Oil, Front
38	87–8820	1	Hub–Pulley
39	3274–52	4	Screw–HH
40	3253–18	4	Washer–Lock

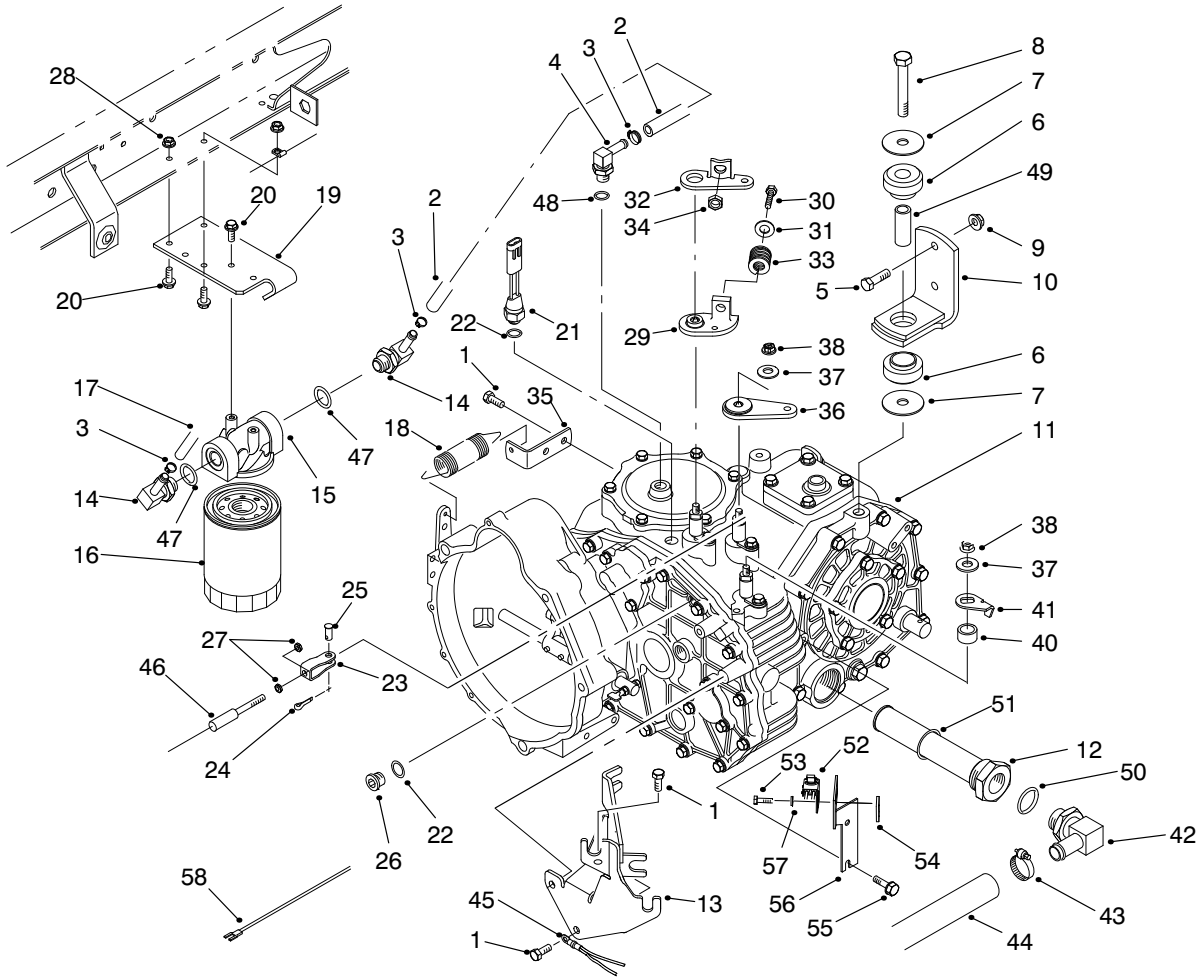


T–3167

Transaxle Installation Assembly

Ref. No.	Part No.	Qty.	Description
1	33114–020	5	Screw–HH
2	87–5730	1	Hose–Hydraulic
3	2412–36	3	Clamp–Hose
4	354–135	1	Fitting–Hydraulic 90° (Incl. Ref. #48)
5	323–7	4	Screw–HH
6	87–4970	2	Transaxle Mount ASM (Incl. Ref. #49)
7	87–5100	4	Washer–Snubbing
8	3215–1	2	Screw–HH
9	3296–39	4	Nut–HH
10	87–5800	2	Bracket–Mount
11	100–4463	1	Transaxle ASM
12	87–3990	1	Oil Strainer ASM (Incl. Ref. #51)
13	87–4820	1	Bracket–Cable
14	354–134	2	Fitting–Hydraulic 90° (Incl. Ref. #47)
15	87–8780	1	Head–Filter, Oil
16	54–0110	1	Element–Filter, Oil
17	99–1058	1	Hose ASM
18	68–9950	1	Spring–Extension
19	87–7040	1	Bracket–Filter, Oil
20	3234–4	4	Screw–HFH
21	72–4310	1	Switch–Ball, N.C.
22	237–30	2	O–Ring

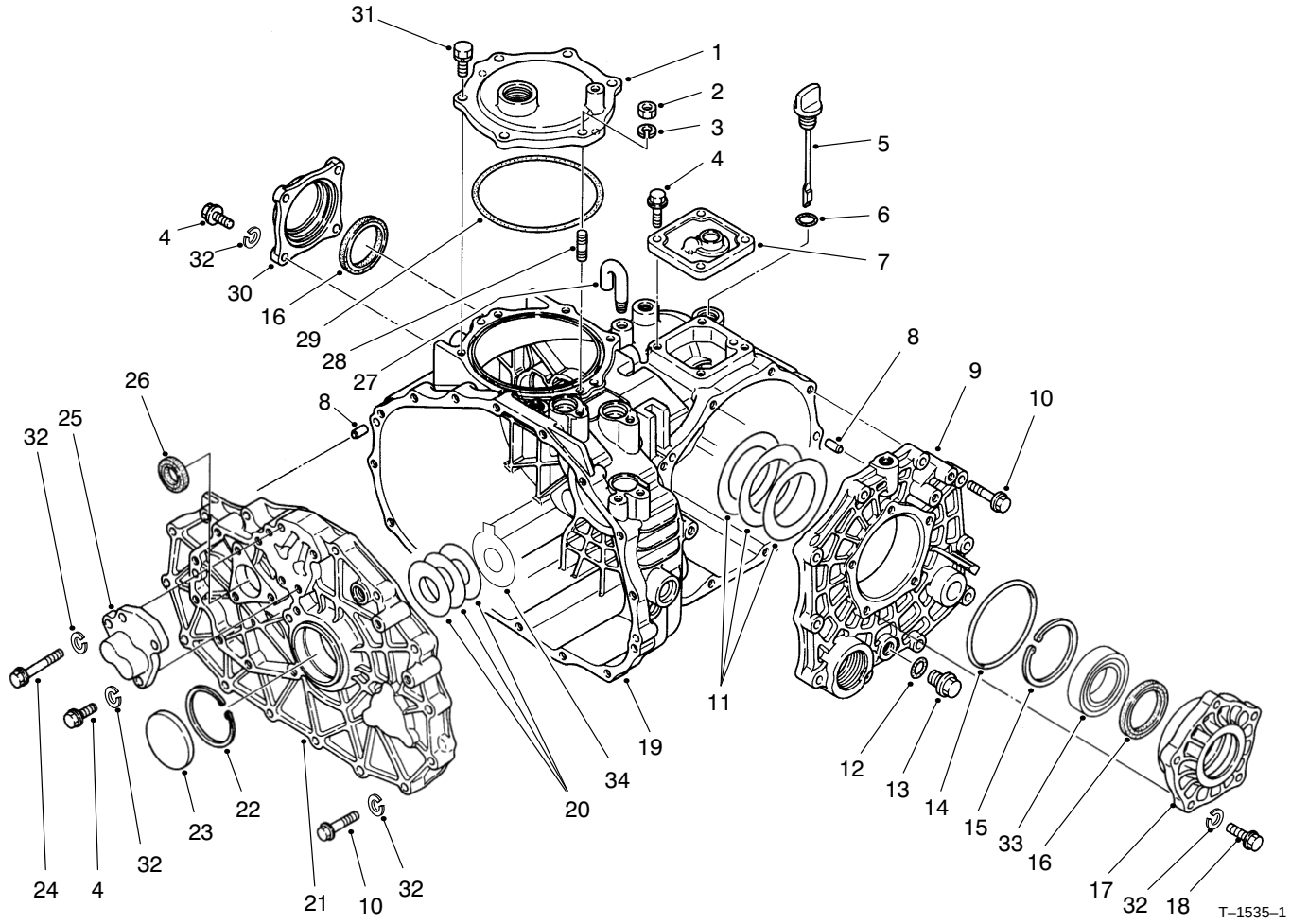
Ref. No.	Part No.	Qty.	Description
23	87–2310	2	Clevis–Cable
24	3272–6	2	Pin–Cotter
25	283–62	2	Pin–Clevis
26	353–989	1	Plug
27	3220–1	2	Nut–Jam
28	32128–33	1	Nut–HFH
29	87–7970	1	Arm–Shift
30	323–10	1	Screw–HH
31	3256–4	1	Washer–Flat
32	87–8250	1	Plate–Arm, Shift
33	87–6910	1	Spring–Compression
34	32128–21	1	Nut–Lock
35	87–7170	1	Bracket–Spring, Clutch
36	87–7960	1	Lever–Shift
37	80–6990	3	Washer–Hardened
38	48–9520	3	Nut–Lock
40	99–1052	1	Plate–Hi–Lo
41	92–6982	1	Spacer–Brake
42	353–987	1	Fitting–Hydraulic 90° (Incl. Ref. #50)
43	2412–34	1	Clamp–Hose
44	87–3670	1	Hose–Suction
45	87–3080	1	Cable–Battery, Neg.
46	93–7105	1	Cable–Shift (Incl. Ref. #27)
47	237–79	2	O–Ring



Transaxle Installation Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
48	237–42	1	O–Ring
49		2	Spacer–Mount
50	237–81	1	O–Ring
51	237–123	1	O–Ring
52	92–7905	1	Switch–Micro
53	32105–13	2	Screw–HH
54	93–9539	1	Strip–Tapped
55	321–3	2	Screw–HH
56	93–3919	1	Bracket–Switch, Reverse
57	3256–14	2	Washer–Flat
58	99–1106	1	Harness–Wire

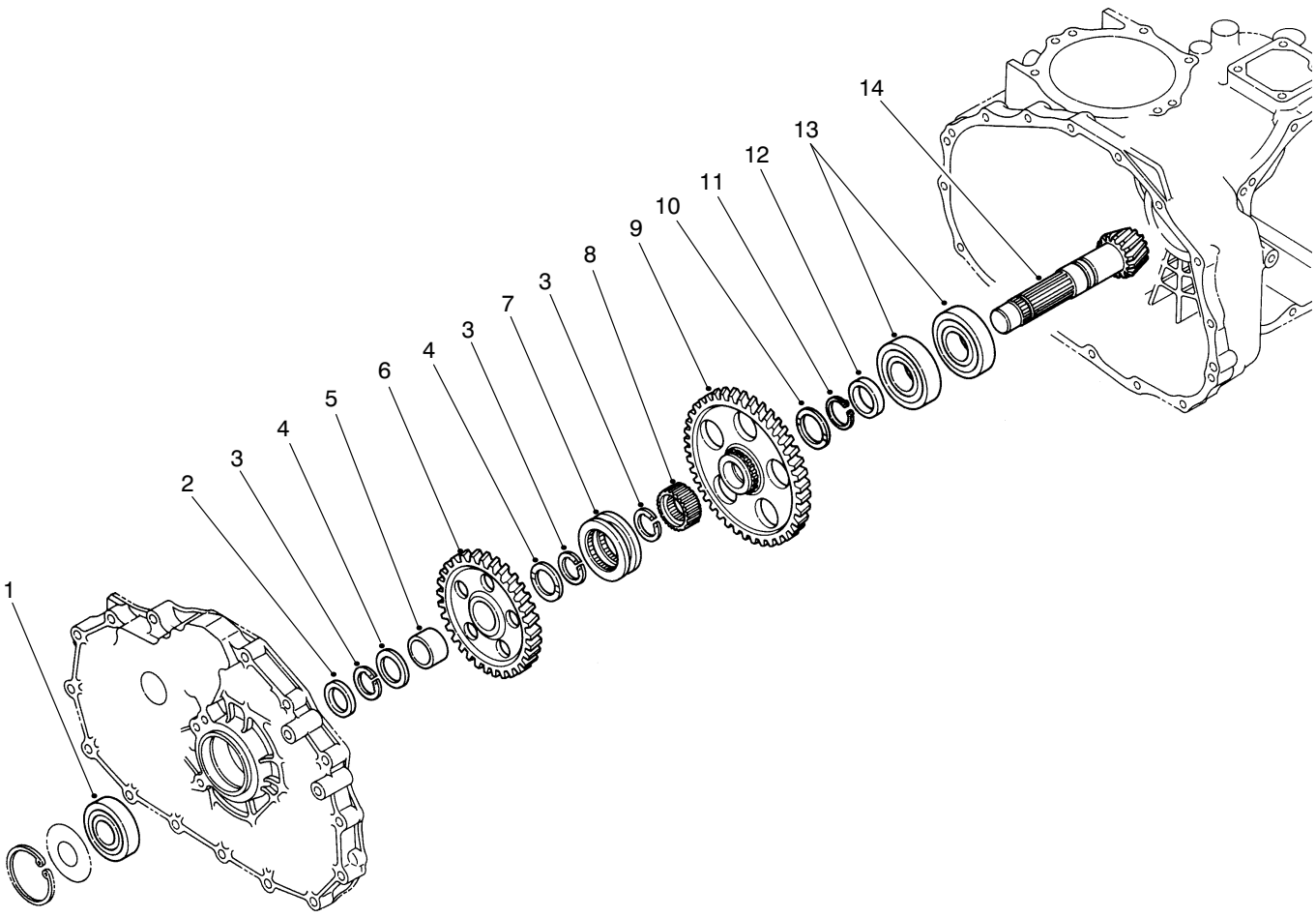
Ref. No.	Part No.	Qty.	Description



Transaxle Case Assembly

Ref. No.	Part No.	Qty.	Description
1	92–0656	1	Cover–Take Off, Power
2	48–7930	1	Nut–Hex
3	92–0762	1	Washer–Lock
4	60–6750	11	Screw–HH
5	92–0662	1	Cap–Oil
6	92–0788	1	O–Ring
7	92–0652	1	Cover–Upper
8	92–0765	4	Pin–Alignment
9	92–0653	1	Cover–Side
10	42–9530	25	Screw–HH
11	92–0809	1	Shim Set
12		1	O–Ring
13	92–0773	1	Drain Plug ASM (Incl. Ref. #12)
14	92–0789	1	O–Ring
15	92–0760	1	Ring–Retaining
16	92–0793	2	Seal–Oil
17	92–0654	1	Carrier–Differential
18	48–7730	5	Screw–HH
19	92–0651	1	Case–Transaxle
20	100–4460	1	Shim Set
21	100–4461	1	Plate–Center
22	92–0759	1	Ring–Retaining
23	92–0807	1	Cap–Sealing
24	48–7560	1	Screw–HH
25	92–0706	1	Cap–Shaft, Fork

Ref. No.	Part No.	Qty.	Description
26	92–0791	1	Seal–Oil
27	92–0743	1	Breather–Air
28	92–0804	1	Stud
29	92–0790	1	O–Ring
30	92–0655	1	Cover–Seal
31	92–0796	5	Screw–HH
32	42–9850	42	Washer–Lock
33	92–0775	2	Bearing–Ball
34	100–4465	1	Shim w/ Tab

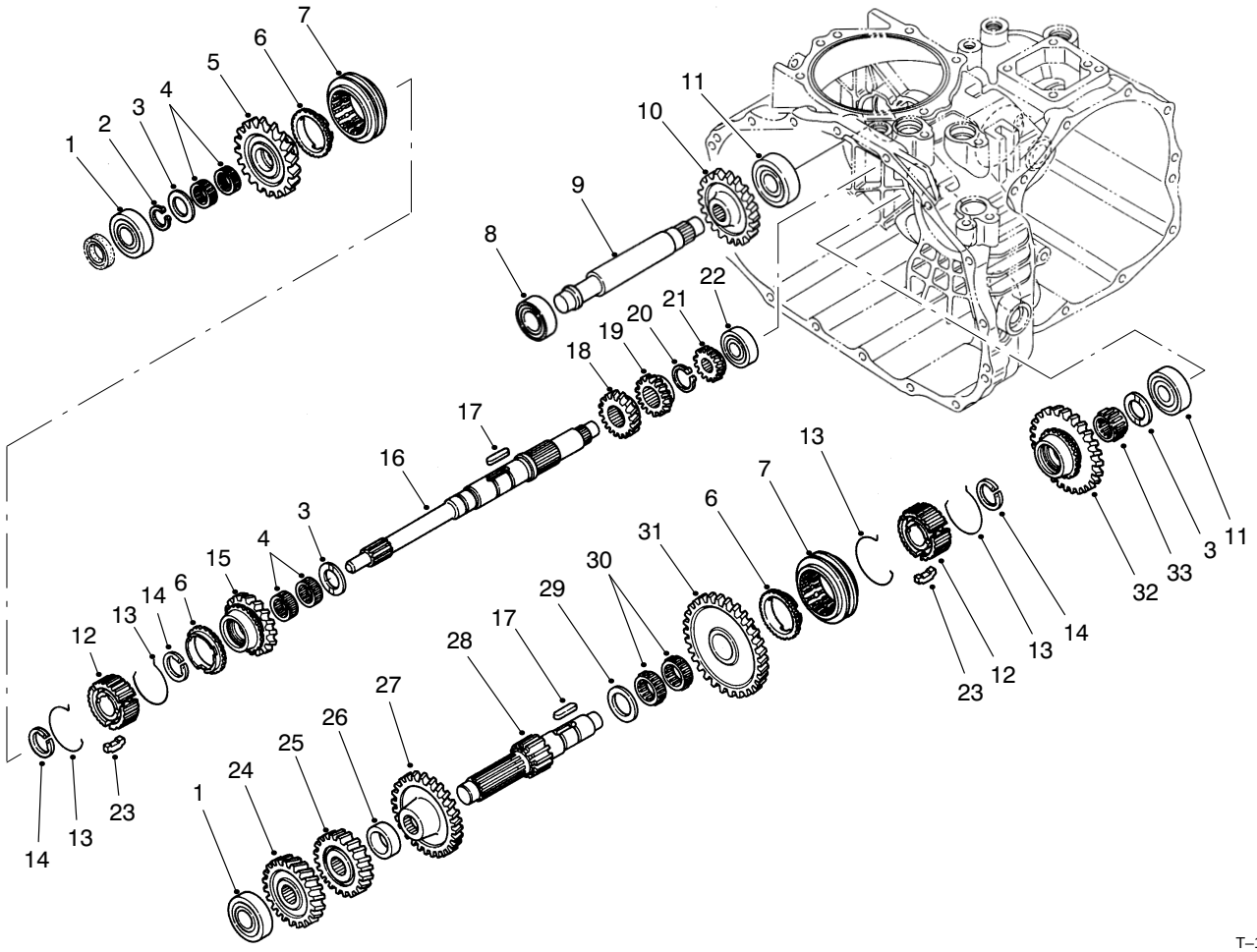


T–1536–1

Countershaft Assembly

Ref. No.	Part No.	Qty.	Description
1	92–0712	1	Bearing–Ball
2	92–0716	1	Collar
3	92–0764	3	Ring–Retaining
4	92–0711	2	Washer–Thrust
5	92–0783	1	Sleeve–Inner
6	92–0715	1	Gear–49T
7	92–0718	1	Shifter–Hi–Lo
8	92–0719	1	Collar–Spline
9	92–0717	1	Gear–71T
10	92–0741	1	Washer–Thrust
11	92–0755	1	Ring–Retaining
12	92–0713	1	Collar
13	92–0714	2	Bearing–Ball
14	92–0710	1	Counter Shaft ASM (Incl. Ring Gear)

Ref. No.	Part No.	Qty.	Description

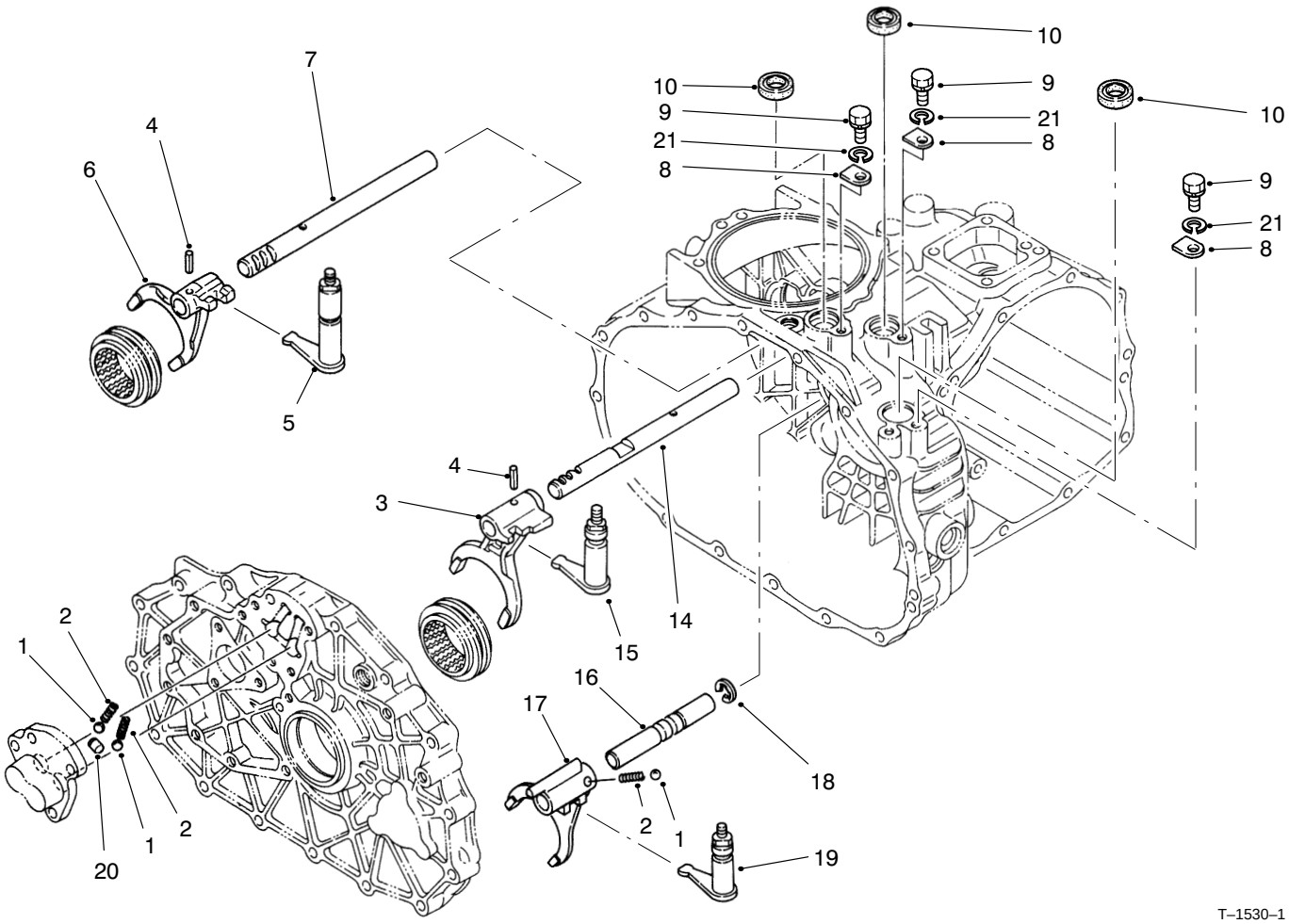


T–1533–1

Transaxle Gear Shafts Assembly

Ref. No.	Part No.	Qty.	Description
1	251–8	2	Bearing–Ball
2	92–0753	1	Ring–Retaining
3	92–0740	3	Washer–Thrust
4	92–0781	4	Bearing–Needle
5	92–0820	1	Gear–27T
6	92–0667	3	Ring–Synchro
7	92–0668	2	Shifter–Synchro
8	251–346	1	Bearing–Ball
9	92–0824	1	Shaft–Idler, Reverse
10	92–0684	1	Gear–33T
11	92–0778	2	Bearing–Ball
12	92–0664	2	Hub–Synchro
13	92–0666	4	Spring–Synchro
14	92–0763	3	Ring–Retaining
15	92–0821	1	Gear–24T
16	92–0663	1	Shaft–Main
17	92–0772	2	Key
18	92–0687	1	Gear–16T
19	92–0672	1	Gear–18T
20	92–0754	1	Ring–Retaining
21	92–0673	1	Gear–14T
22	92–0650	1	Bearing–Ball
23	92–0665	6	Key–Synchro
24	92–0822	1	Gear–28T
25	92–0679	1	Gear–23T
26	92–0680	1	Collar

Ref. No.	Part No.	Qty.	Description
27	92–0823	1	Gear–43T
28	92–0674	1	Shaft–Reduction
29	92–0682	1	Washer–Thrust
30	92–0681	2	Bearing–Needle
31	92–0677	1	Gear–49T
32	92–0819	1	Gear–40T
33	92–0782	1	Bearing–Needle

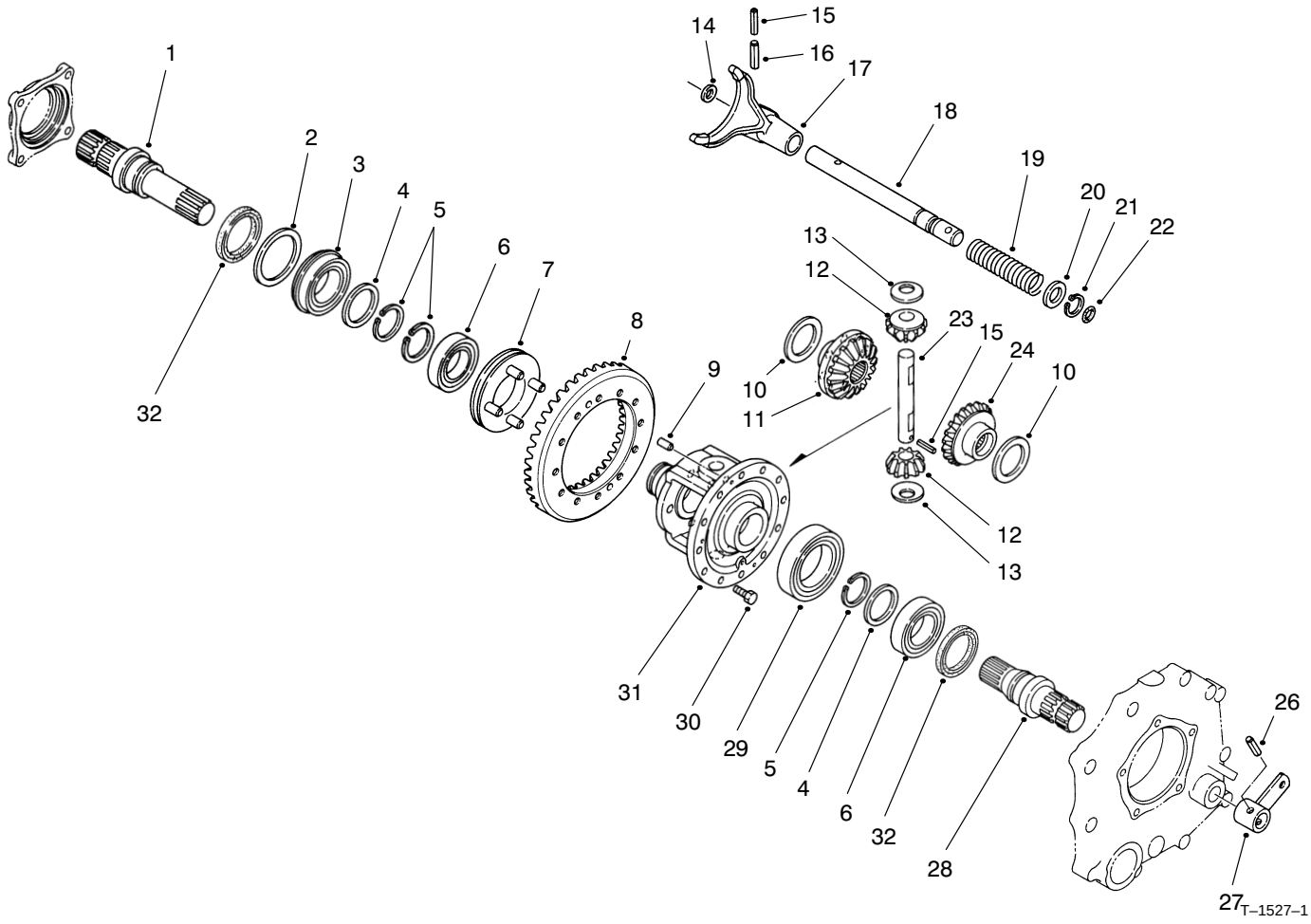


T–1530–1

Shift Fork Assembly

Ref. No.	Part No.	Qty.	Description
1	92–0785	3	Ball
2	92–0731	3	Spring–Compression
3	92–0700	1	Fork–Shift R–1
4	92–0769	2	Pin–Spring
5	92–0817	1	Arm–Shift, Fork 2–3
6	92–0701	1	Fork–Shift 2–3
7	92–0699	1	Shaft–Fork 2–3
8	92–0732	3	Plate–Keeper
9	48–7700	3	Screw–HH
10	92–0729	3	Seal–Oil
14	92–0698	1	Shaft–Fork R–1
15	92–0816	1	Arm–Shift, Fork R–1
16	92–0708	1	Shaft–Fork, Hi–Lo
17	92–0709	1	Fork–Shift, Hi–Lo
18	92–0761	1	Ring–Retaining
19	92–0818	1	Arm–Shift Fork, Hi–Lo
20	92–0705	1	Lock–Spindle
21	42–9850	3	Washer–Lock

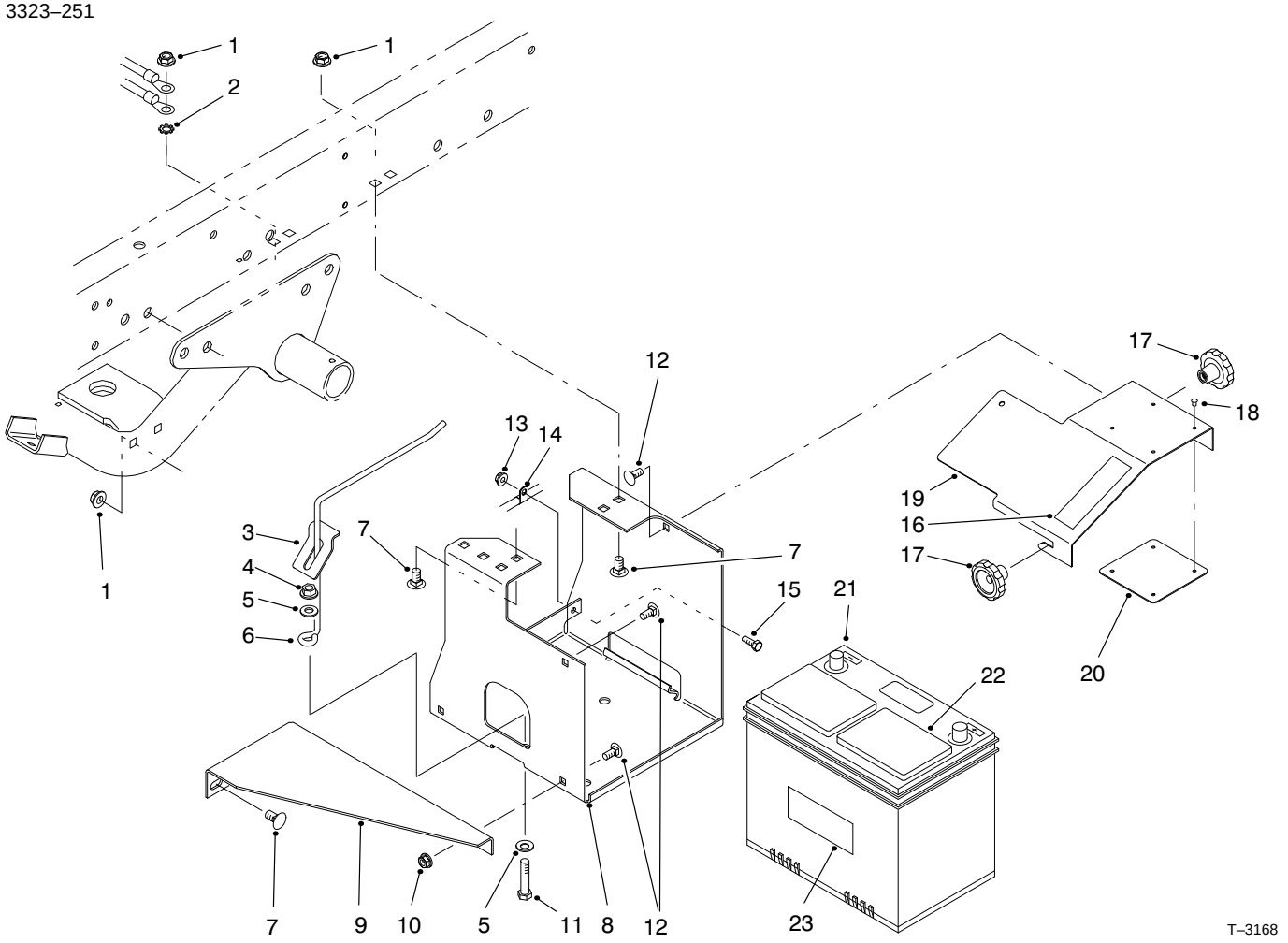
Ref. No.	Part No.	Qty.	Description



Differential Gear Assembly

Ref. No.	Part No.	Qty.	Description
1	92–0726	1	Shaft–Axle, RH
2	92–0728	1	Washer
3	92–0780	1	Bearing–Ball
4	92–0727	2	Washer
5	92–0756	3	Ring–Retaining
6	92–0775	2	Bearing–Ball
7	92–0730	1	Slider–Lock, Differential
8	92–0710	1	Ring Gear ASM (Incl. Counter Shaft)
9	92–0765	2	Pin–Alignment
10	92–0747	2	Washer–Thrust
11	92–0746	1	Gear–Side RH
12	92–0748	2	Gear–Pinion
13	92–0750	2	Washer
14	92–0744	1	Washer
15	92–0768	2	Pin–Spring
16	92–0771	1	Pin–Spring
17	92–0721	1	Fork–Lock, Differential
18	92–0722	1	Shaft–Lock, Fork
19	92–0723	1	Spring–Compression
20	92–0733	1	Washer
21	92–0753	1	Ring–Retaining
22	92–0787	1	O–Ring
23	92–0749	1	Shaft–Pinion
24	92–0745	1	Gear–Side, LH

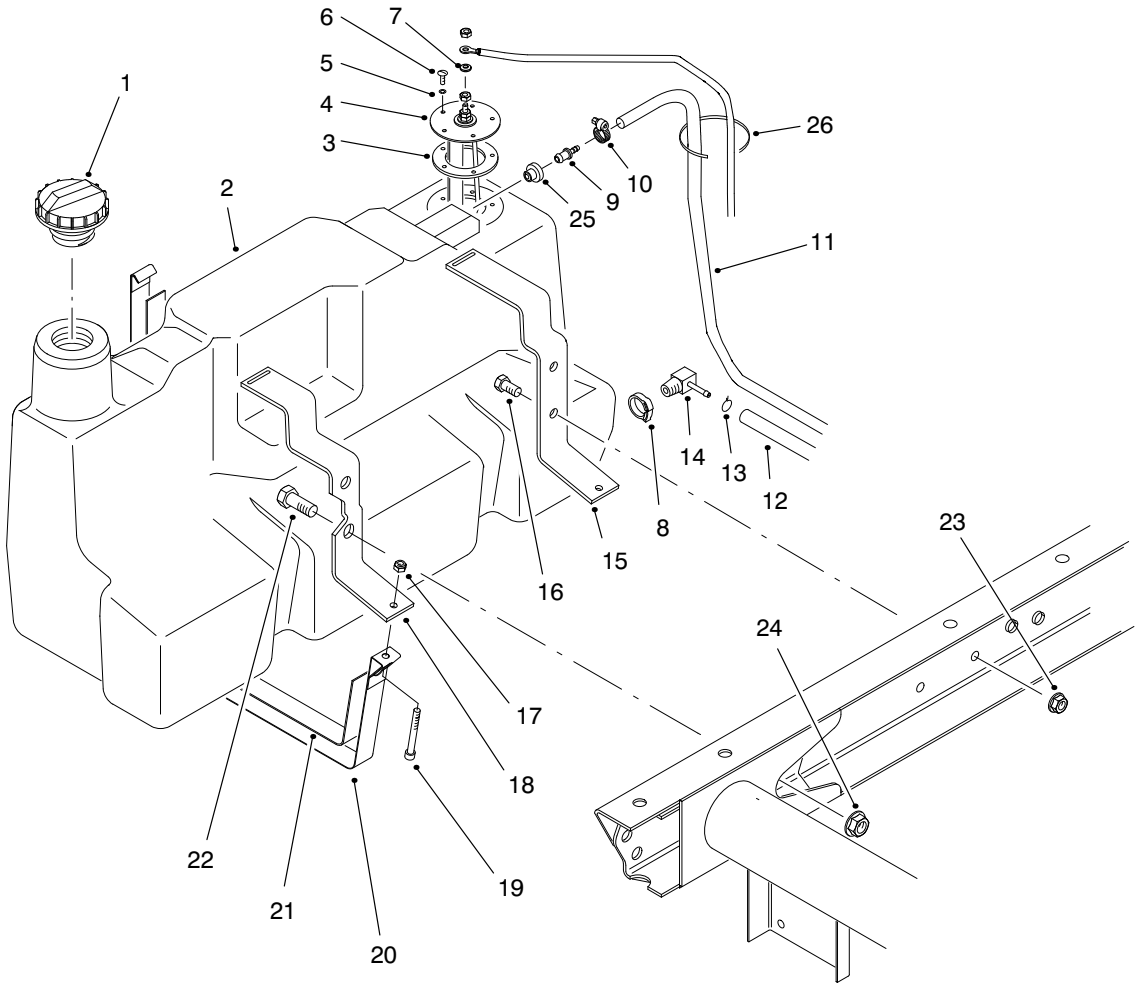
Ref. No.	Part No.	Qty.	Description
26	92–0770	1	Pin–Spring
27	92–0724	1	Arm–Lock, Differential
28	92–0725	1	Shaft–Axle, LH
29	92–0776	1	Bearing–Ball
30	92–0803	12	Screw–HHF
31	92–0720	1	Case–Differential
32	92–0793	2	Seal–Oil



Battery Mount Assembly

Ref. No.	Part No.	Qty.	Description
1	3290–357	6	Nut–HFH
2	3255–9	1	Washer–Lock
3	87–7610	1	Tab–Support, Battery
4	3296–39	1	Nut–HH
5	3256–24	2	Washer–Flat
6	87–7600	1	Rod–Support,Battery
7	3231–21	6	Bolt–CARR
8	87–5120	1	Bracket–Base, Battery
9	87–5110	1	Support–Lower
10	32128–20	2	Nut–HFH
11	323–9	1	Screw–HH
12	3230–23	4	Bolt–CARR
13	32128–33	1	Nut–HFH
14	2412–89	1	Clamp–R
15	321–4	1	Screw–HH
16	36–3400	1	Decal–No Step
17	19–4050	2	Knob
18	3269–27	4	Rivet–Plastic
19	87–5130	1	Cover–Base, Battery
20	87–7620	1	Shield–Plastic
21	55–7290	1	Battery
22	55–7160	2	Cap–Vent
23	26–7170	1	Decal–Toro

Ref. No.	Part No.	Qty.	Description

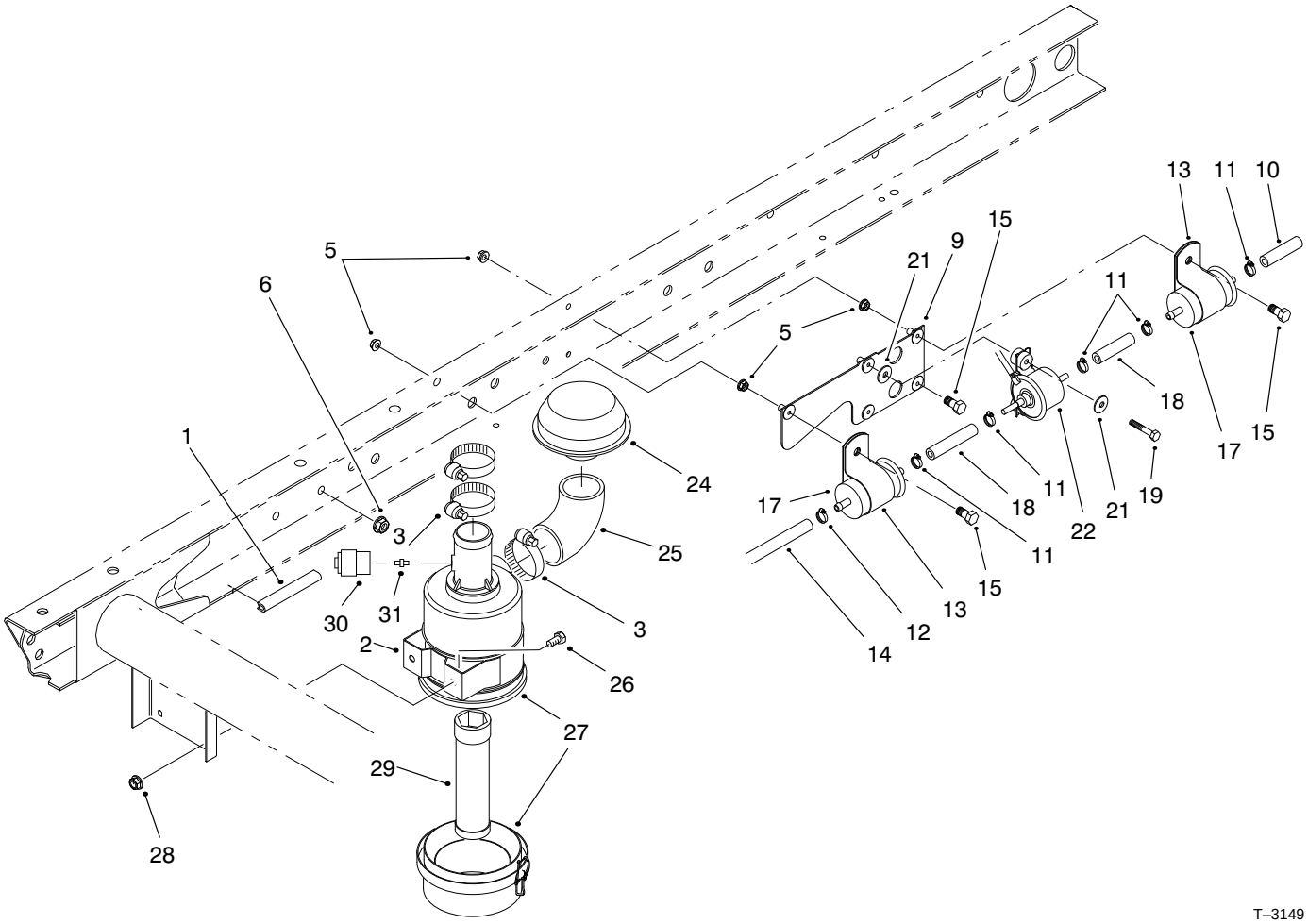


T–1609–1

Fuel Tank Assembly

Ref. No.	Part No.	Qty.	Description
1	93–3101	1	Cap–Fuel
2	98–2915	1	Fuel Tank ASM (Incl. Ref. #8, 9,14 & 25)
3	62–7650	1	Gasket–Unit, Sending
4	63–7640	1	Unit–Sending
5	3253–15	5	Washer–Lock
6	32122–24	5	Screw–RH
7	5–3637	1	Washer–Flat
8	2412–36	1	Clamp
9	98–2952	1	Fitting–Fuel, Straight
10	2412–108	1	Clamp–Hose
11	93–2298	1	Hose–Fuel
12	63–9640	2	Hose–Fuel
13	92–2379	1	Clamp–Hose
14	353–781	1	Fitting–Fuel 90°
15	87–3140	1	Support–Rear
16	323–4	2	Screw–HH
17	3296–42	2	Nut–Lock
18	87–3150	1	Support–Front
19	3274–54	2	Screw–HSH
20	87–3160	2	Strap–Support, Tank
21	87–3170	2	Pad–Support Strap, Tank
22	3234–38	2	Screw–HH
23	3290–357	2	Nut–HFH
24	32128–23	2	Nut–HFH
25	46–6560	1	Bushing
26	3290–378	1	Tie–Cable

* Not Illustrated

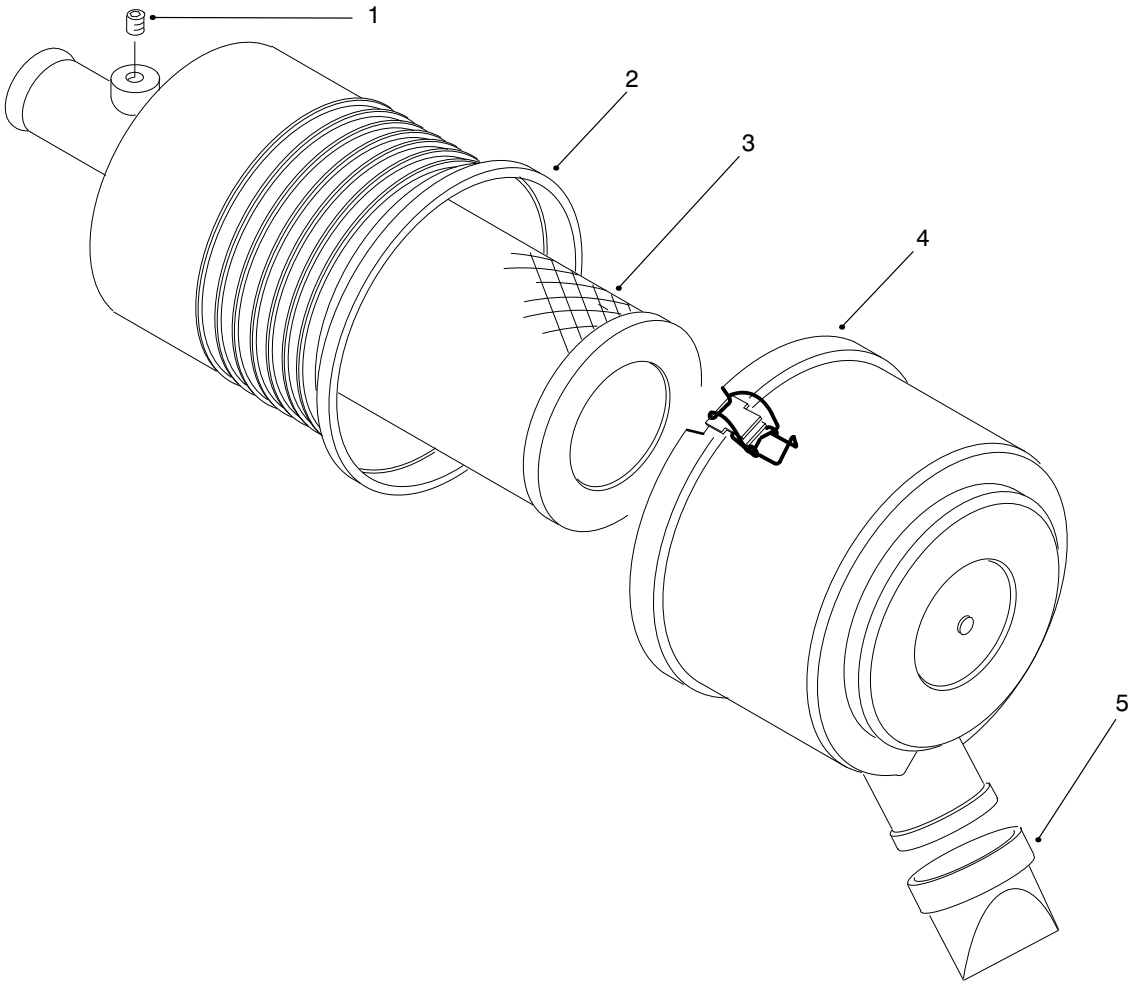


T–3149

Air Cleaner and Fuel Supply Assembly

Ref. No.	Part No.	Qty.	Description
1	43–4300	1	Trim–Frame, Rear
2	93–2191	1	Mounting Band ASM
3	2412–92	3	Clamp–Hose
5	32128–33	6	Nut–Hex FLANGE
6	3290–357	3	Nut–HFH
9	99–9402	1	Plate
10	94–9502	1	Hose–Fuel
11	2412–98	5	Clamp
12	2412–108	1	Clamp
13	2412–148	2	Clamp–R
14	63–9640	1	Hose–Fuel
15	3234–10	3	Screw–HFH
17	99–9404	2	Filter–Fuel, Inline
18	99–9415	2	Hose–Fuel
19	3234–21	2	Screw–HH
21	3256–67	4	Washer–Flat
22	92–2007	1	Pump–Fuel
24	46–7510	1	Hood–Inlet, Air
25	94–5248	1	Elbow–Intake, Air
26	322–2	2	Screw–HH
27	95–5805	1	Cleaner, Air
28	32128–20	2	Nut–HFH
29	98–2982	1	Filter–Element, Safety (Optional)
30	93–9164	1	Indicator–Service (Optional)

Ref. No.	Part No.	Qty.	Description
31	94–1416	1	Indicator Adaptor ASM (Optional)



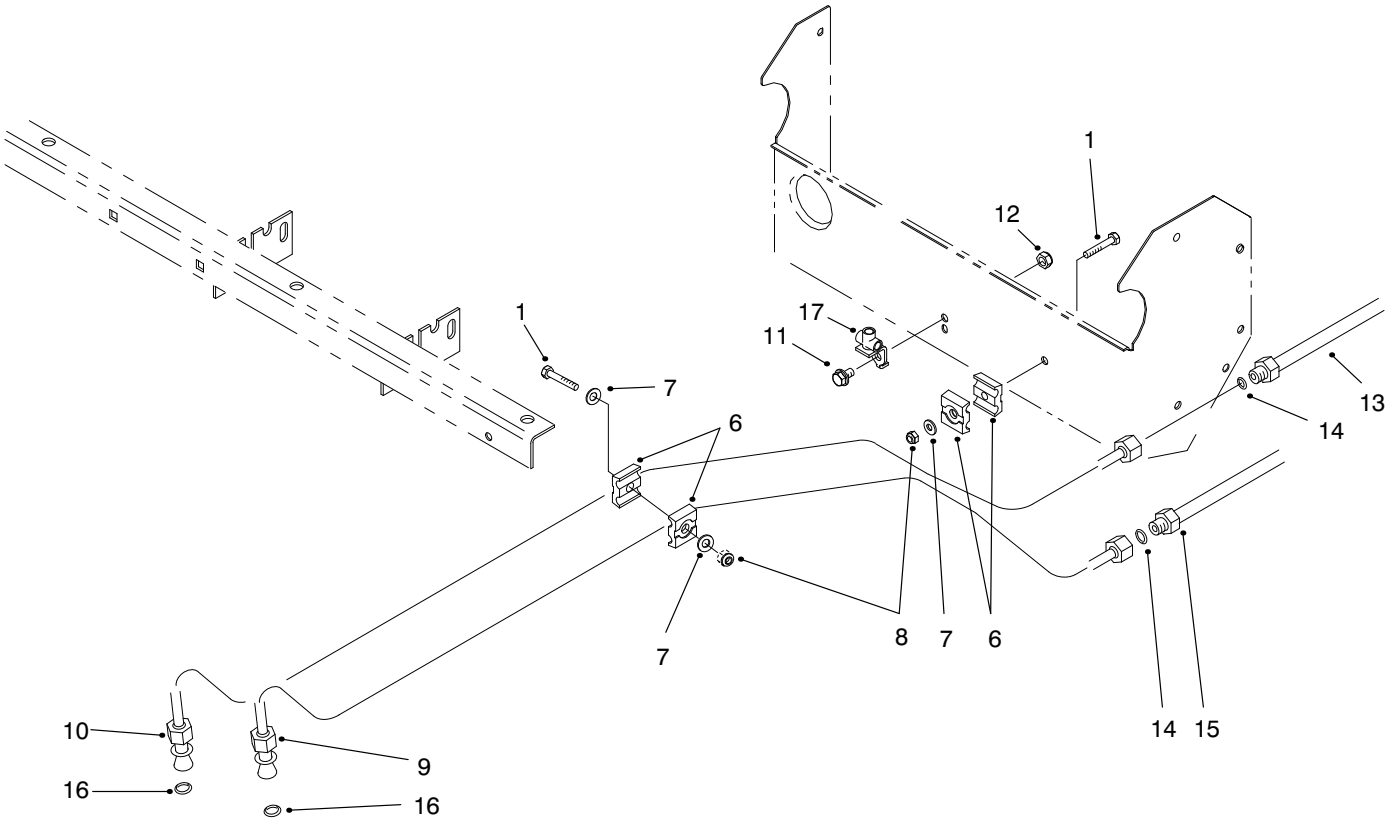
T–2607

Air Cleaner Assembly No. 95–5805

Ref. No.	Part No.	Qty.	Description
1	285–17	1	Plug
2		1	Body ASM
3	93–2195	1	Element–Cleaner, Air
*	98–2982	1	Element–Filter, Safety (Optional)
4	94–3652	1	Cover ASM
5	94–1414	1	Vacuator

Ref. No.	Part No.	Qty.	Description

* Not Illustrated



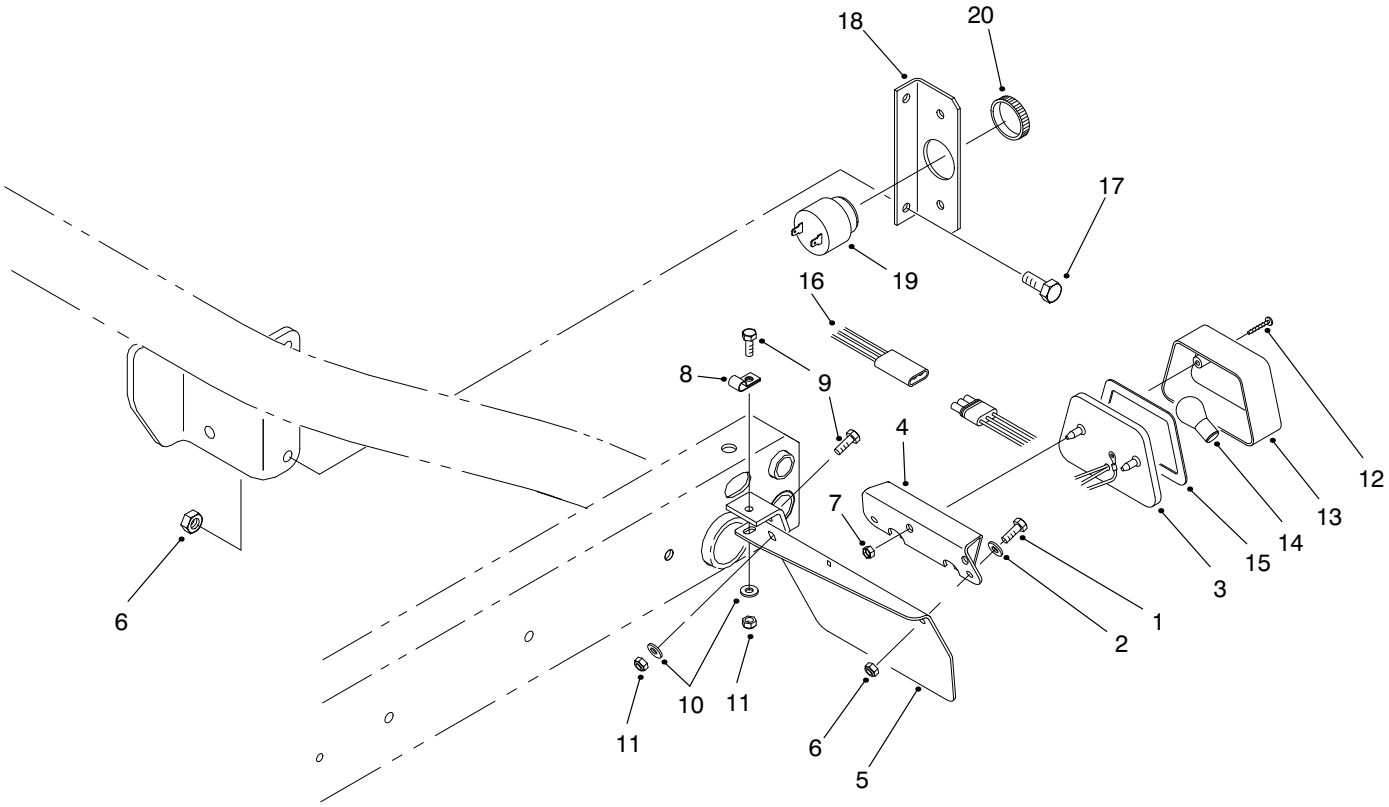
T–3169

Steering Line Assembly

Ref. No.	Part No.	Qty.	Description
1	321–9	2	Screw–HH
6	56–7973	4	Clamp–Tube, Hydraulic
7	3256–22	3	Washer–Flat
8	3296–42	2	Nut–Lock
9	87–9350	1	Hydraulic Tube ASM (Incl. Ref. #16)
10	87–4540	1	Hydraulic Tube ASM (Incl. Ref. #16)
11	322–2	1	Screw–HH
12	32128–20	1	Nut–HFH
13	99–1058	1	Hose ASM
14	237–22	2	O–Ring
15	99–1053	1	Hose ASM
16	39–7310	2	O–Ring
17	87–3560	1	Tee–Tube, Brake

Ref. No.	Part No.	Qty.	Description

* Not Illustrated

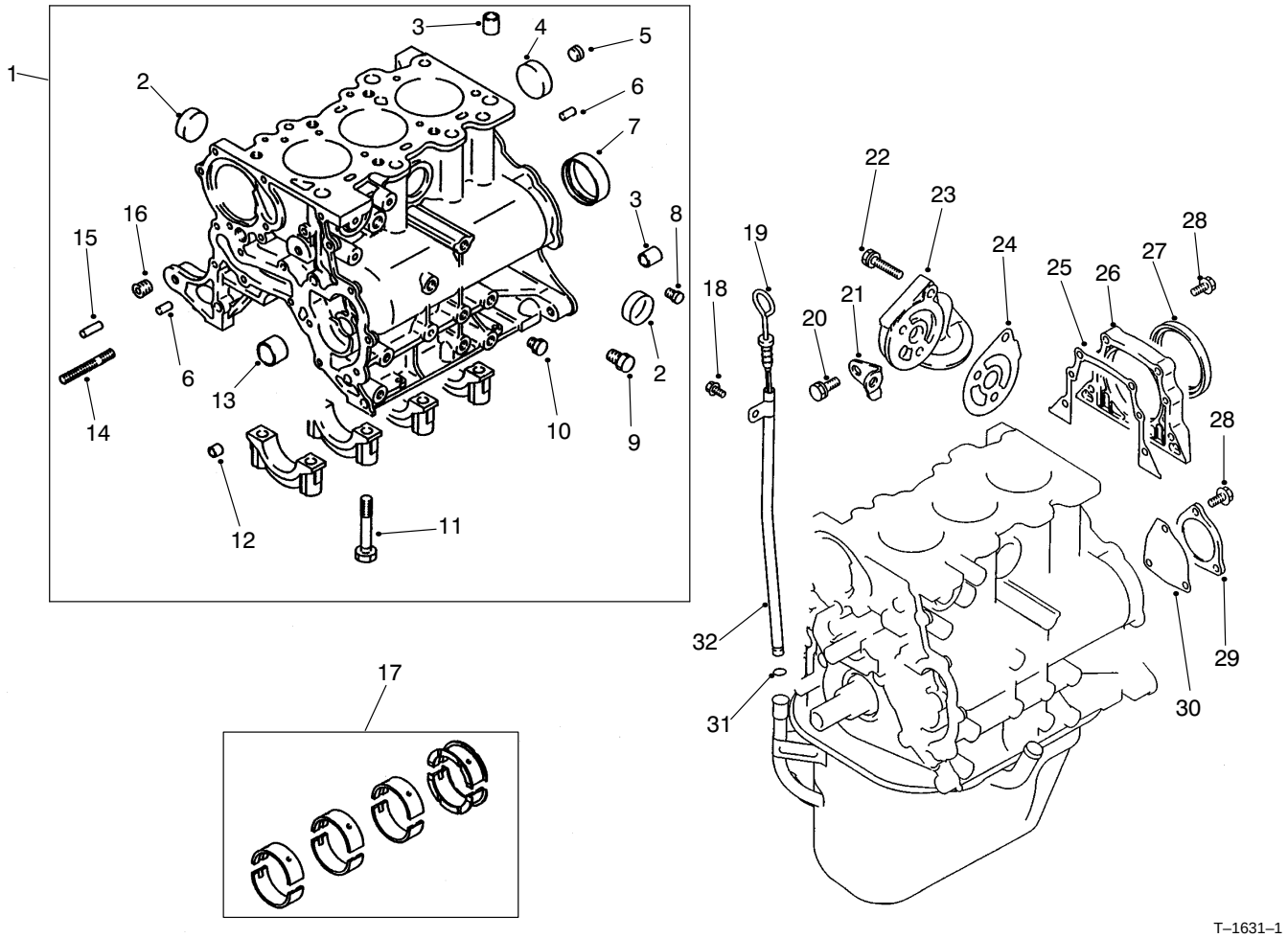


T–3170

Backup Alarm and Tail Light Assembly

Ref. No.	Part No.	Qty.	Description
1	321–6	2	Screw–HH
2	3256–22	4	Washer–Flat
3	87–2110	1	Tail Light ASM (Incl. Ref. #12–15)
4	87–5770	1	U–Bracket–Light, Tail
5	93–8943	1	Bracket–Fender, Rear LH
6	3296–42	4	Nut–Lock
7	3290–506	2	Palnut
8	2412–93	1	Clamp–R
9	322–5	2	Screw–HH
10	3256–23	2	Washer–Flat
11	3296–29	2	Nut–Lock
12	32144–93	2	Screw–Tapping, Self
13	87–6300	1	Lens
14		1	Bulb (#1157 Std. 12 Volt)
15	87–6310	1	Gasket
16	99–1106	1	Harness–Wire
17	321–5	2	Screw–HH
18	93–3921	1	Bracket–Alarm, Reverse
19	80–9330	1	Backup ALarm ASM (Incl. Ref. #20)
20		1	Retainer–Alarm

Ref. No.	Part No.	Qty.	Description

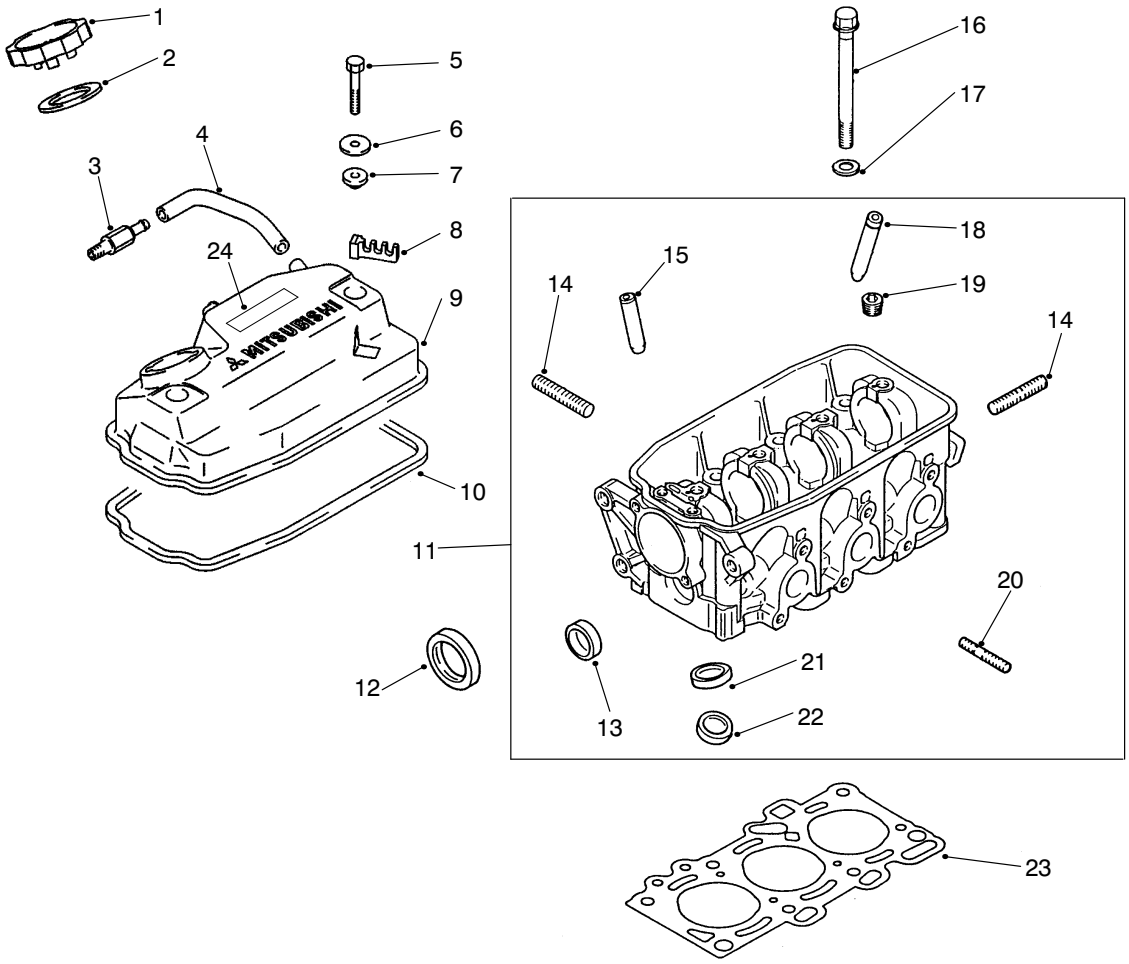


T–1631–1

Cylinder Block Assembly

Ref. No.	Part No.	Qty.	Description
1	92–2006	1	Crankcase ASM (Incl. Ref. #2–16)
2	92–2151	3	Cap–Sealing
3	92–2152	4	Bushing
4	92–1994	1	Cap–Sealing
5	92–1935	1	Plug–Taper
6	92–2148	2	Pin–Dowel
7	92–1982	1	Bearing–Ring
8	92–1902	1	Plug–Taper
9	56–0100	1	Plug–Taper
10	92–1910	1	Plug–Taper
11	67–2250	8	Bolt
12	67–2360	4	Bushing
13	92–1981	1	Bearing–Front
14	92–5107	1	Stud
15	92–1958	1	Pin–Dowel
16	67–2390	1	Plug–Taper
17	92–1956	1	Bearing–Set, Main
18	92–5112	1	Bolt–Head, Flange
19	92–5110	1	Gauge–Level, Oil
20	92–2144	2	Bolt
21	92–5109	1	Stay–Filter, Oil
22	92–2143	3	Bolt
23	92–2012	1	Bracket–Filter, Oil
24	92–5108	1	Gasket–Bracket
25	92–1987	1	Gasket

Ref. No.	Part No.	Qty.	Description
26	92–2045	1	Housing–Seal, Oil
27	92–1952	1	Seal–Oil
28	92–2131	7	Bolt–Head, Flange
29	92–1945	1	Cover–Rear
30	92–1991	1	Gasket
31	92–1925	1	O–Ring
32	92–5111	1	Guide–Gauge, Oil Level



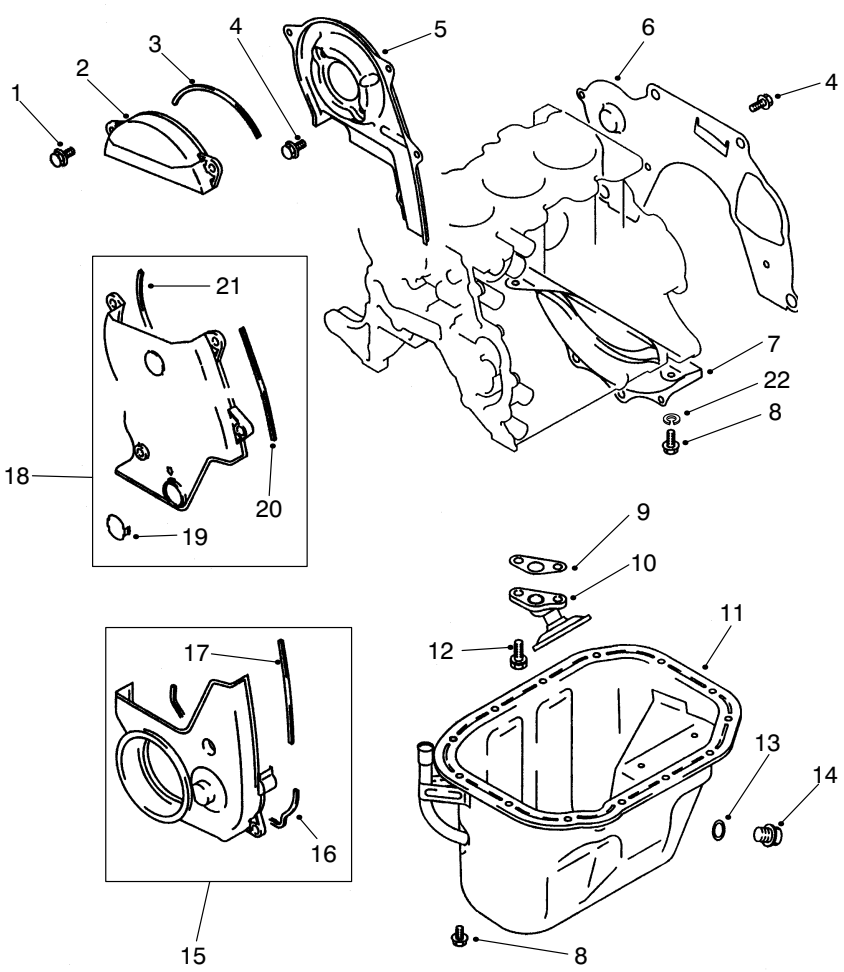
T–1630–2

Rocker Cover and Cylinder Head Assembly

Ref. No.	Part No.	Qty.	Description
1	92–1975	1	Cap–Oil (Incl. Ref. #2)
2	92–1943	1	Packing
3	92–2050	1	Valve–PCV
4	92–2026	1	Hose–Valve, PCV
5	92–2128	2	Bolt–Cover
6	92–2063	2	Washer
7	92–1929	2	Seal–Oil
8	92–1915	1	Clamp–Cable
9	94–5295	1	Cover ASM (Incl. Ref. #8,10 & 24)
10	92–1944	1	Gasket–Cover, Rocker
11	92–2034	1	Head–Cylinder (Incl. Ref. #13–15 & 18–22)
12	92–2021	1	Seal–Oil
13	92–2151	1	Cap–Sealing
14	42–9560	3	Stud
15	92–1926	3	Guide–Valve, Intake (.05 mm OS)
*	92–5103	3	Guide–Valve, Intake (.25 mm OS)
*	92–5104	3	Guide–Valve, Intake (.50 mm OS)
16	92–1971	8	Bolt
17	92–1903	8	Washer

Ref. No.	Part No.	Qty.	Description
18	92–1911	1	Guide–Valve, Exhaust (.05 mm OS)
*	92–5105	1	Guide–Valve, Exhaust (.25 mm OS)
*	92–5106	1	Guide–Valve, Exhaust (.50 mm OS)
19	92–1916	1	Plug–Taper
20	92–1905	6	Stud
21	92–1959	3	Seat–Valve, Intake (.30 mm OS)
*	92–5102	3	Seat–Valve, Intake (.60 mm OS)
22	92–1976	3	Seat–Valve, Exhaust (.30 mm OS)
*	92–5101	3	Seat–Valve, Exhaust (.60 mm OS)
23	92–1997	1	Gasket–Cylinder
24		1	Label–Emission

* Not Illustrated

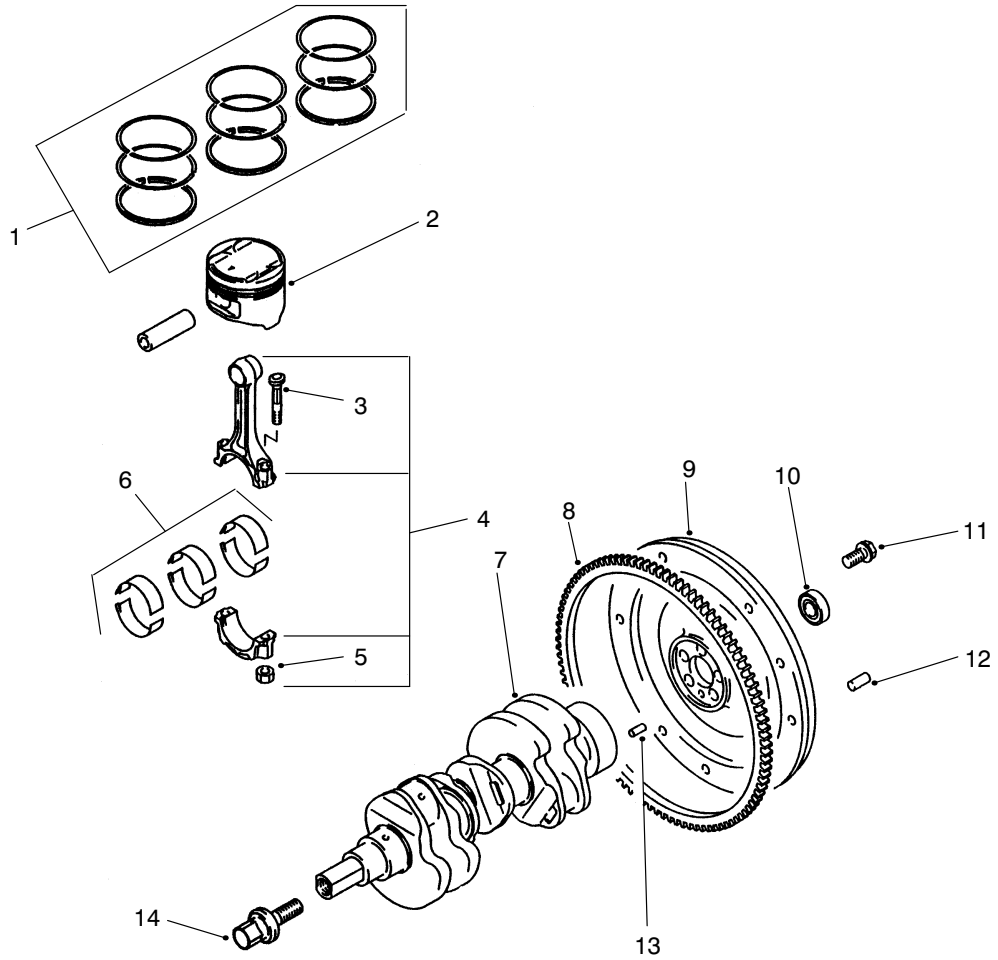


T–1632–1

Covers and Oil Pan Assembly

Ref. No.	Part No.	Qty.	Description
1	92–5113	3	Bolt–Head, Flange
2	92–1965	1	Cover ASM (Incl. Ref.#3)
3	92–1962	1	Gasket
4	92–2131	2	Bolt–Head, Flange
5	92–2035	1	Cover–Front
6	92–1937	1	Plate–Rear
7	92–1938	1	Cover–Housing, Bell
8	48–7610	2	Bolt–HH
9	92–1988	1	Gasket–Oil
10	92–2019	1	Strainer–Oil
11	92–2053	1	Oil Pan ASM (Incl. Ref.#13–14)
12	92–2137	2	Bolt/washer
13	92–1921	1	Gasket–Oil
14	92–1920	1	Plug–Oil
15	92–1967	1	Cover ASM (Incl. Ref. #16–17)
16	92–1939	1	Gasket
17	92–1940	1	Gasket
18	92–1996	1	Front Cover ASM (Incl. Ref.#19–21)
19	92–1907	1	Cover–Access
20	92–1962	1	Gasket
21	92–1966	1	Gasket
22	3253–3	2	Washer–Lock

Ref. No.	Part No.	Qty.	Description

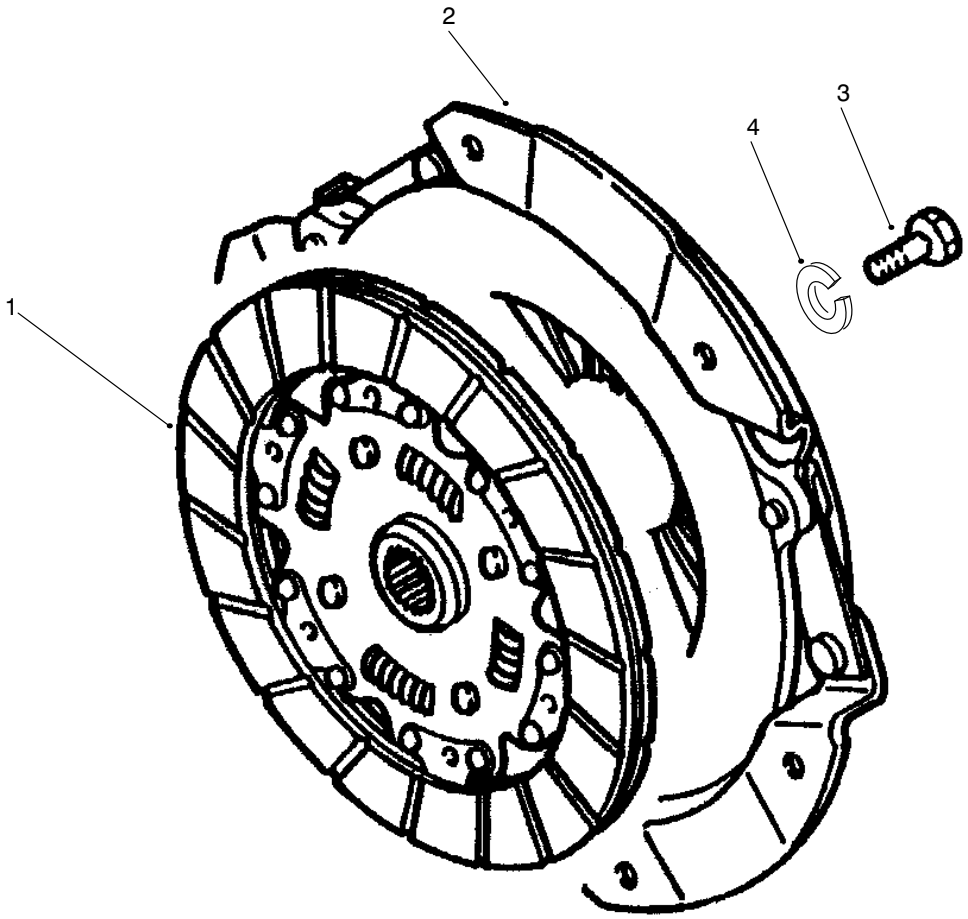


T–1633–1

Piston and Crankshaft Assembly

Ref. No.	Part No.	Qty.	Description
1	92–2014	1	Piston Ring Set (Std.)
*	92–5118	1	Piston Ring Set (.25 mm OS)
*	92–2015	1	Piston Ring Set (.50 mm OS)
*	92–5120	1	Piston Ring Set (.75 mm OS)
*	92–5121	1	Piston Ring Set (1.00 mm OS)
2	92–2005	3	Piston & Pin (Std.)
*	92–2013	3	Piston & Pin (.50 mm OS)
*	92–5116	3	Piston & Pin (.75 mm OS)
*	92–5117	3	Piston & Pin (1.00 mm OS)
3	92–2003	6	Bolt–Rod, Connecting
4	92–1999	3	Rod–Connecting (Incl. Ref. #3 & 5)
5	92–1923	6	Nut
6	92–1957	1	Set–Bearing, Rod
7	92–1995	1	Crankshaft ASM
8	92–1942	1	Gear–Ring
9	92–1980	1	Flywheel
10	92–1914	1	Bearing–Ball
11	92–1934	5	Bolt–Flywheel
12	42–7160	3	Pin–Dowel
13	92–2148	1	Pin–Dowel
14	92–2057	1	Bolt–PTO, Crankshaft

* Not Illustrated

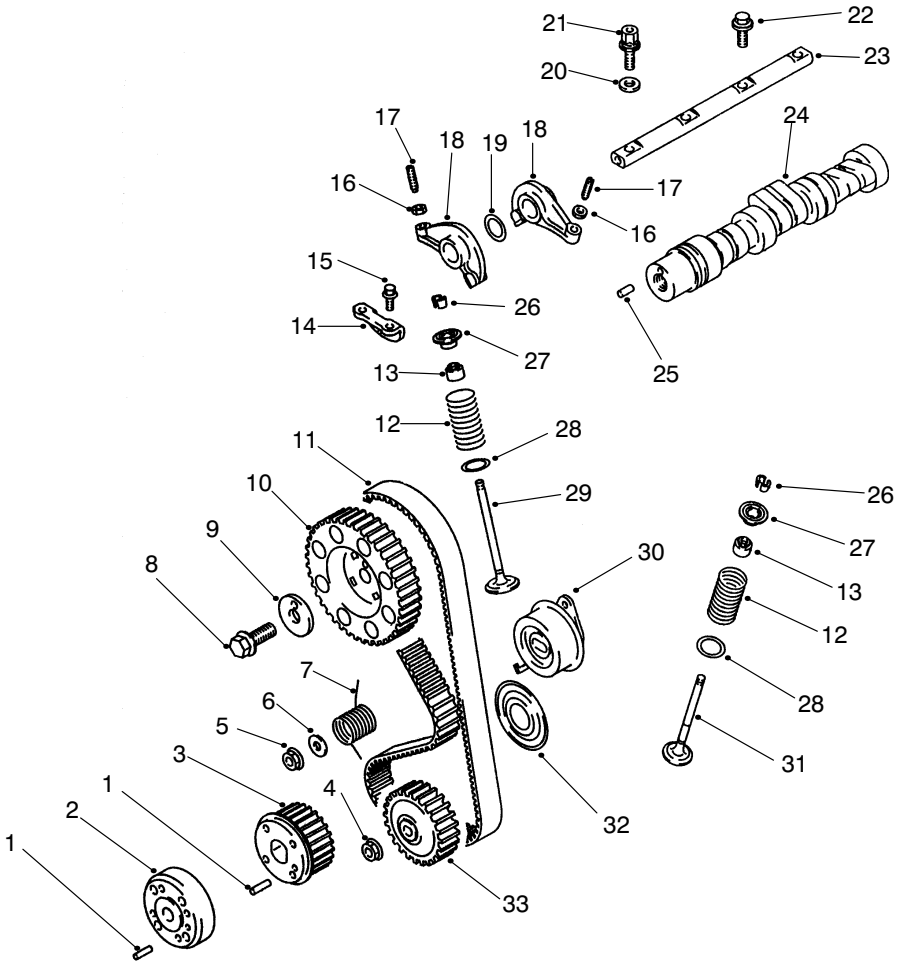


T–1644–1

Clutch and Clutch Release Assembly

Ref. No.	Part No.	Qty.	Description
1	98–2959	1	Disc–Clutch
2	98–2958	1	Cover–Clutch
3	48–7700	6	Bolt
4	3253–4	6	Washer–Lock

Ref. No.	Part No.	Qty.	Description

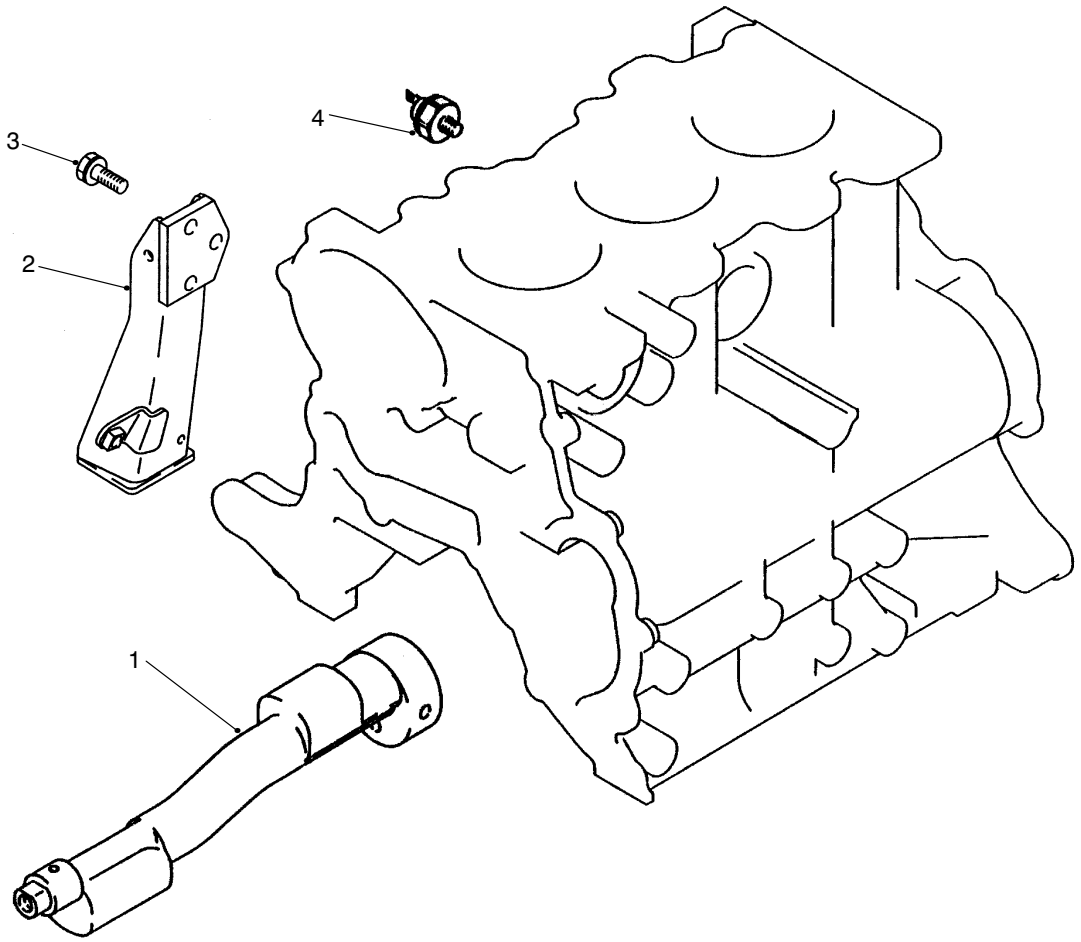


T–1634–1

Camshaft and Valves Assembly

Ref. No.	Part No.	Qty.	Description
1	92–2149	2	Pin
2	92–2062	1	PTO Adapter ASM (Incl. Ref.#1)
3	92–2061	1	PTO Sprocket ASM (Incl. Ref.#1)
4	92–5122	1	Nut–Belt, Timing
5	92–2145	1	Nut–HFH
6	92–2147	1	Washer
7	92–2001	1	Spring
8	92–2135	1	Bolt–HFH
9	92–1922	1	Washer
10	92–2000	1	Sprocket
11	92–2059	1	Belt–Timing
12	92–1977	6	Spring–Valve
13	92–1961	6	Seal–Valve
14	92–1964	1	Plate–Cam
15	92–2130	2	Bolt–HFH
16	92–1909	6	Nut
17	92–1953	6	Screw–Adjusting
18	92–1947	6	Arm–Rocker
19	92–1930	2	Washer–Wave
20	92–1972	2	Washer
21	92–2017	2	Bolt–Shaft, Rocker
22	92–2018	2	Bolt–Shaft, Rocker
23	92–1973	1	Shaft–Arm, Rocker

Ref. No.	Part No.	Qty.	Description
24	92–2049	1	Camshaft ASM (Incl. Ref.#25)
25	92–2010	1	Pin–Dowel
26	42–7860	12	Lock–Valve
27	92–1931	6	Retainer
28	92–1936	6	Seal–Valve
29	92–1954	3	Valve–Inlet
30	92–1968	1	Tensioner–Belt
31	92–1955	3	Valve–Exhaust
32	92–2056	1	Flange–PTO
33	92–2042	1	Sprocket–Oil

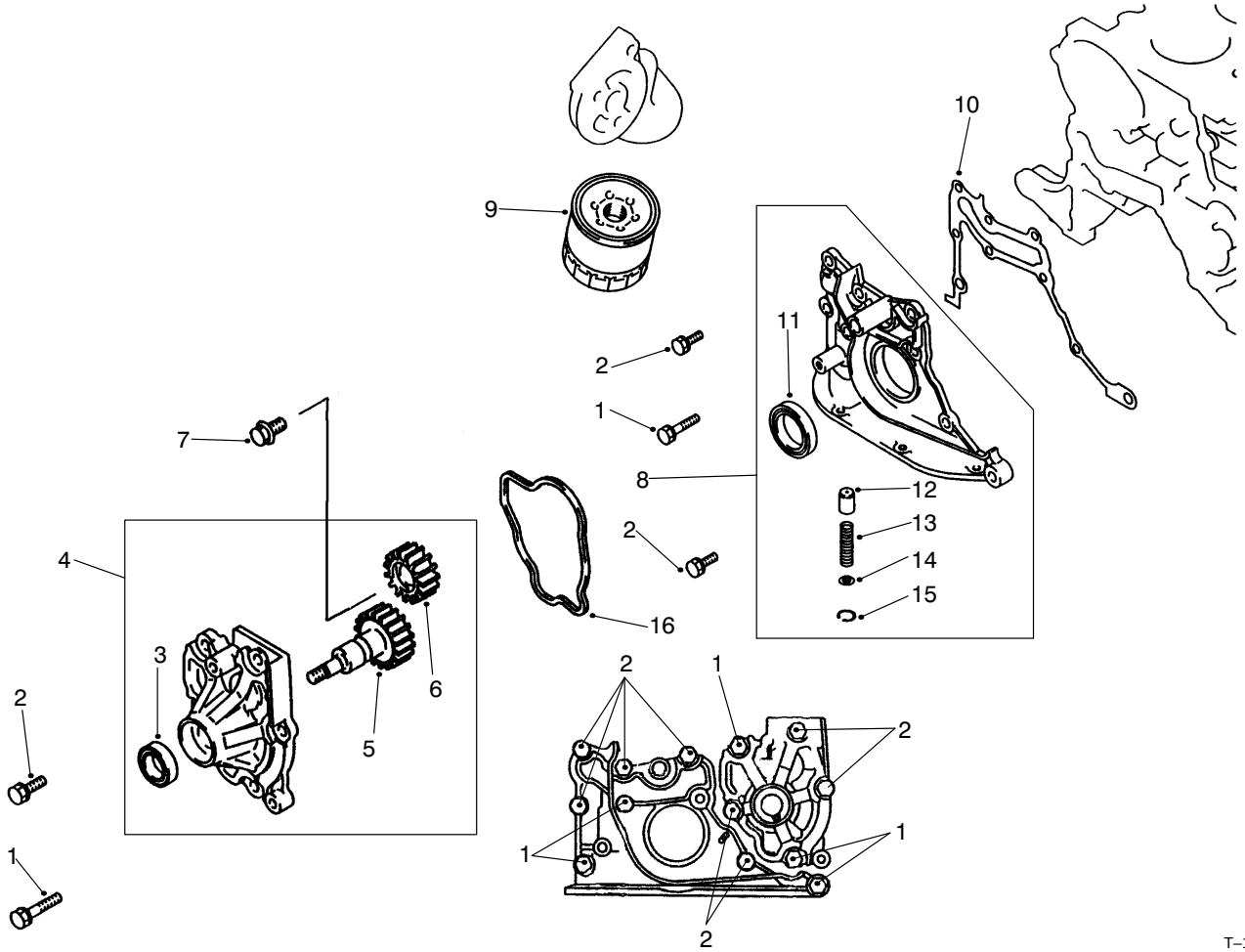


T–1635–1

Balancer and Oil Pressure Switch and Engine Mount

Ref. No.	Part No.	Qty.	Description
1	92–1998	1	Shaft–Balancer
2	92–2022	1	Mount–Engine
3	67–2440	3	Bolt–Mount, Engine
4	92–1978	1	Switch–Pressure, Oil

Ref. No.	Part No.	Qty.	Description

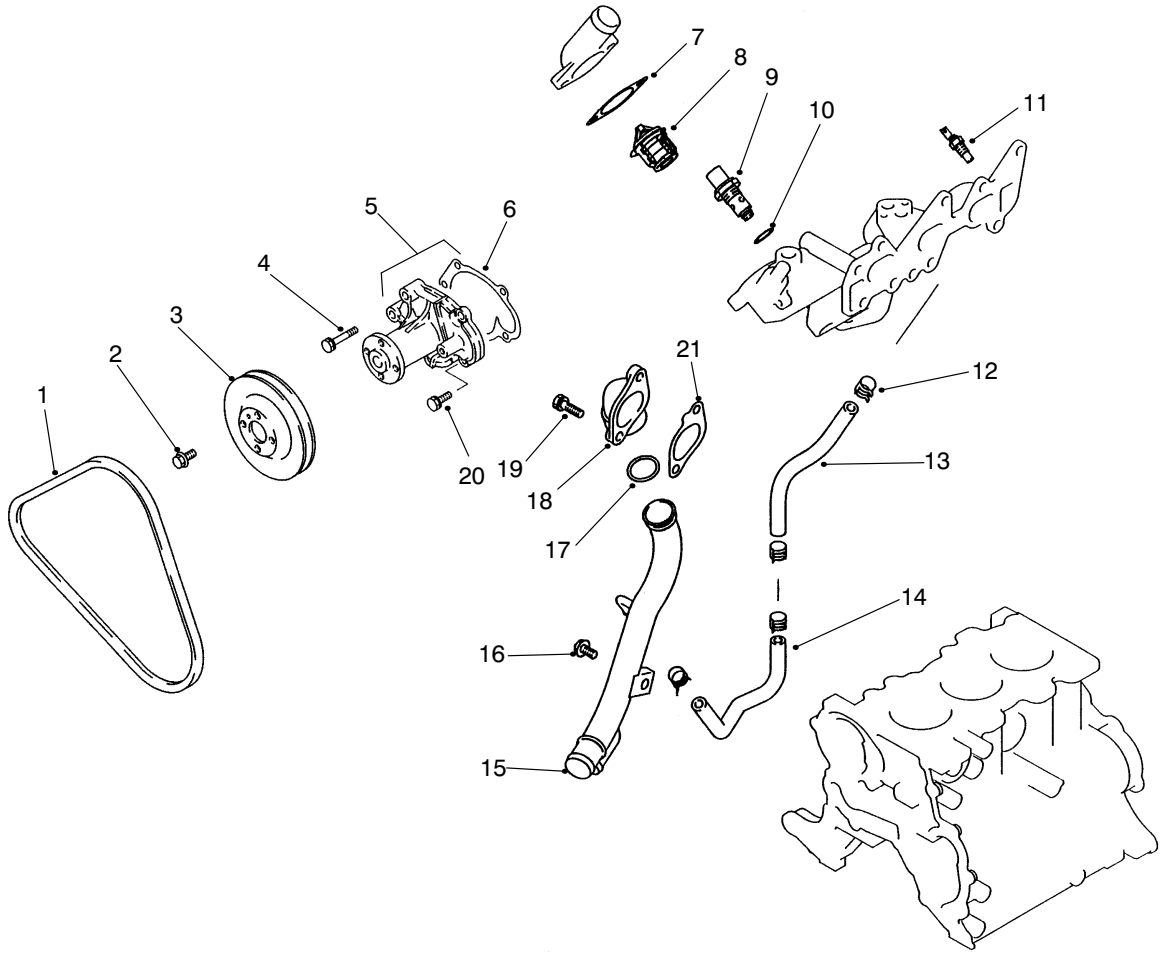


T–1636–1

Oil Pump and Filter Assembly

Ref. No.	Part No.	Qty.	Description
1	67–2560	5	Bolt/washer
2	42–9400	8	Bolt/washer
3	92–2032	1	Seal–Oil
4	92–2046	1	Oil Pump ASM (Incl. Ref.#3, 5 & 6)
5	92–1948	1	Gear–Pump, Oil
6	92–1949	1	Gear–Pump, Oil
7	92–1918	1	Bolt–Head, Flange
8	92–1974	1	Case ASM (Incl. Ref.#11–15)
9	67–4330	1	Filter–Oil
10	92–1946	1	Gasket–Front
11	92–1960	1	Seal–Oil
12	92–1927	1	Plunger–Relief
13	92–1928	1	Spring–Relief
14	92–1983	1	Retainer
15	92–2150	1	Ring–Snap
16	92–1941	1	Gasket–Oil

Ref. No.	Part No.	Qty.	Description

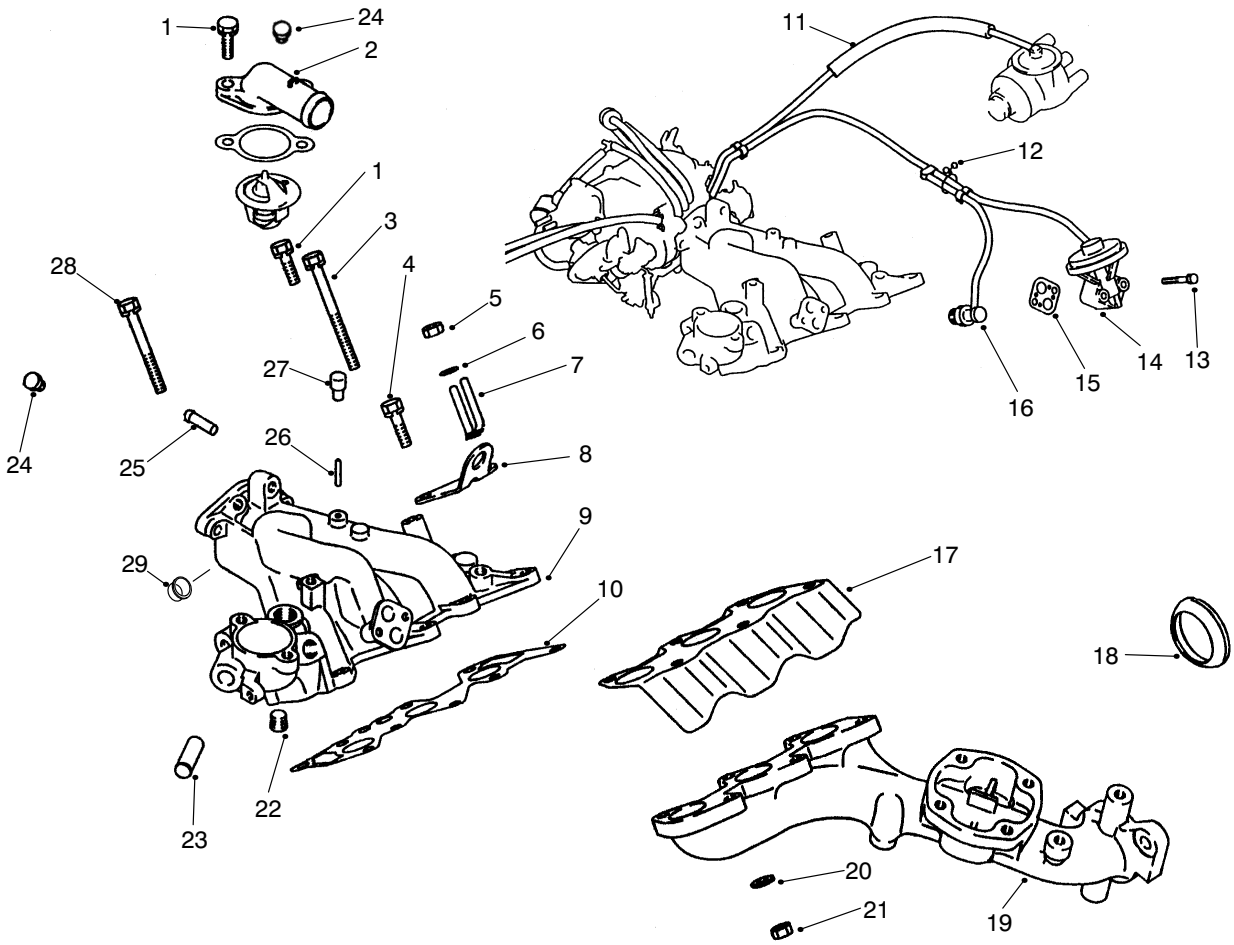


T–1639–1

Water Pump and Thermostat Assembly

Ref. No.	Part No.	Qty.	Description
1	92–2041	1	V–Belt
2	92–5112	4	Bolt–HFH
3	92–2040	1	Pulley
4	92–2142	3	Bolt/washer
5	92–2060	1	Water Pump ASM (Incl. Ref.#6)
6	92–1989	1	Gasket
7	92–1950	1	Gasket
8	92–2039	1	Kit–Thermostat (Incl. Ref.#7)
9	92–5160	1	Valve–Thermostat
10	92–5161	1	Gasket
11	92–1933	1	Gauge–Temperature, Water
12	54–1400	4	Clip
13	92–1924	1	Hose–By–Pass, Water
14	92–2009	1	Hose–By–Pass
15	92–2024	1	Pipe–Water
16	92–2132	1	Bolt
17	92–1908	1	O–Ring
18	92–2008	1	Cover
19	92–2138	2	Bolt
20	42–9400	2	Bolt
21	92–2155	1	Gasket–Inlet, Water

Ref. No.	Part No.	Qty.	Description

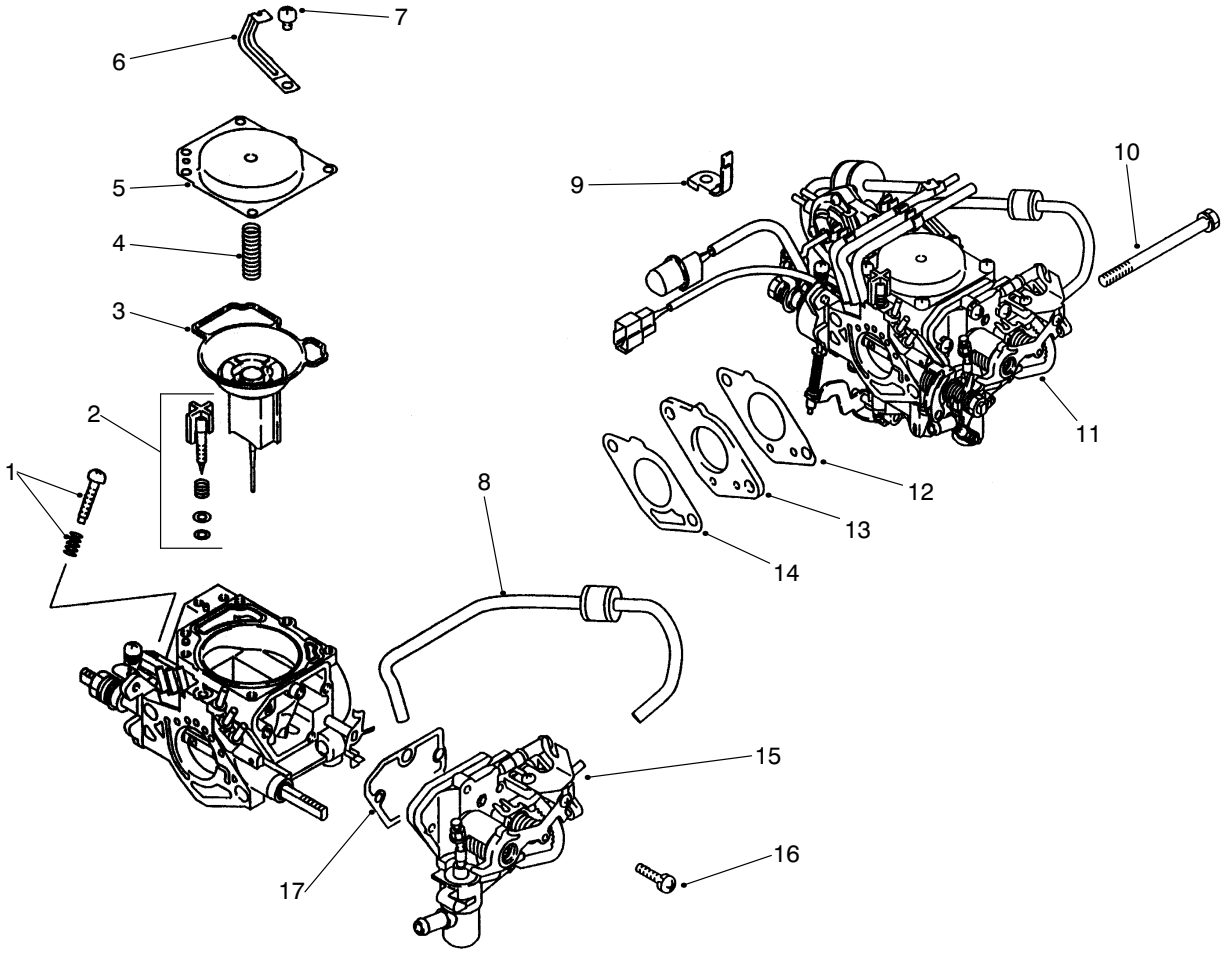


T–1640–1

Exhaust and Intake Manifold Assembly

Ref. No.	Part No.	Qty.	Description
1	92–2138	3	Bolt
2	92–2157	1	Outlet–Water
3	92–2141	2	Bolt
4	92–2139	1	Bolt
5	67–4670	2	Nut
6	67–3260	2	Washer
7	92–1901	1	Clip
8	92–1963	1	Mount–Engine
9	92–2054	1	Manifold–Intake (Incl. Ref.#22, 23, 25 & 26)
10	92–1993	1	Gasket–Intake
11	92–5164	1	Hose ASM
12	92–5165	1	Clip
13	92–5166	2	Bolt
14	94–5294	1	Valve–EGR
15	92–5163	1	Gasket–Valve, EGR
16	92–1906	1	Valve ASM
17	92–2036	1	Cover–Manifold, Exhaust
18	92–2044	1	Gasket–Ring, Exhaust
19	92–2023	1	Manifold–Exhaust
20	48–8030	6	Washer
21	48–7930	6	Nut
22	67–2390	1	Plug–Taper
23	92–1912	1	Pipe–Manifold

Ref. No.	Part No.	Qty.	Description
24	92–5162	2	Plug–Inlet
25	92–1917	1	Nipple
26	92–1951	1	Nipple
27	92–2002	1	Cap Inlet
28	92–2140	1	Bolt
29	92–2151	1	Cap–Plug



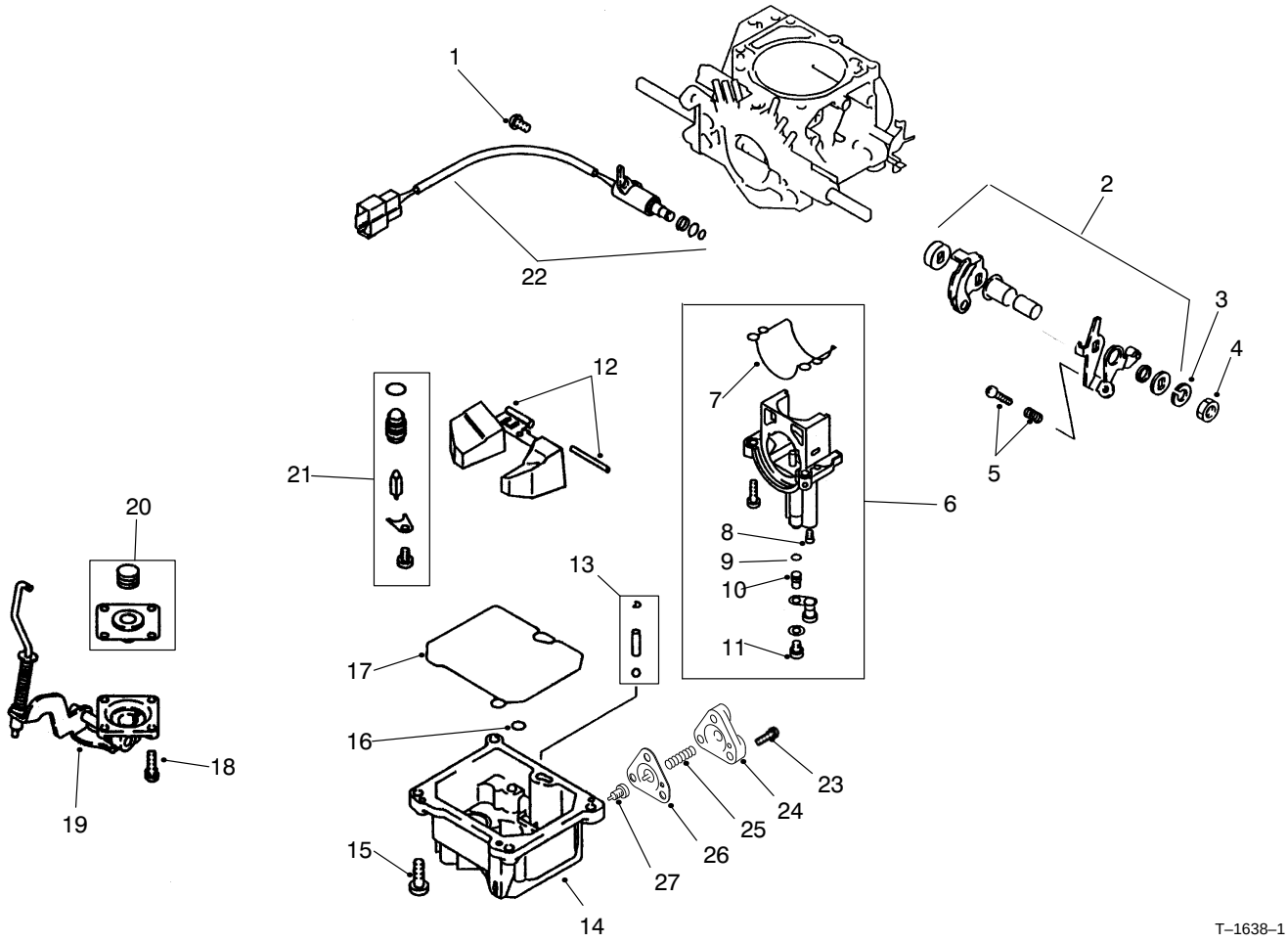
T–1637–1

Carburetor Installation Assembly

Ref. No.	Part No.	Qty.	Description
1	92–5136	1	Kit–Screw, Adjusting
†2		1	Kit–Screw, Mixing
3	92–5142	1	Valve–Piston, Carburetor
4	92–5137	1	Spring
5	92–5126	1	Cover–Top, Carburetor
6	92–5156	1	Clamp–INR, Carburetor
7	92–5145	6	Screw
8	92–5134	1	Orifice–Choke
9	92–5155	1	Clamp–Carburetor
10	92–5157	2	Bolt
11	94–5288	1	Carburetor
12	92–2038	1	Kit–Gasket
13	92–5128	1	Insulator–Carburetor
14	92–2037	1	Kit–Gasket
15	92–5124	1	Body–Choke, Auto
16	92–5149	1	Screw
17	92–5143	1	Gasket–Choke, Auto

Ref. No.	Part No.	Qty.	Description

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



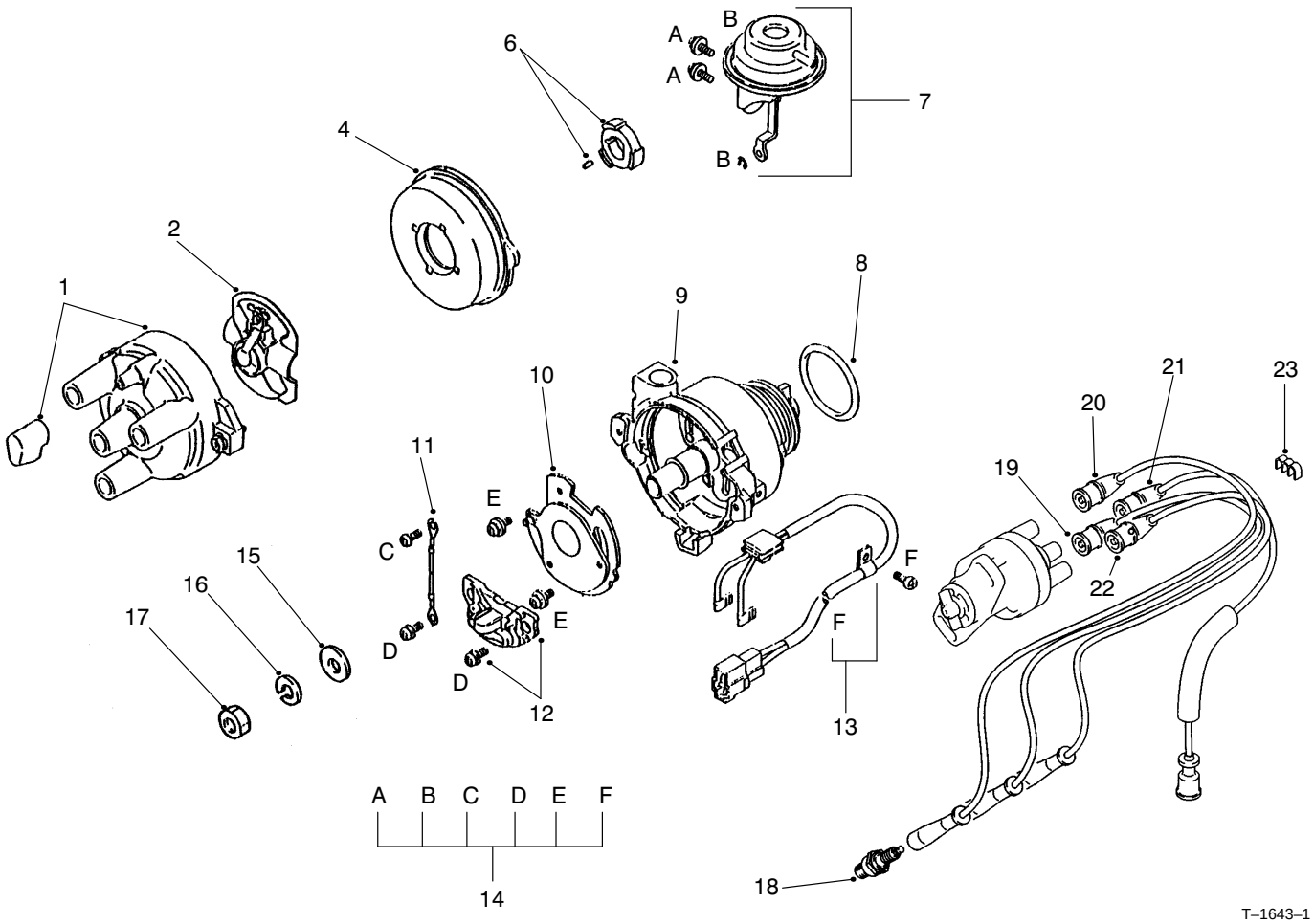
T–1638–1

Carburetor Assembly

Ref. No.	Part No.	Qty.	Description
1	92–5148	1	Screw
2	92–5133	1	Kit–Lever, Throttle
3	67–3260	1	Washer
4	92–5154	1	Nut–Carburetor, INR
5	92–5135	1	Kit–Adjusting Screw, Idle
†6		1	Kit–Holder, Main Jet (Incl. Ref.#7–11)
†7		1	O–Ring
†8		1	Jet–Pilot
†9		1	O–Ring
†10		1	Jet–Main
†11		1	Jet–Power
12	92–5127	1	Kit–Float & Pin
13	92–5125	1	Kit–Valve, Check
14	94–5293	1	Float Chamber Cover ASM (Incl. Ref. #23–27)
15	92–5147	4	Screw
16	92–5151	1	O–Ring
17	92–5153	1	O–Ring
18	92–5146	4	Screw
19	92–2110	1	Cover–Pump, Acc.
20	92–2154	1	Kit–Diaphragm
21	92–5140	1	Kit–Valve, Needle
22	92–5141	1	Valve–Cut–Off, Fuel

Ref. No.	Part No.	Qty.	Description
23		1	Screw
24		1	Cover–Diaphragm
25		1	Spring–Diaphragm
26		1	Diaphragm–Beyond, Power
27		1	Jet–Beyond, Power

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

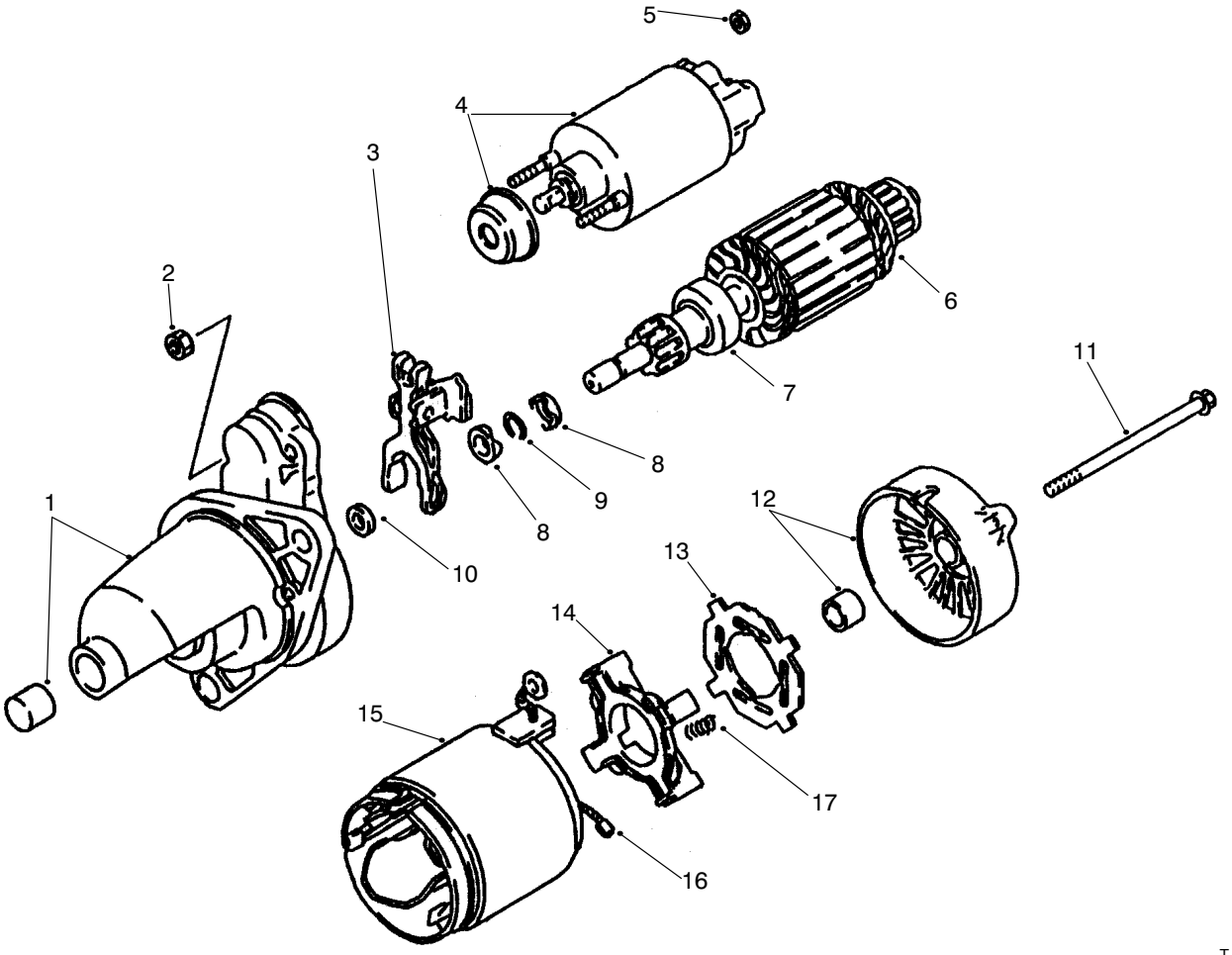


Distributor Assembly

Ref. No.	Part No.	Qty.	Description
1	92–2114	1	Cap ASM
2	92–2113	1	Rotor
4	98–2953	1	Cover
6	92–2116	1	Signal Rotor ASM
7	92–2117	1	Chamber–Vacuum
8	92–2109	1	O–Ring
9	92–2122	1	Housing
10	92–2118	1	Plate
11	92–2119	1	Wire–Lead
12	92–2108	1	Set–Igniter
13	92–2121	1	Lead Wire ASM
14	92–2115	1	Set–Screw
15	92–2146	1	Washer
16	67–3260	1	Washer
17	67–4670	1	Nut
18	92–2153	3	Plug–Spark (NGK BPR4ES)
19	94–5233	1	Wire–Spark Plug, #2
20	94–5232	1	Wire–Spark Plug, #1
21	92–2028	1	Wire–Tension, High
22	94–5234	1	Wire–Spark Plug, #3
23	92–5172	1	Clamp
*	92–2043	1	Distributor ASM (Incl. Ref.#1–14)

Ref. No.	Part No.	Qty.	Description
*	92–2125	1	Spark Plug Wire Set ASM (Incl. Ref.#19–22)

* Not Illustrated



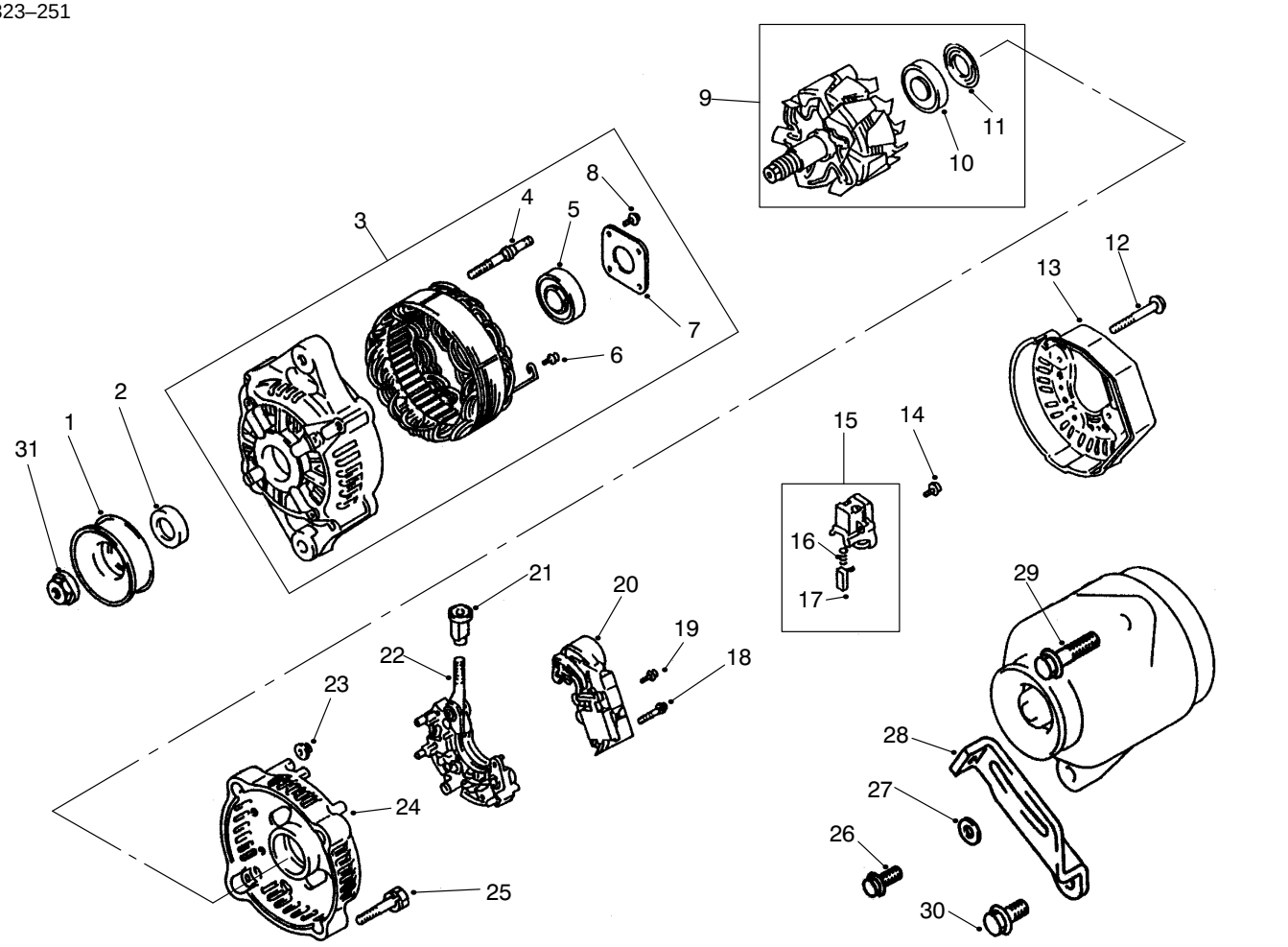
T–1641–1

Starter Assembly

Ref. No.	Part No.	Qty.	Description
1	92–5167	1	Bracket–Front
2	92–2106	2	Nut
3	92–2102	1	Lever–Clutch
4	92–2095	1	Kit–Switch
5	92–2107	1	Nut
6	92–2093	1	Armature
7	92–2094	1	Clutch
8	92–2097	2	Nut
9	92–2096	1	Ring–Snap
10	92–2098	1	Washer
11	92–2099	2	Bolt
12	92–5168	1	Bracket–Rear
13	92–2092	1	Insulator
14	92–2091	1	Holder ASM
15	92–2088	1	Yoke (Incl. Ref.#16)
16	92–2089	4	Brush
17	92–2090	4	Spring
*	92–2055	1	Starter ASM (Incl. Ref.#1–17)

Ref. No.	Part No.	Qty.	Description

* Not Illustrated



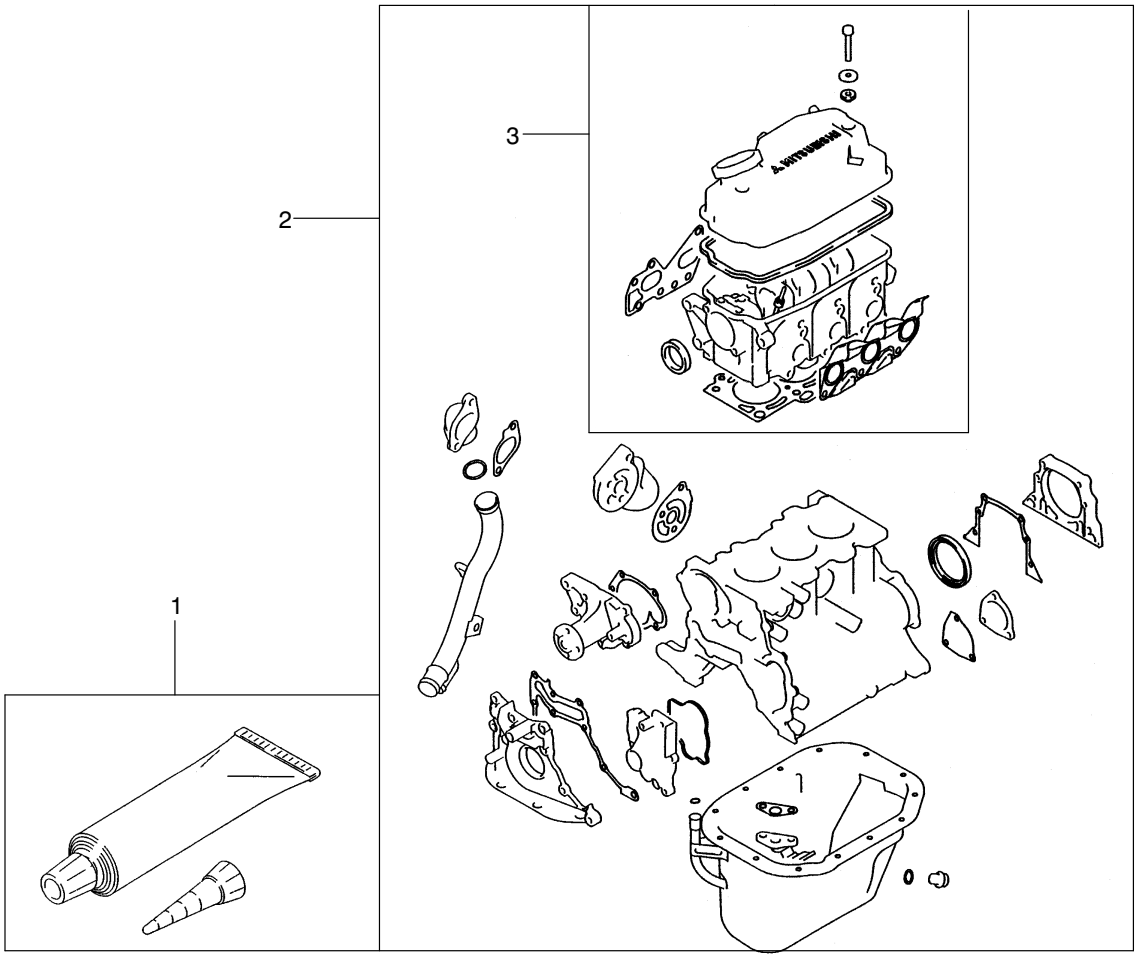
T–1642–1

Alternator Assembly

Ref. No.	Part No.	Qty.	Description
1	92–5169	1	Pulley
2	92–2079	1	Collar
3	92–2103	1	Front Bracket ASM (Incl. Ref.#4–8)
4	92–2078	2	Bolt
5	92–2065	1	Bearing
6	92–2085	6	Screw w/Washer
7	92–2076	1	Plate
8	92–2077	4	Screw
9	92–2075	1	Rotor ASM (Incl. Ref.#10–11)
10	92–2070	1	Bearing
11	92–2069	1	Cover–Bearing
12	92–2087	3	Bolt w/Washer
13	92–2081	1	Cover–End
14	92–2085	6	Screw w/Washer
15	92–2073	1	Holder ASM (Incl. Ref.#16–17)
16	92–2067	2	Spring–Brush
17	92–2068	2	Brush
18	92–2071	2	Screw
19	92–2086	1	Screw w/Washer
20	92–2084	1	Regulator
21	92–2083	1	Bushing
22	92–2082	1	Rectifier
23	92–2066	2	Nut

Ref. No.	Part No.	Qty.	Description
24	92–2080	1	Frame–End
25	92–2100	2	Bolt
26	92–2133	1	Bolt–HFH
27	92–1984	1	Washer
28	92–2011	1	Brace
29	92–1932	1	Bolt
30	92–2134	1	Bolt–HFH
31	92–2156	1	Nut–Alternator
*	92–2025	1	Alternator ASM (Incl. Ref.#1–25 & 31)

* Not Illustrated



T–1629–1

Gasket Kit

Ref. No.	Part No.	Qty.	Description
1	92–5100	1	Gasket–Liquid
2	92–2127	1	Kit–Gasket, Overhaul
3	92–2126	1	Kit–Gasket, Upper

Ref. No.	Part No.	Qty.	Description

Maintenance Record

Date								

Maintenance Record

Date								


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