



**3210**

**Workman<sup>®</sup> Heavy Duty Industrial 2 Wheel Drive**

**Model No. 07220—21000001 and Up**

## Parts Catalog

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### Ordering Replacement Parts

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

### Understanding Reference Numbers

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

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

### Service Assembly Reference Numbers

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

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

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

### Reference Numbers Indicating Quantity

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

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

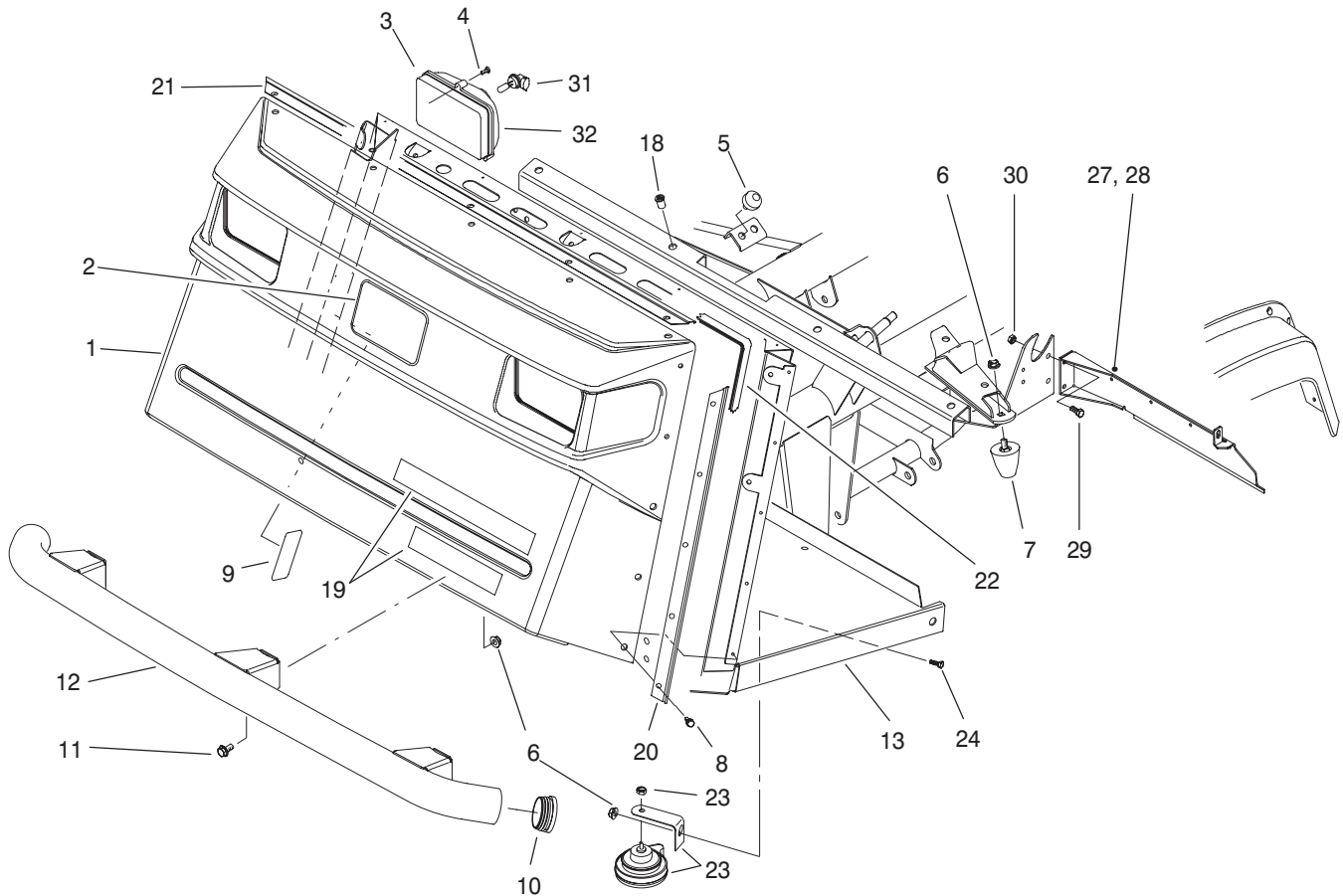
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## Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

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

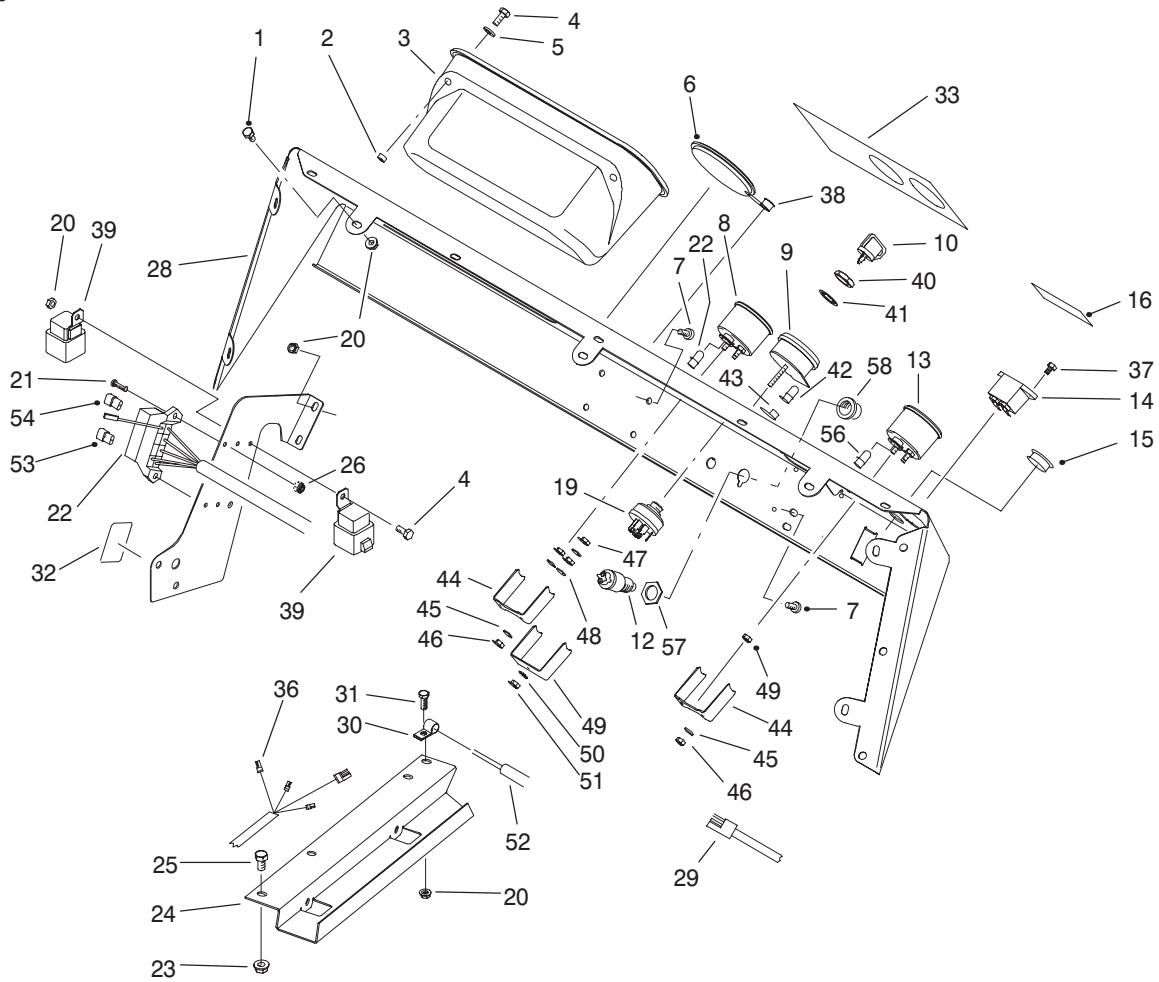


T-2995

## Front Bumper and Hood Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	98-2979	1	Hood	*28	94-3839	1	Bracket-Mudflap, RH
2	62-5550	1	Decal-TORO	29	321-4	4	Screw-HH
3	87-2120	2	Headlight ASM (Incl. Ref. #31-32)	30	32128-33	4	Nut-Lock
4	32104-88	6	Screw	31	87-6320	2	Bulb-Headlight
5	87-2440	2	Bumper	32	87-6330	2	Lens-Headlight
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				

\* Not Illustrated



T-3163

## Control Panel Assembly

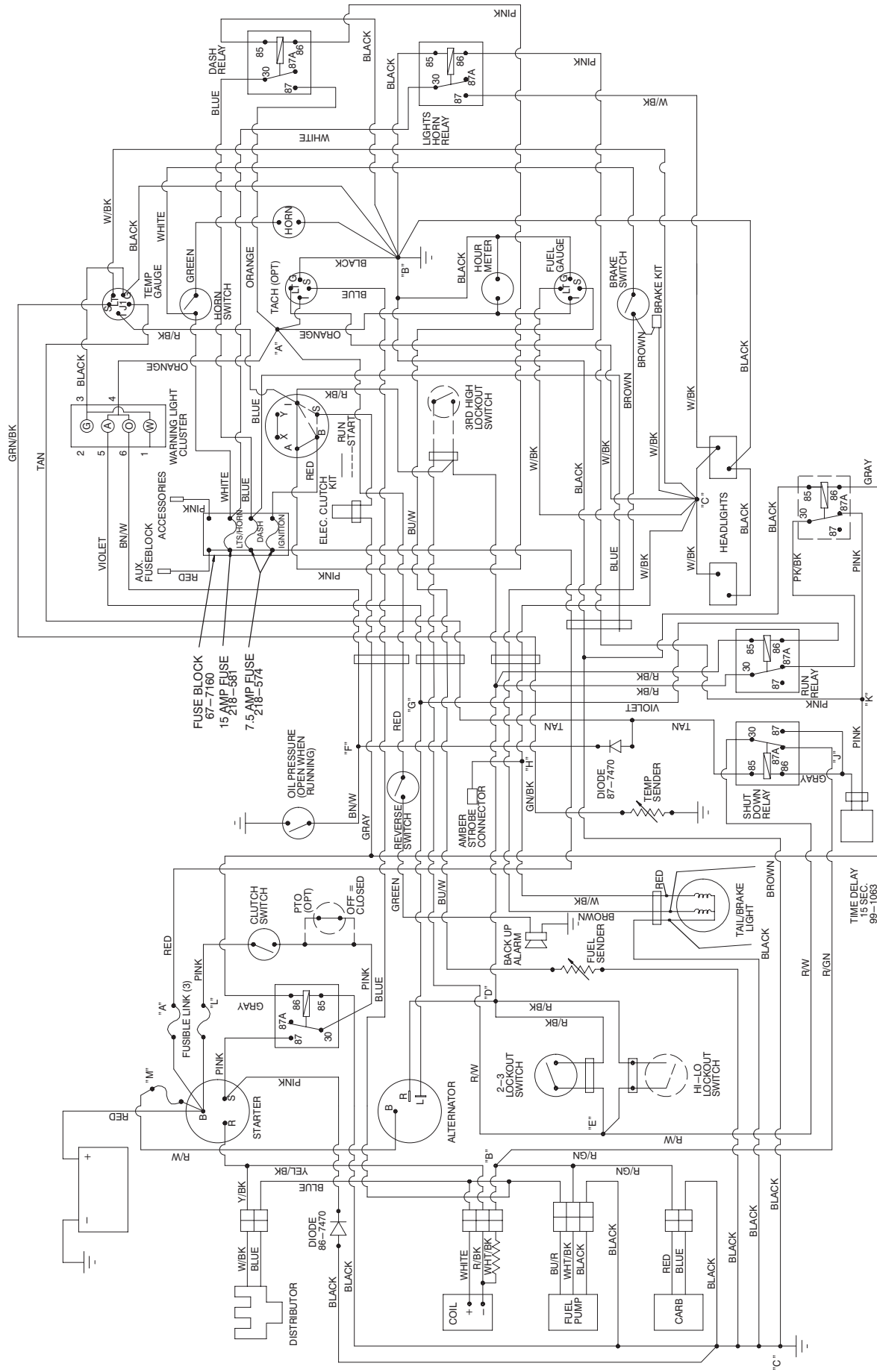
Ref. No.	Part No.	Qty.	Description
1	321-2	7	Screw-HH
2	32148-6	2	Insert-Threaded
3	87-3780	1	Box-Glove
4	321-3	3	Screw-HH
5	3256-22	2	Washer-Flat
6	2410-35	1	Plug
7	3274-31	4	Screw-Button Head
8	99-1211	1	Temp. Gauge ASM (Incl. Ref. #44-48)
9	93-7053	1	Warning Light ASM (Incl. Ref. #42-43 & 49-51)
10	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)

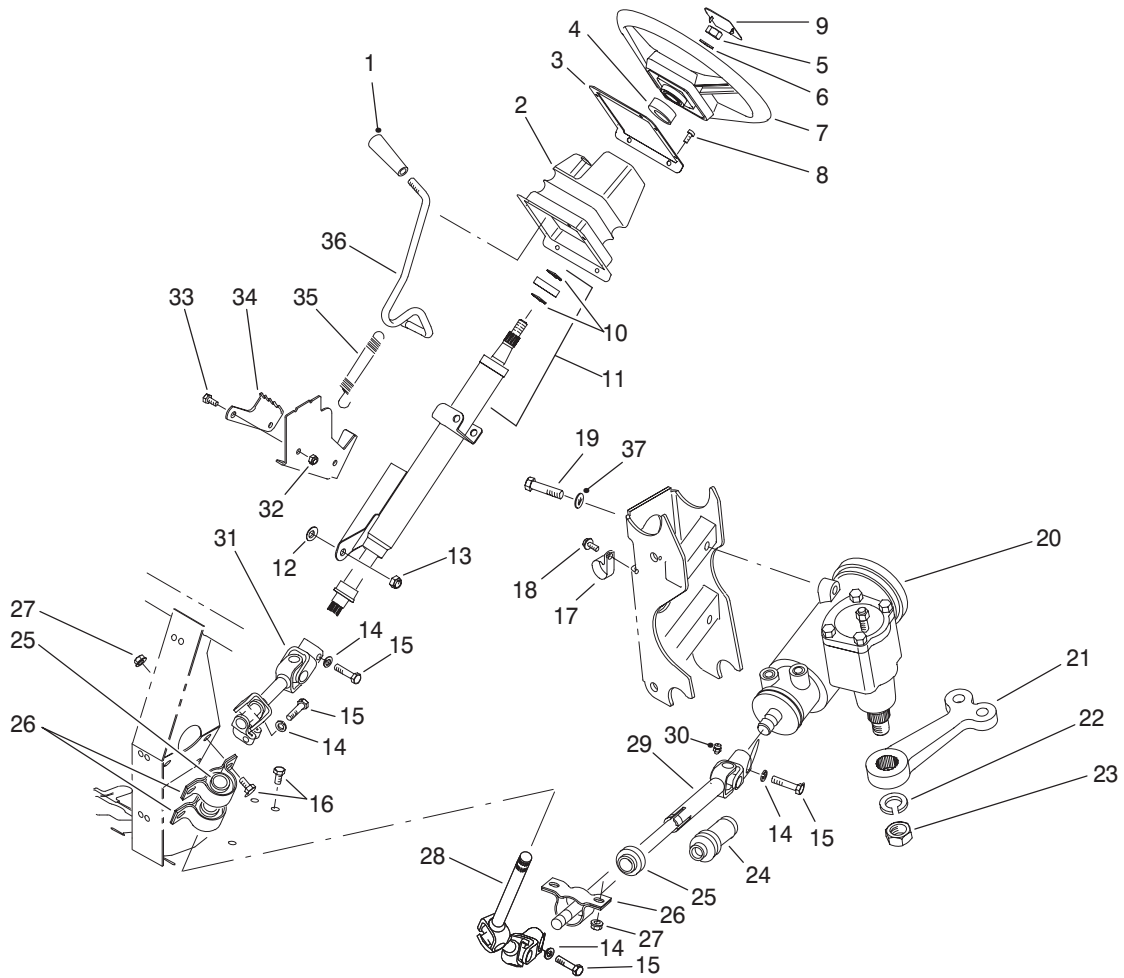
Ref. No.	Part No.	Qty.	Description
23	32128-20	3	Nut-Flange
24	93-7094	1	Cover-Wire Harness
25	322-2	3	Screw-HH
26	3296-2	2	Nut-Lock
☆28		1	Control Panel ASM (Incl. Ref. #16 & 33)
29	99-1083	1	Wire Harness-Front, LH
30	2412-89	1	Clamp-R
31	321-4	1	Screw-HH
32	87-6670	1	Decal-Fuse
33	87-8520	1	Decal-Dash
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

☆ Not Serviced



# Electrical Schematic



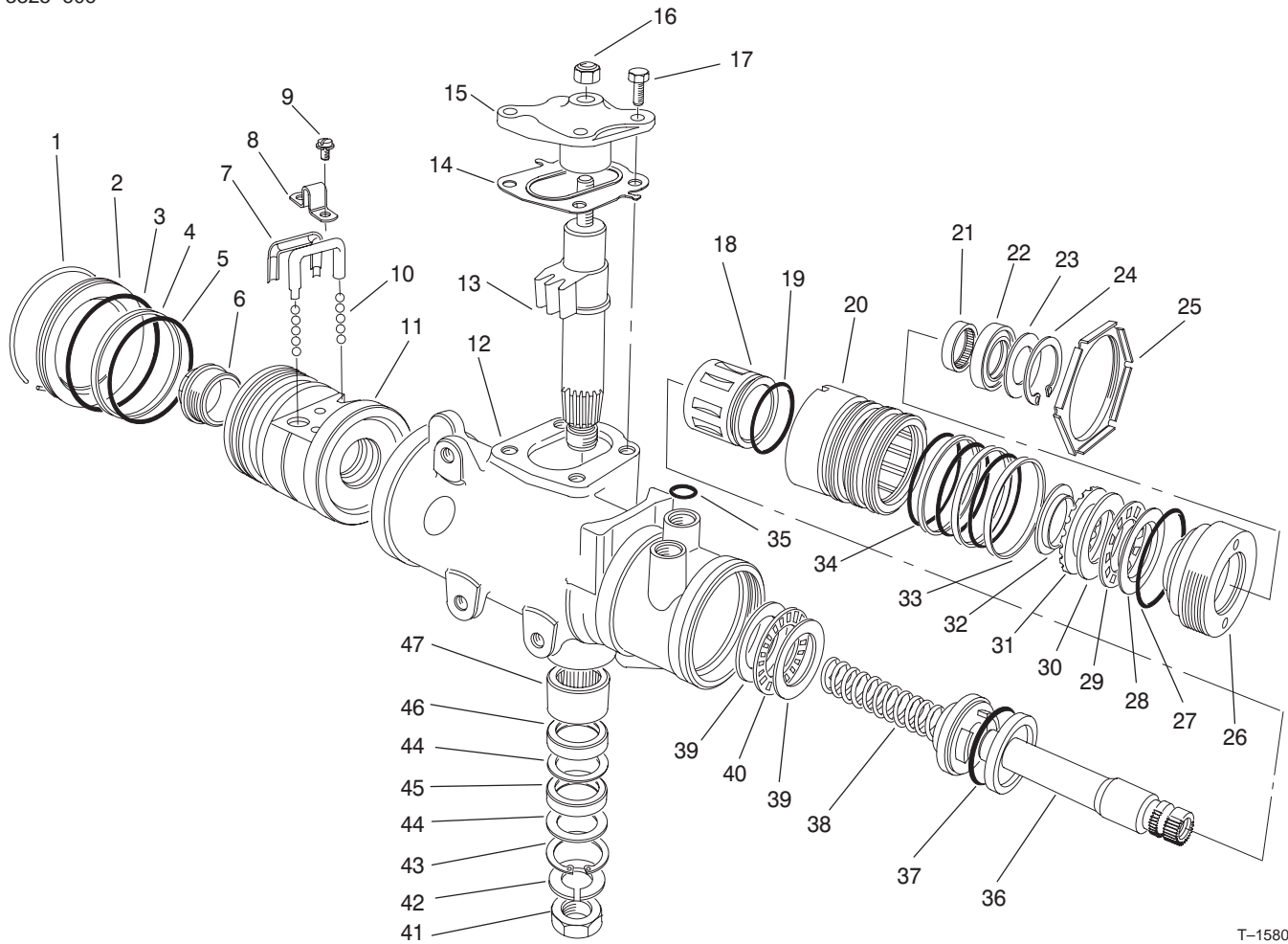


T-1584-1

## Steering Linkage Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	233-39	1	Knob	25	87-2280	3	Bearing
2	87-3460	1	Boot-Steering, Tilt	26	87-3250	3	Mount-Bearing
3	87-4720	1	Plate-Boot, Steering	27	32128-20	6	Nut-HFH
4	21-9260	1	Spacer	28	92-4155	1	Upper Slip Joint ASM
5	3277-1	1	Nut-Hex	29	92-4156	1	Lower Slip Joint ASM (Incl. Ref. #24 & 30)
6	48-8070	1	Washer-Flat	30	302-5	1	Fitting-Grease
7	87-3820	1	Wheel-Steering	31	92-4154	1	Universal Joint ASM
8	32144-116	8	Screw-PH	32	3296-42	2	Nut-Lock
9	87-3750	1	Cover-Wheel, Steering	33	321-3	2	Screw-HH
10	43-6550	2	Ring-Retaining	34	87-3610	1	Bracket-Detent
11	92-4153	1	Steering Column ASM (Incl. Ref. #10)	35	65-5360	1	Spring-Extension
12	3290-455	1	Washer	36	87-3130	1	Lever-Steering, Tilt
13	3296-59	1	Nut-Lock	37	87-7480	3	Washer-Flat
14	3253-4	4	Washer-Lock	*	87-3100	1	Lower Shaft ASM (Incl. Ref. #24 & 28-30)
15	48-7740	4	Screw-HH	*	87-3120	1	Steering Column & Shaft (Incl. Ref. #10, 11 & 31)
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				

\* Not Illustrated



T-1580-1

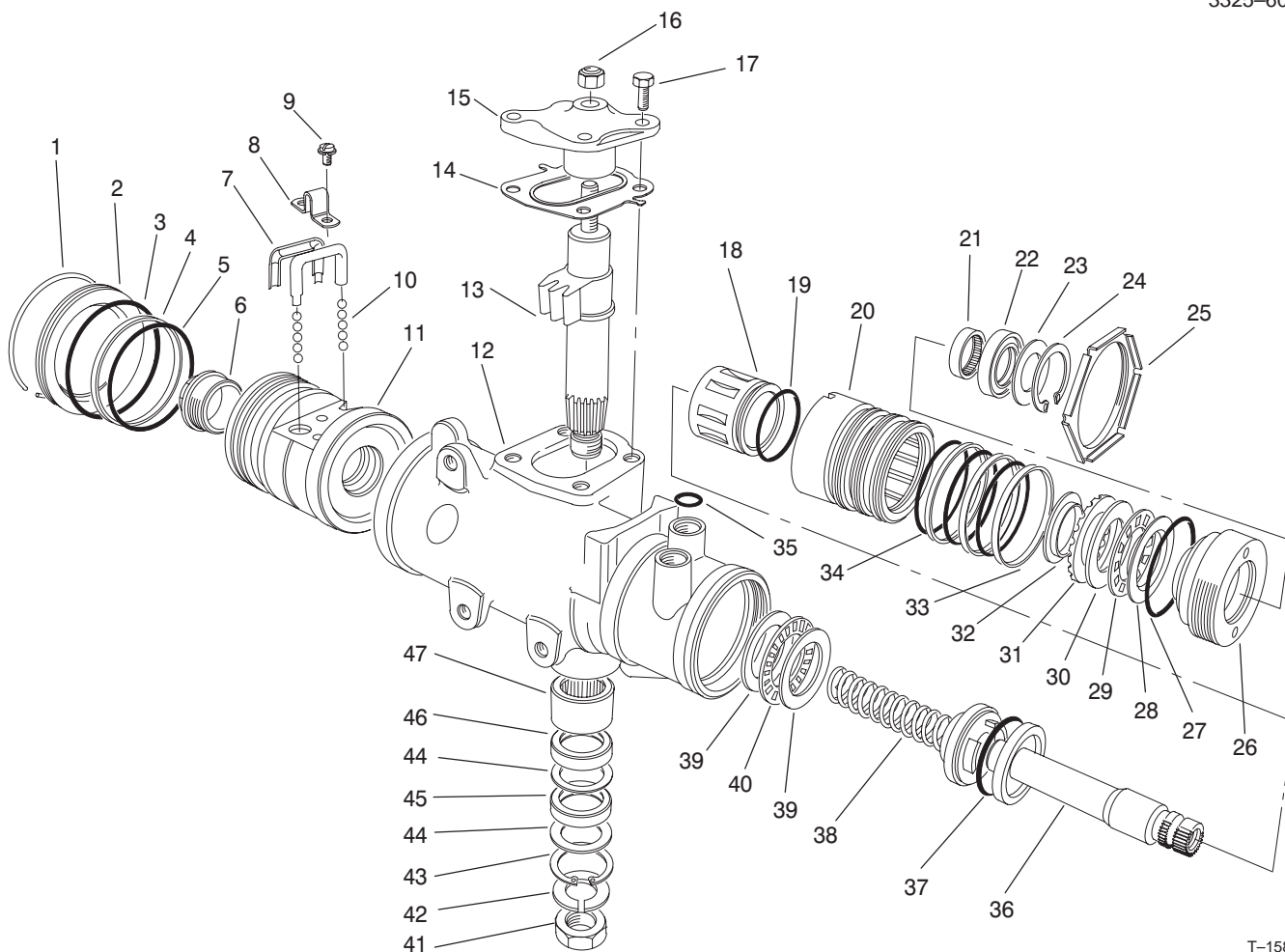
## Steering Gear Assembly No. 87-1500

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

☆ Not Serviced



T-1580-1

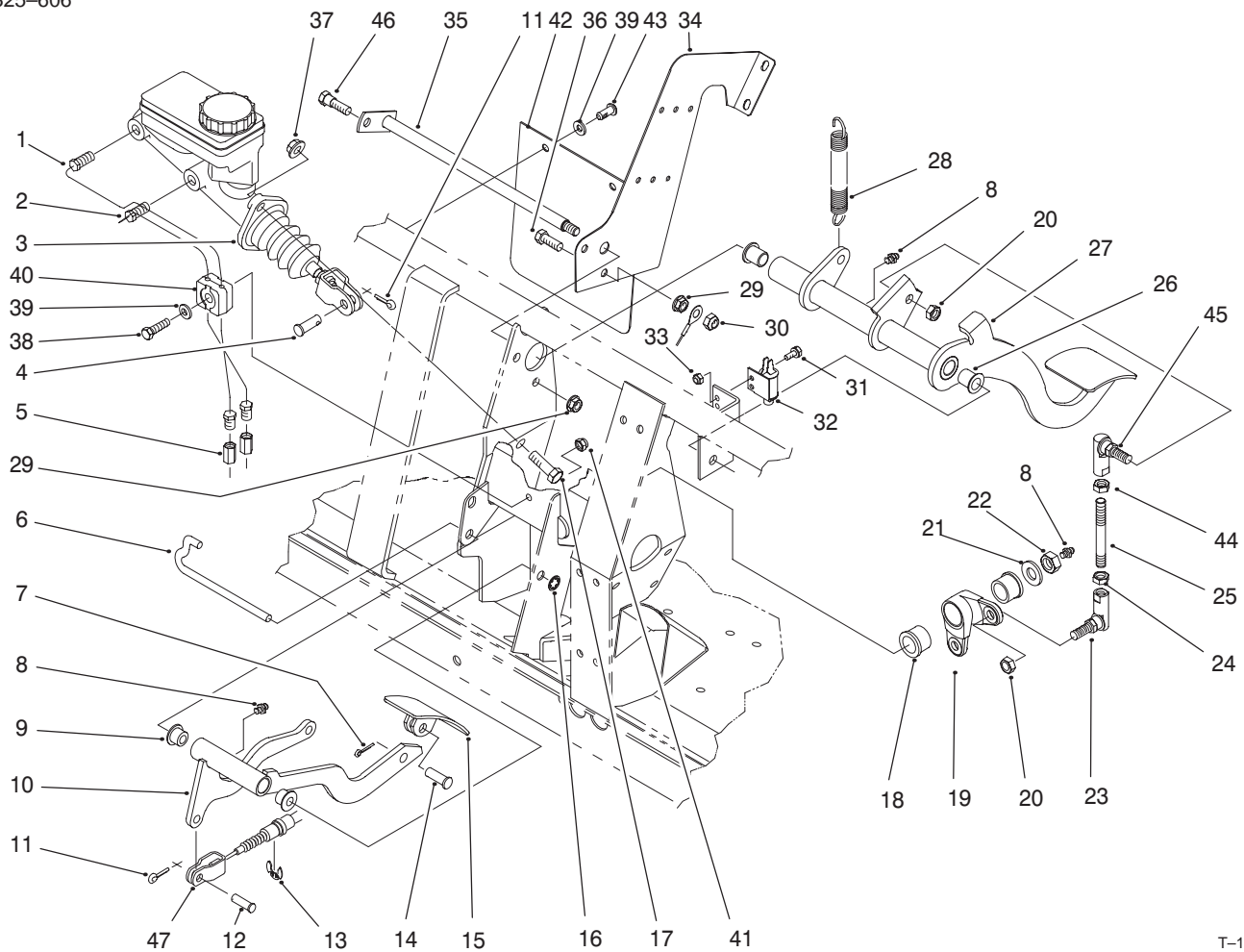
### Steering Gear Assembly No. 87-1500 (Continued)

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

☆ Not Serviced



T-1585-2

## Brake and Accelerator Pedal Assembly

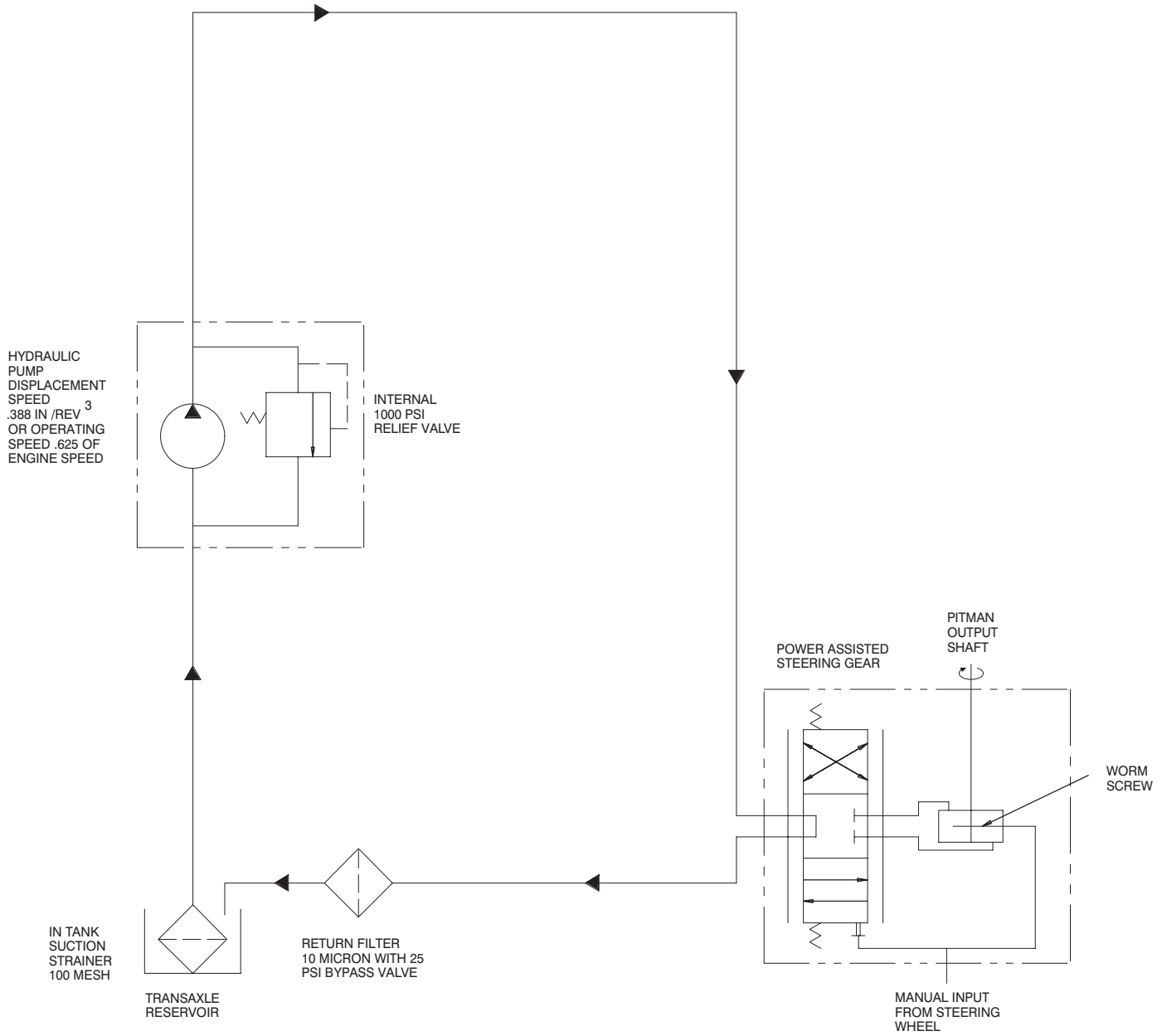
Ref. No.	Part No.	Qty.	Description
1	94-3814	1	Tube-Hydraulic
2	94-3815	1	Tube-Hydraulic
3	94-3800	1	Master Cylinder ASM
4	283-2	1	Pin-Clevis
5	87-3570	2	Union-Line, Brake
6	87-2880	1	Shaft-Pedal, Accelerator
7	3272-6	1	Pin-Cotter
8	302-5	3	Fitting-Grease
9	256-259	2	Bushing-Flange
10	93-8961	1	Arm-Pedal, 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

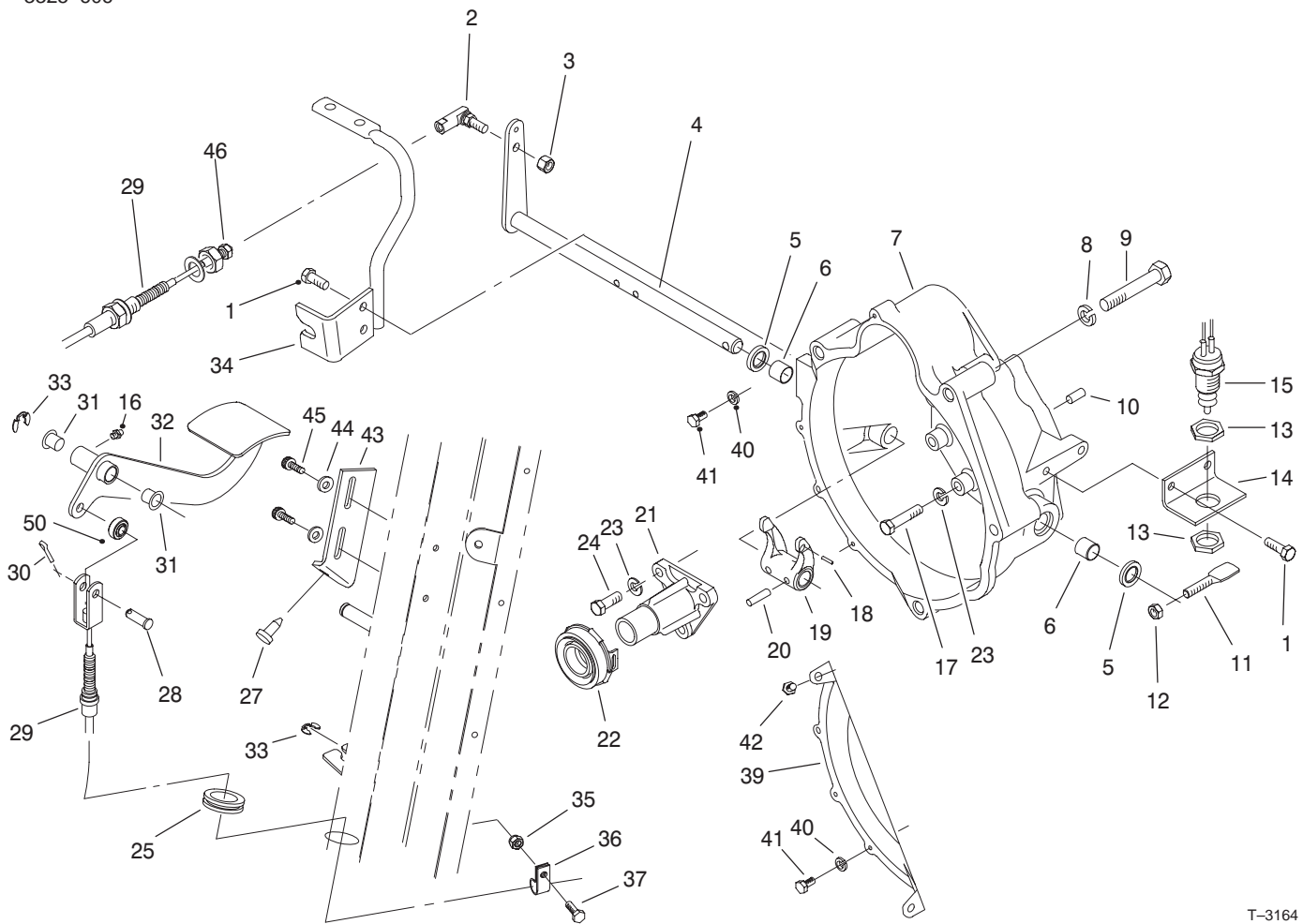
Ref. No.	Part No.	Qty.	Description
25	94-5299	1	Rod-Link
26	256-155	2	Bushing-Flange
27	93-8965	1	Pedal-Brake
28	76-9430	1	Spring-Extension
29	32128-20	2	Nut-HFH
30	3296-29	1	Nut-Lock
31	3290-321	2	Screw-HFH
32	55-7120	1	Switch-Light, Brake
33	3296-2	2	Nut-Lock
34	94-3821	1	Plate-Frame, Center
35	95-7394	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





# Hydraulic Schematic





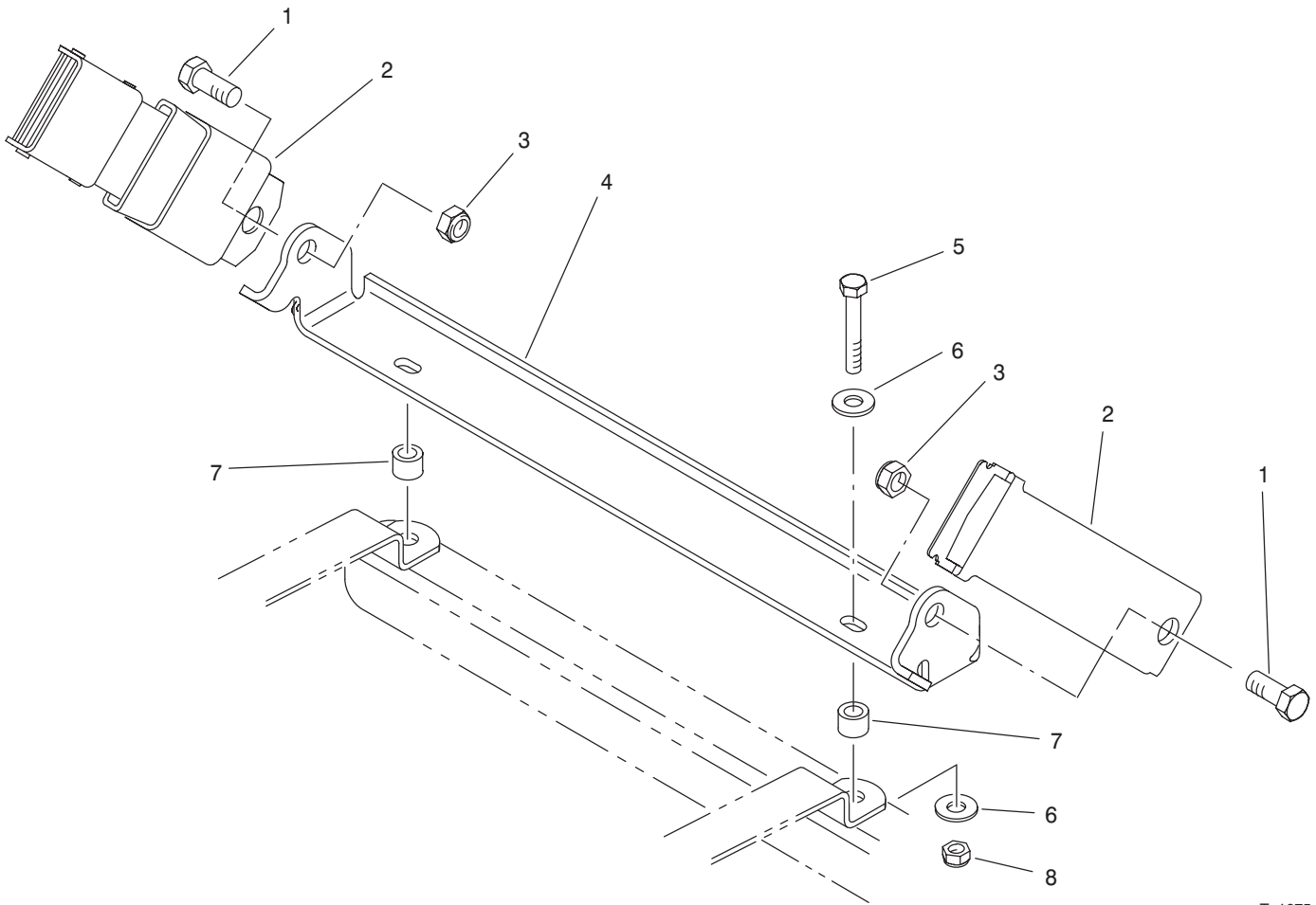
T-3164

## 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-1675

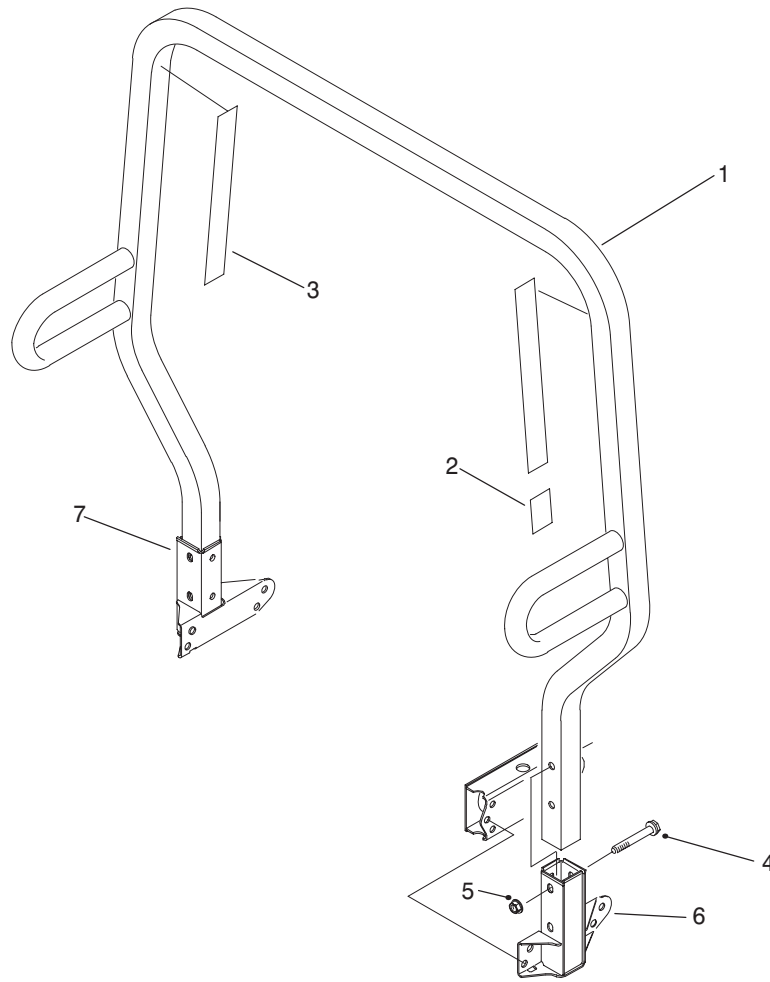
### Seat Belt Assembly

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.



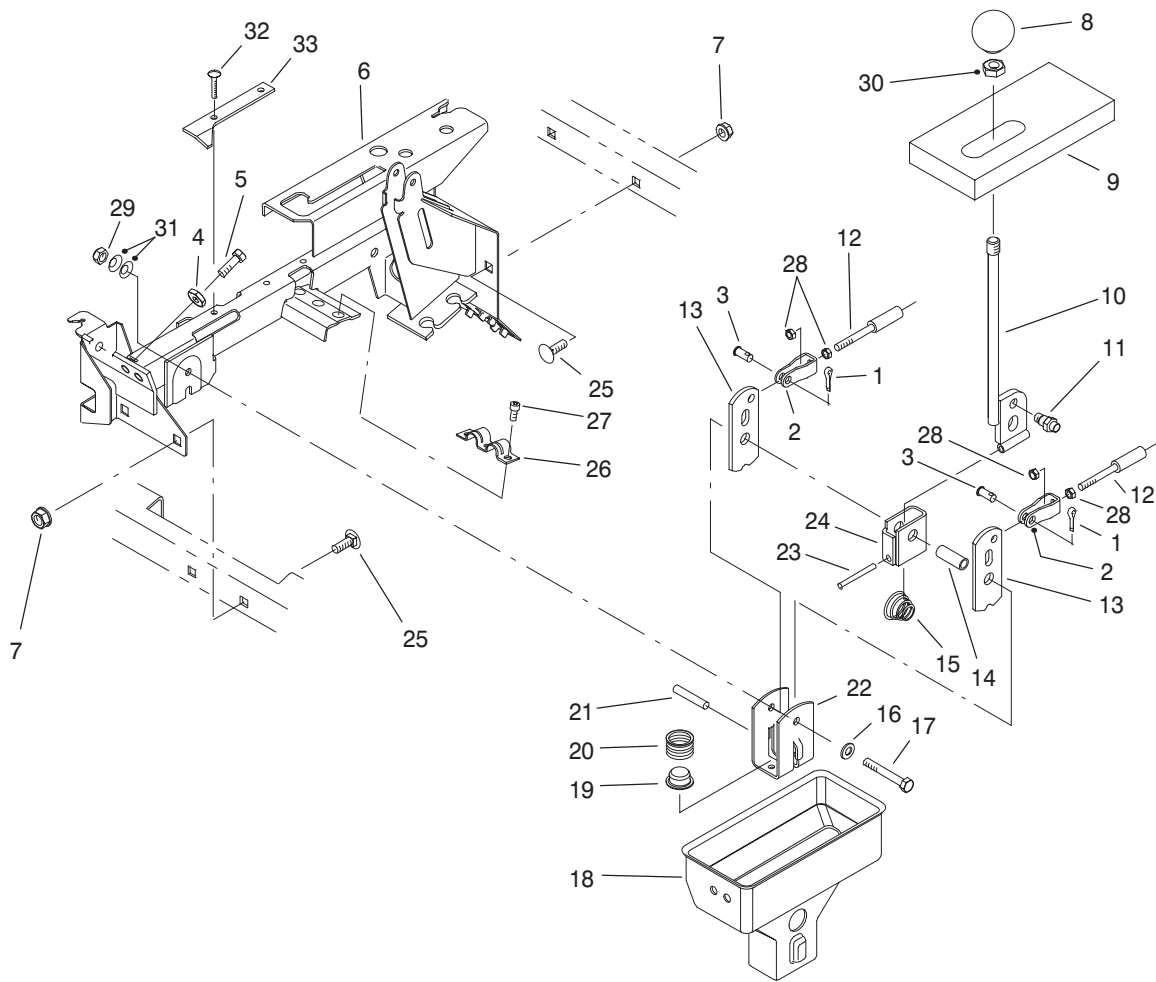


T-1592-1

## 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
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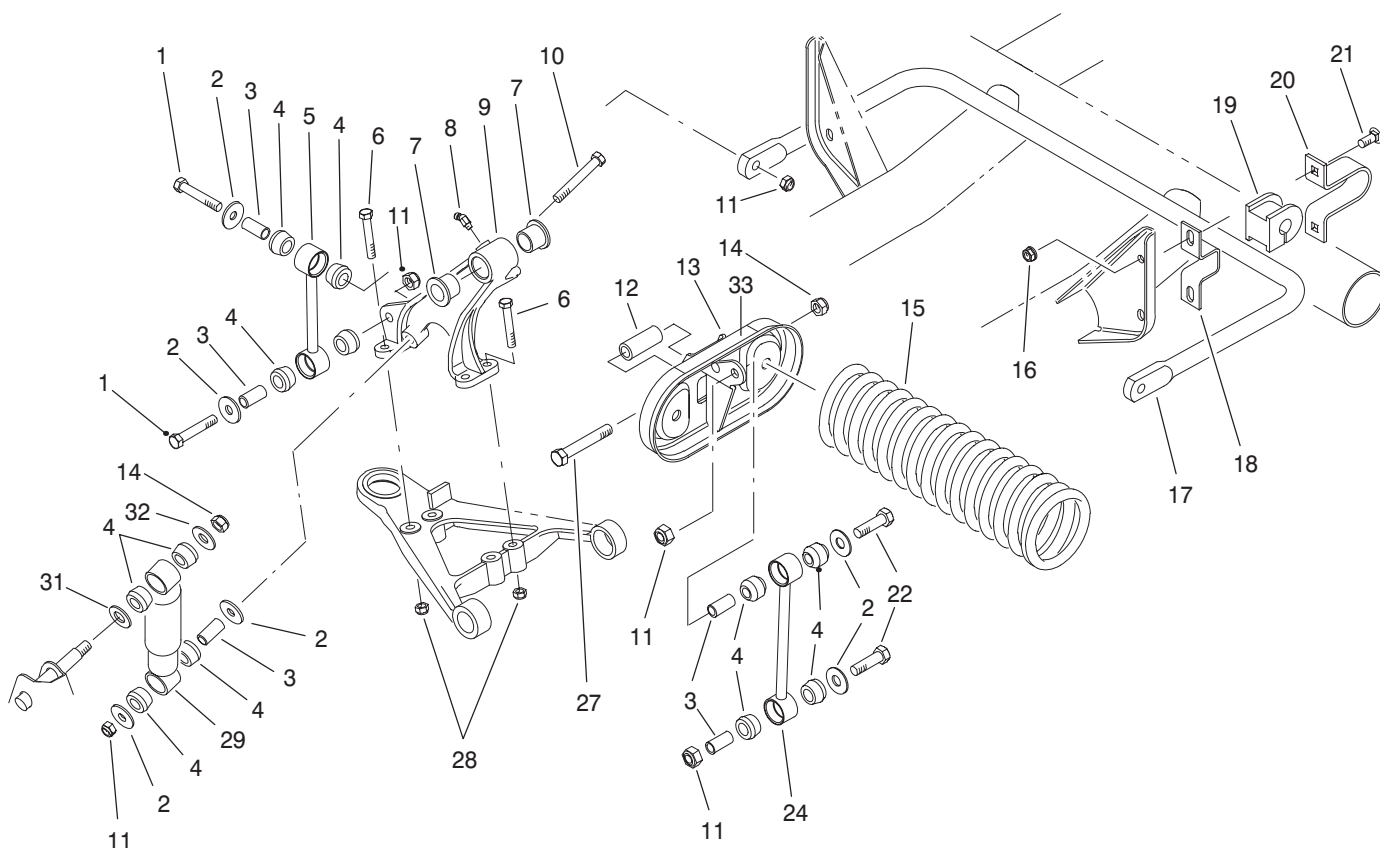
T-2999

## 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	87-6620	2	Screw-Special
33	100-9448	1	Plate-Shift Stop



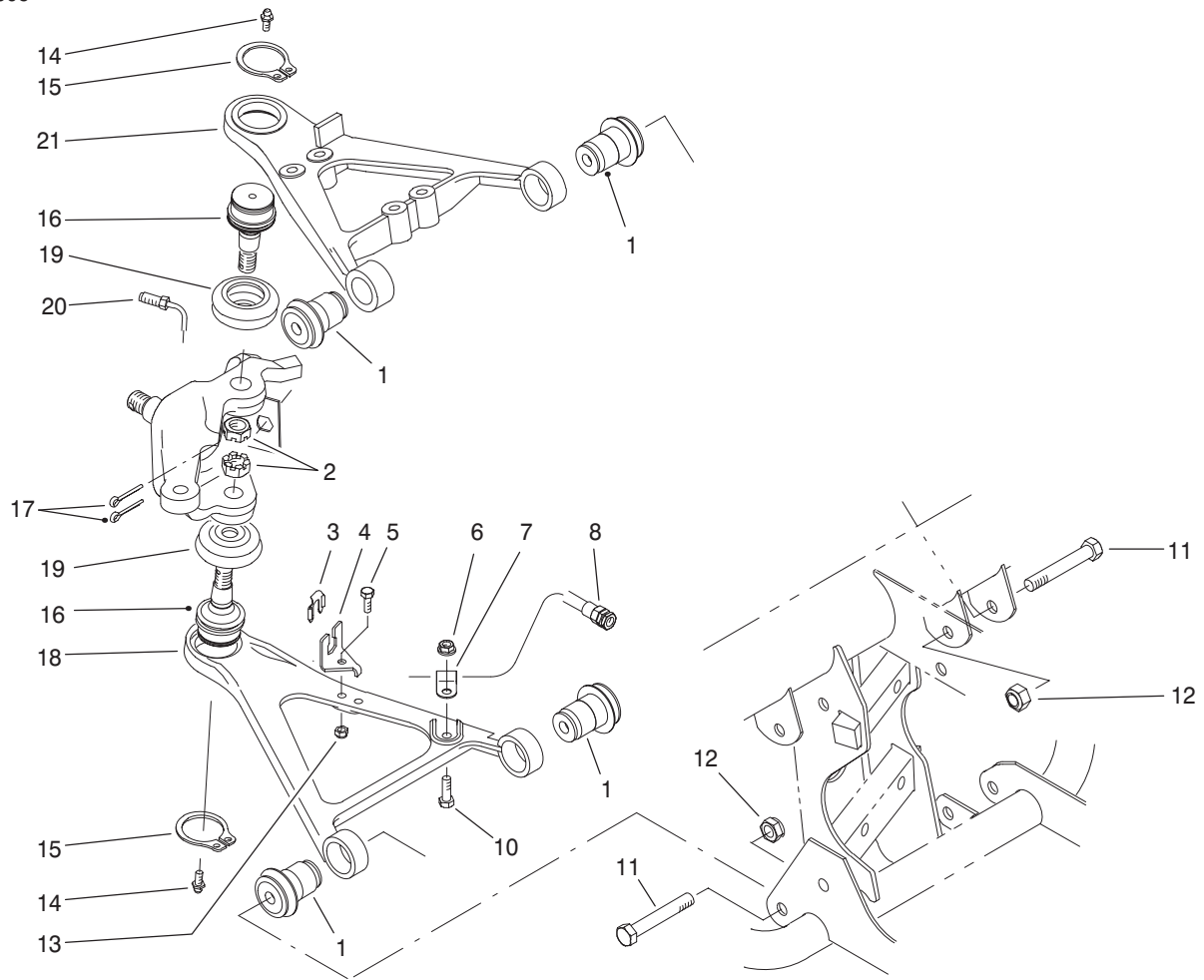


T-1593-1

## Front Suspension Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	324-10	4	Screw-HH	21	3231-3	4	Bolt-CARR
2	87-5330	8	Washer	22	324-9	4	Screw-HH
3	87-3600	10	Spacer	24	87-2480	2	Link-Stabilizer
4	87-3920	16	Bushing-Rubber	27	325-13	4	Screw-HH
5	87-3860	2	Link-Bar, Anti-Sway	28	3296-39	8	Nut-Lock
6	323-12	8	Screw-HH	29	87-3110	2	Absorber-Shock
7	33-3090	4	Bushing-Flange	31	3256-27	2	Washer-Flat
8	302-11	1	Fitting-Grease	32	3256-6	2	Washer-Flat
9	87-0150	1	Tower-Control Arm, RH	33	44-0760	2	Decal-Warning
*	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				

\* Not Illustrated



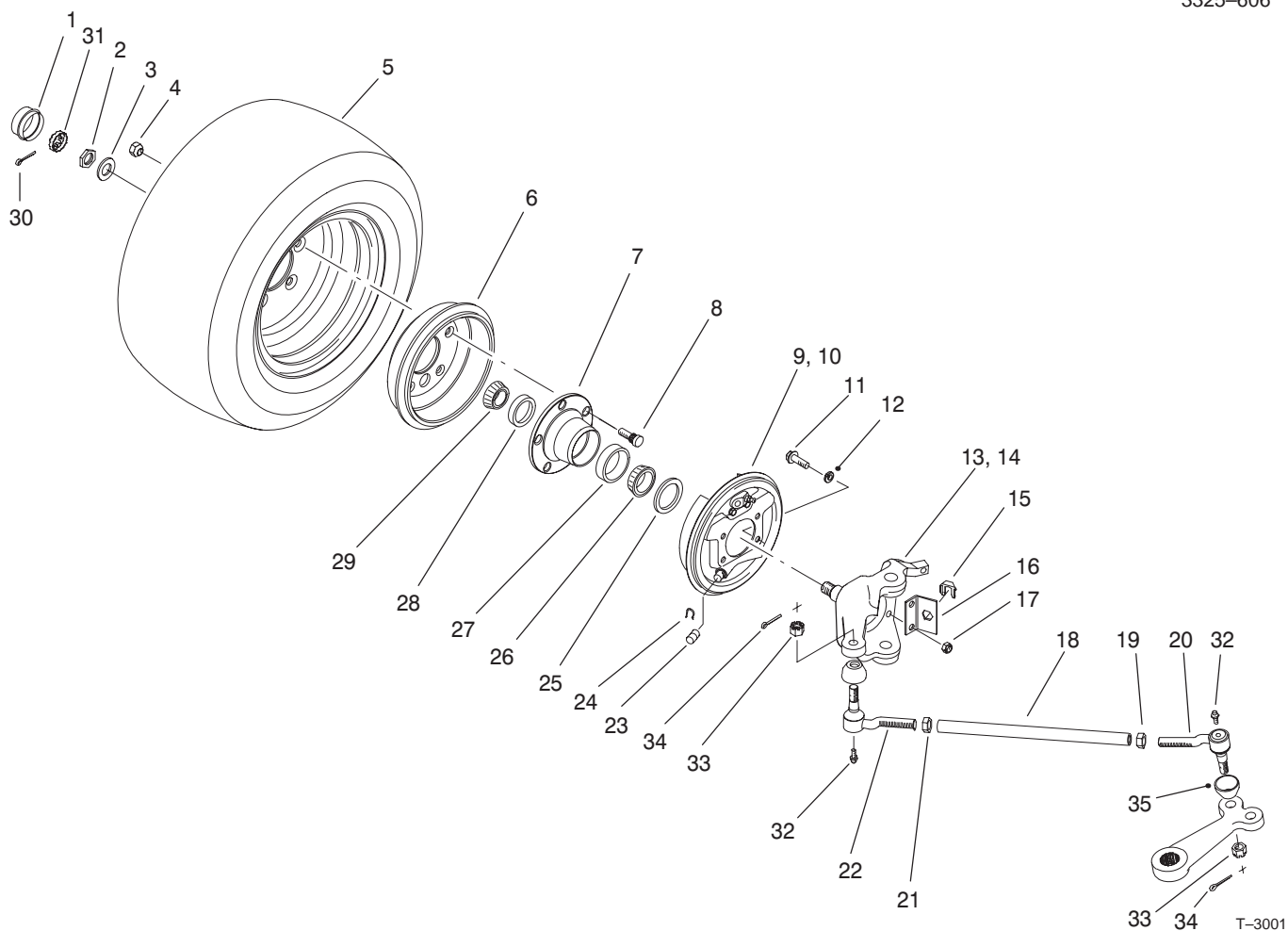
T-1594-1

## 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



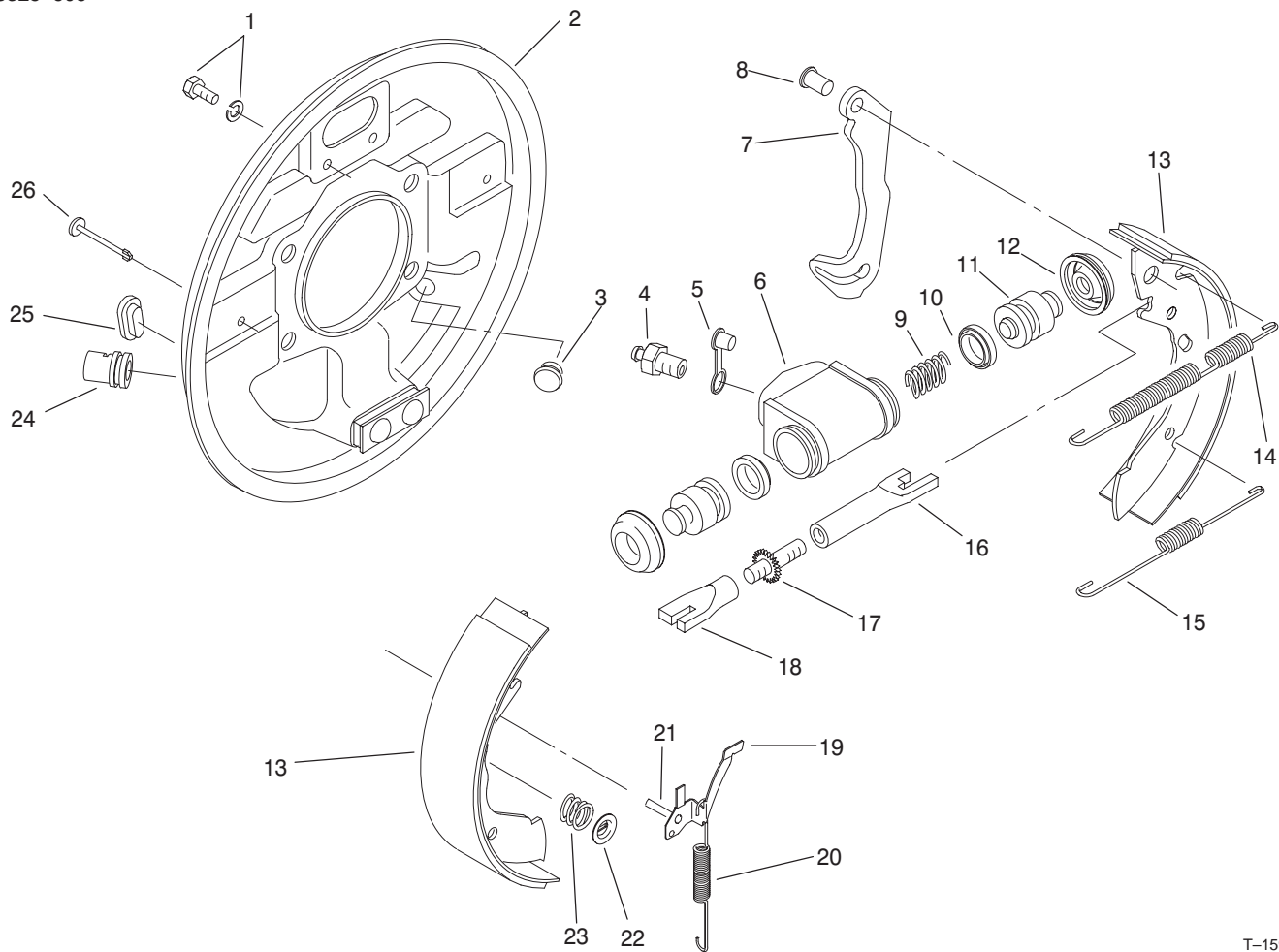
## Front Wheel Assembly

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

Ref. No.	Part No.	Qty.	Description
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

☆ Not Serviced



T-1596-1

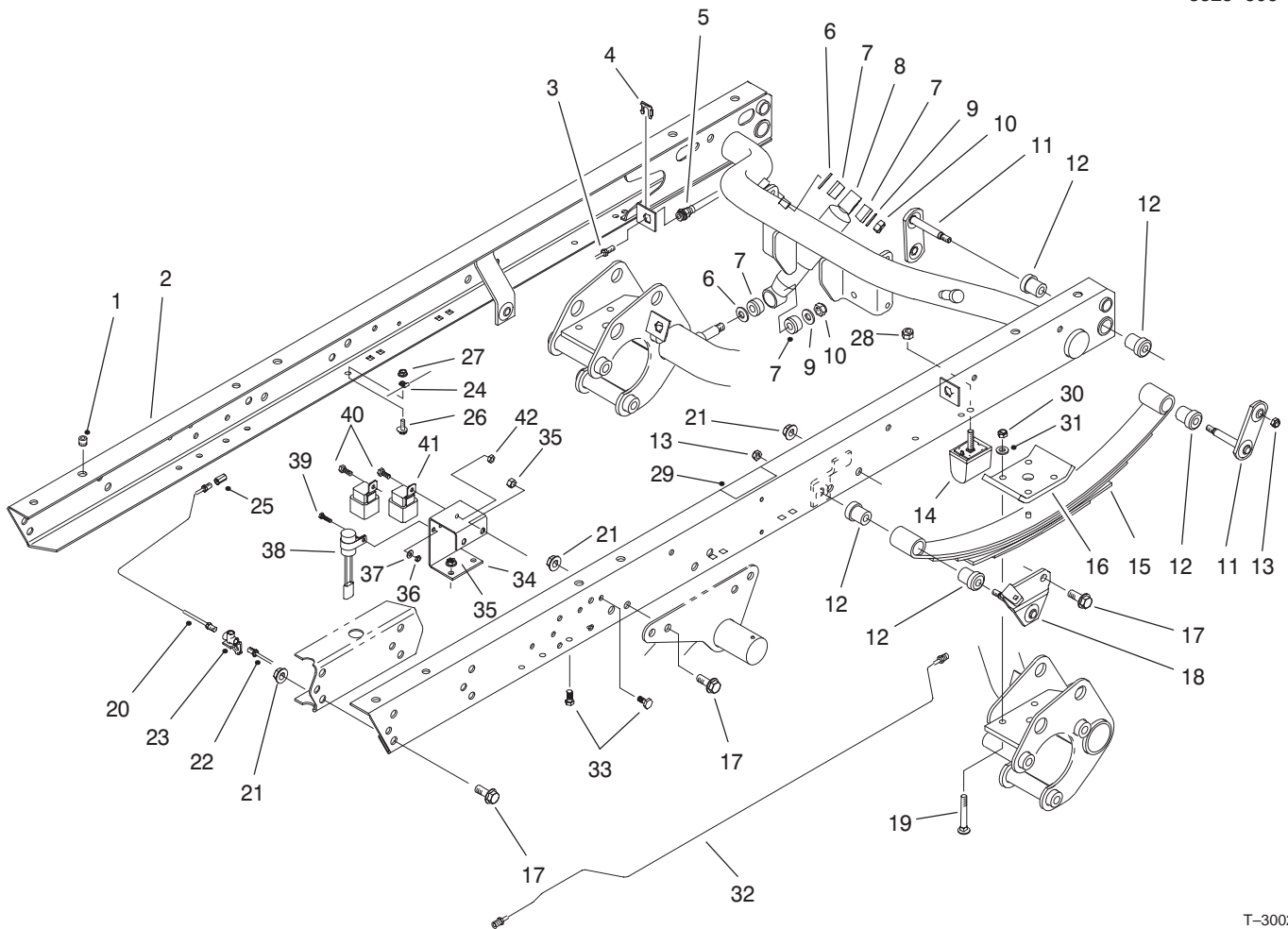
## Front Brake Assembly

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	1	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

☆ Not Serviced

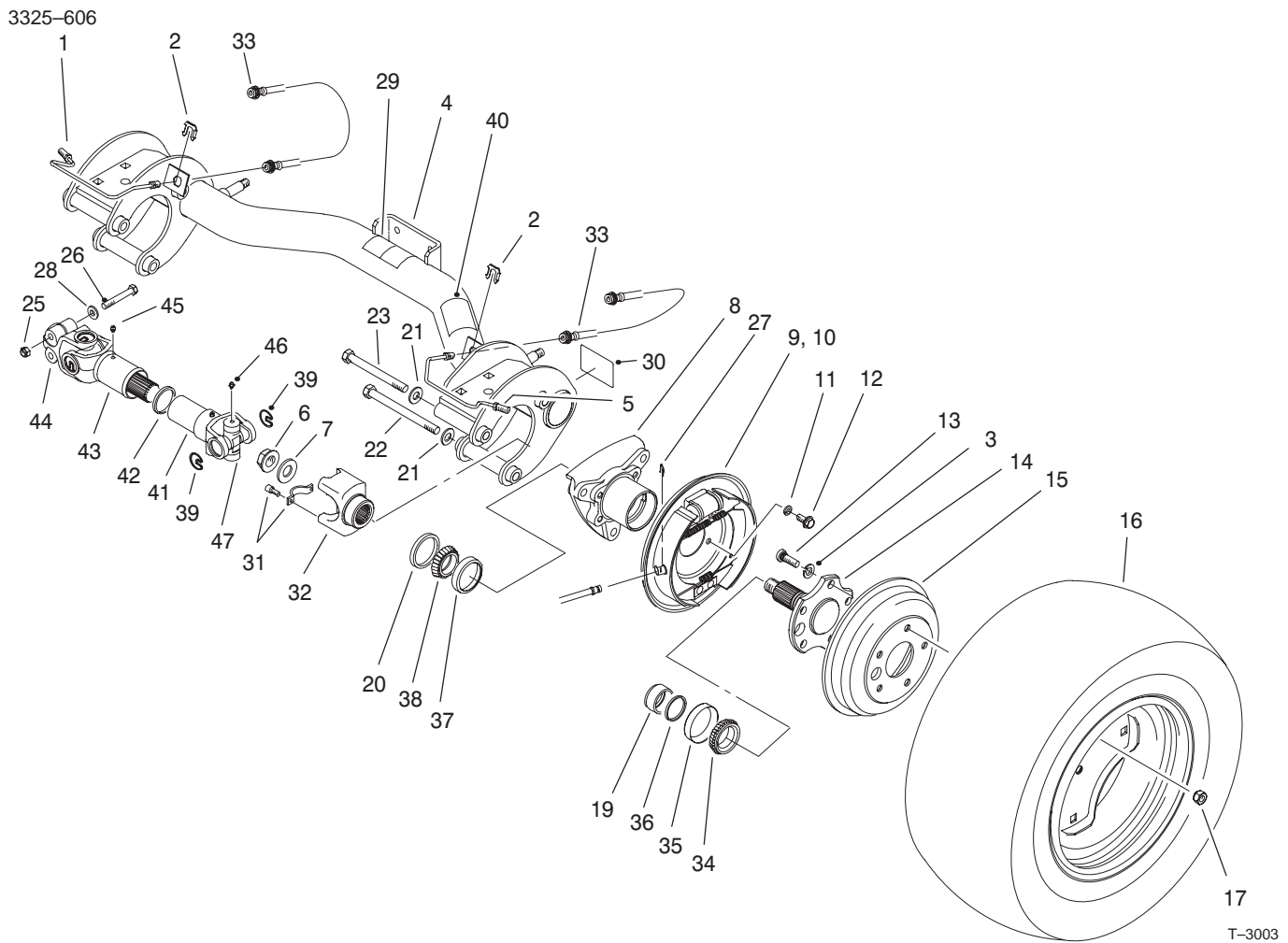


T-3002

## Rear Frame and Relay Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	32148-9	8	Insert-Threaded	24	2412-149	4	Clamp-Tube
2	87-8440	1	Rear Frame ASM (Incl. Ref. #29)	25	87-3570	2	Union-Line, Brake
3	94-3846	1	Tube-Brake, RH	26	3234-4	3	Screw-HH
*	94-3844	1	Tube-Brake, LH	27	32128-33	4	Nut-HHF
4	87-3580	2	Retainer	28	48-9520	2	Nut-Lock
5	87-4100	2	Hose-Brake	29	66-6840	1	Decal-Surface, Hot
6	3256-27	4	Washer-Flat	30	3296-76	8	Nut-Lock
7	87-3920	8	Bushing-Rubber	31	87-7480	8	Washer-Flat
8	87-3110	2	Absorber-Shock	32	94-3844	1	LH Rear Brake Tube ASM
9	3256-6	4	Washer-Flat	33	322-3	4	Screw-HH
10	3296-23	4	Nut-Lock	34	99-1075	1	Bracket-Mount, Relay
11	87-3980	4	Shackle-Spring	35	32128-20	4	Nut-HFH
12	87-4760	12	Bushing	36	3296-12	1	Nut-Lock
13	3296-39	6	Nut-Lock	37	3256-14	1	Washer-Flat
14	87-3470	2	Bumper-Spring	38	99-1063	1	Timer-Delay
15	87-1490	2	Spring-Leaf	39	32105-13	1	Screw-Machine
16	87-7470	2	Plate-Clamp	40	321-3	2	Screw-HH
17	3234-38	24	Screw-HFH	41	70-1480	2	Relay-Sealed
18	87-3960	1	Mount-Spring, LH	42	3296-42	2	Nut-Lock
*	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				

\* Not Illustrated



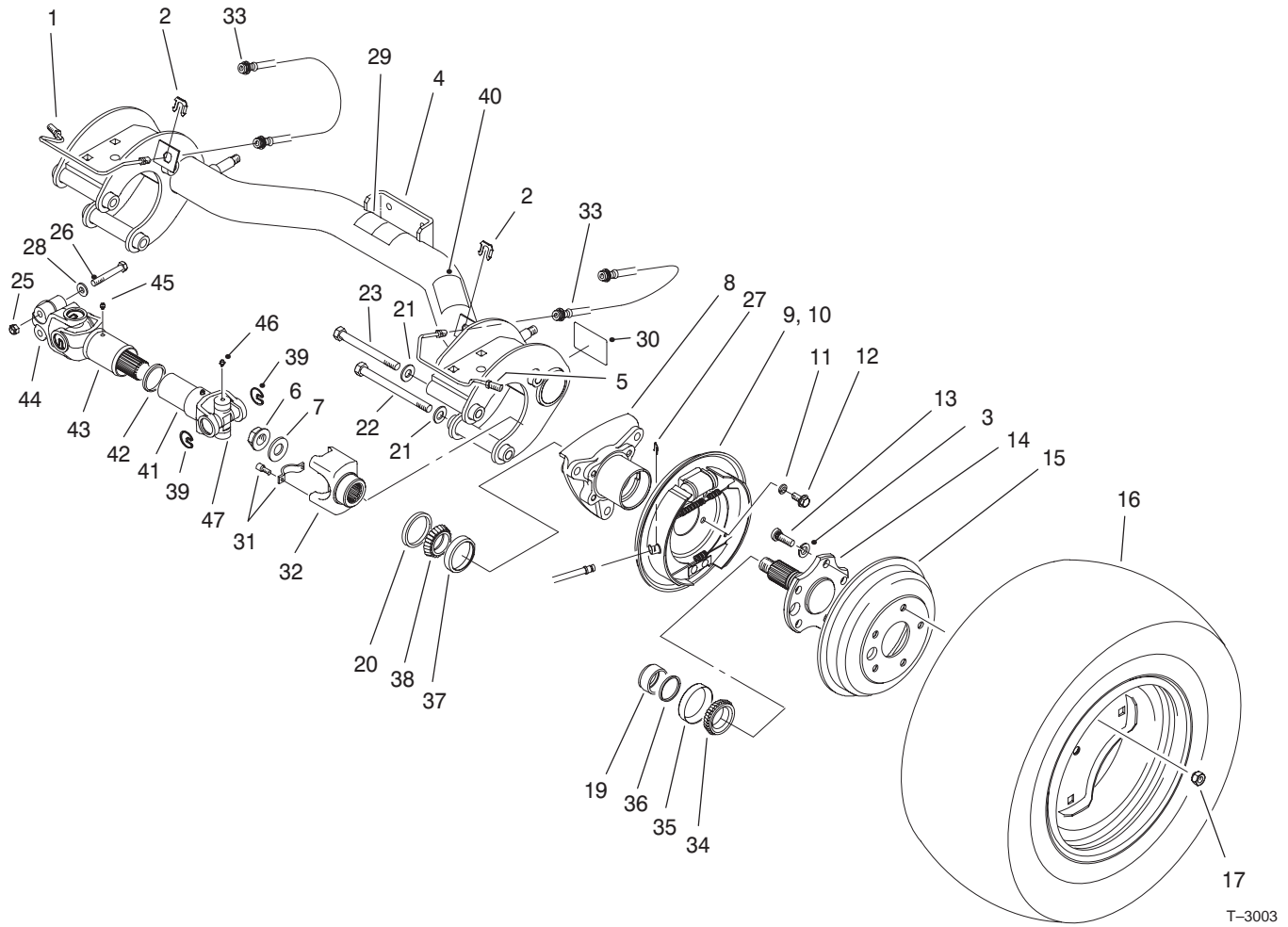
## Rear Axle Assembly

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



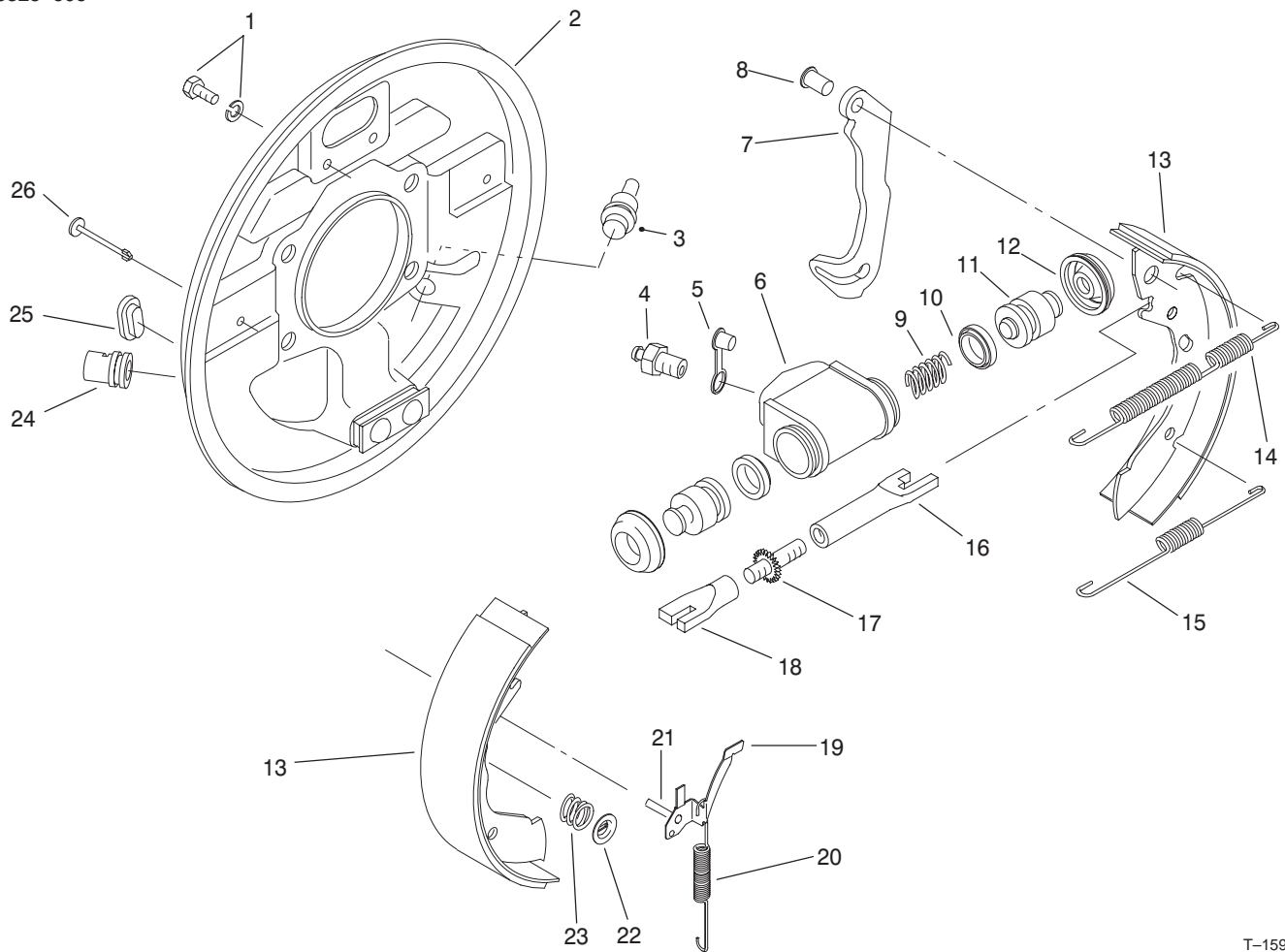
### Rear Axle Assembly (Continued)

T-3003

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



T-1599-1

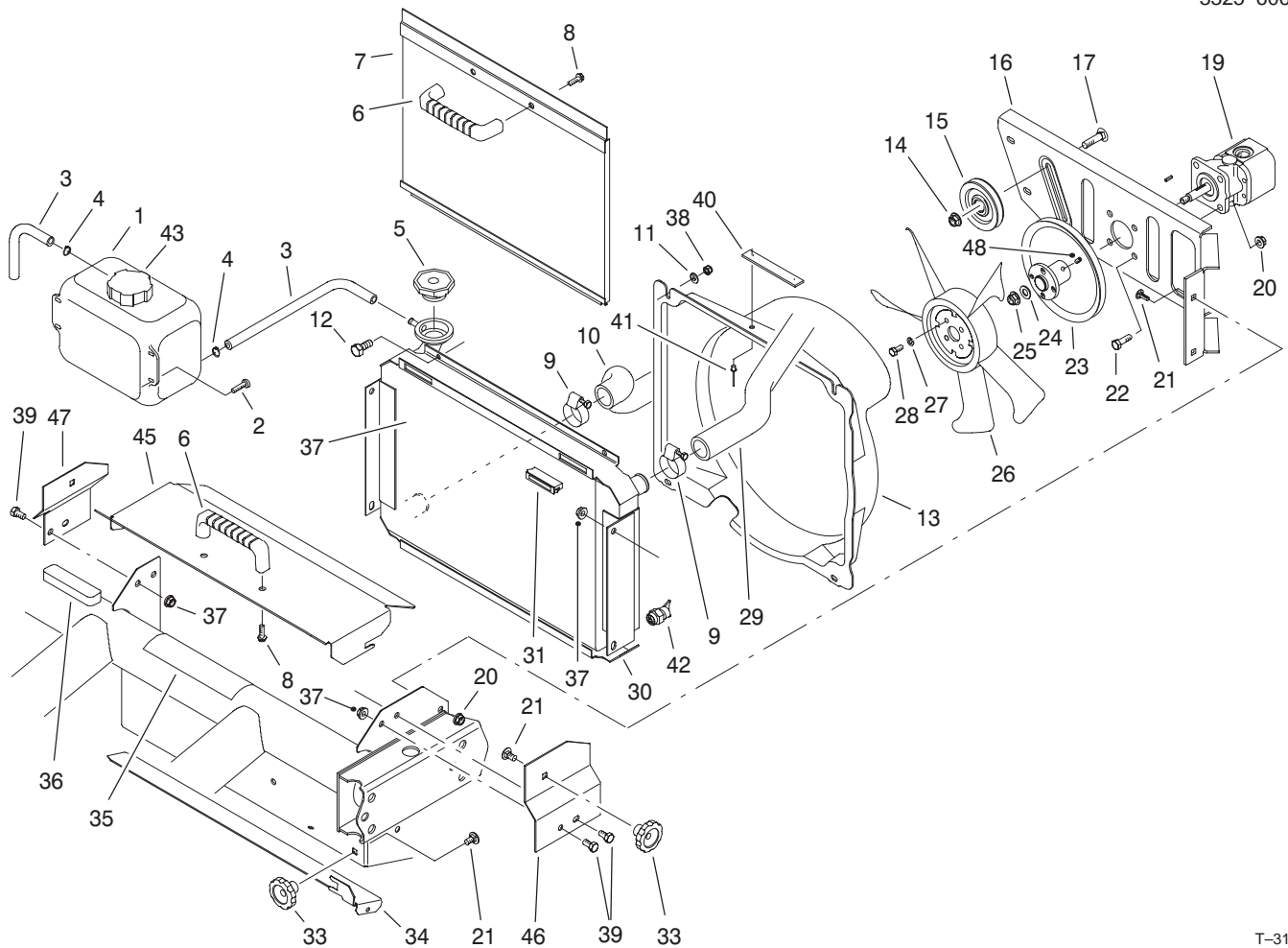
## Rear Brake Assembly

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 (Incl. 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

☆ Not Serviced

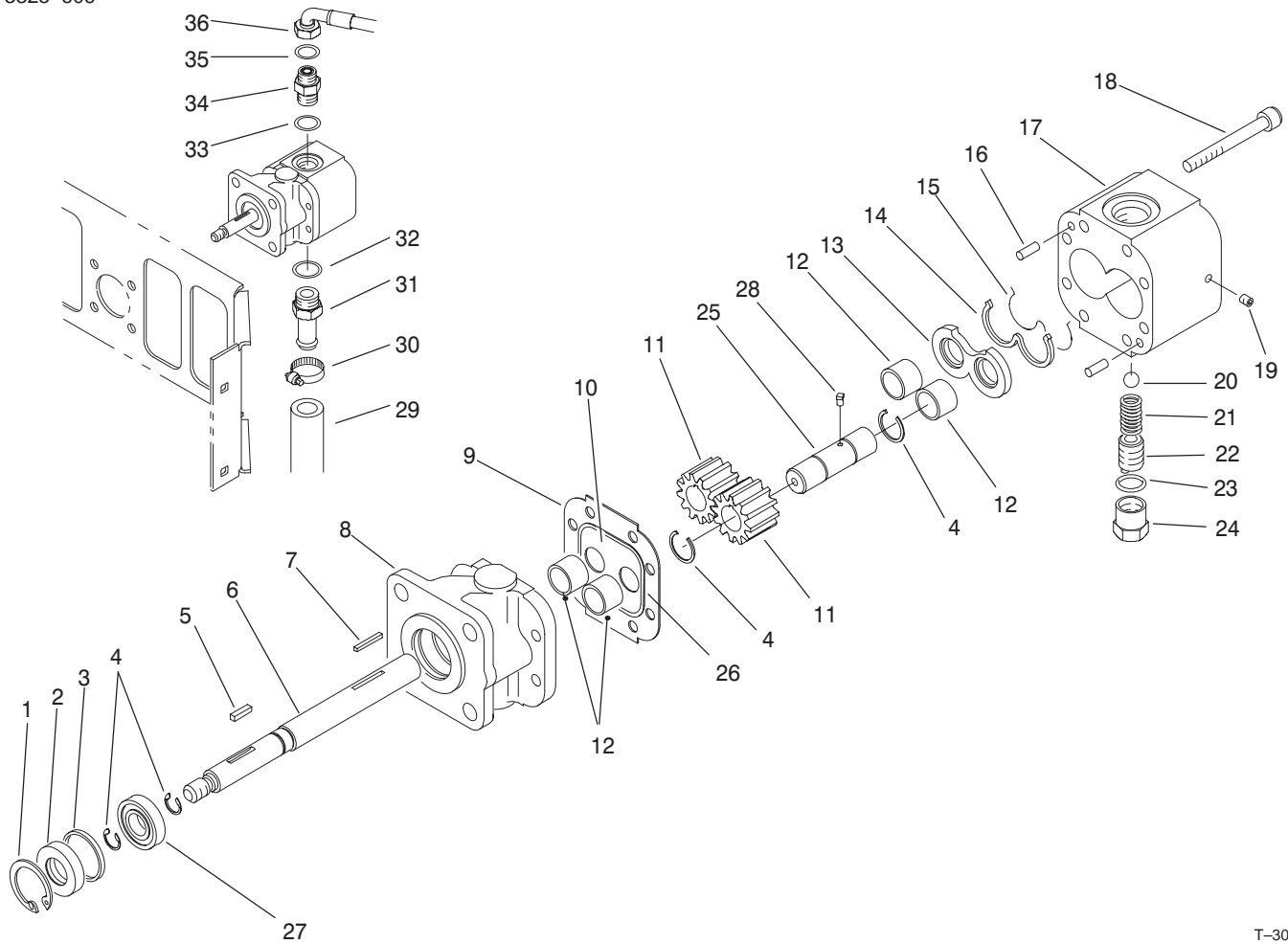


T-3165

## 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



T-3005

## Hydraulic Pump Assembly No. 99-1054

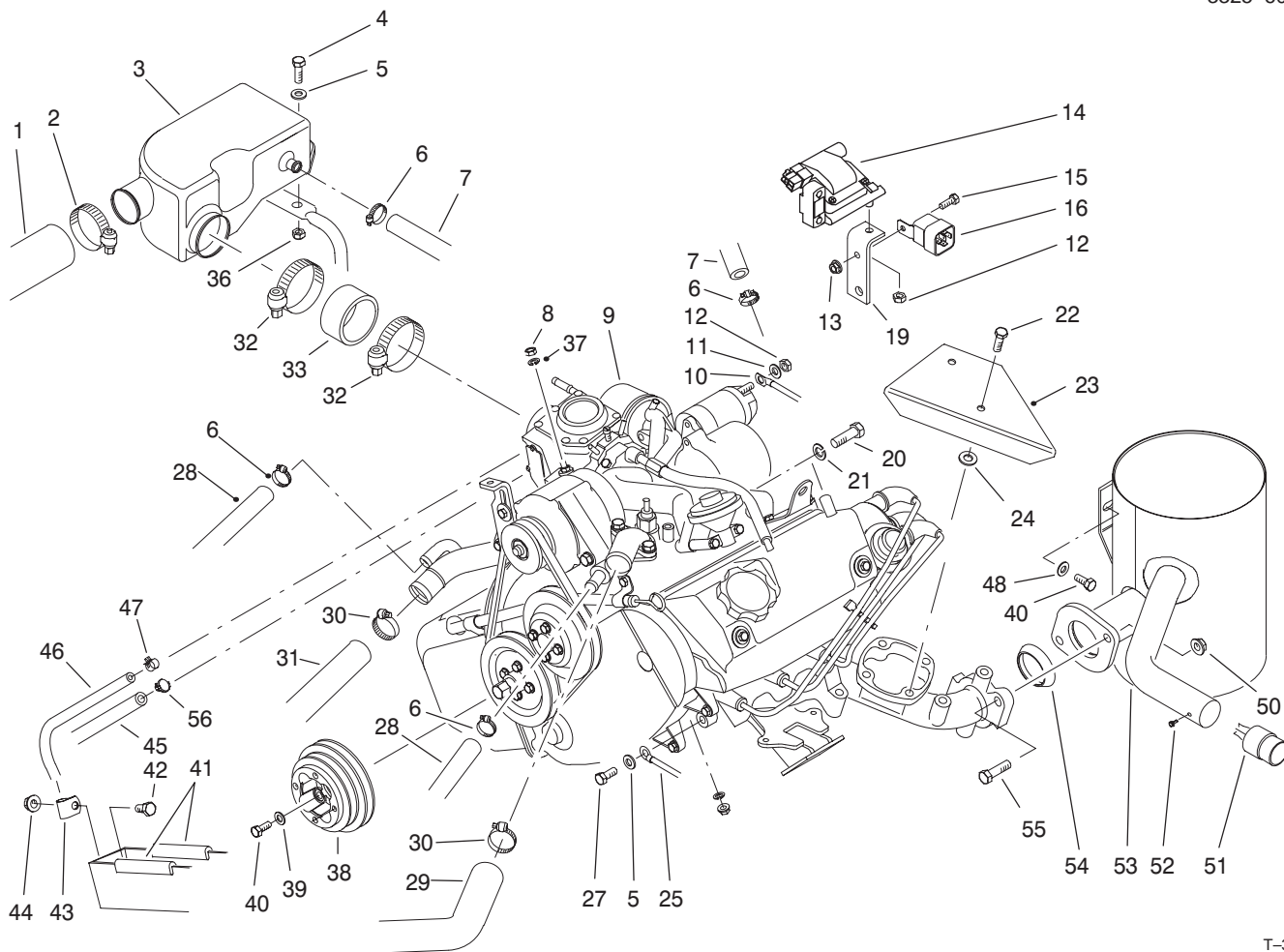
Ref. No.	Part No.	Qty.	Description
1	32151-41	1	Ring-Retaining
2	92-2195	1	Seal-Oil
3	92-2186	1	Spacer
4	92-2178	4	Ring-Crescent
5	92-2179	1	Key-Square
6	92-2189	1	Shaft-Drive
7	92-2177	1	Pin-Shear
☆8		1	Stator
9	92-2182	1	Plate-Seal
10	92-2183	1	Plate-Wear
11	92-2175	2	Gear
12	92-2192	4	Bearing
13	92-2181	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

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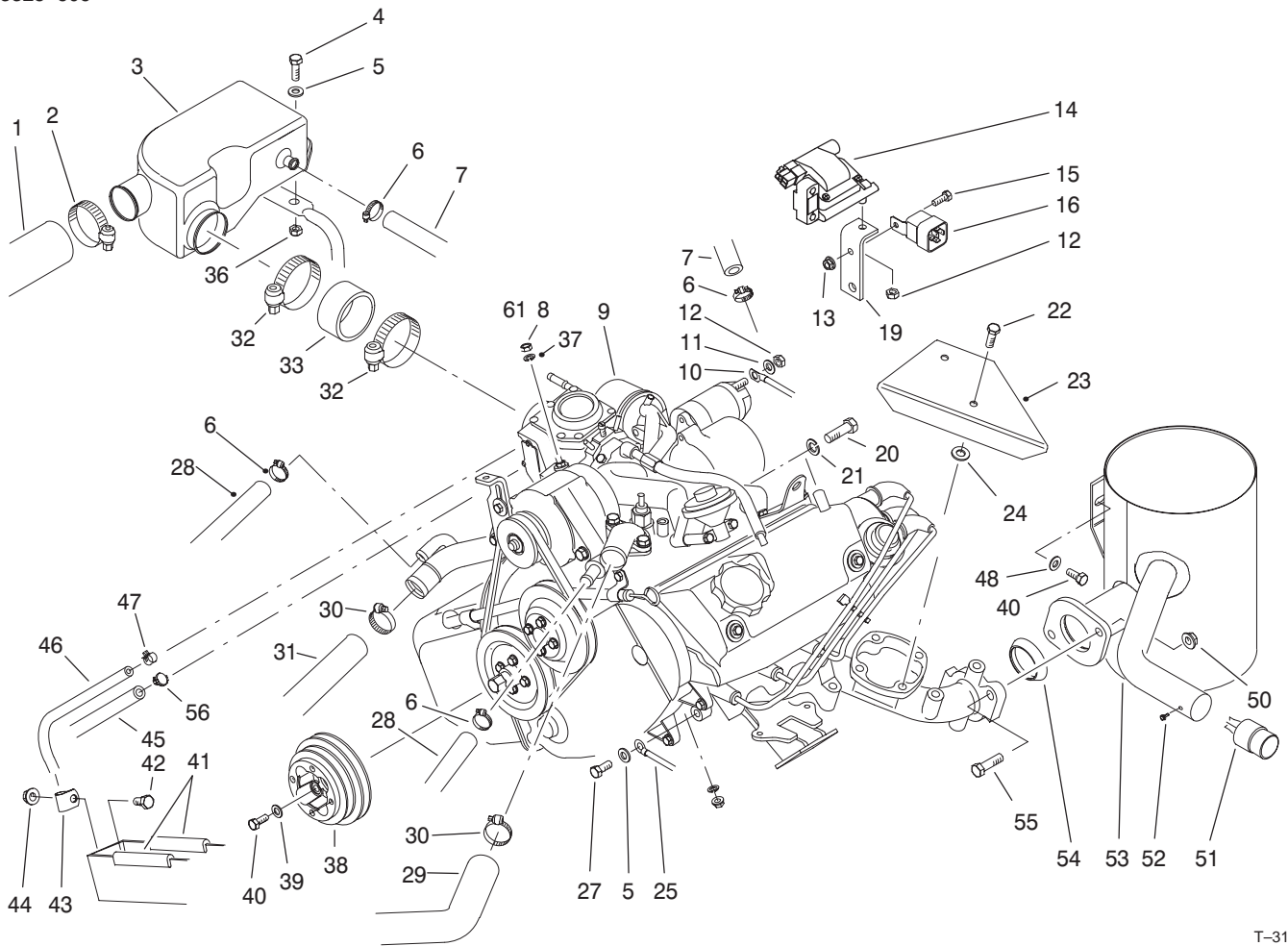


T-3166

## 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
			(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)

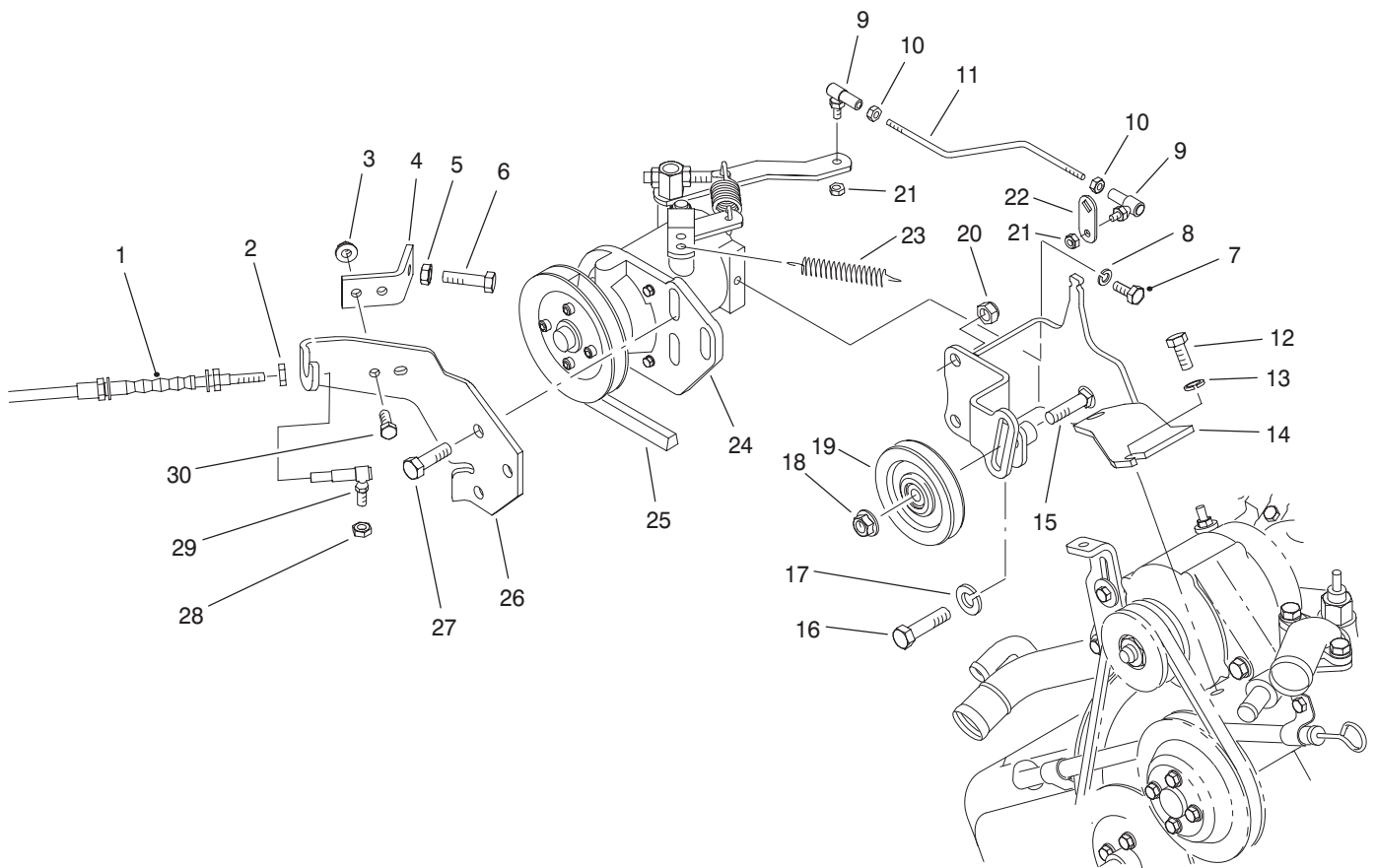


T-3166

## 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

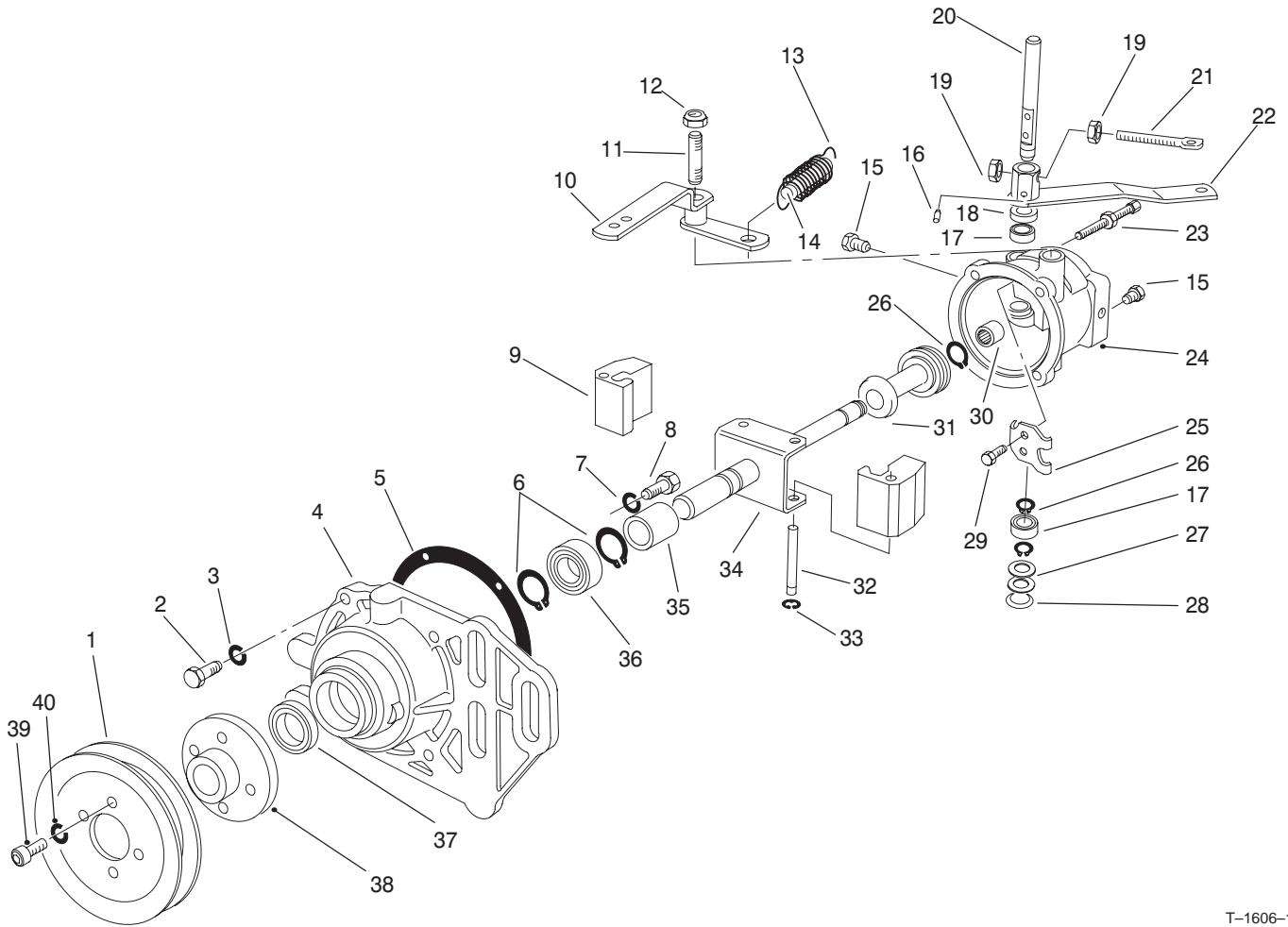


T-1605-1

## 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

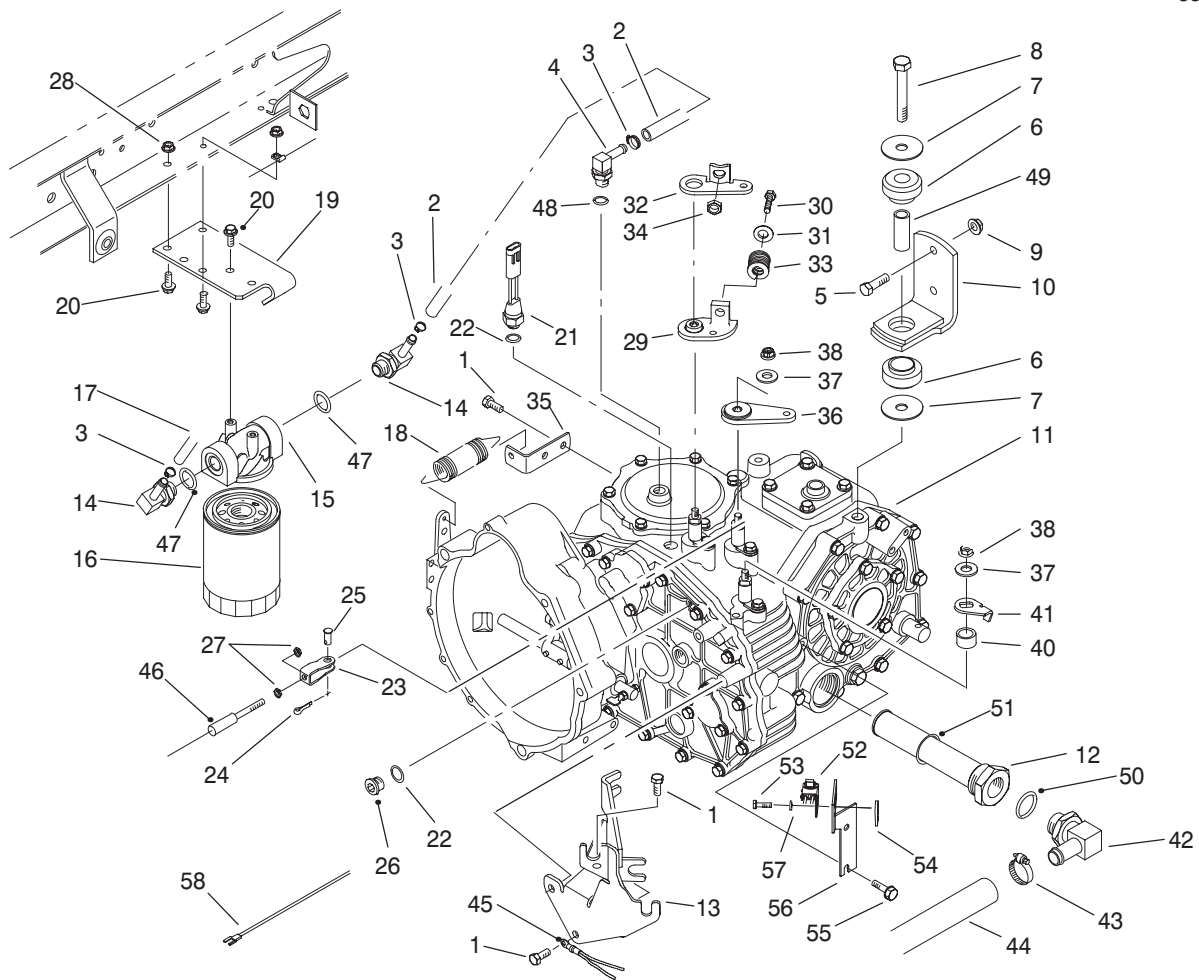


T-1606-1

## 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

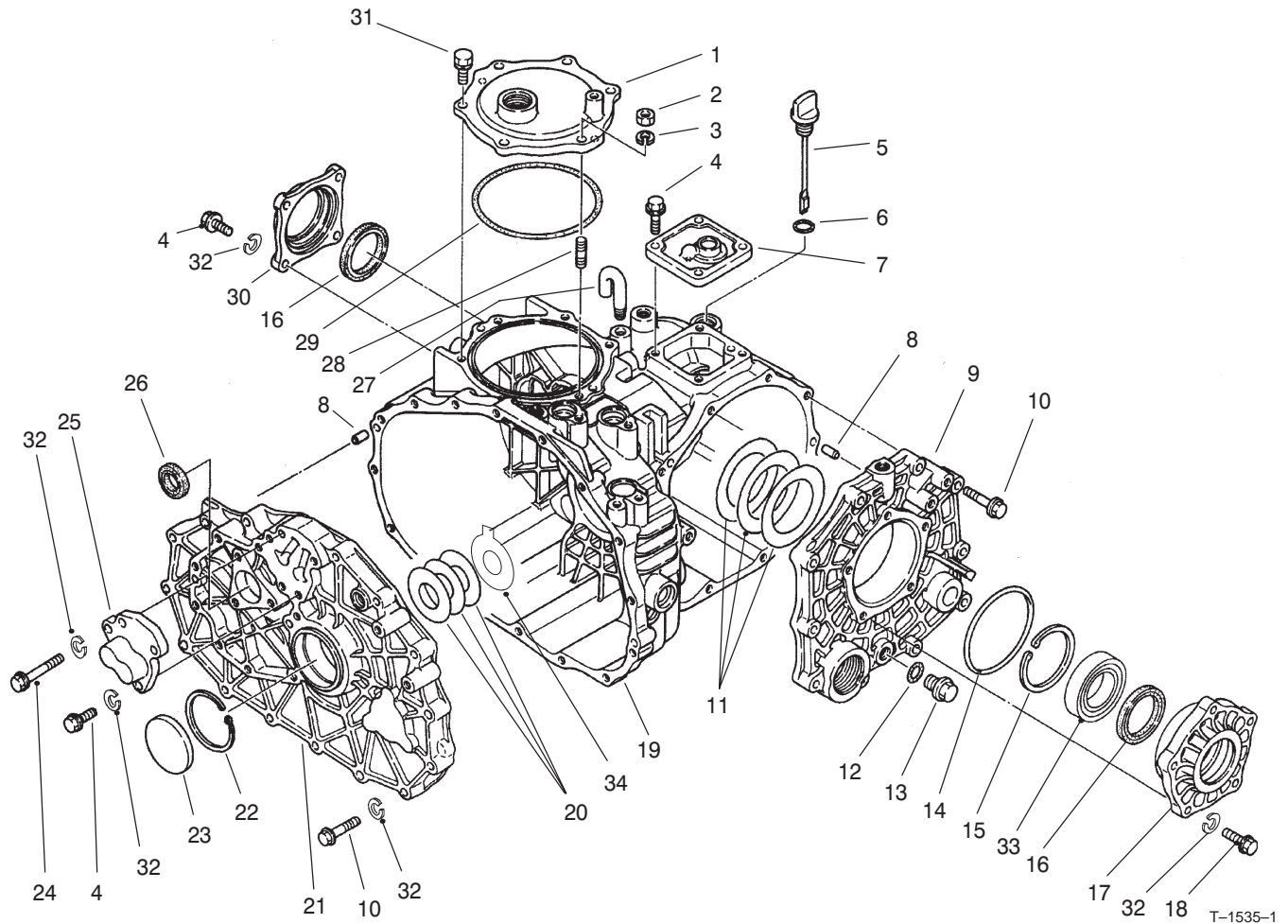


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## Transaxle Installation Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	33114-020	5	Screw-HH	23	87-2310	2	Clevis-Cable
2	87-5730	1	Hose-Hydraulic	24	3272-6	2	Pin-Cotter
3	2412-36	3	Clamp-Hose	25	283-62	2	Pin-Clevis
4	354-135	1	Fitting-Hydraulic 90° (Incl. Ref. #48)	26	353-989	1	Plug
5	323-7	4	Screw-HH	27	3220-1	2	Nut-Jam
6	87-4970	2	Transaxle Mount ASM (Incl. Ref. #49)	28	32128-33	1	Nut-HFH
7	87-5100	4	Washer-Snubbing	29	87-7970	1	Arm-Shift
8	3215-1	2	Screw-HH	30	323-10	1	Screw-HH
9	3296-39	4	Nut-HH	31	3256-4	1	Washer-Flat
10	87-5800	2	Bracket-Mount	32	87-8250	1	Plate-Arm, Shift
11	100-4463	1	Transaxle ASM	33	87-6910	1	Spring-Compression
12	87-3990	1	Oil Strainer ASM (Incl. Ref. #51)	34	32128-21	1	Nut-Lock
13	87-4820	1	Bracket-Cable	35	87-7170	1	Bracket-Spring, Clutch
14	354-134	2	Fitting-Hydraulic 90° (Incl. Ref. #47)	36	87-7960	1	Lever-Shift
15	87-8780	1	Head-Filter, Oil	37	80-6990	3	Washer-Hardened
16	54-0110	1	Element-Filter, Oil	38	48-9520	3	Nut-Lock
17	99-1058	1	Hose ASM	40	99-1052	1	Plate-Hi-Lo
18	68-9950	1	Spring-Extension	41	92-6982	1	Spacer-Brake
19	87-7040	1	Bracket-Filter, Oil	42	353-987	1	Fitting-Hydraulic 90° (Incl. Ref. #50)
20	3234-4	4	Screw-HFH	43	2412-34	1	Clamp-Hose
21	72-4310	1	Switch-Ball, N.C.	44	87-3670	1	Hose-Suction
22	237-30	2	O-Ring	45	87-3080	1	Cable-Battery, Neg.
				46	93-7105	1	Cable-Shift (Incl. Ref. #27)
				47	237-79	2	O-Ring





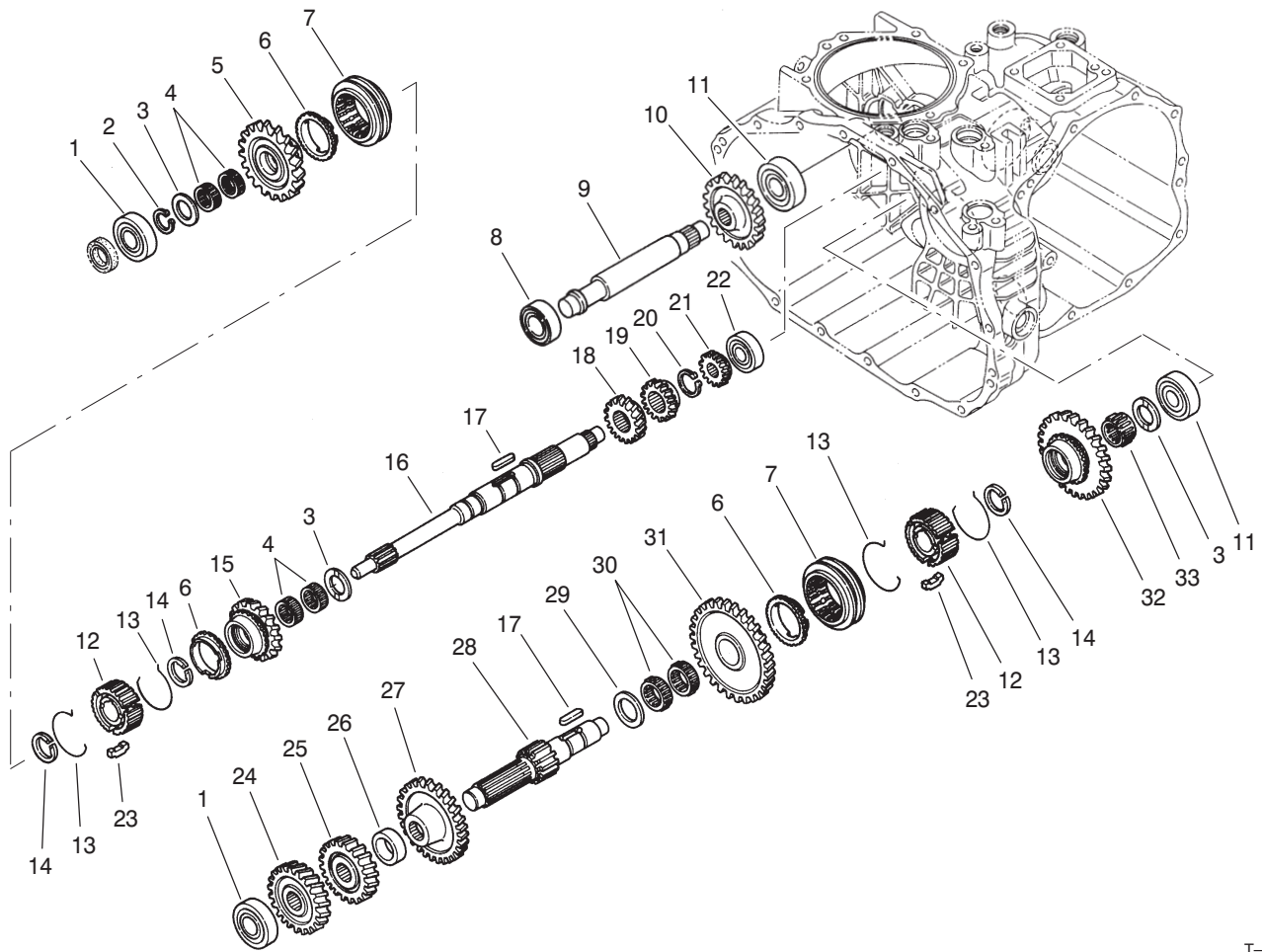
## Transaxle Case Assembly

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

★ Not Serviced





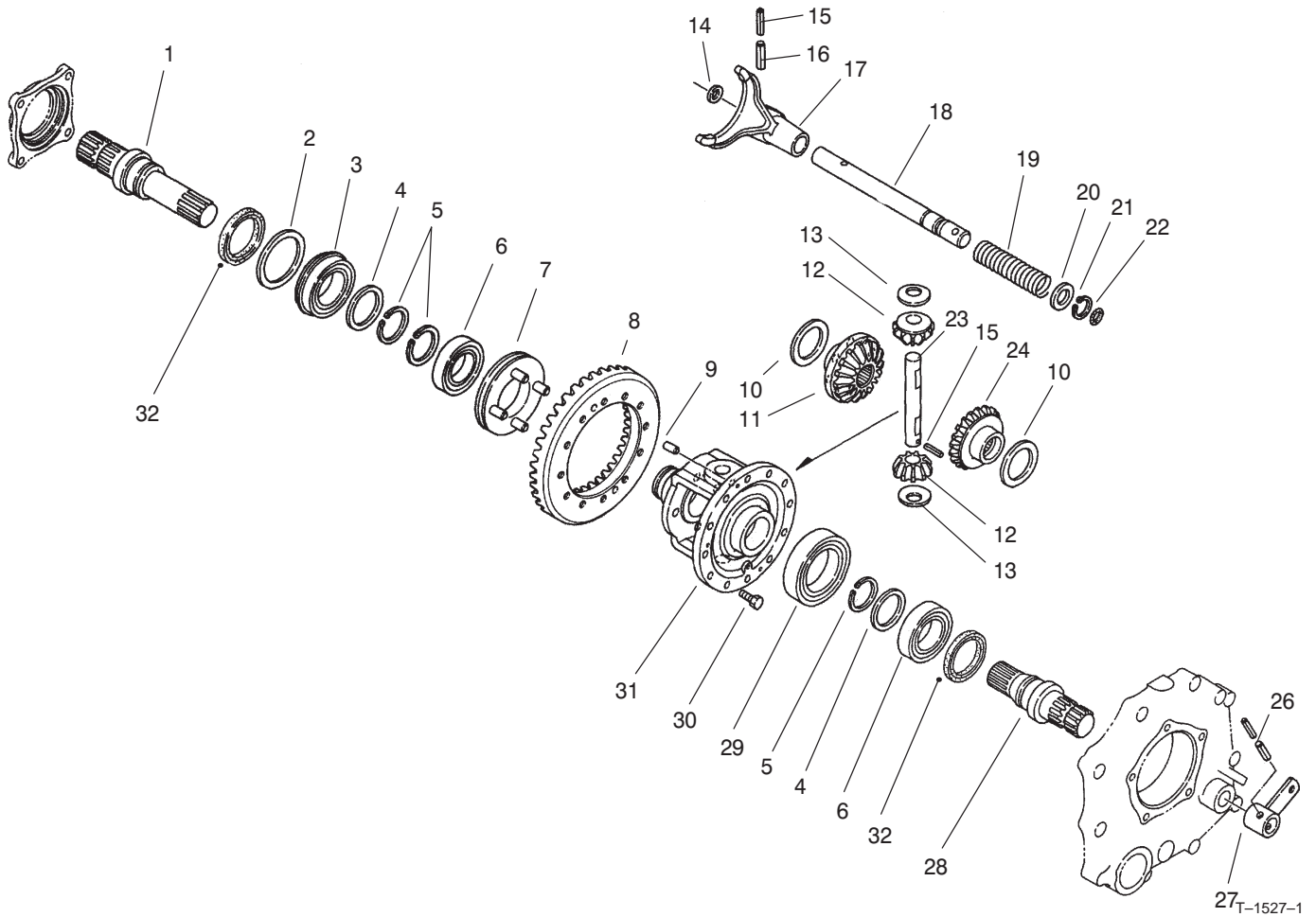
T-1533-1

## 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



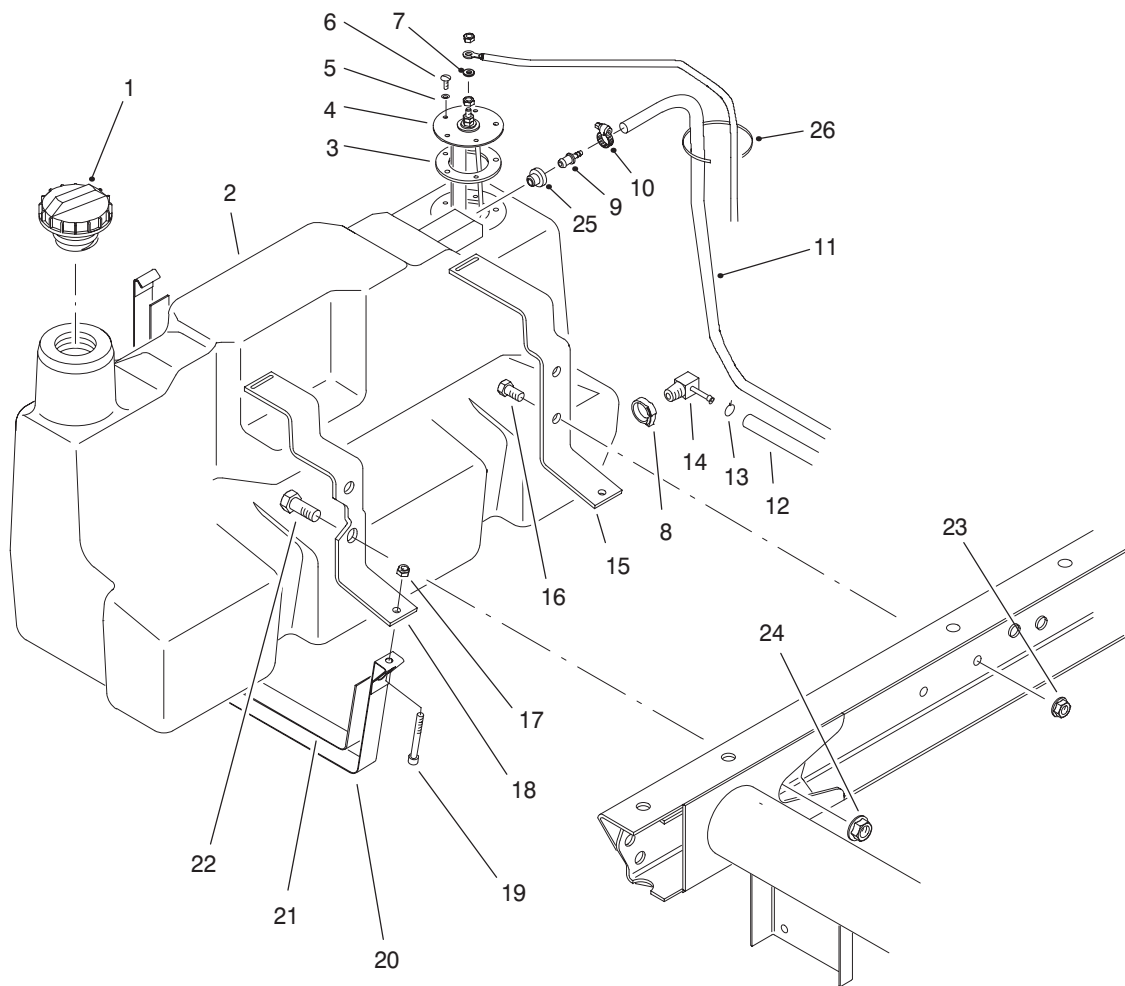


### Differential Gear Assembly

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





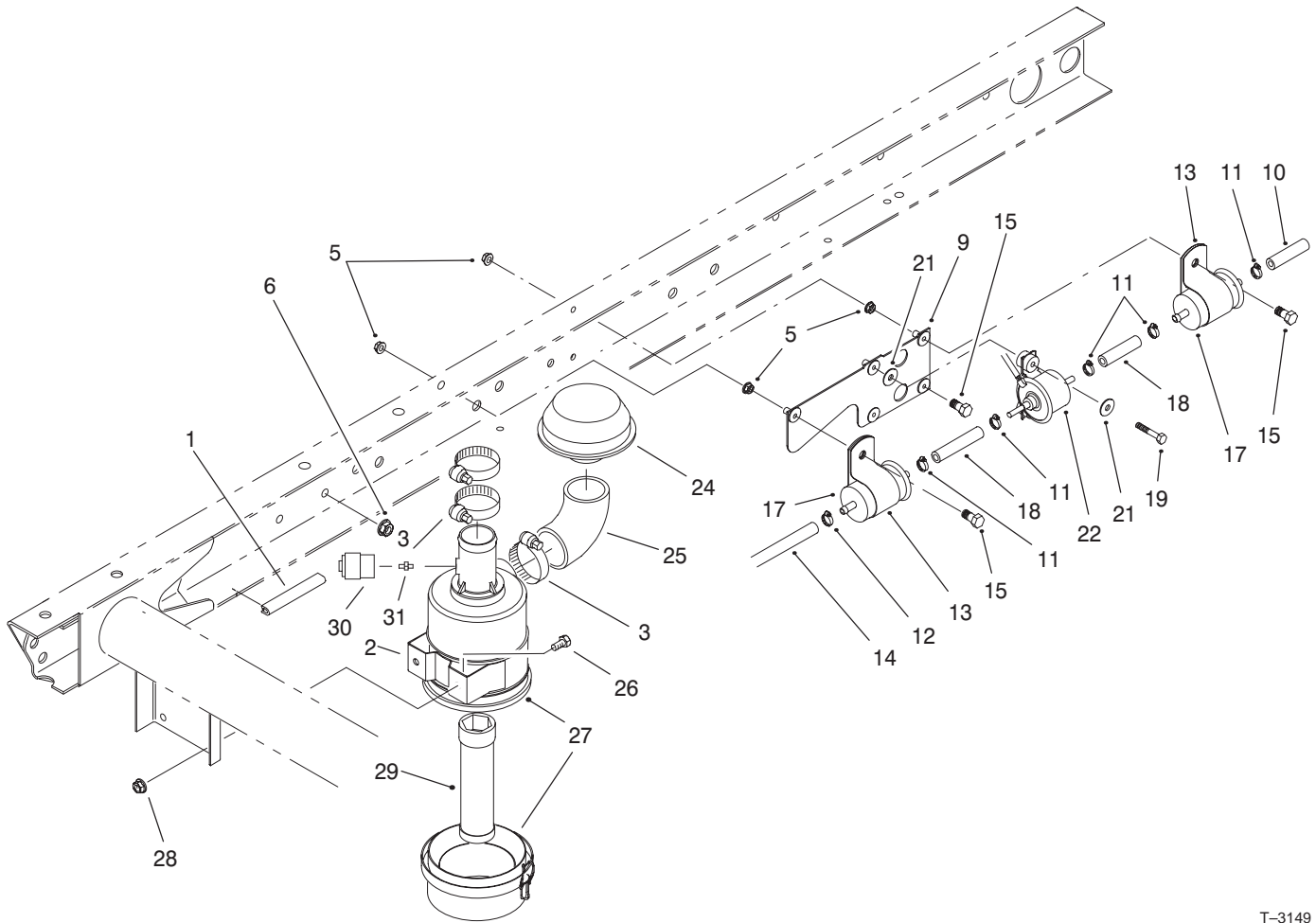
T-1609-1

## 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

Ref. No.	Part No.	Qty.	Description
24	32128-23	2	Nut-HFH
25	46-6560	1	Bushing
26	3290-378	1	Tie-Cable

\* Not Illustrated

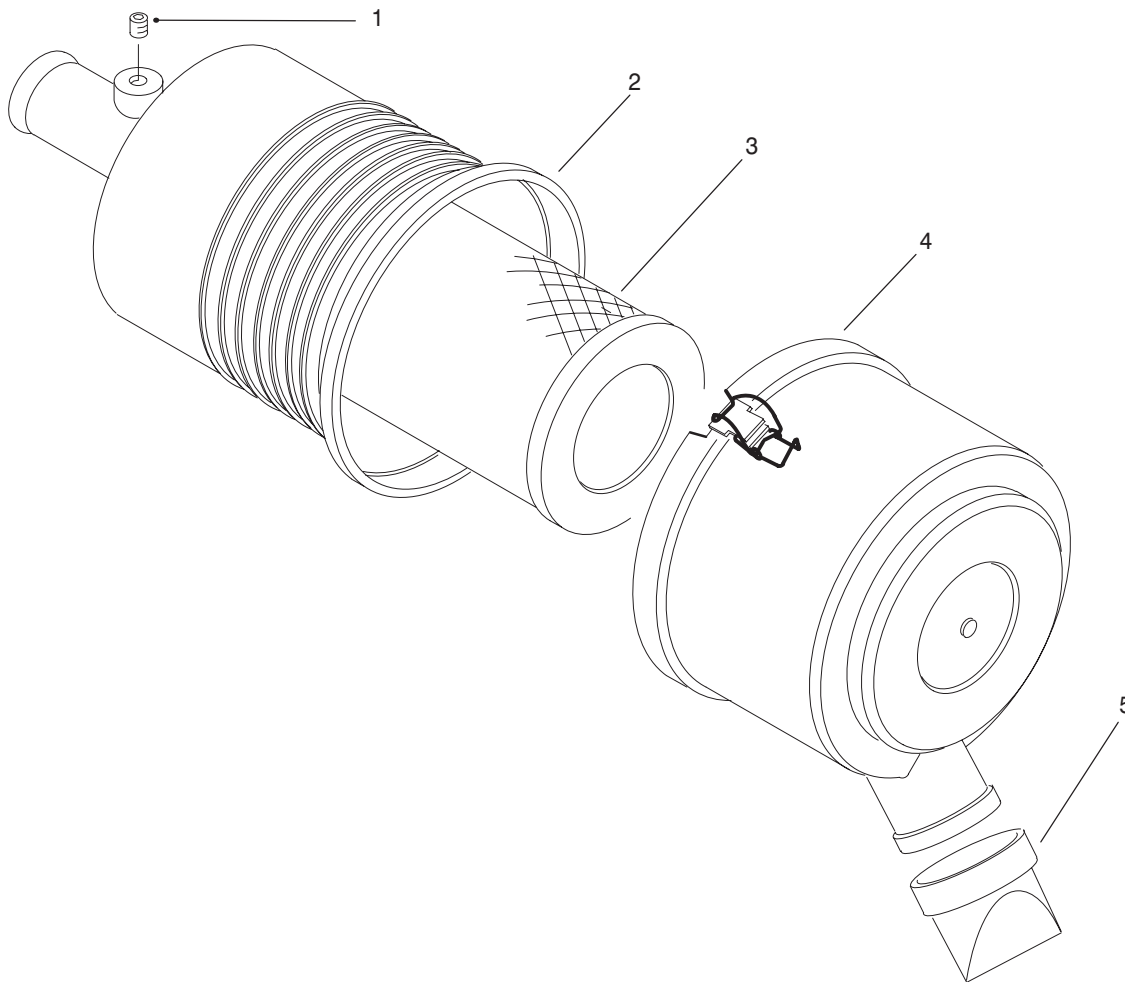


T-3149

## 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

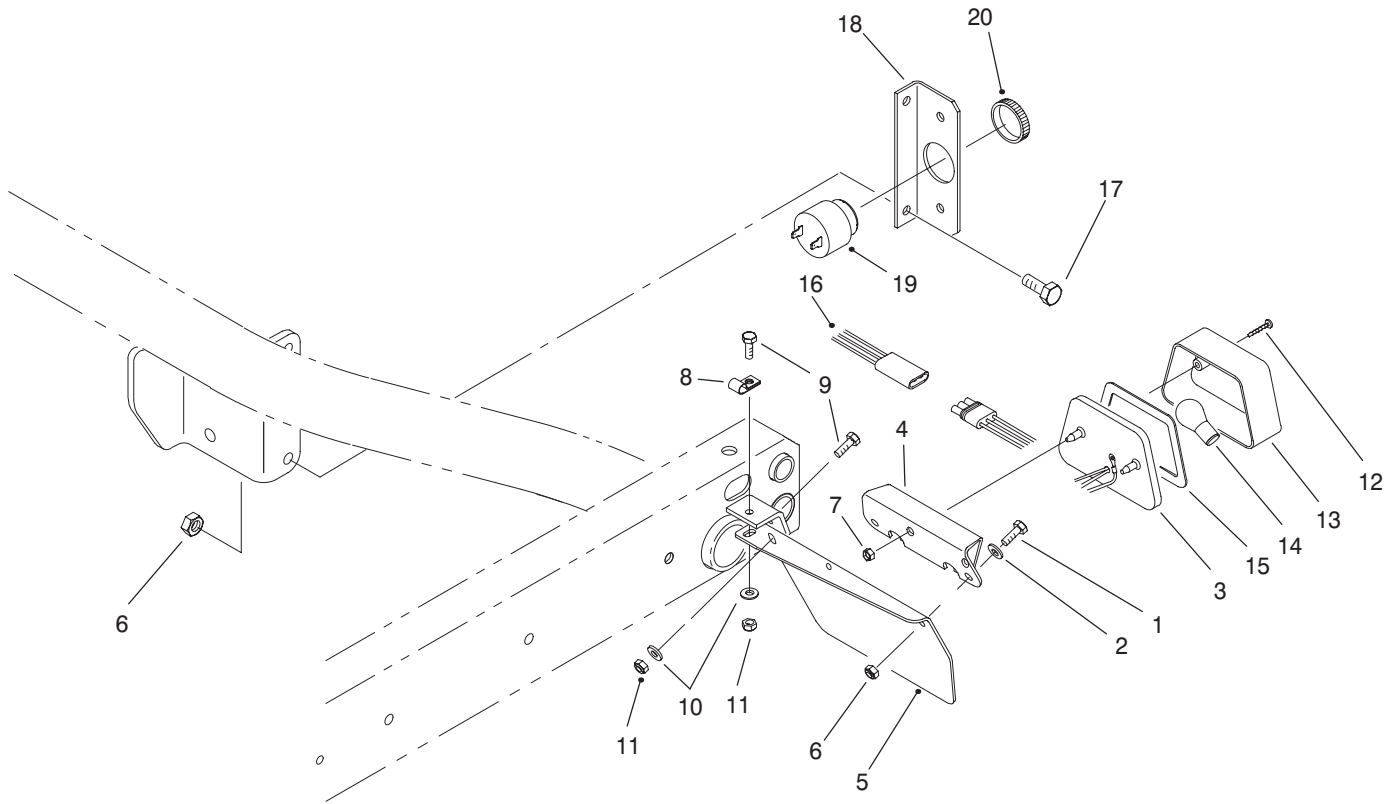
Ref. No.	Part No.	Qty.	Description
1	285-17	1	Plug
☆2		1	Body ASM
3	93-2195	1	Element-Cleaner, Air
*	98-2982	1	Element-Filter, Safety (Optional)
4	94-3652	1	Cover ASM
5	94-1414	1	Vacuator

Ref. No.	Part No.	Qty.	Description

\* Not Illustrated

☆ Not Serviced





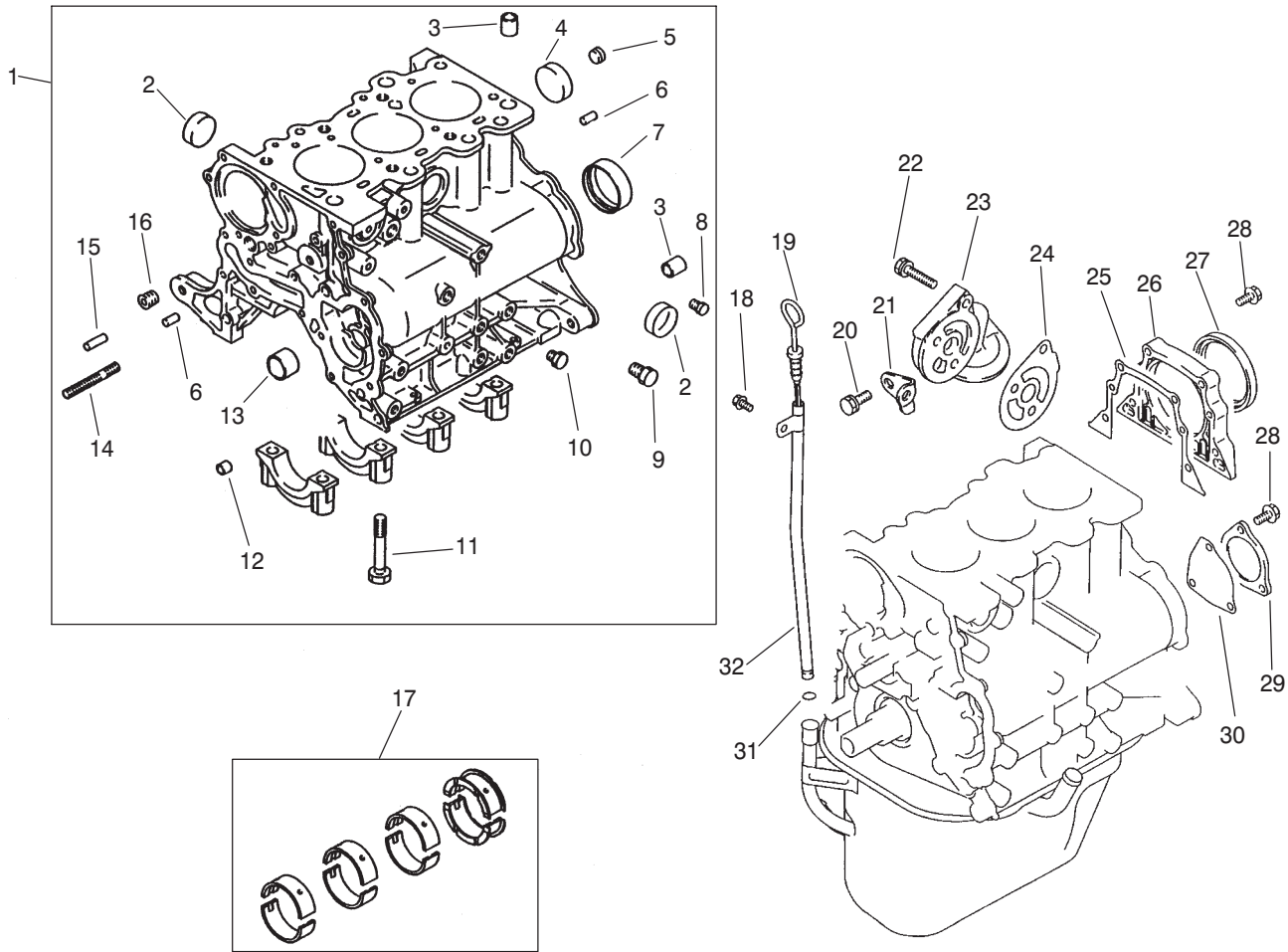
T-3170

## 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

☆ Not Serviced

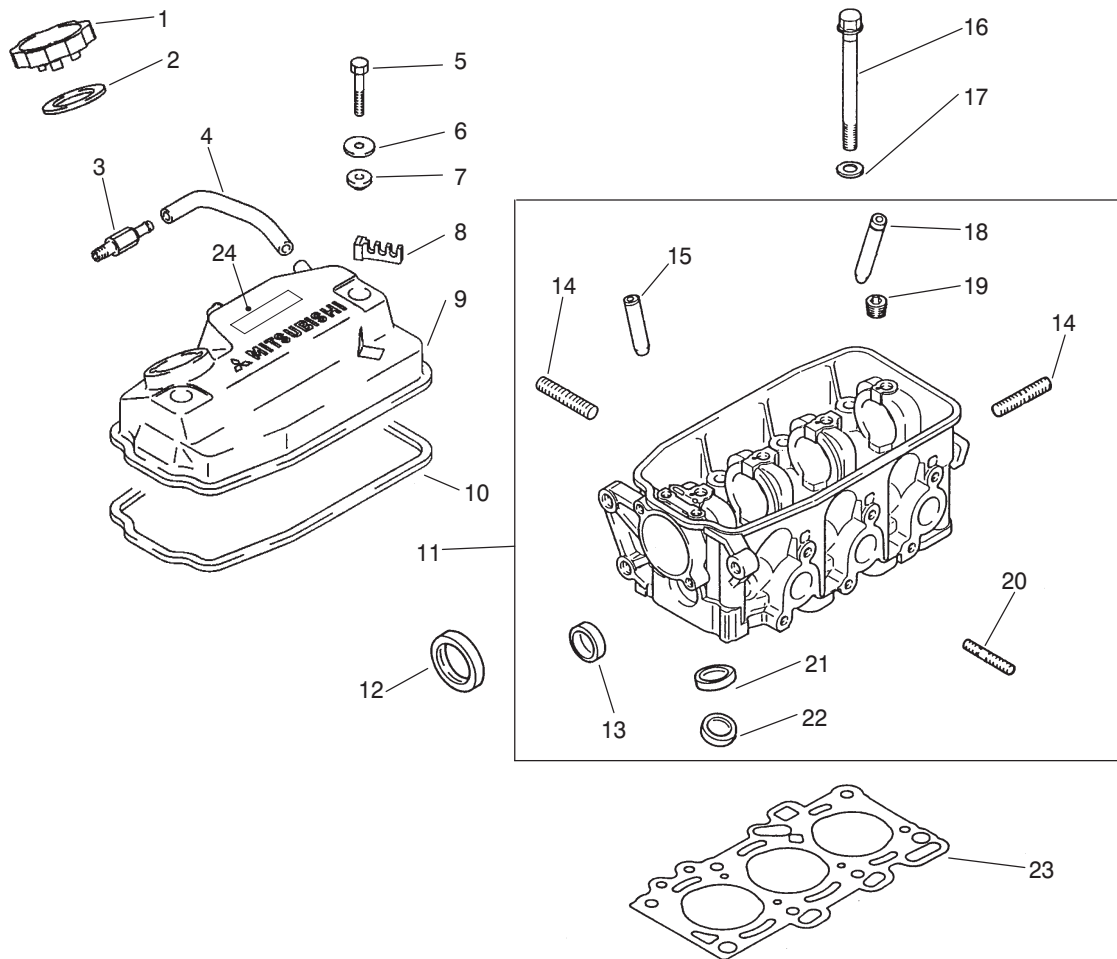


T-1631-1

## 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

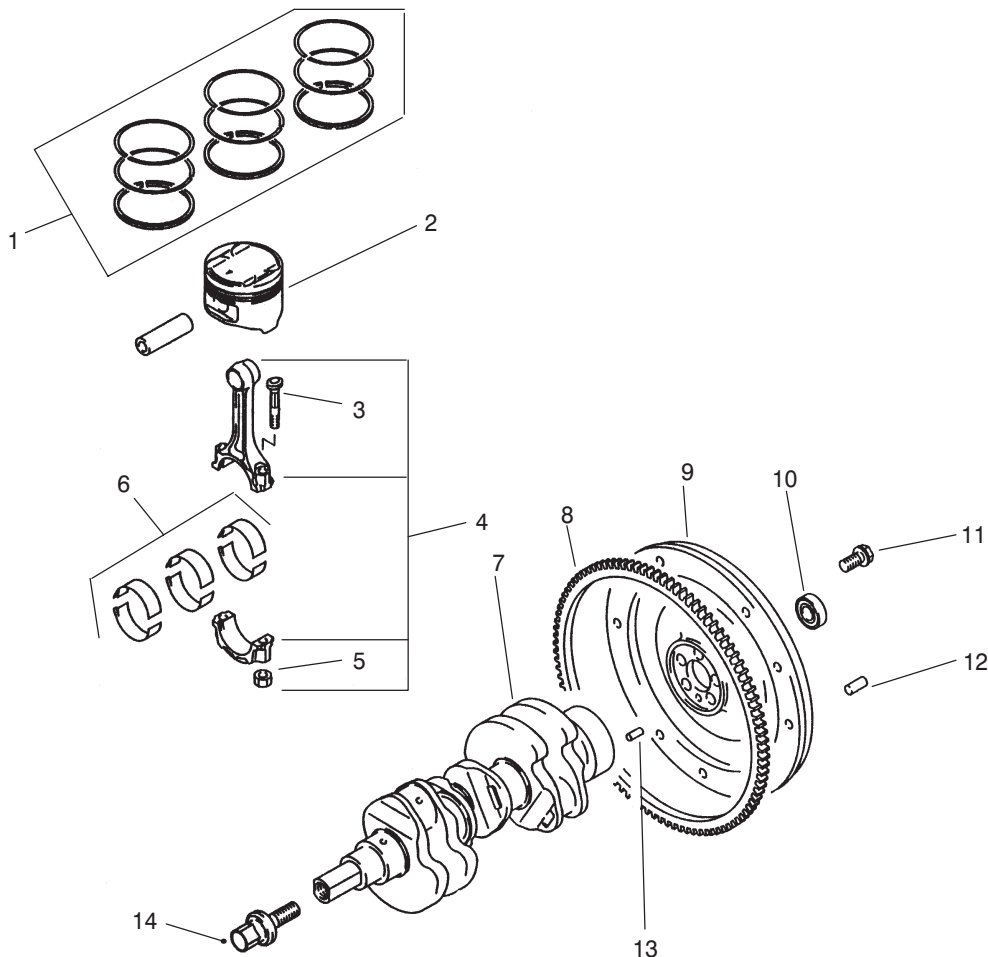
## Rocker Cover and Cylinder Head Assembly

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





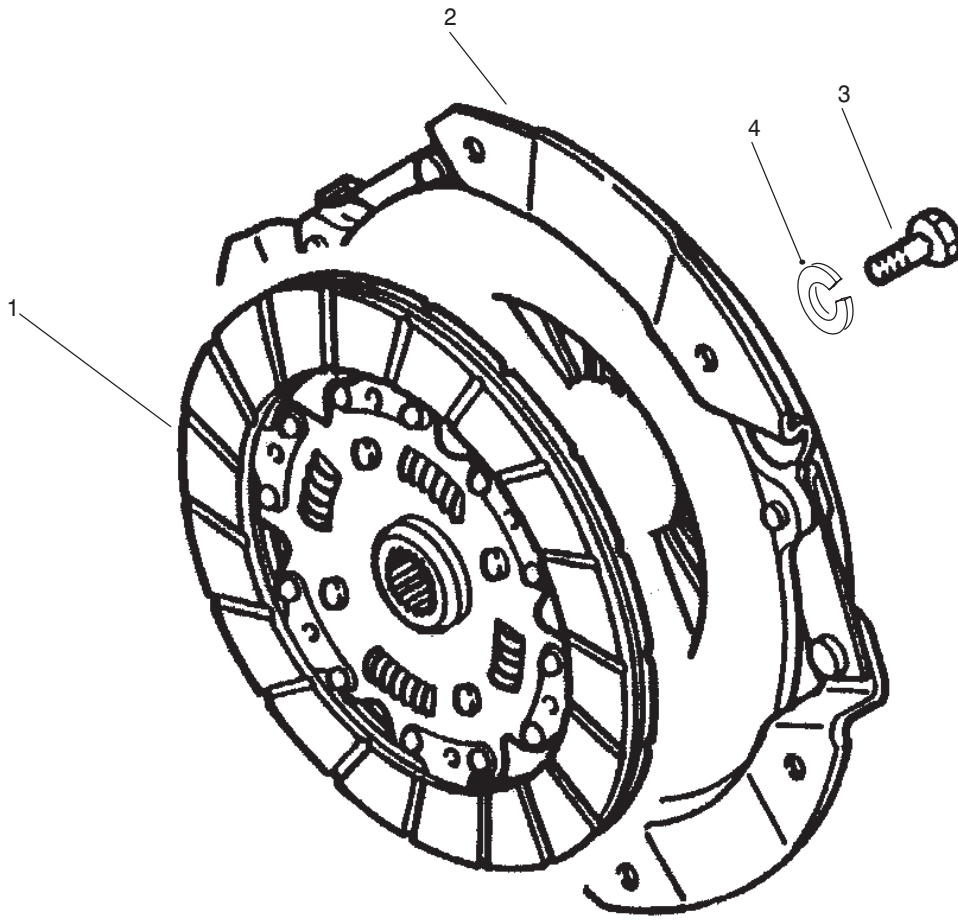
T-1633-1

## 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

Ref. No.	Part No.	Qty.	Description
12	42-7160	3	Pin-Dowel
13	92-2148	1	Pin-Dowel
14	92-2057	1	Bolt-PTO, Crankshaft

\* Not Illustrated

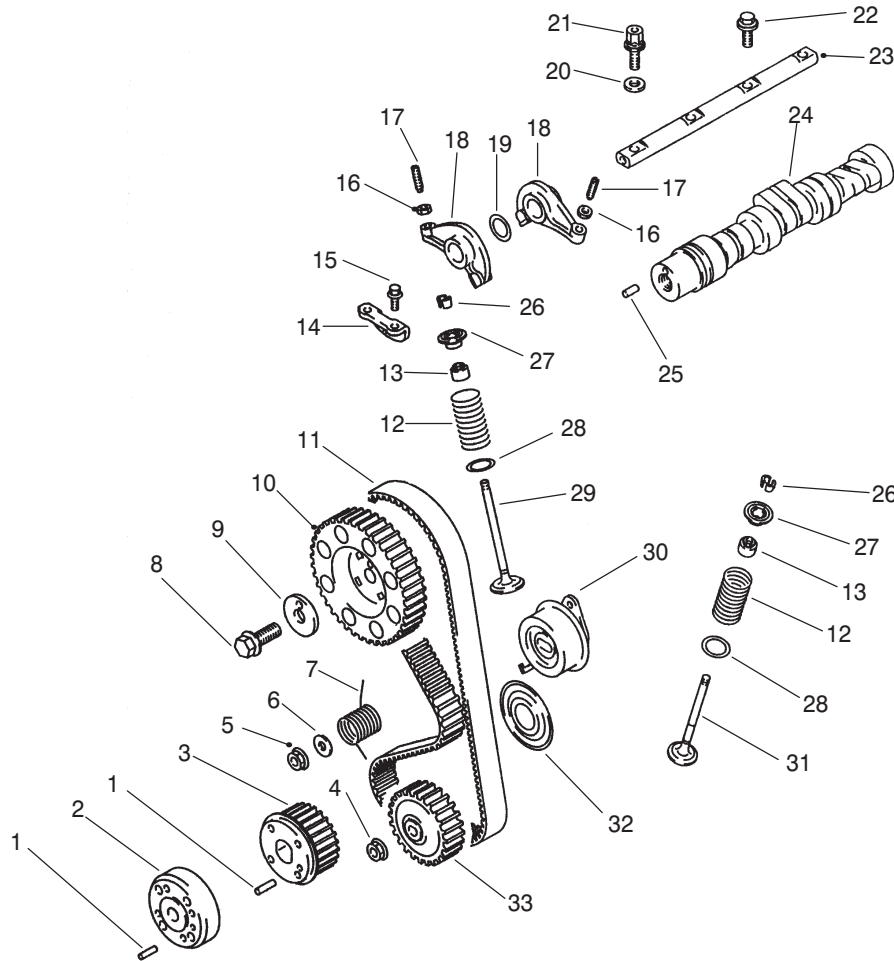


T-1644-1

## 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

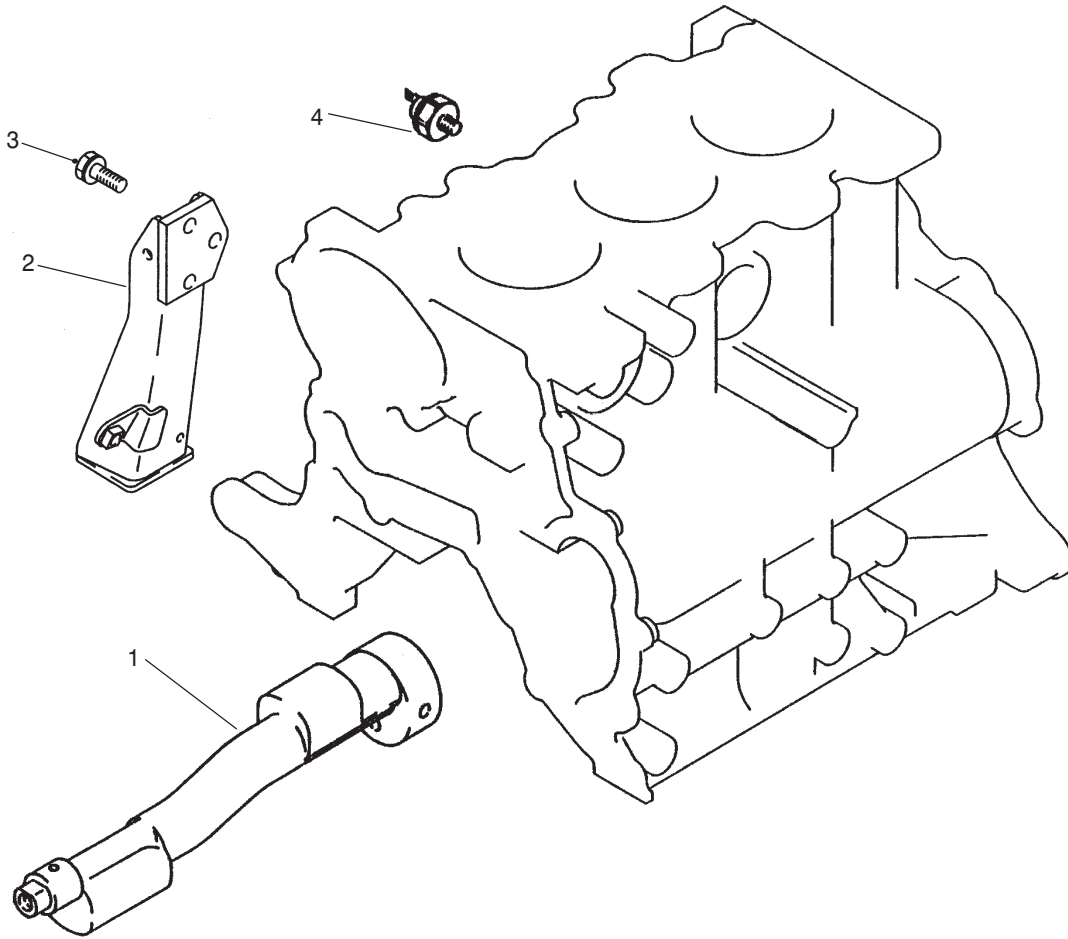


T-1634-1

## 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

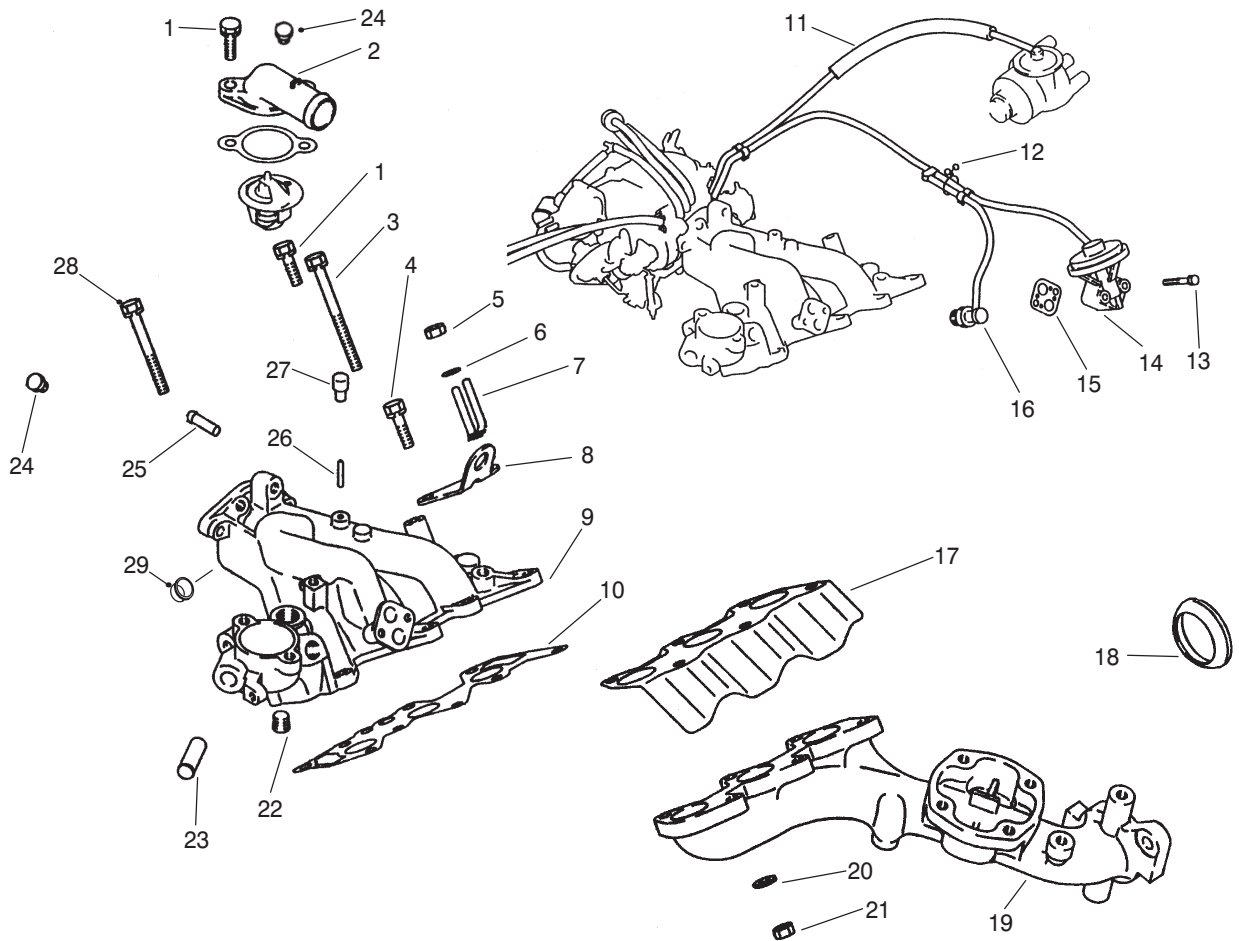
## Balancer and Oil Pressure Switch and Engine Mount

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







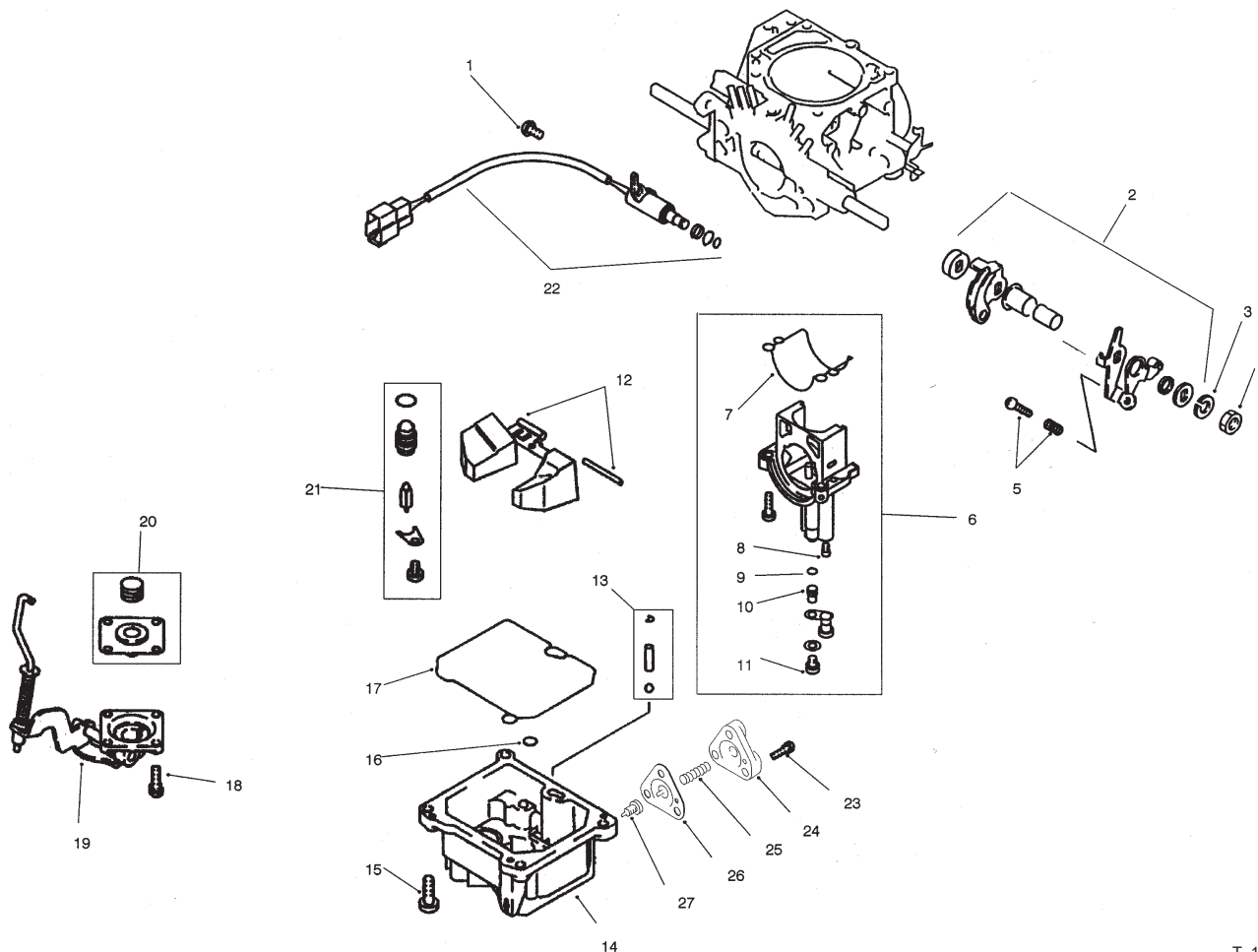
T-1640-1

## 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





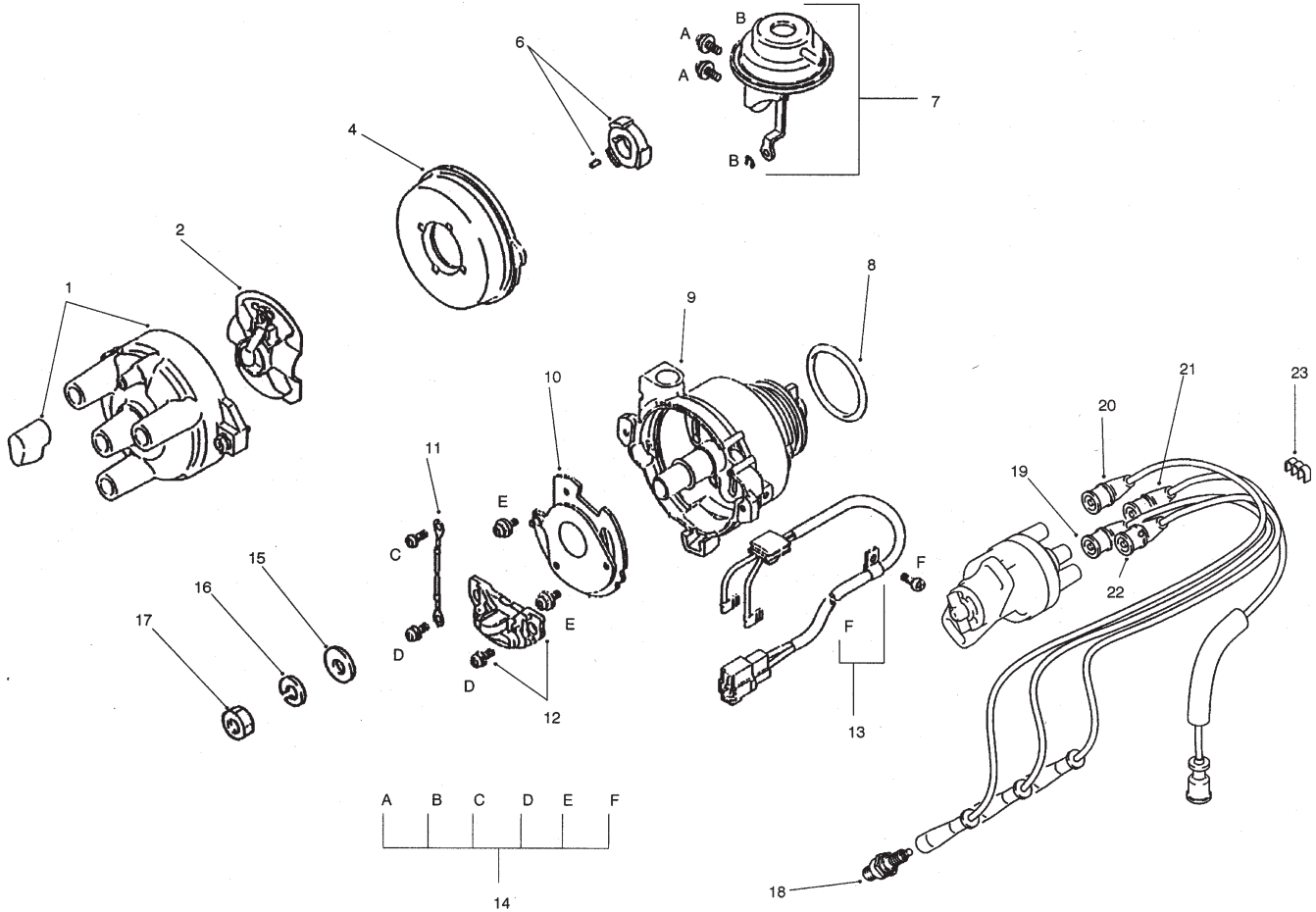
T-1638-1

## Carburetor Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	92-5148	1	Screw	☆23		1	Screw
2	92-5133	1	Kit-Lever, Throttle	☆24		1	Cover-Diaphragm
3	67-3260	1	Washer	☆25		1	Spring-Diaphragm
4	92-5154	1	Nut-Carburetor, INR	☆26		1	Diaphragm-Beyond, Power
5	92-5135	1	Kit-Adjusting Screw, Idle	☆27		1	Jet-Beyond, Power
†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				

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

☆ Not Serviced



T-1643-1

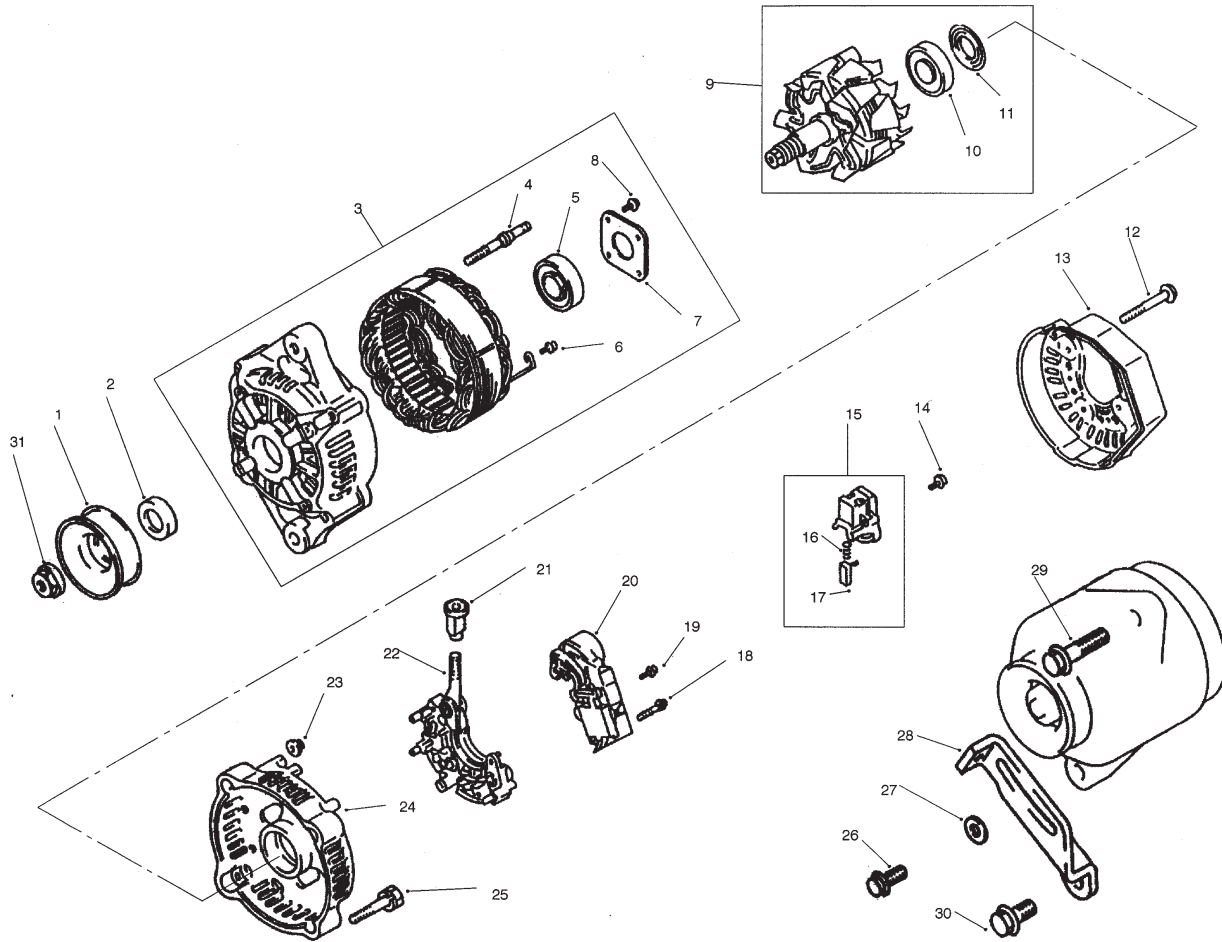
## Distributor Assembly

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





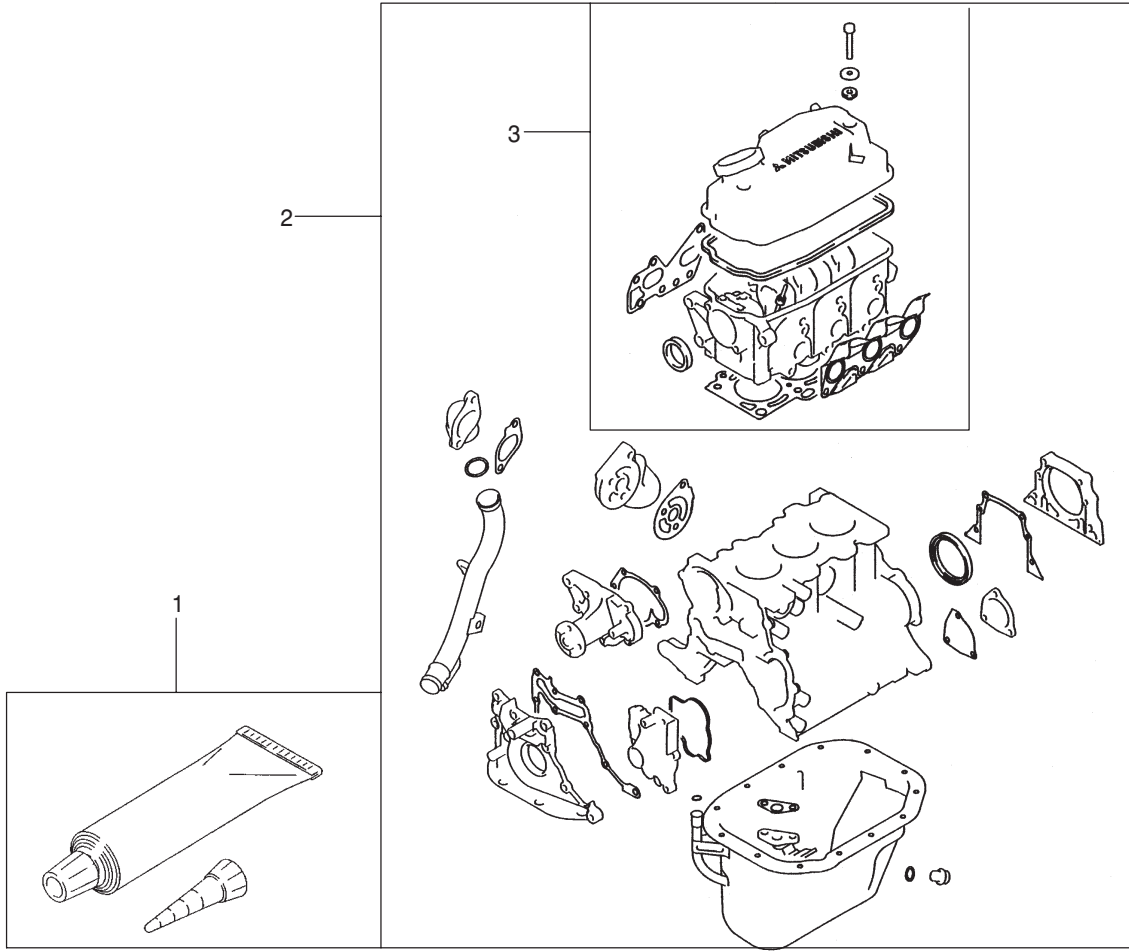
T-1636-1

## 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





