



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.

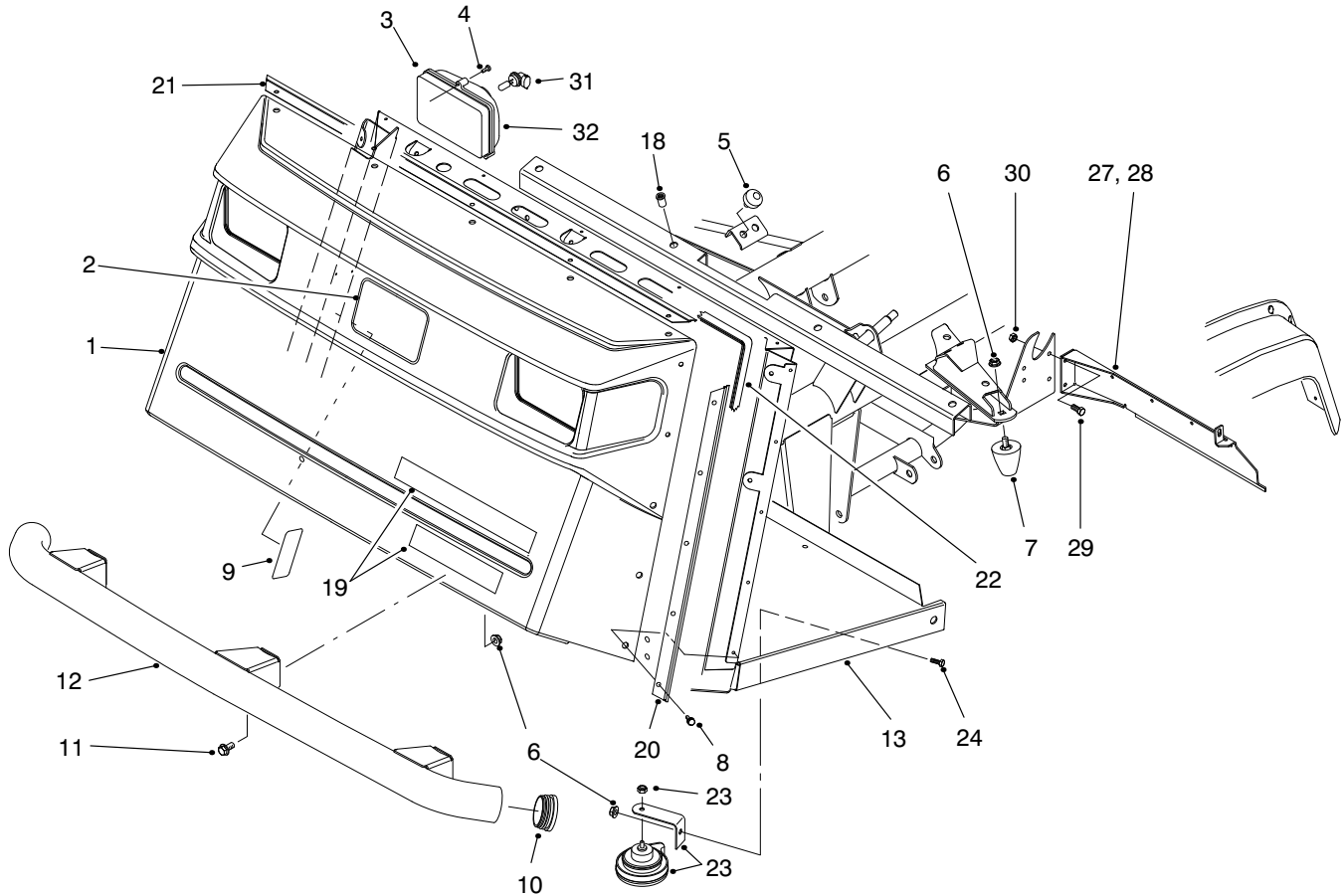
Contents

Description	Page	Description	Page
Front Bumper and Hood Assembly	3	Transaxle Installation Assembly	37
Control Panel Assembly	4	Transaxle Case Assembly	39
Steering Linkage Assembly	7	Countershaft Assembly	40
Steering Gear Assembly No. 87–1500	8	Transaxle Gear Shafts Assembly	41
Brake and Accelerator Pedal Assembly	10	Shift Fork Assembly	42
Master Brake Cylinder No. 94–3800	11	Differential Gear Assembly	43
Hydraulic Brake Line Routing Assembly	12	Battery Mount Assembly	44
Clutch Linkage Assembly	14	Fuel Tank Assembly	45
Seat Base Assembly	15	Air Cleaner and Fuel Supply Assembly	46
Seat Belt Assembly	16	Air Cleaner Assembly No. 95–5805	47
Seat Back Assembly	17	Steering Line Assembly	48
Roll Over Protection System (R.O.P.S.) Assembly	18	Backup Alarm and Tail Light Assembly	49
Console Assembly	19	Cylinder Block Assembly	50
Parking Brake Assembly	20	Rocker Cover and Cylinder Head Assembly	51
Front Suspension Assembly	21	Covers and Oil Pan Assembly	52
Front Suspension Control Arm Assembly	22	Piston and Crankshaft Assembly	53
Front Wheel Assembly	23	Clutch and Clutch Release Assembly	54
Front Brake Assembly	24	Camshaft and Valves Assembly	55
Rear Frame and Relay Assembly	25	Balancer, Oil Pressure Switch & Engine Mount ..	56
Rear Axle Assembly	26	Oil Pump and Filter Assembly	57
Rear Brake Assembly	28	Water Pump and Thermostat Assembly	58
Radiator and Hydraulic Pump Assembly	29	Exhaust and Intake Manifold Assembly	59
Hydraulic Pump Assembly No. 99–1054	30	Carburetor Installation Assembly	60
Hydraulic Pump Drive Assembly	31	Carburetor Assembly	61
Engine Frame Assembly	32	Distributor Assembly	62
Engine Installation Assembly	33	Starter Assembly	63
Governor Assembly	35	Alternator Assembly	64
Governor Assembly No. 87–8720	36	Gasket Kit	65

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		



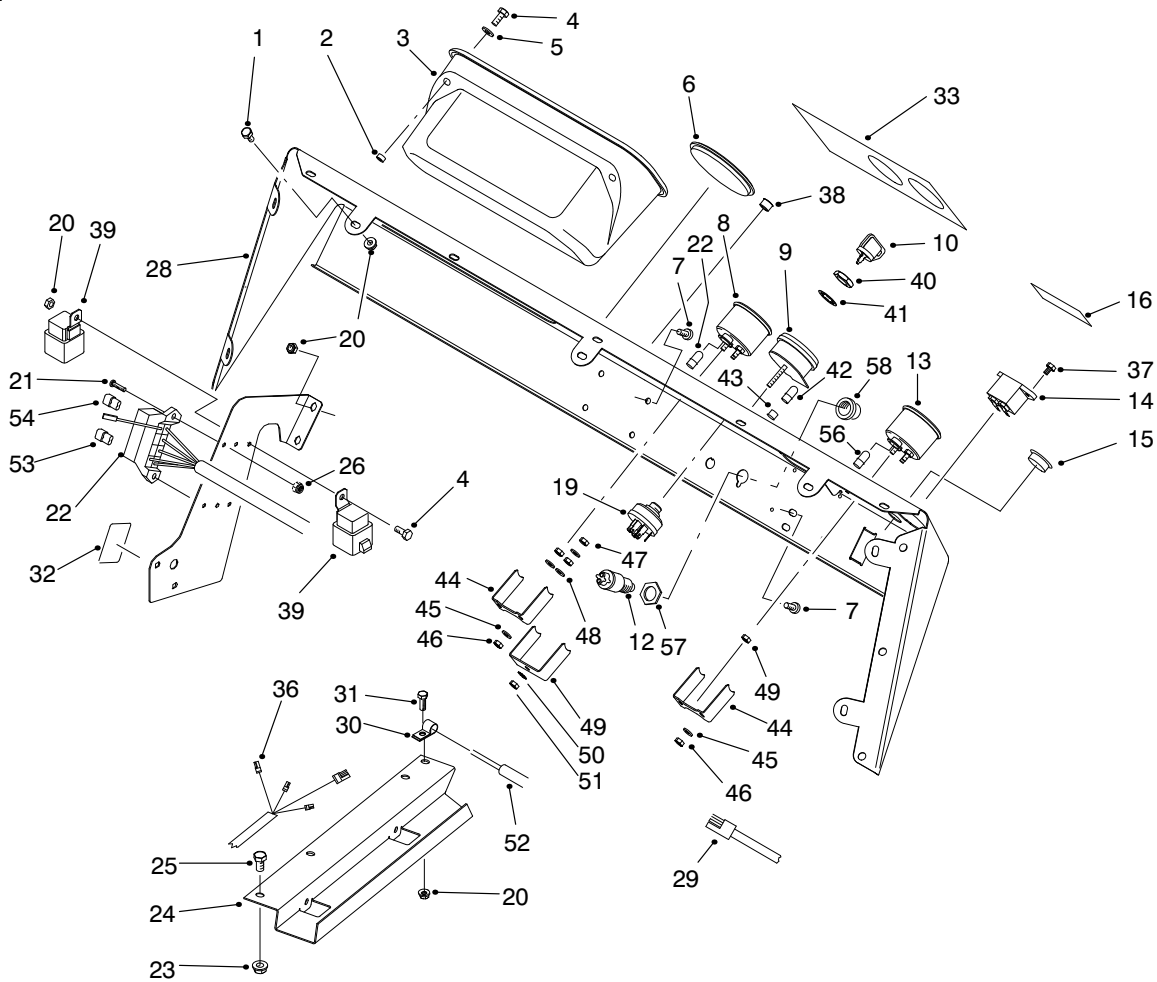
T-2995

Front Bumper and Hood Assembly

Ref. No.	Part No.	Qty.	Description
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



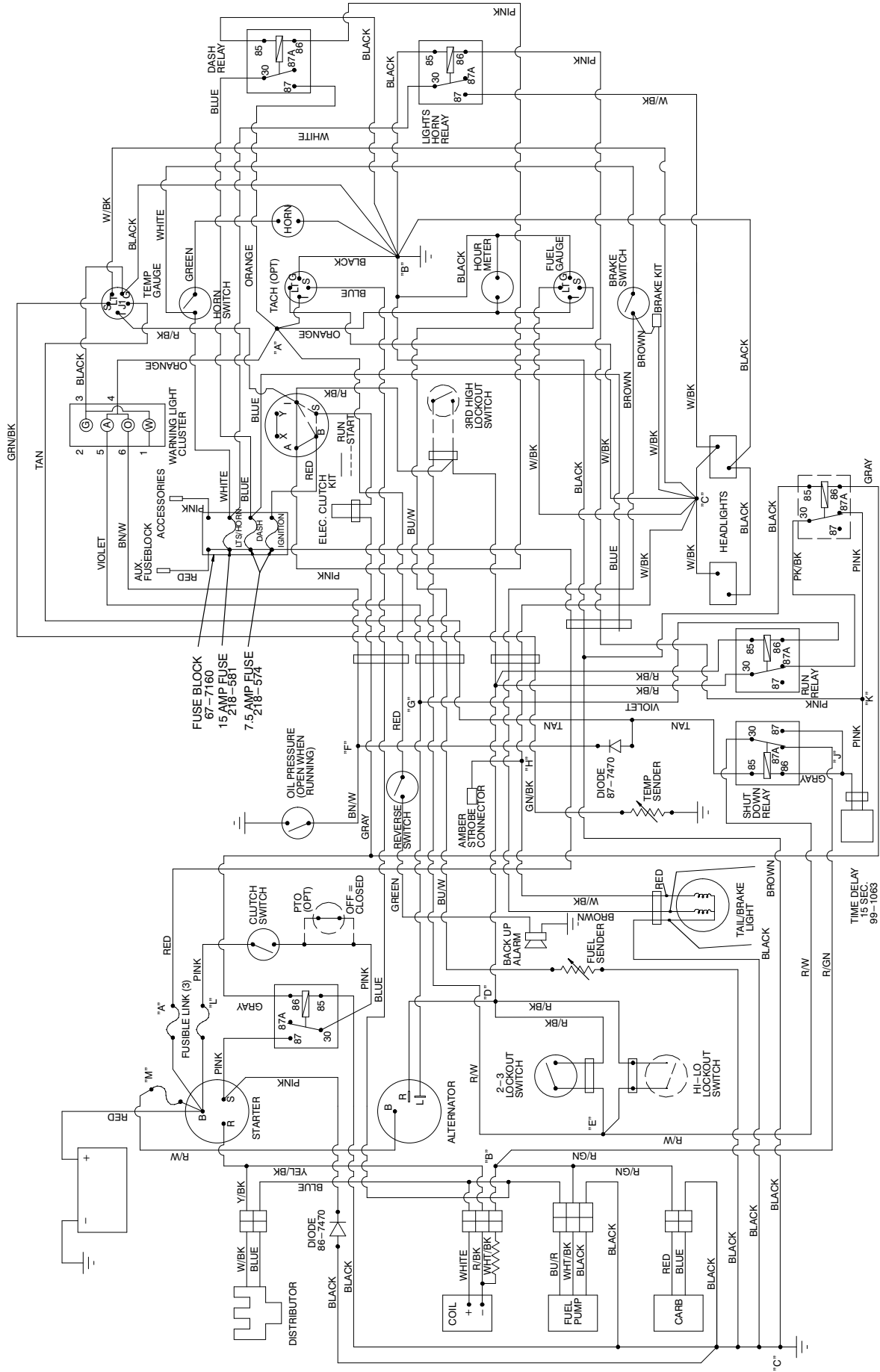
T-3163

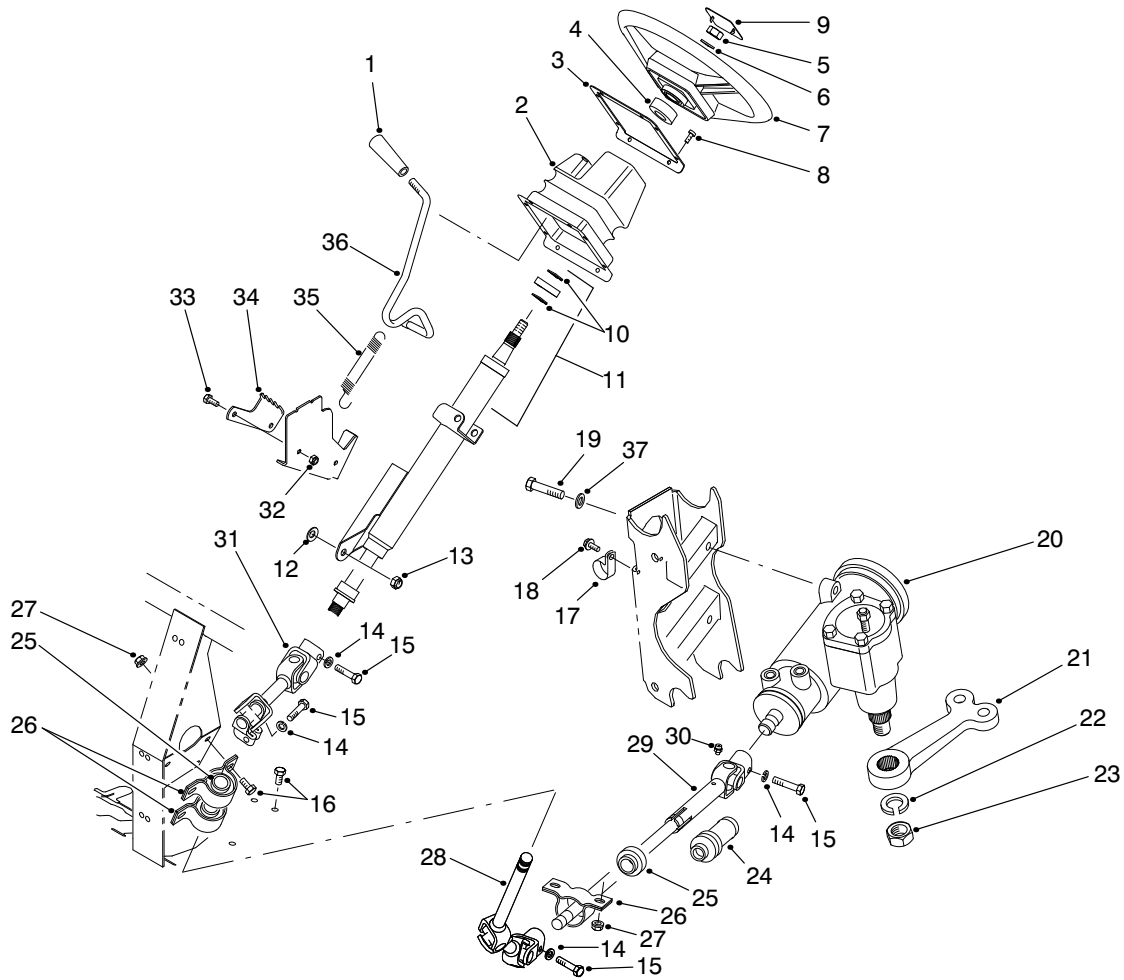
Control Panel Assembly

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

Electrical Schematic



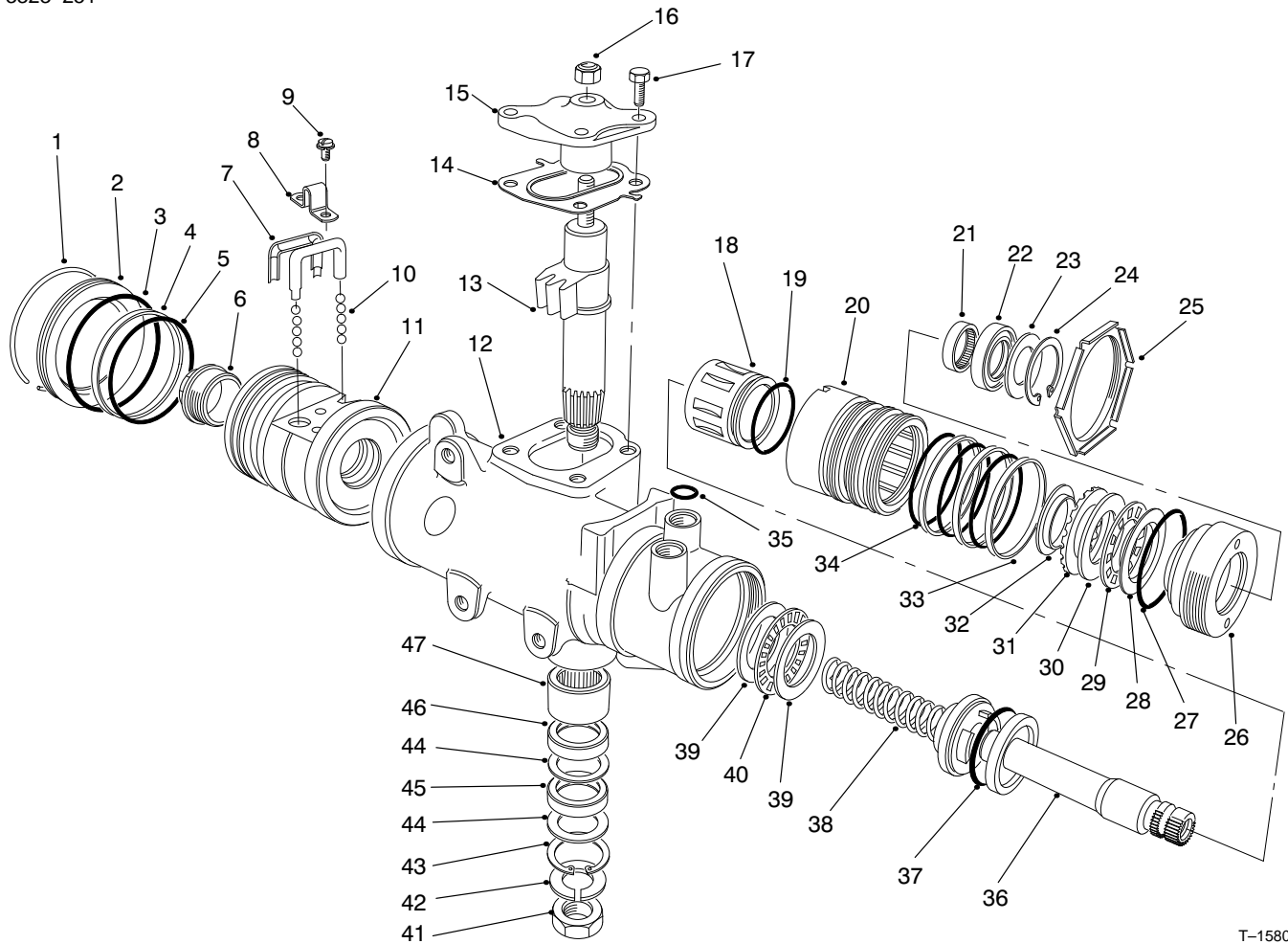


T-1584-1

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



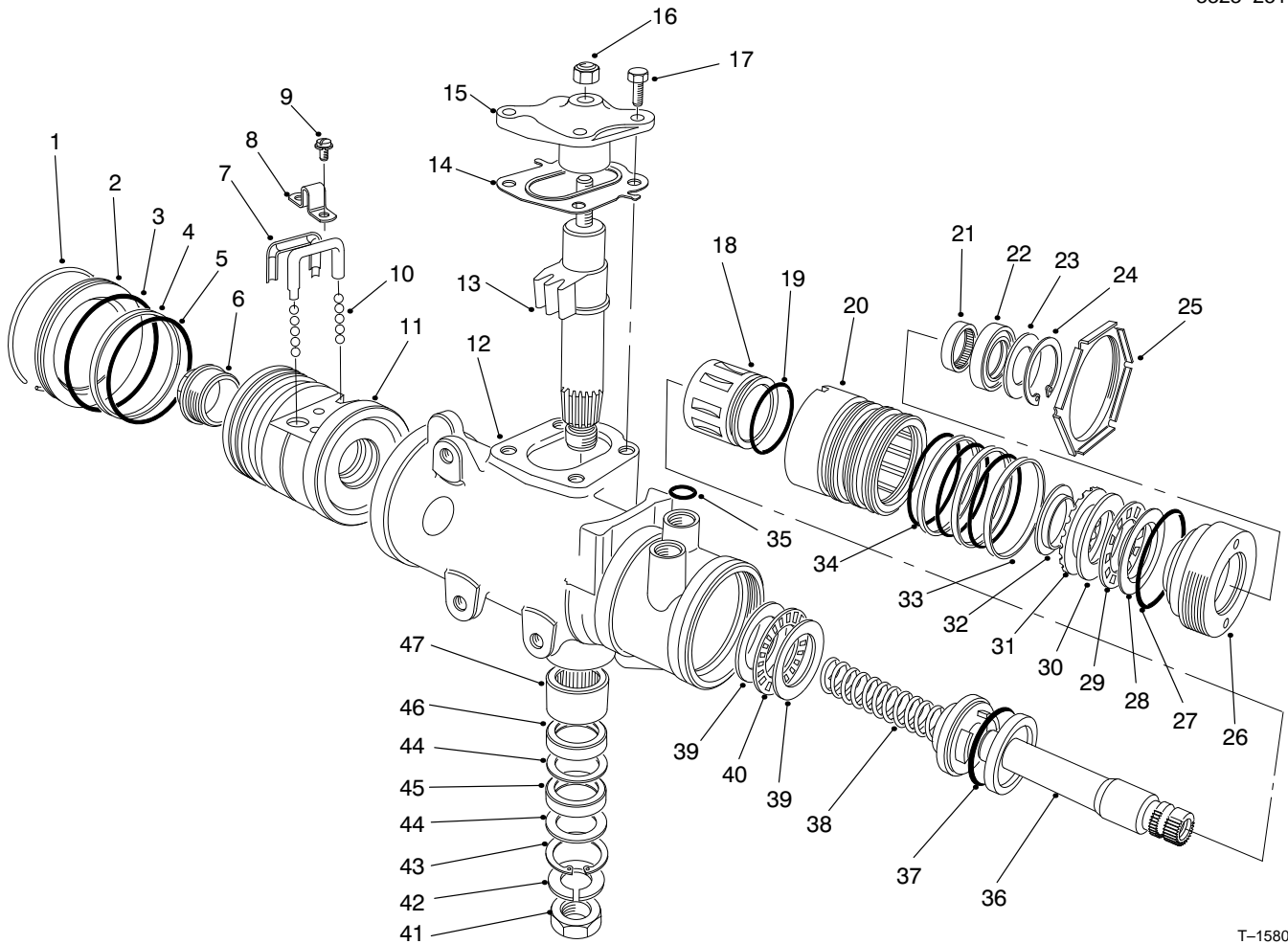
T-1580-1

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



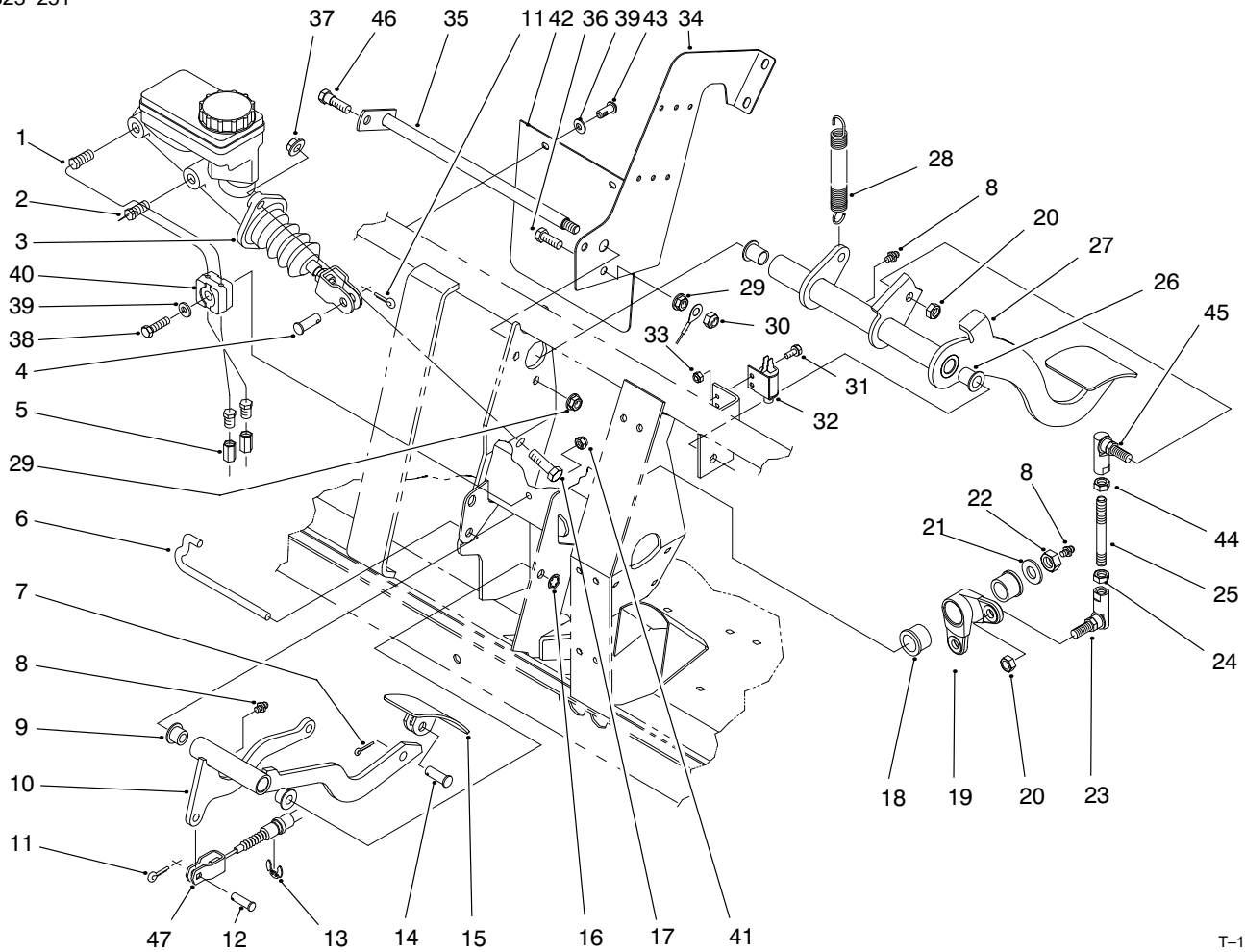
T-1580-1

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

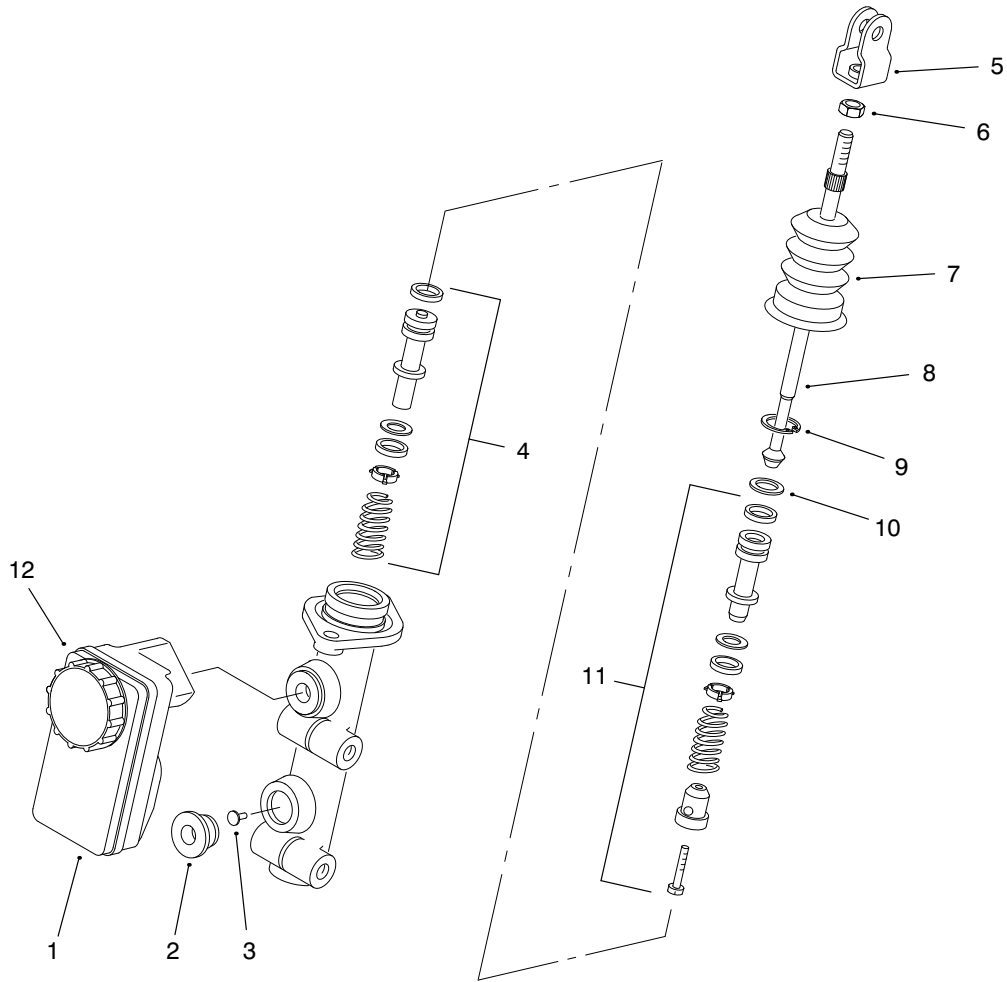


T-1585-2

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



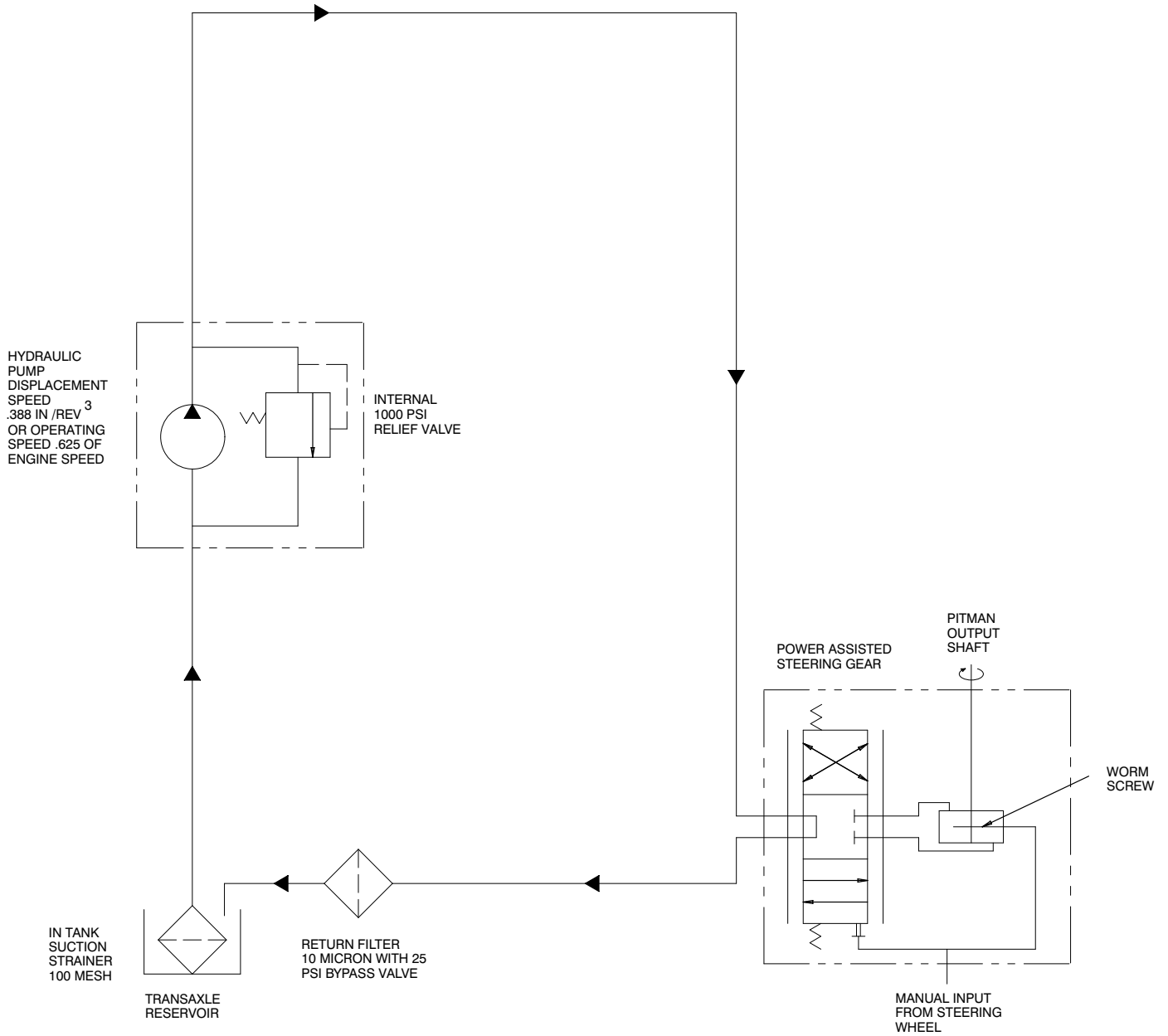
T-2339-1

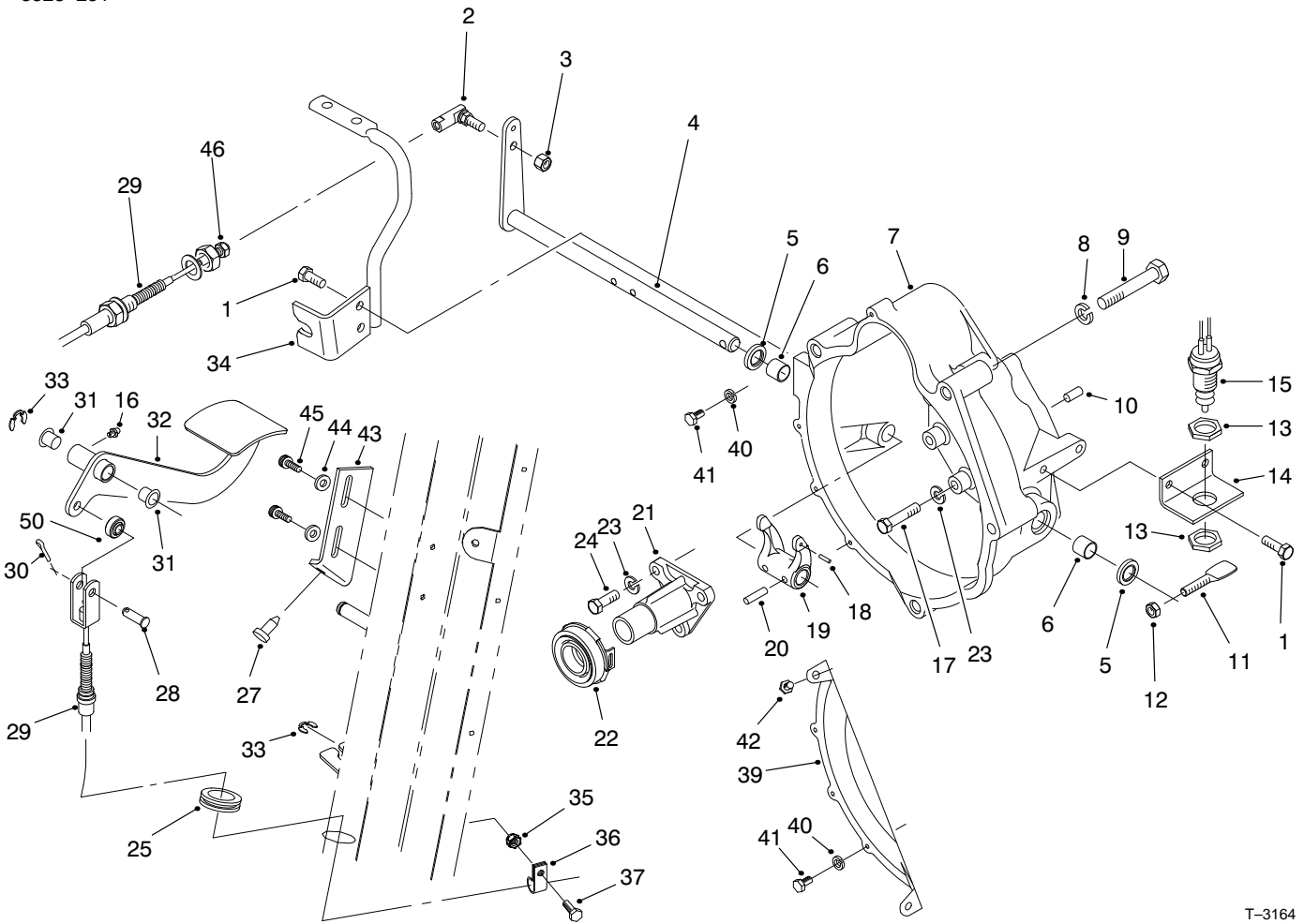
Master Brake Cylinder No. 94-3800

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

Hydraulic Schematic



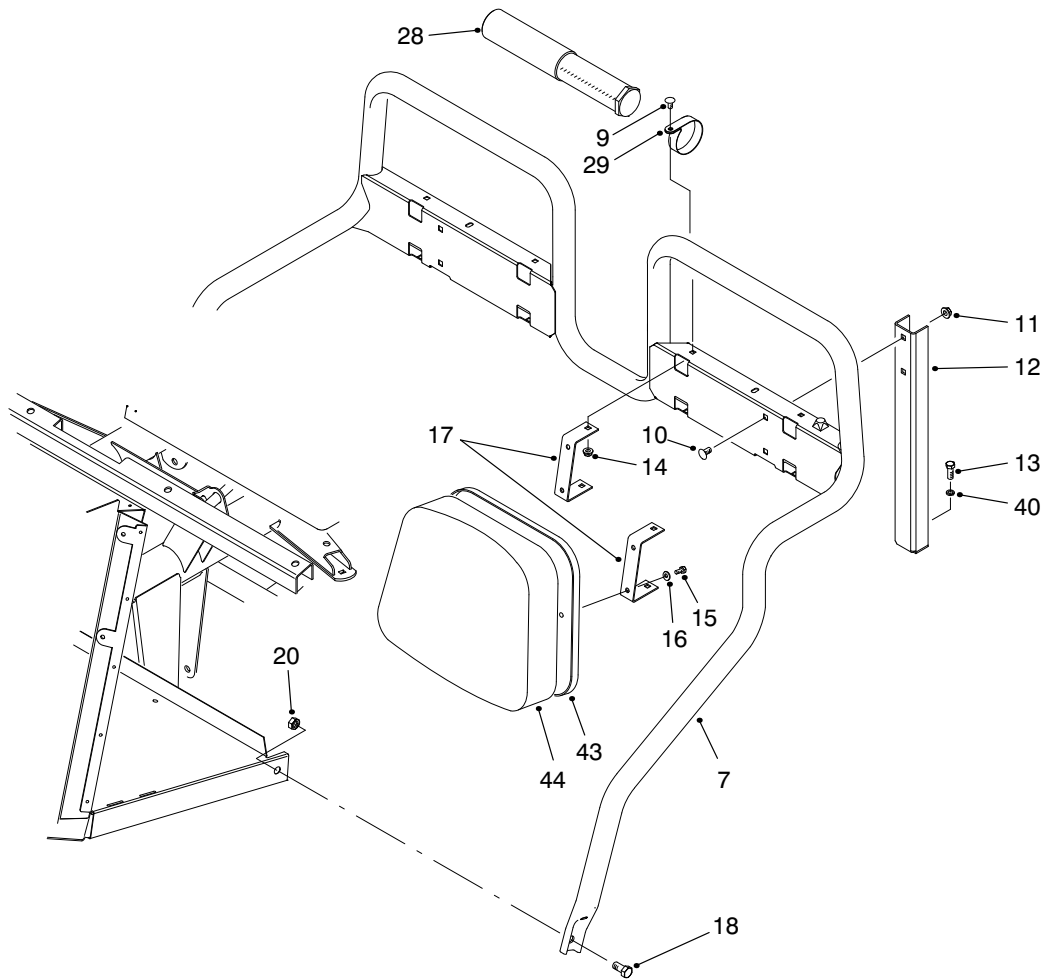


T-3164

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

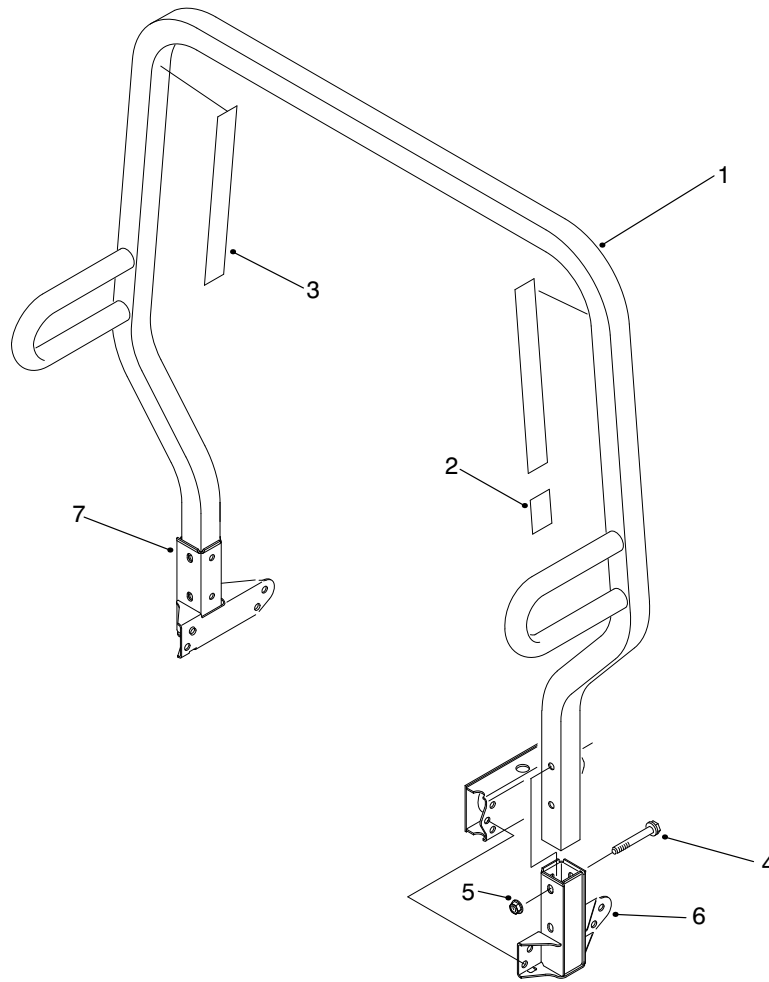


T-2998

Seat Back Assembly

Ref. No.	Part No.	Qty.	Description	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)				

* Not Illustrated

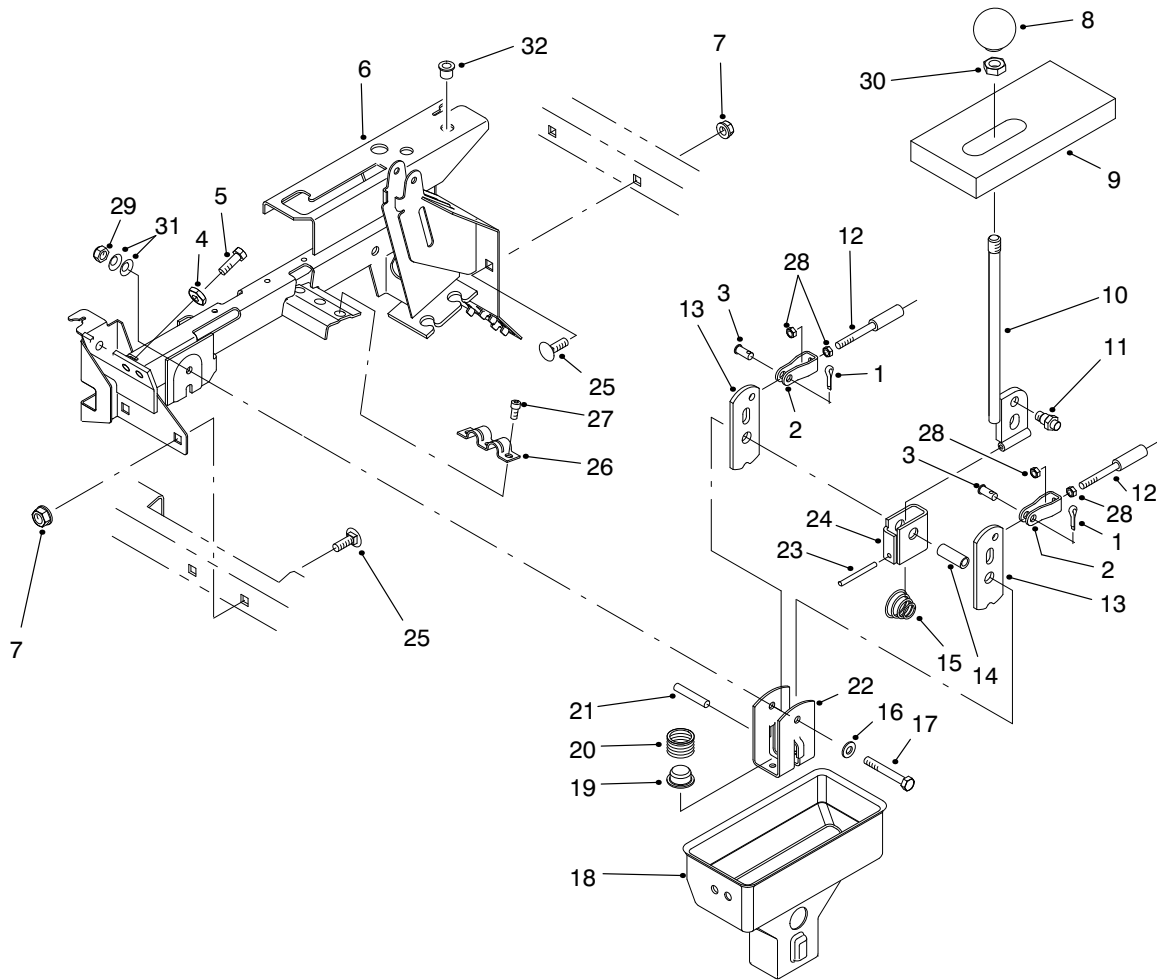


T-1592-1

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

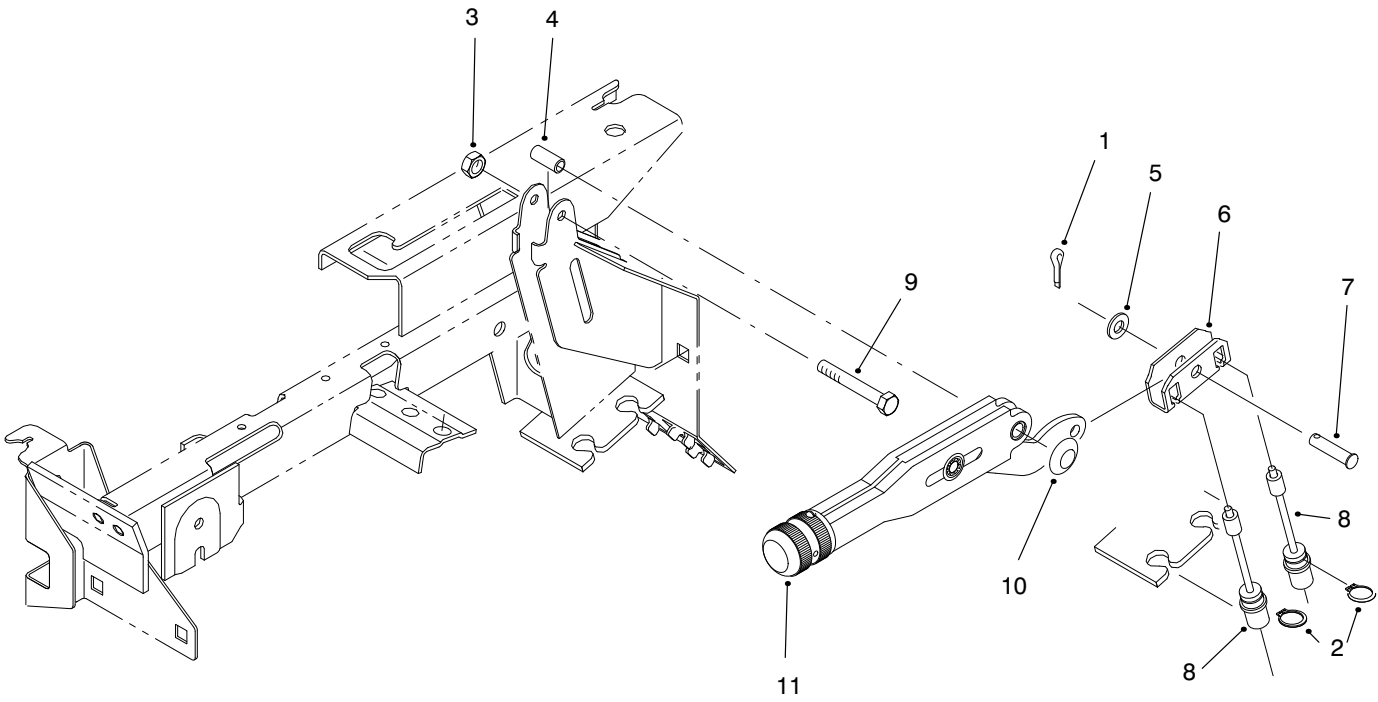


T-2999

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

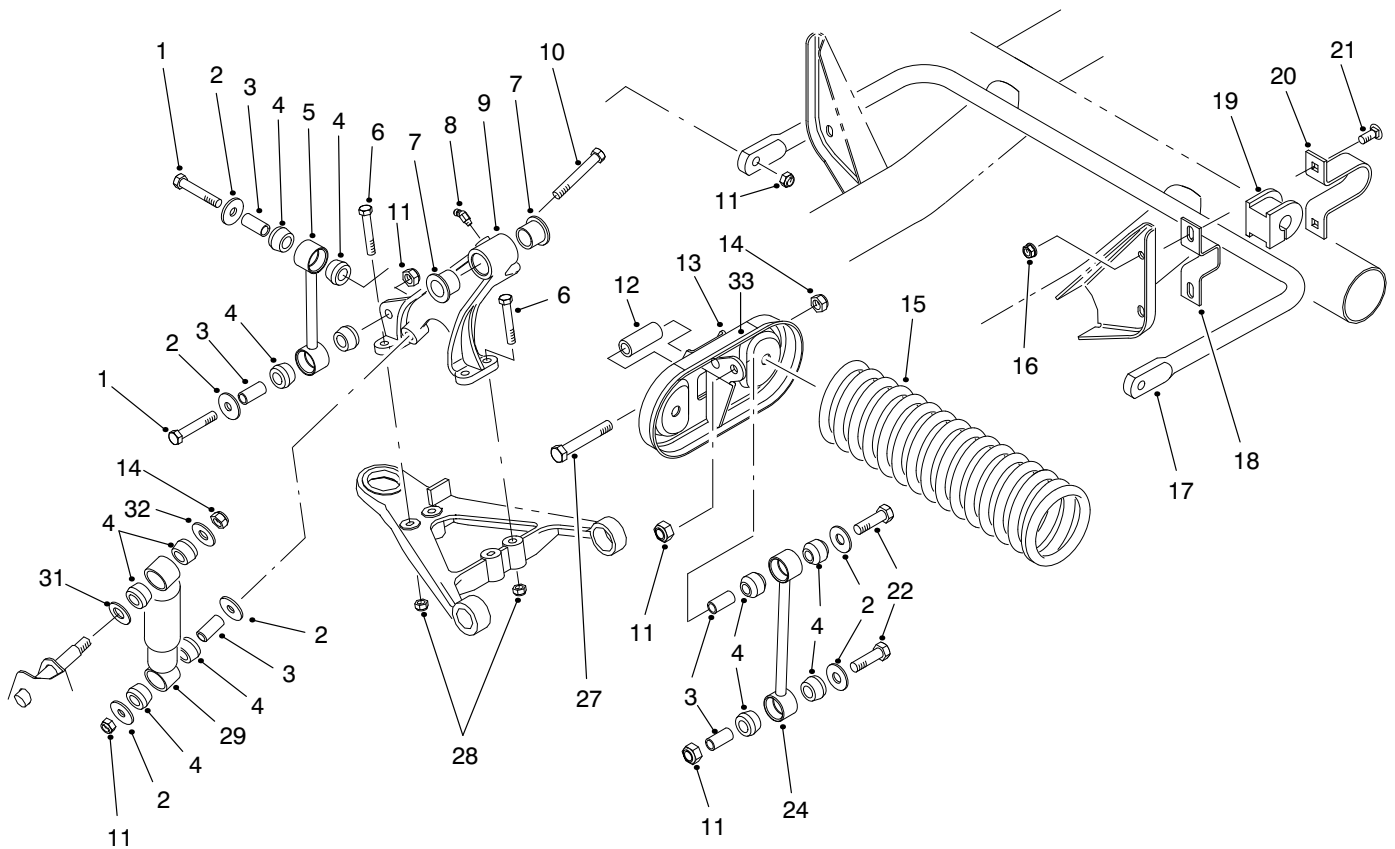


T-3000

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

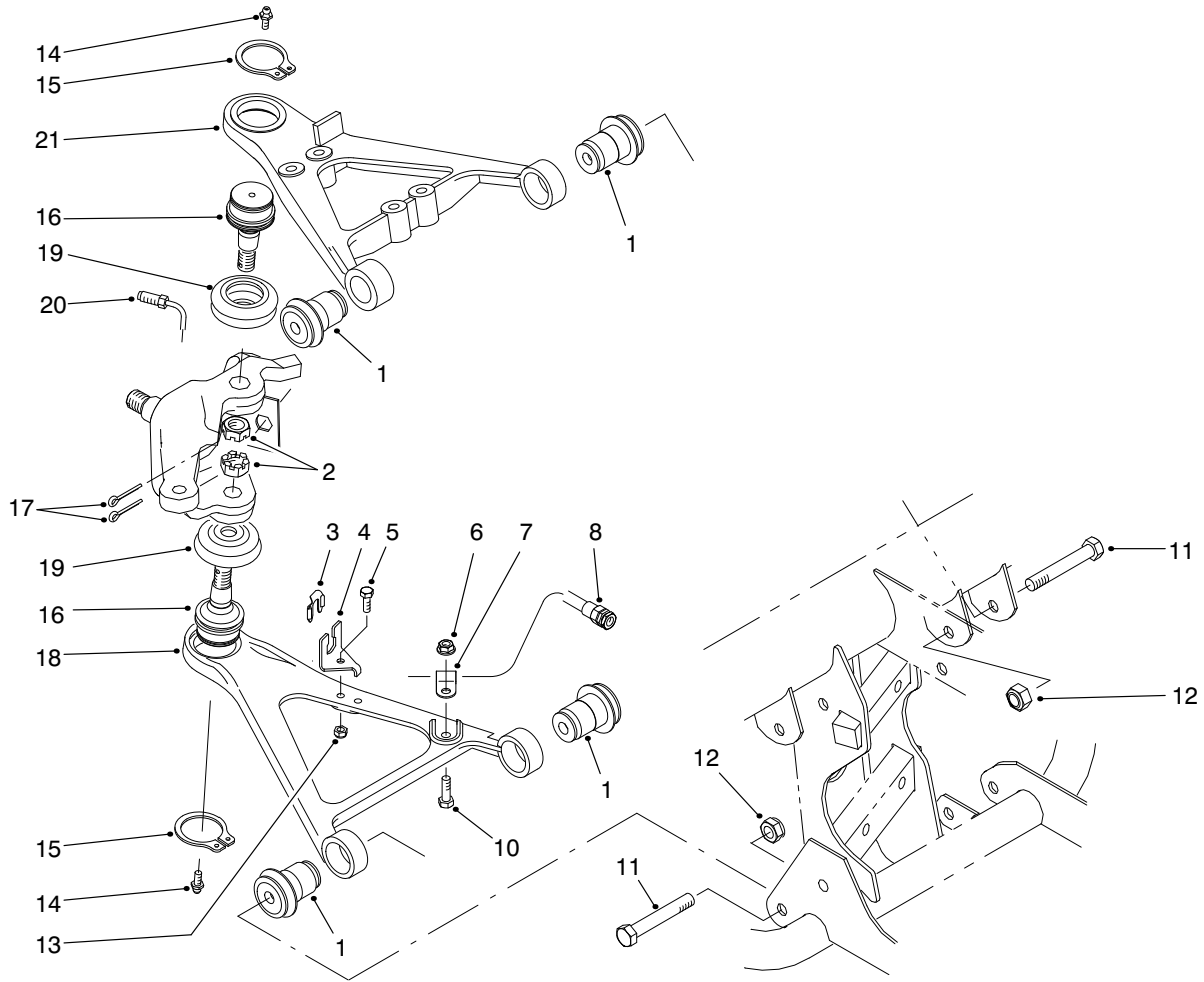


T-1593-1

Front Suspension Assembly

Ref. No.	Part No.	Qty.	Description	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



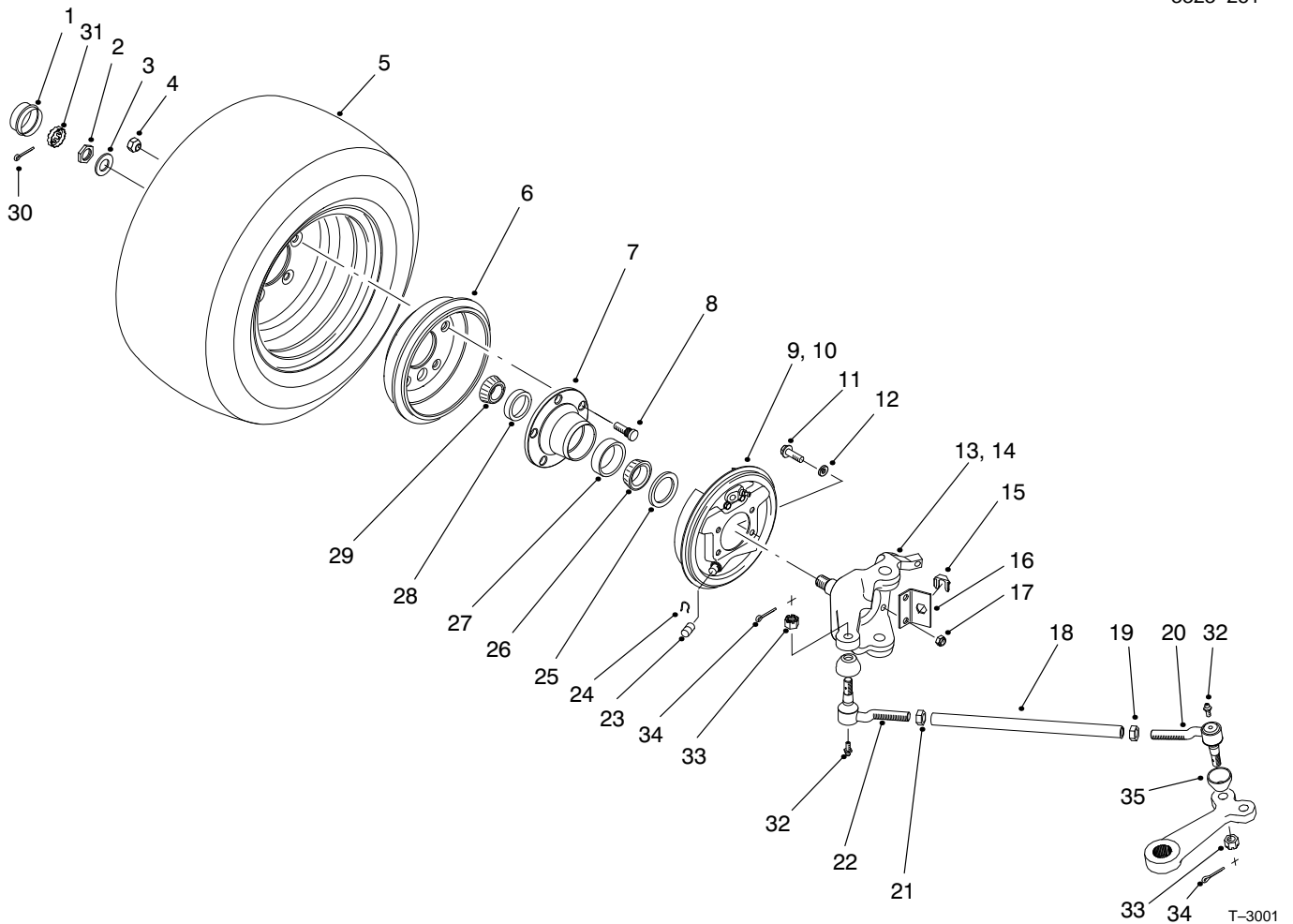
T-1594-1

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

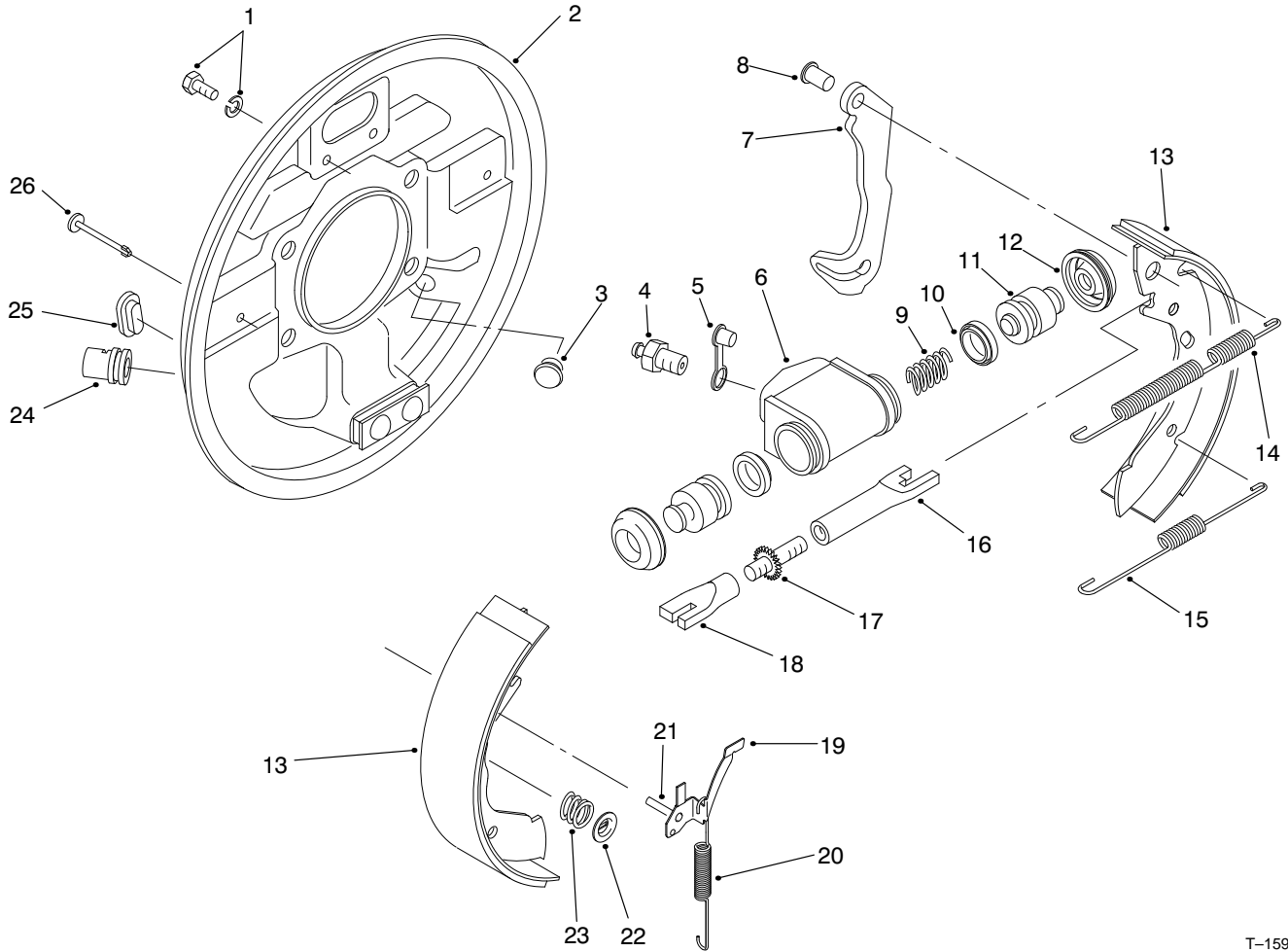
* Not Illustrated



Front Wheel Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	241-119	2	Cap-Dust	25	87-3590	2	Seal-Bearing
2	3220-7	2	Nut-Jam	26	254-106	2	Cone-Bearing
3	93-0309	2	Washer-Tab	27	254-107	2	Cup-Bearing
4	23-7270	10	Nut-Lug	28	254-72	2	Cup-Bearing
5	98-2977	2	Tire & Wheel ASM	29	254-94	2	Cone-Bearing
6	87-0270	2	Drum-Brake	30	3272-12	2	Pin-Cotter
7	87-5560	2	Hub-Wheel	31	93-0307	2	Nut-Retainer
8	87-8730	10	Stud-Drive	32	302-5	4	Fitting-Grease
9	87-3010	1	RH Brake ASM	33	32136-3	4	Nut-Slotted
10	87-3020	1	LH Brake ASM	34	3272-12	4	Pin-Cotter
11	323-8	8	Screw-HH	35		4	Seal-End, Rod
12	3253-21	8	Washer-Lock	*	87-5340	4	Kit-Seal, Tie Rod End (Incl. Ref. #32-35)
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				

* Not Illustrated



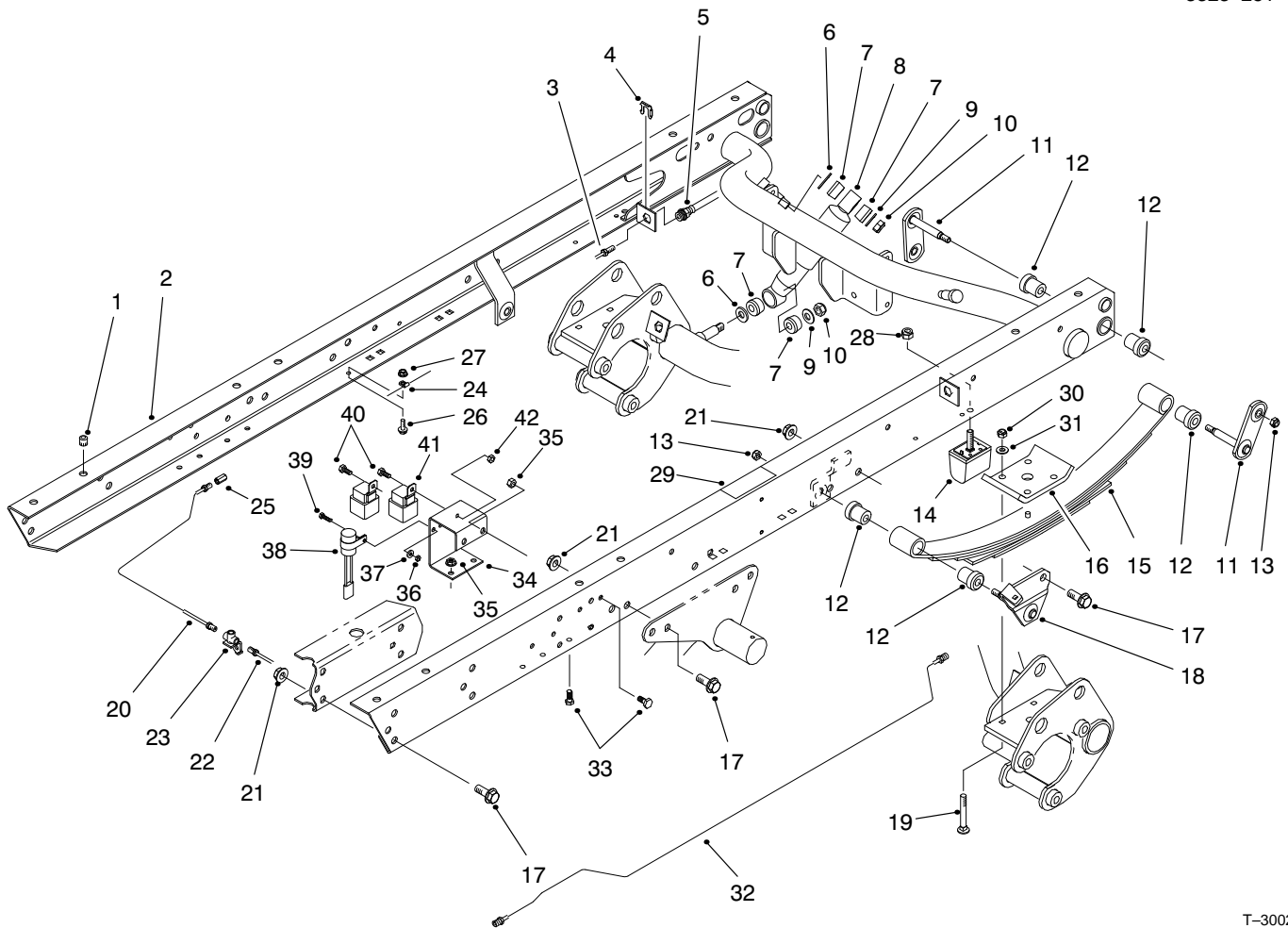
T-1596-1

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	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



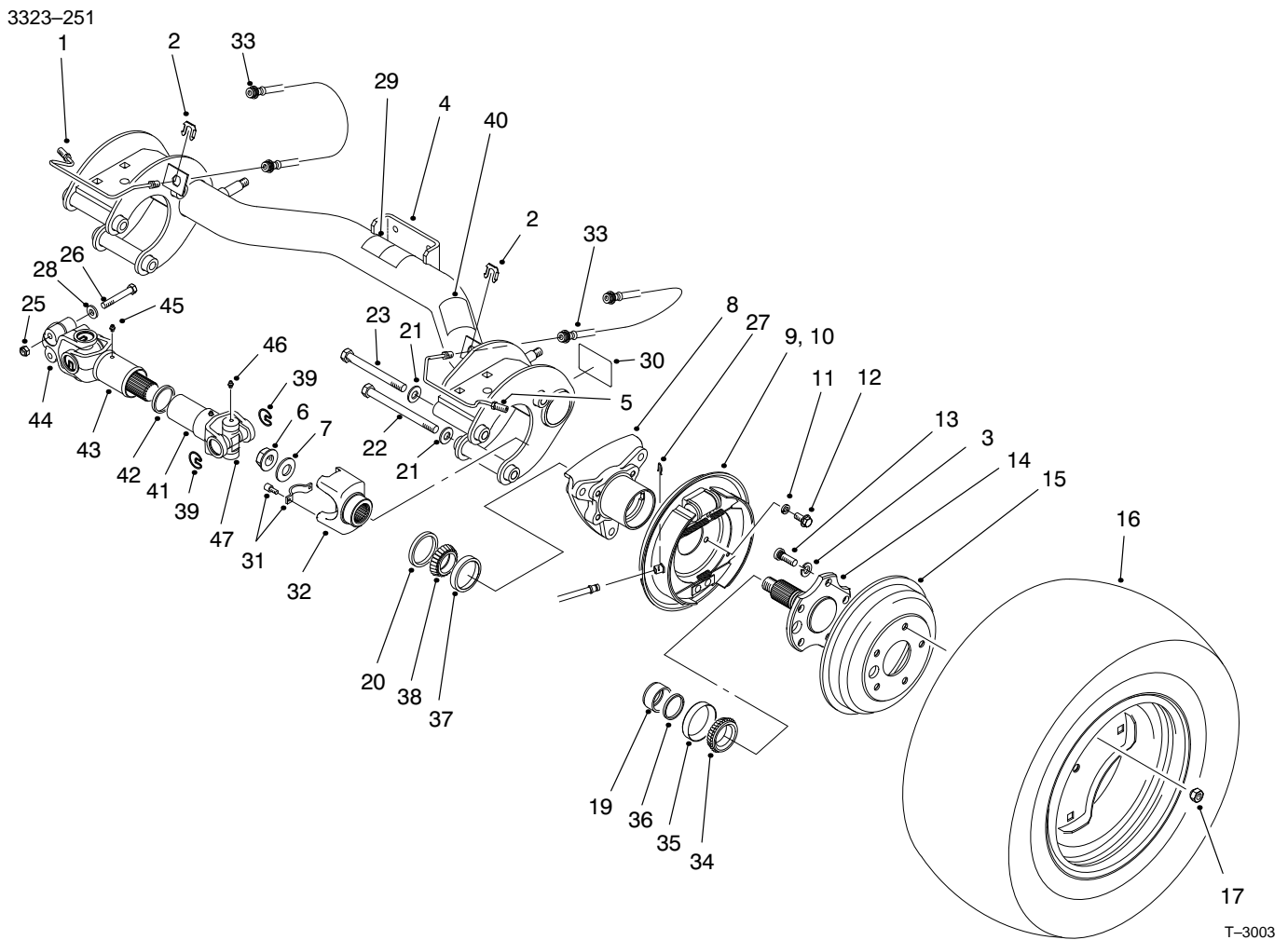
T-3002

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



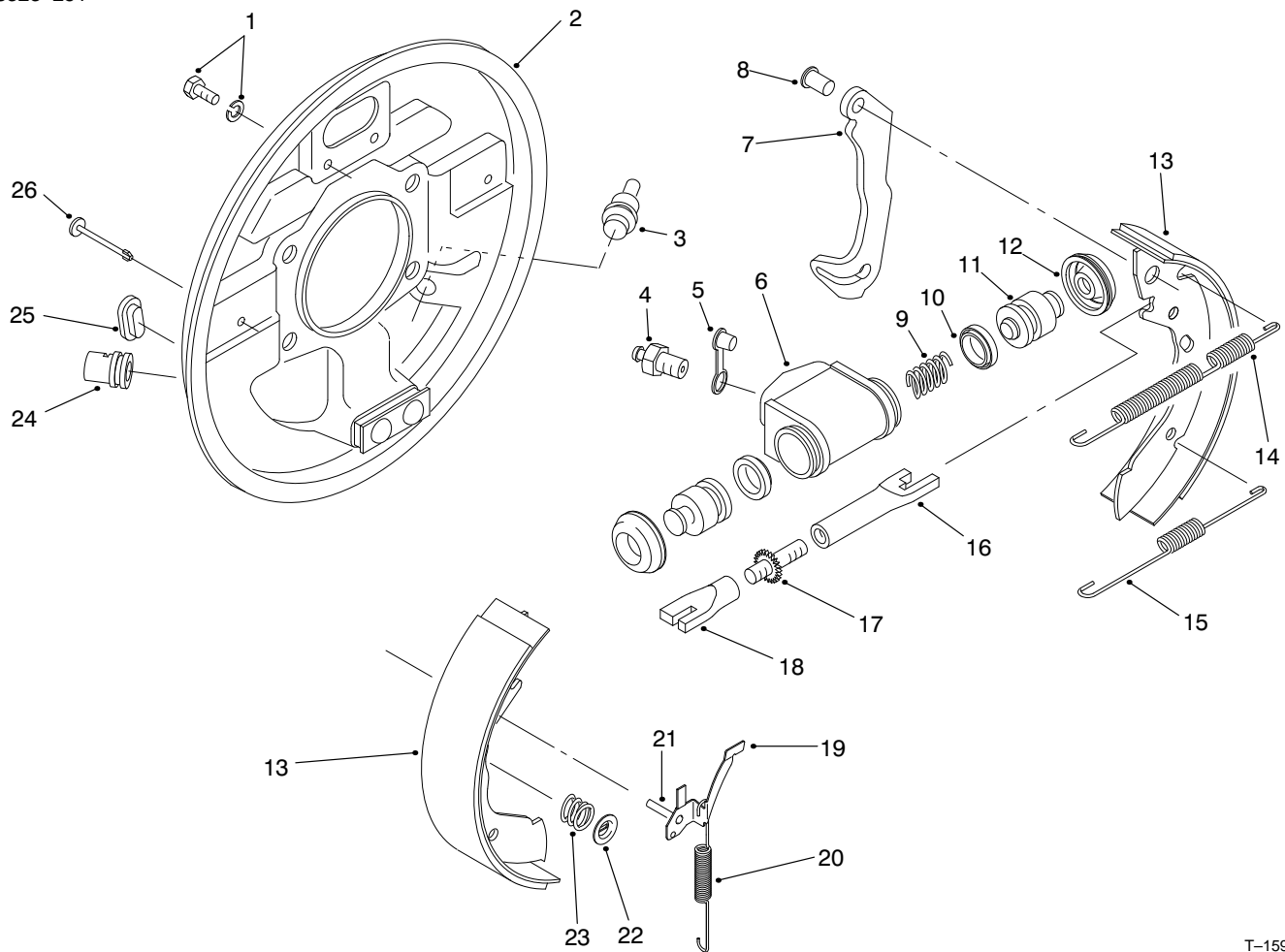
Rear Axle Assembly

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.



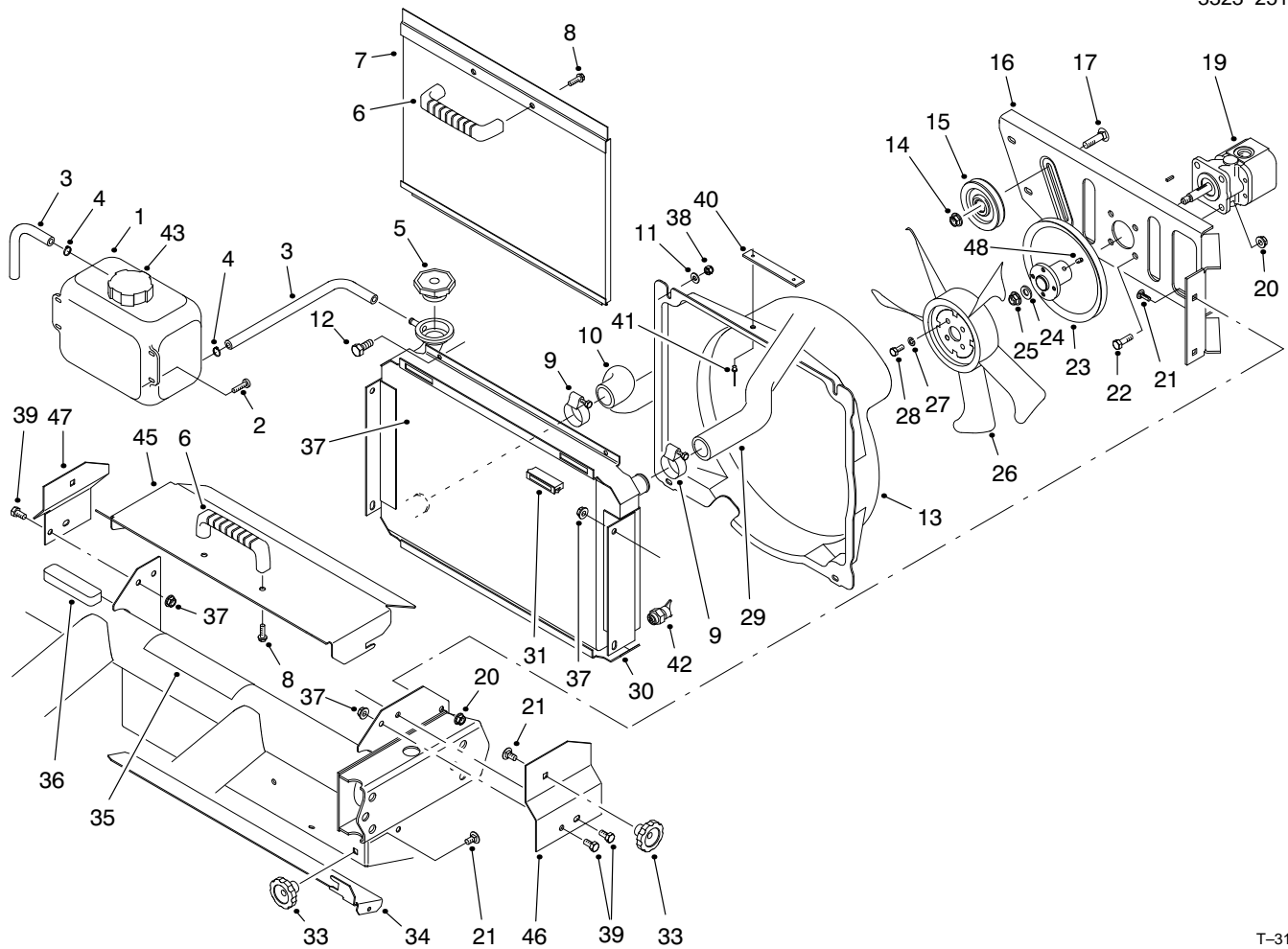
T-1599-1

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

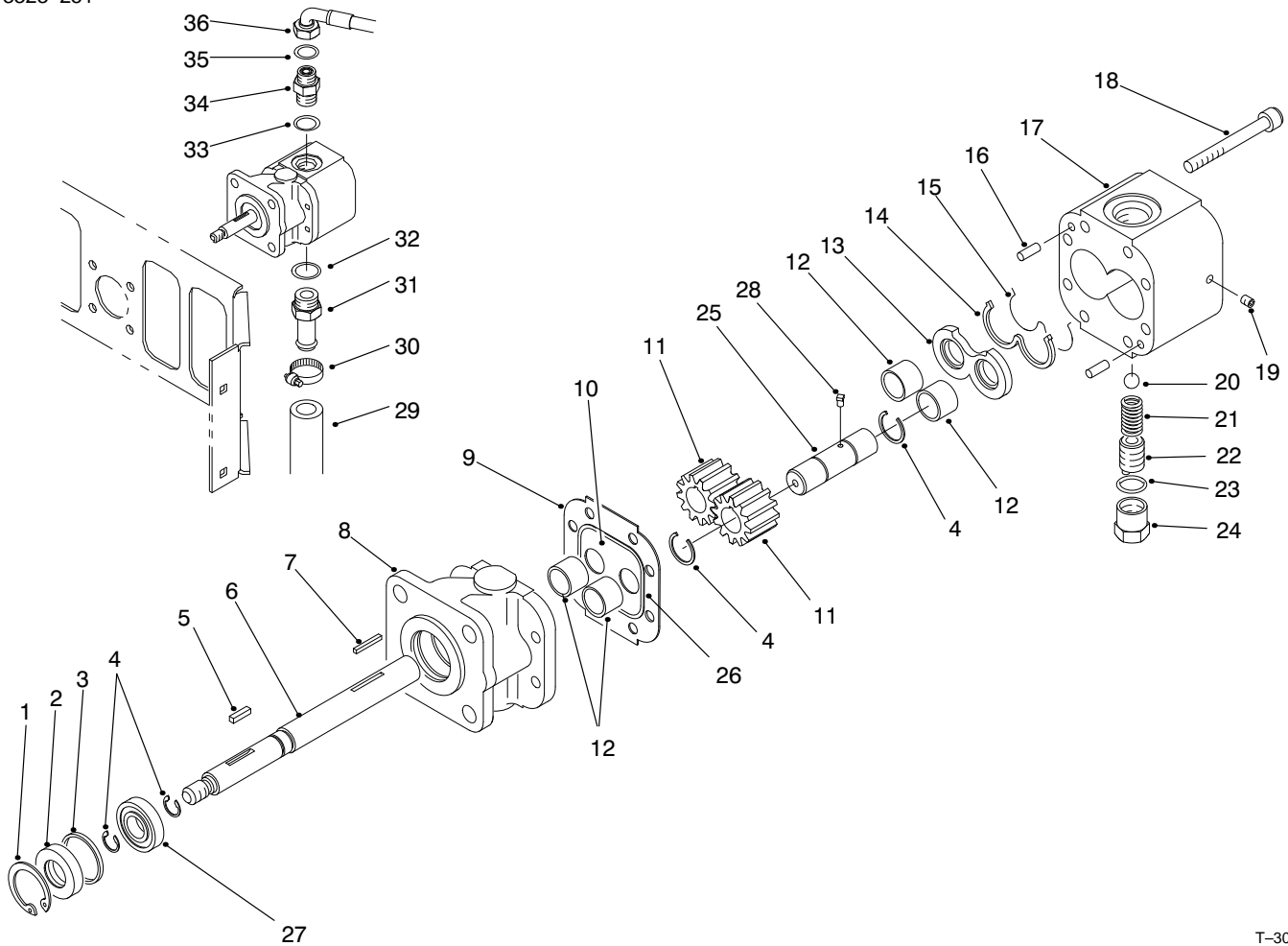


T-3165

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



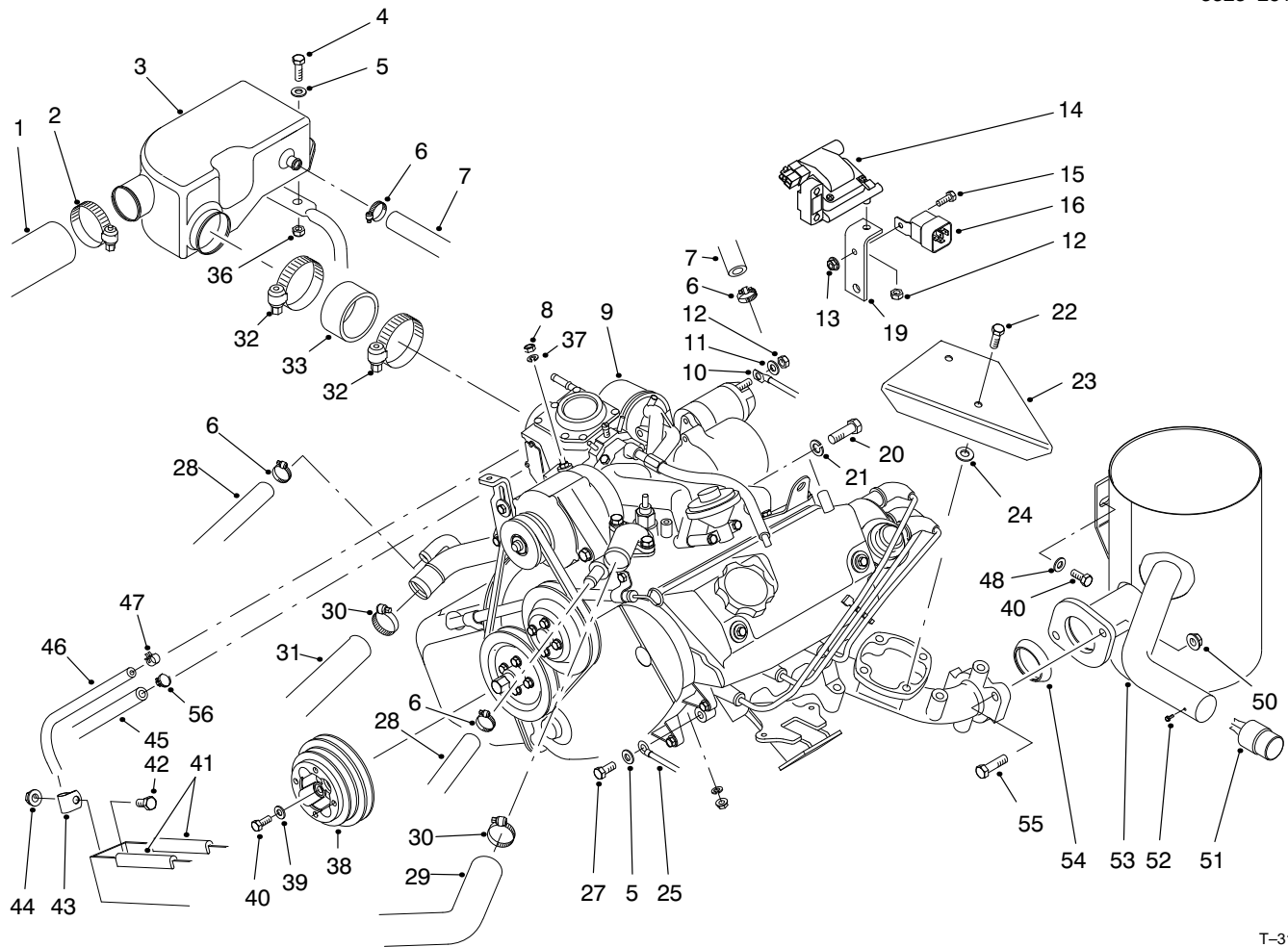
T-3005

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

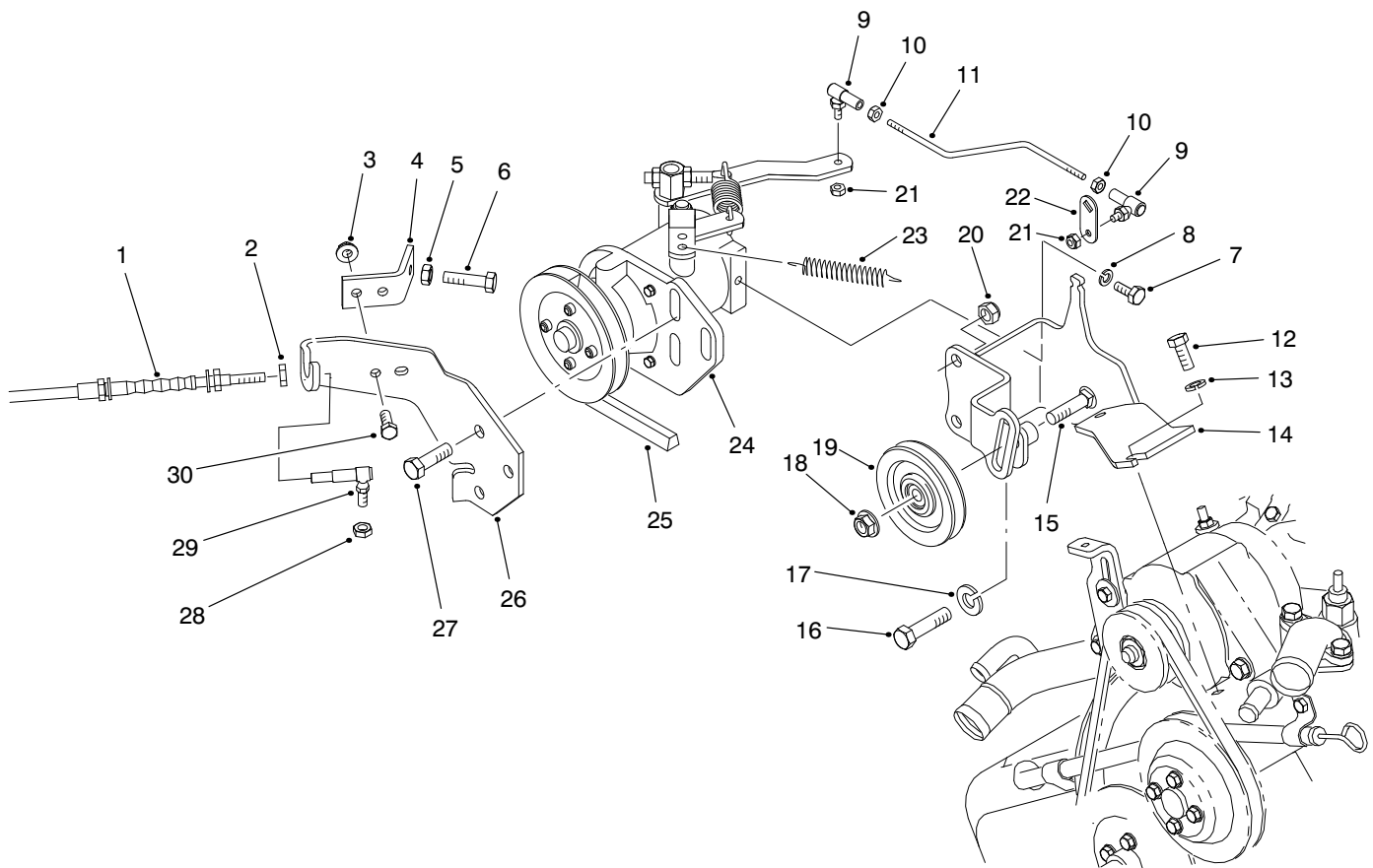
† Not Serviced Separately.



T-3166

Engine Installation Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	87-3420	1	Hose-Cleaner, Air	27	66-3160	1	Screw-HH
2	2412-92	1	Clamp-Hose	28	87-3730	2	Hose-Coolant
3	87-1680	1	Chamber-Air	29	87-3430	1	Hose-Radiator, Upper
4	322-6	2	Screw-HH	30	2412-34	2	Clamp-Hose
5	3256-23	2	Washer-Flat	31	87-5050	1	Hose-Radiator, Lower
6	2412-119	3	Clamp-Hose	32	2412-130	2	Clamp-Hose
7	87-3740	1	Hose-Breather	33	87-3500	1	Hose-Cleaner, Air
8	48-7890	1	Nut-Hex	36	3296-29	2	Nut-Lock
9	94-5249	1	Engine ASM (Incl. Ref.#11, 12 & 14)	37	3253-3	1	Washer-Lock
10	87-3070	1	Cable-Positive	38	87-5070	1	Pulley-Crankshaft
11	3254-2	1	Washer-Lock	39	65-5390	4	Washer-Flat
12	33014-00	2	Nut-Hex	40	33114-020	6	Screw-HH
13	32128-33	1	Nut-HFH	41	43-4300	2	Trim
14	92-2027	1	Coil-Ignition	42	322-2	1	Screw-HH
15	321-4	1	Screw-HH	43	2412-10	1	Clamp-R
16	70-1480	1	Relay	44	32128-20	1	Nut-HFH
19	87-2760	1	Bracket-Coil, Ignition	45	94-9502	1	Hose-Fuel
20	33115-035	2	Screw-HH	46	93-2298	1	Hose-Fuel
21	3253-6	2	Washer-Lock	47	2412-108	2	Clamp-Hose
22	33114-025	2	Screw-HH	48	87-8640	1	Washer-Flat
23	87-3620	1	Shield-Heat	50	3290-357	2	Nut-HFH
24	52-2480	2	Spacer	51	75-6880	1	Arrestor-Spark (Optional) (Incl. Ref. #52)
25	87-3080	1	Wire-Ground				

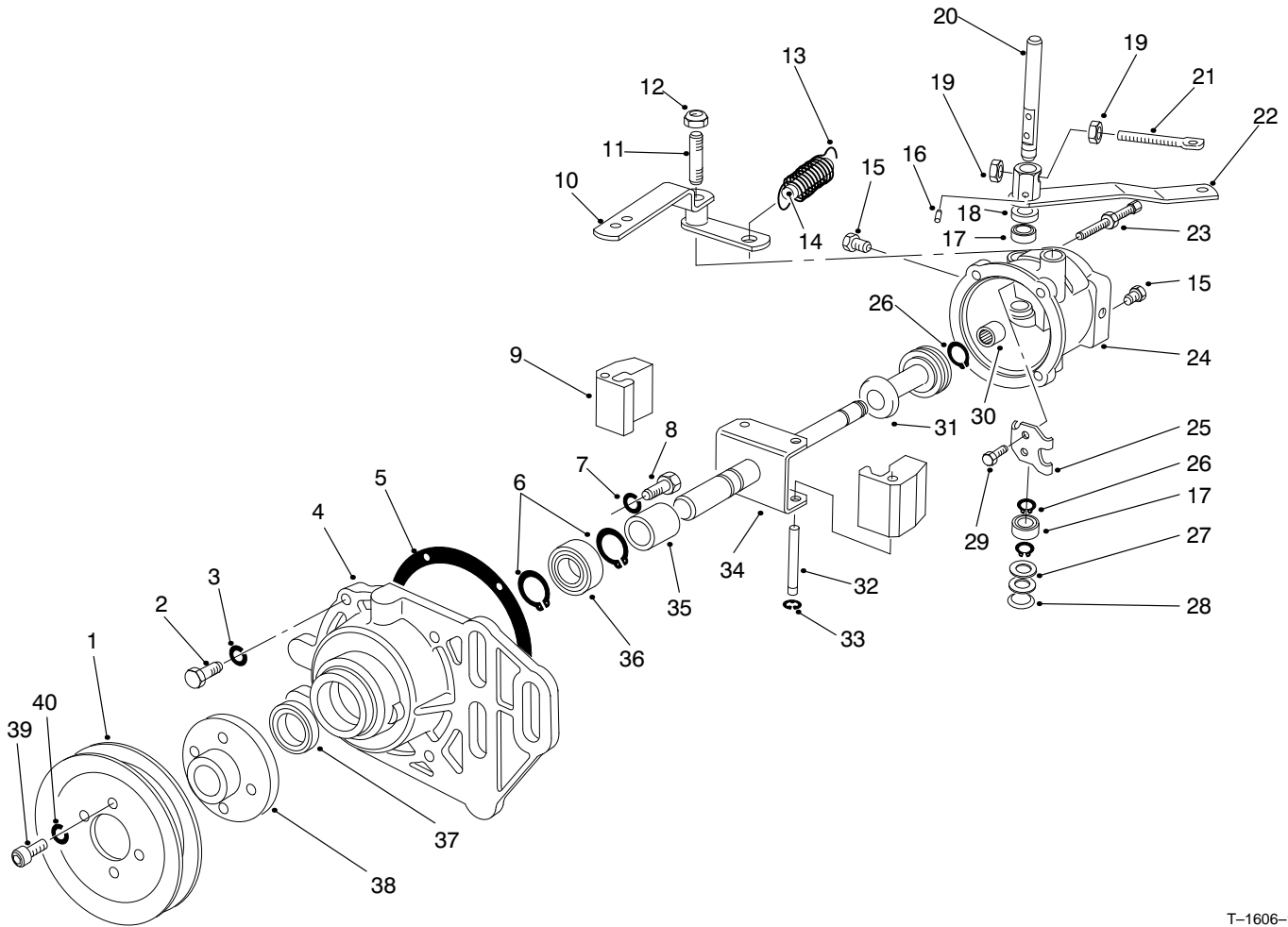


T-1605-1

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

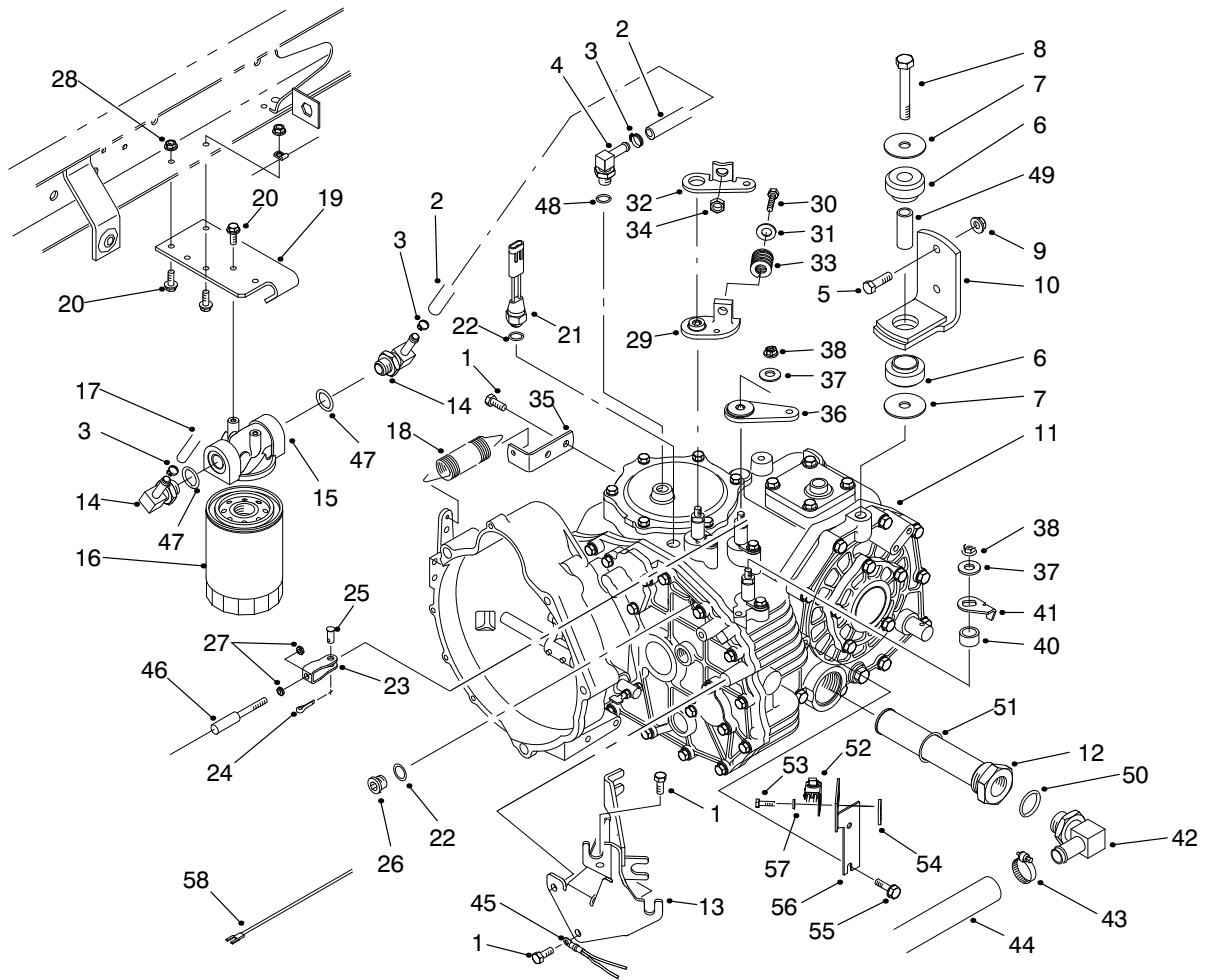


T-1606-1

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

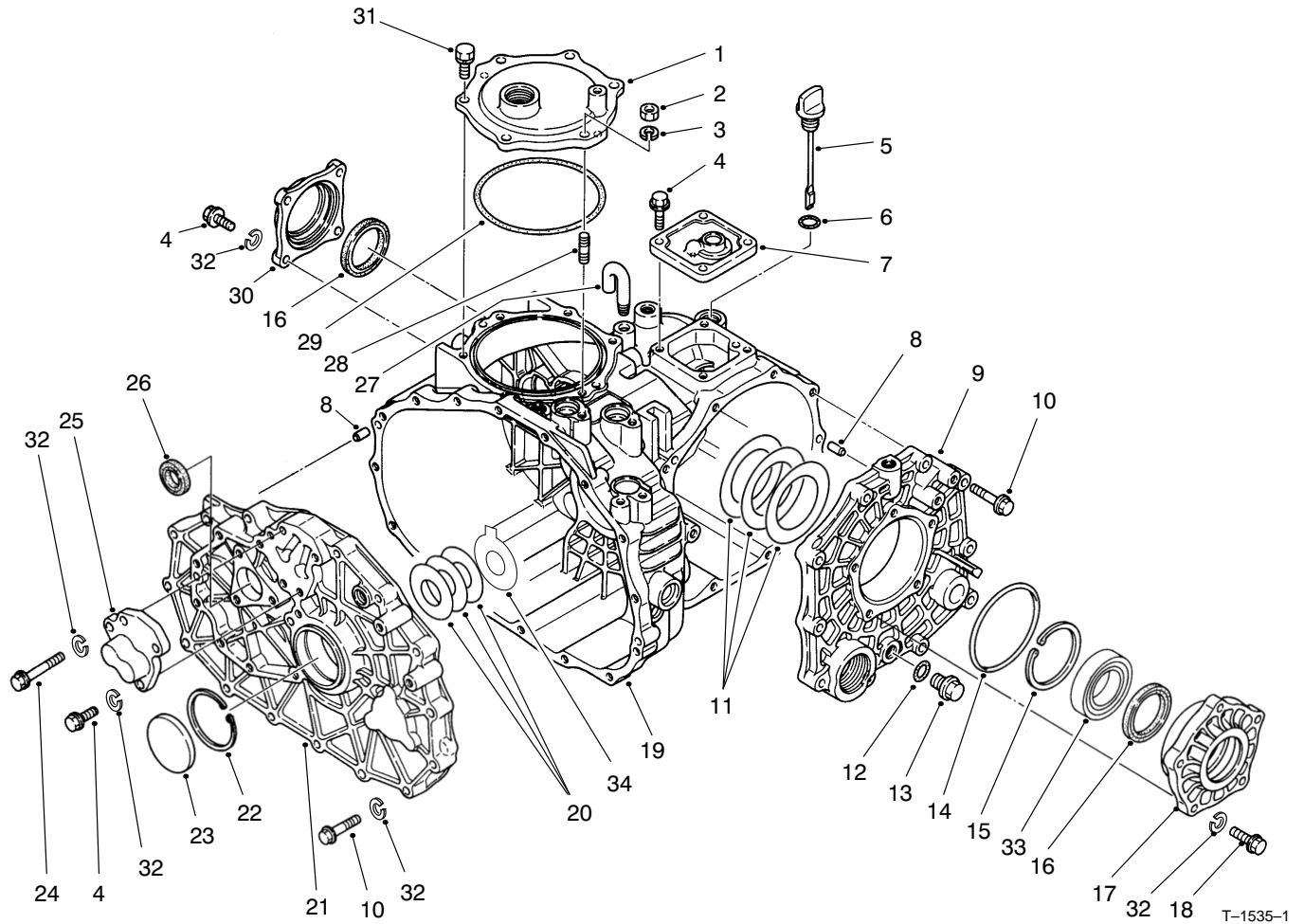


T-3167

Transaxle Installation Assembly

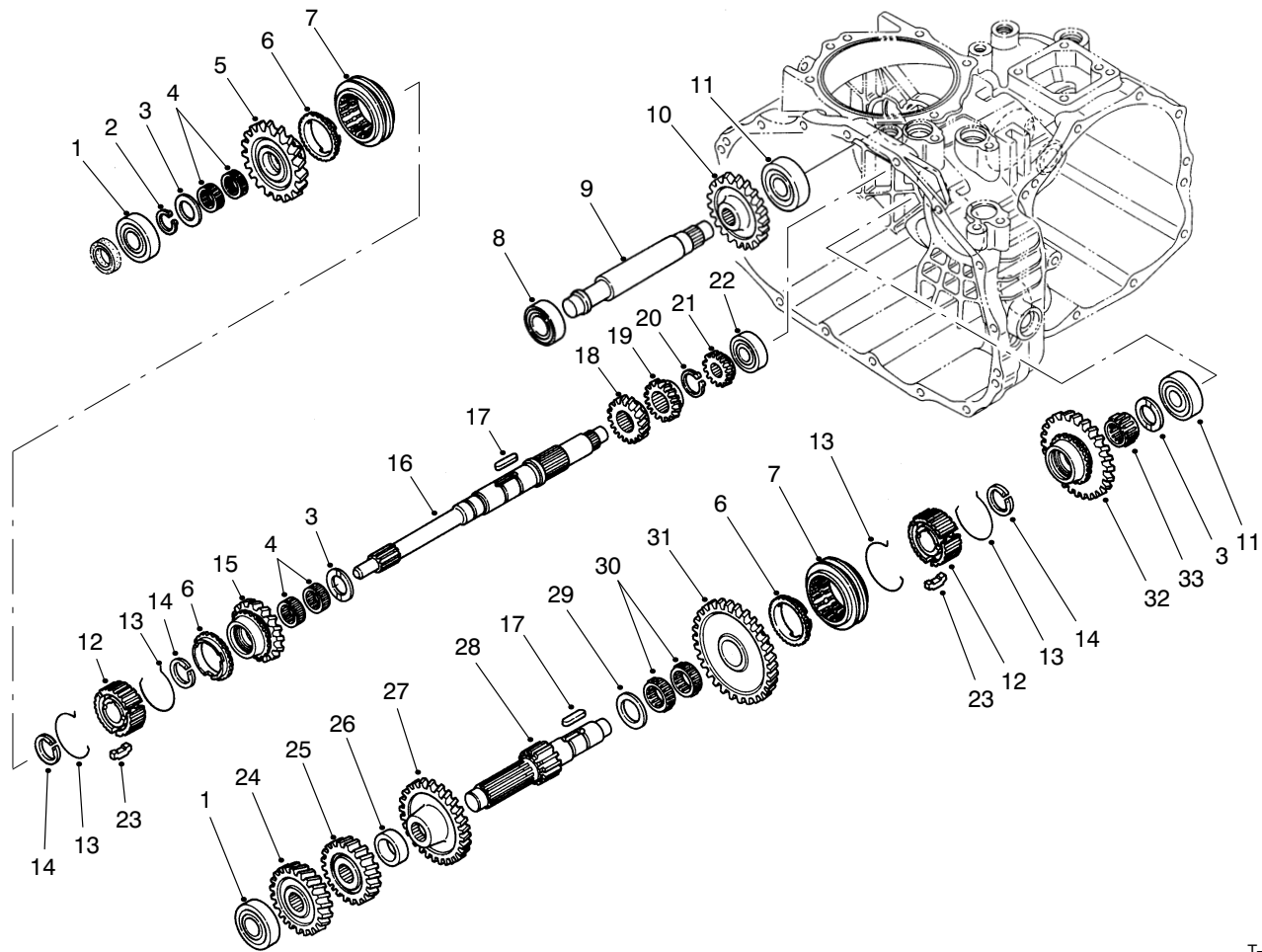
Ref. No.	Part No.	Qty.	Description
1	33114-020	5	Screw-HH
2	87-5730	1	Hose-Hydraulic
3	2412-36	3	Clamp-Hose
4	354-135	1	Fitting-Hydraulic 90° (Incl. Ref. #48)
5	323-7	4	Screw-HH
6	87-4970	2	Transaxle Mount ASM (Incl. Ref. #49)
7	87-5100	4	Washer-Snubbing
8	3215-1	2	Screw-HH
9	3296-39	4	Nut-HH
10	87-5800	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 Case Assembly

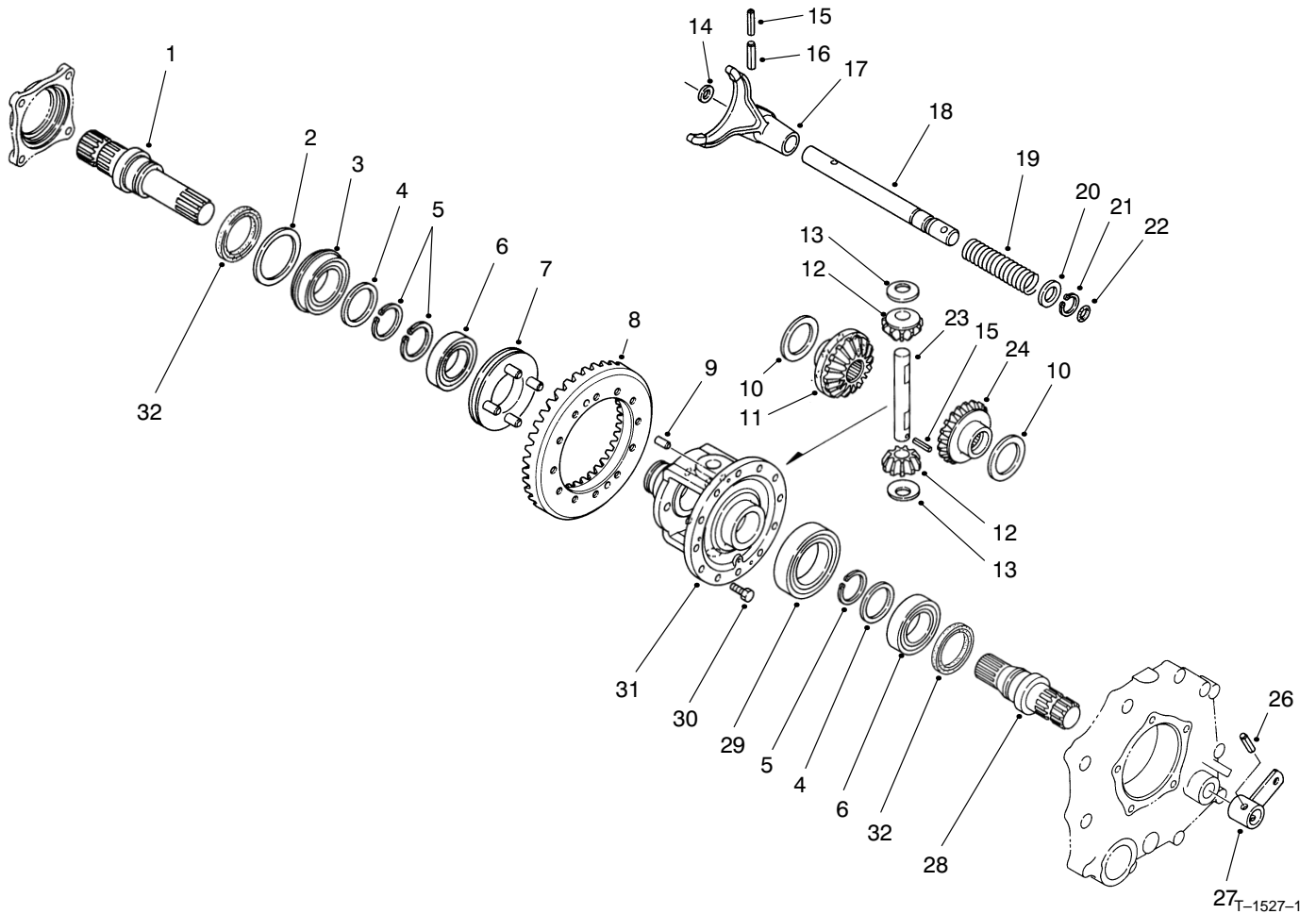
Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	92-0656	1	Cover-Take Off, Power	26	92-0791	1	Seal-Oil
2	48-7930	1	Nut-Hex	27	92-0743	1	Breather-Air
3	92-0762	1	Washer-Lock	28	92-0804	1	Stud
4	60-6750	11	Screw-HH	29	92-0790	1	O-Ring
5	92-0662	1	Cap-Oil	30	92-0655	1	Cover-Seal
6	92-0788	1	O-Ring	31	92-0796	5	Screw-HH
7	92-0652	1	Cover-Upper	32	42-9850	42	Washer-Lock
8	92-0765	4	Pin-Alignment	33	92-0775	2	Bearing-Ball
9	92-0653	1	Cover-Side	34	100-4465	1	Shim w/ Tab
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				



T-1533-1

Transaxle Gear Shafts Assembly

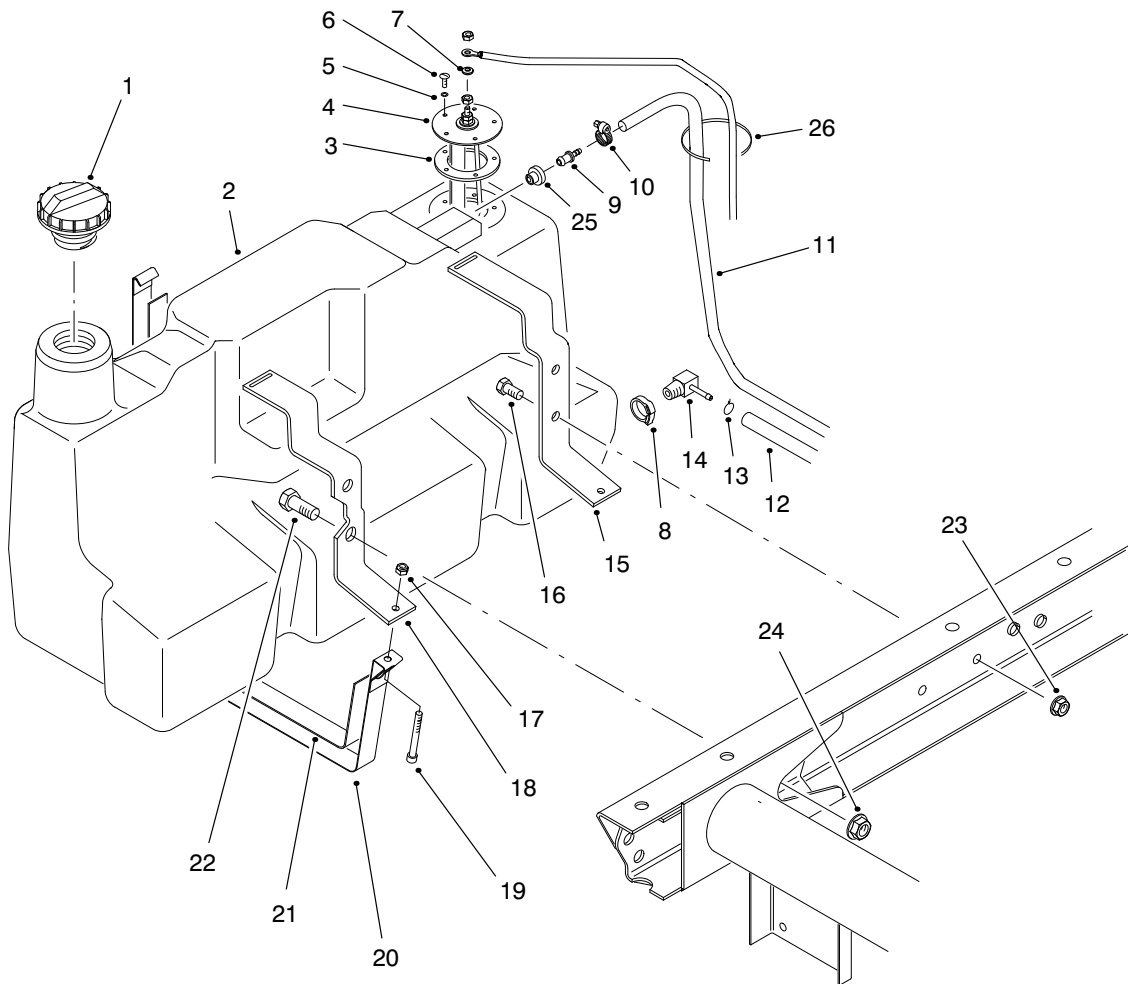
Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	251-8	2	Bearing-Ball	27	92-0823	1	Gear-43T
2	92-0753	1	Ring-Retaining	28	92-0674	1	Shaft-Reduction
3	92-0740	3	Washer-Thrust	29	92-0682	1	Washer-Thrust
4	92-0781	4	Bearing-Needle	30	92-0681	2	Bearing-Needle
5	92-0820	1	Gear-27T	31	92-0677	1	Gear-49T
6	92-0667	3	Ring-Synchro	32	92-0819	1	Gear-40T
7	92-0668	2	Shifter-Synchro	33	92-0782	1	Bearing-Needle
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				



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



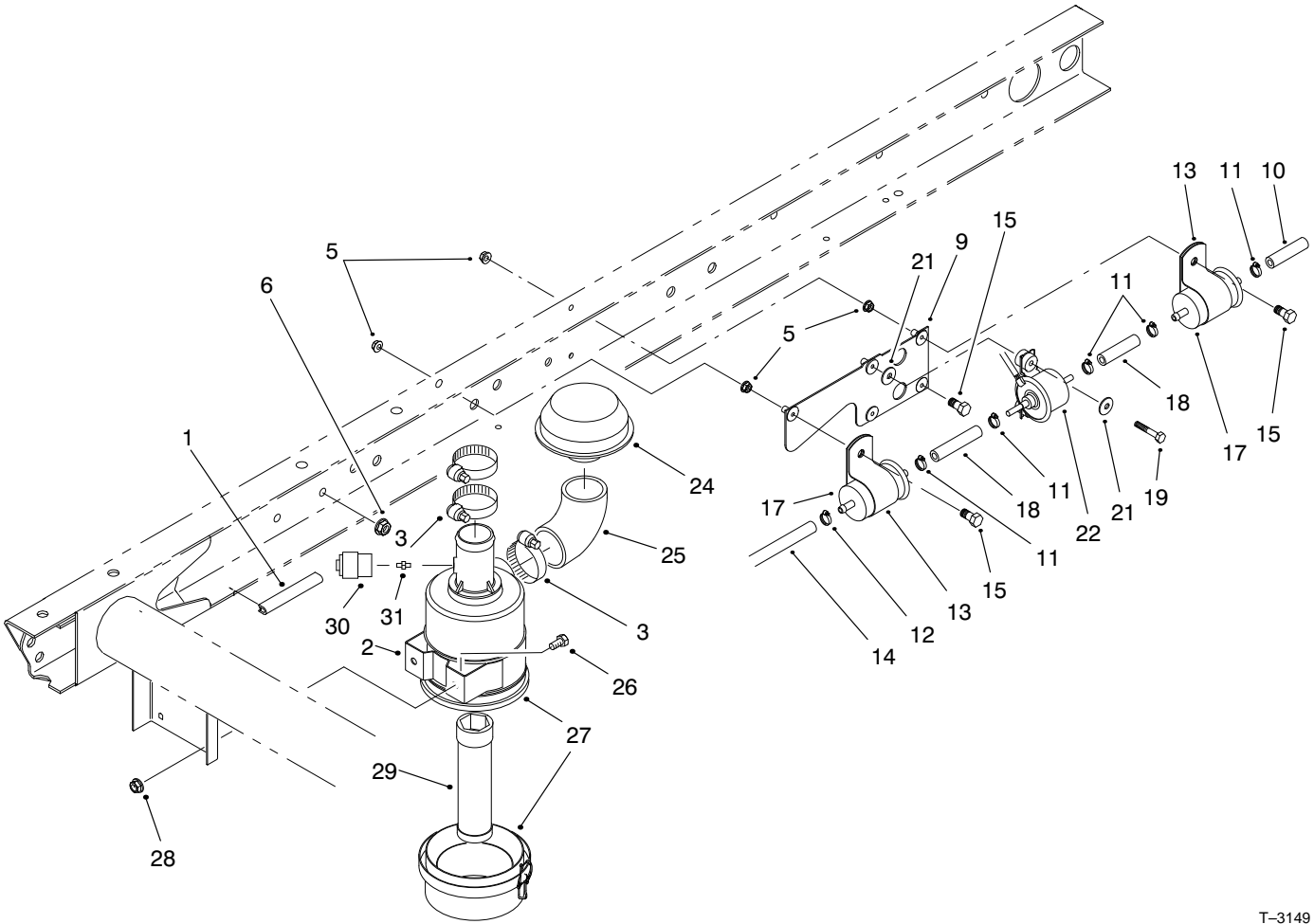
T-1609-1

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

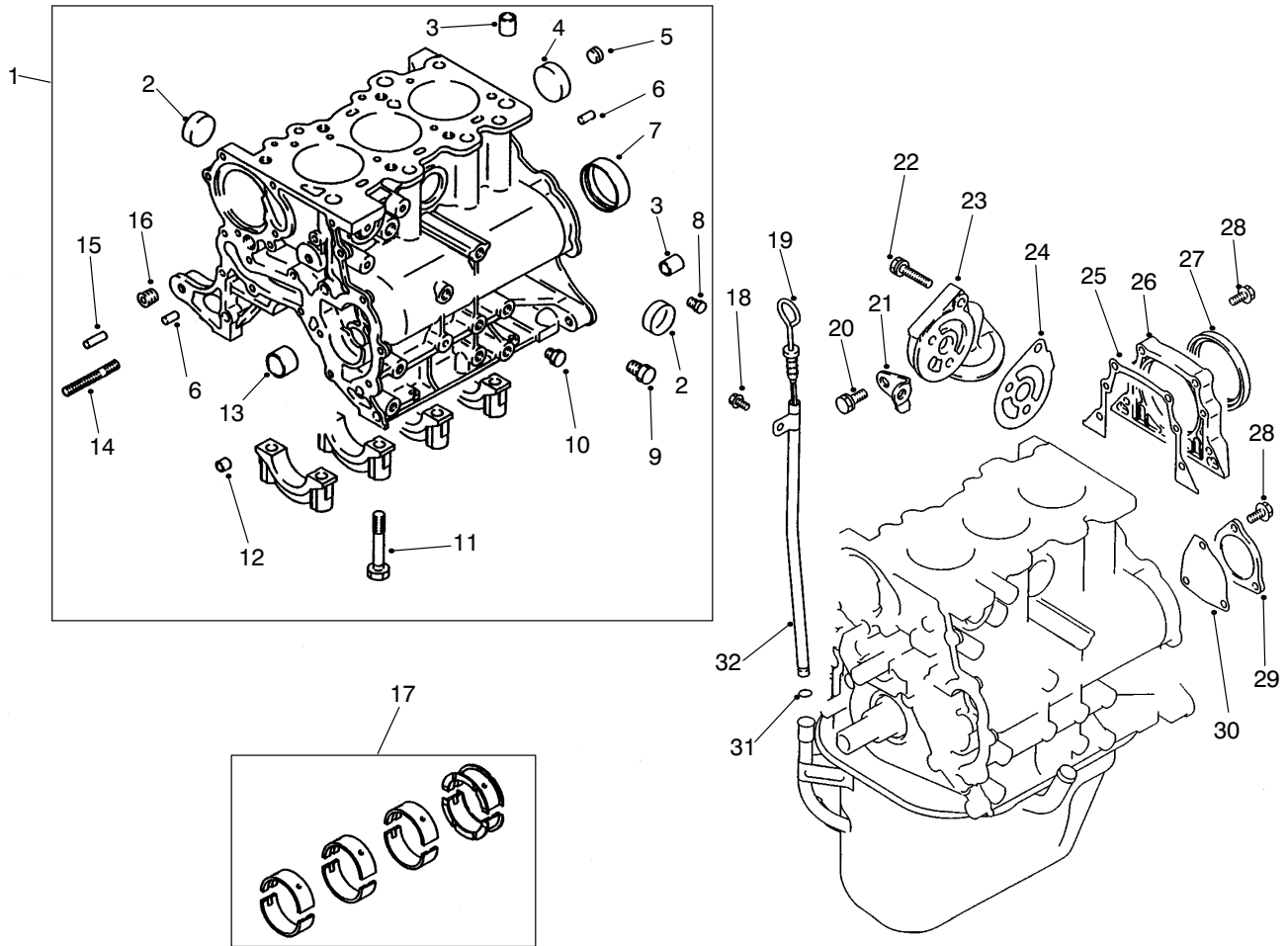


T-3149

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)

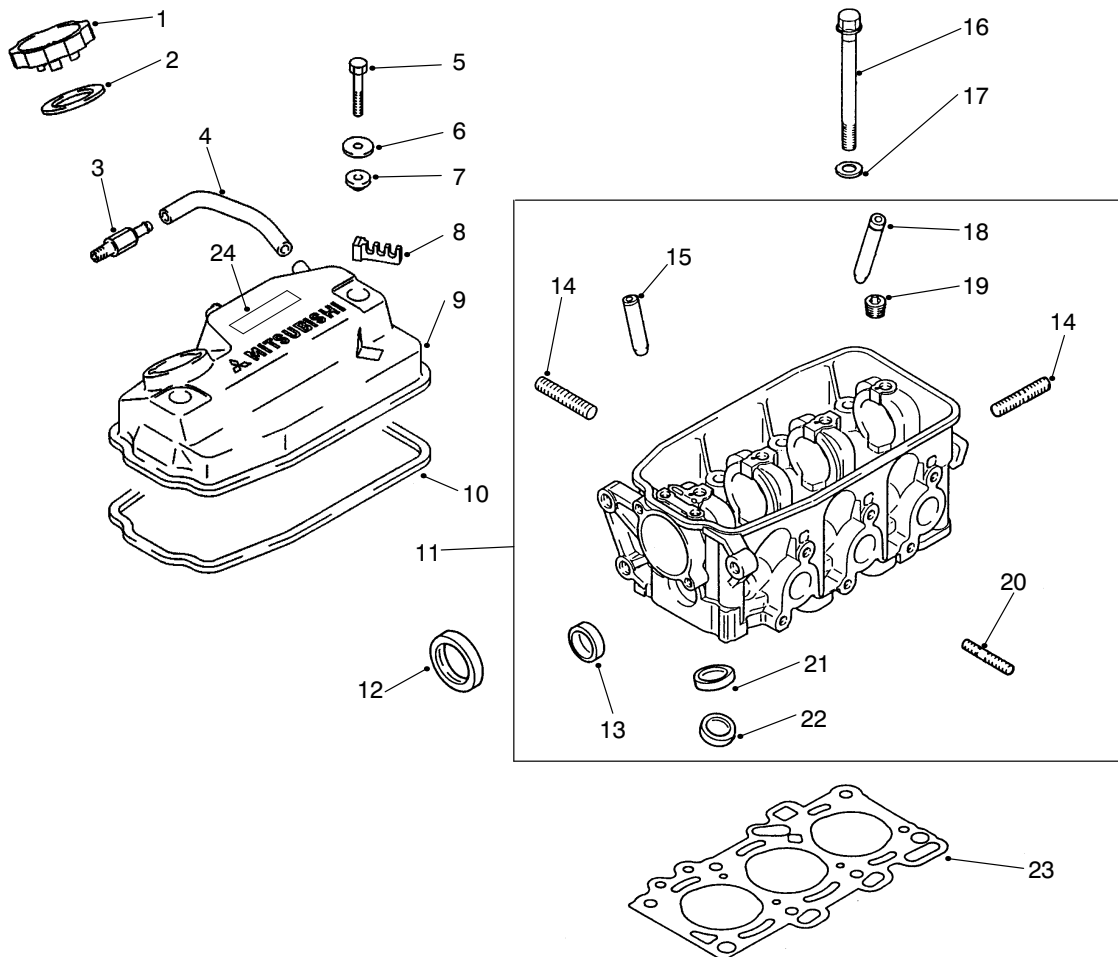


T-1631-1

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

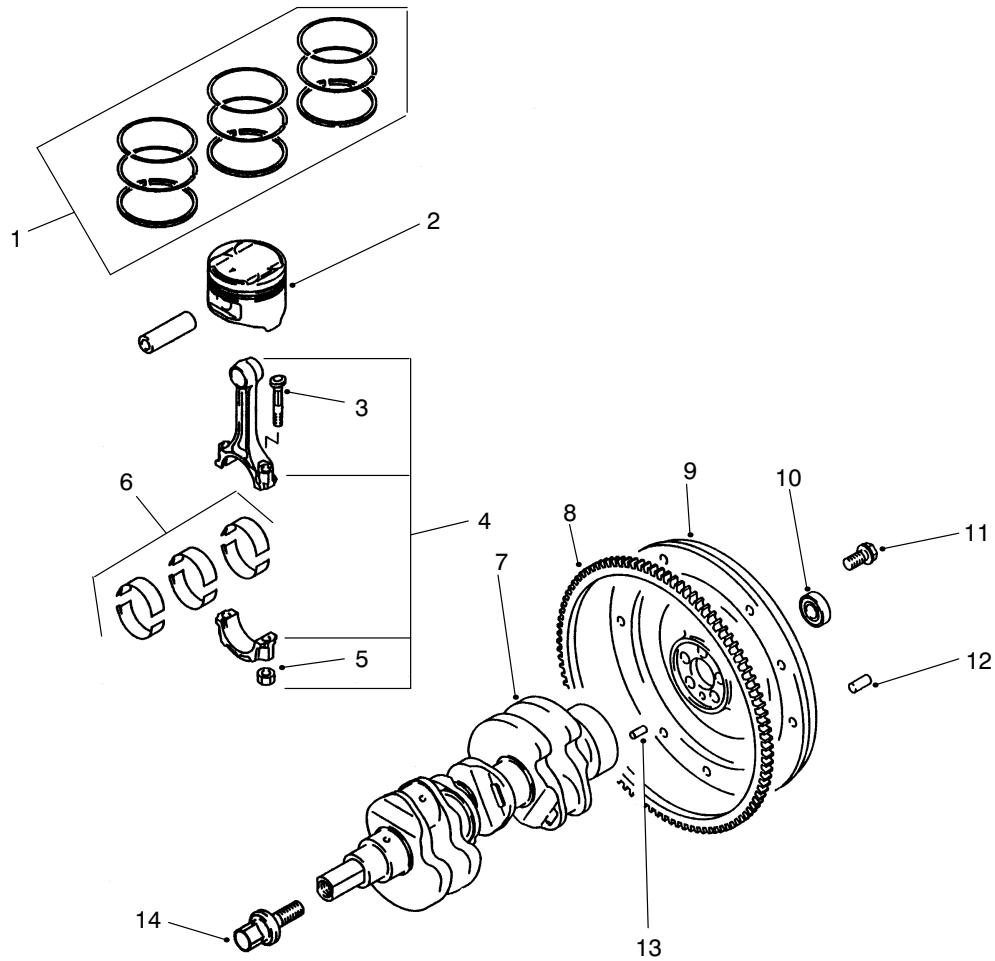


T-1630-2

Rocker Cover and Cylinder Head Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	92-1975	1	Cap-Oil (Incl. Ref. #2)	18	92-1911	1	Guide-Valve, Exhaust (.05 mm OS)
2	92-1943	1	Packing	*	92-5105	1	Guide-Valve, Exhaust (.25 mm OS)
3	92-2050	1	Valve-PCV	*	92-5106	1	Guide-Valve, Exhaust (.50 mm OS)
4	92-2026	1	Hose-Valve, PCV	19	92-1916	1	Plug-Taper
5	92-2128	2	Bolt-Cover	20	92-1905	6	Stud
6	92-2063	2	Washer	21	92-1959	3	Seat-Valve, Intake (.30 mm OS)
7	92-1929	2	Seal-Oil	*	92-5102	3	Seat-Valve, Intake (.60 mm OS)
8	92-1915	1	Clamp-Cable	22	92-1976	3	Seat-Valve, Exhaust (.30 mm OS)
9	94-5295	1	Cover ASM (Incl. Ref. #8,10 & 24)	*	92-5101	3	Seat-Valve, Exhaust (.60 mm OS)
10	92-1944	1	Gasket-Cover, Rocker	23	92-1997	1	Gasket-Cylinder
11	92-2034	1	Head-Cylinder (Incl. Ref. #13-15 & 18-22)	24		1	Label-Emission
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				

* Not Illustrated



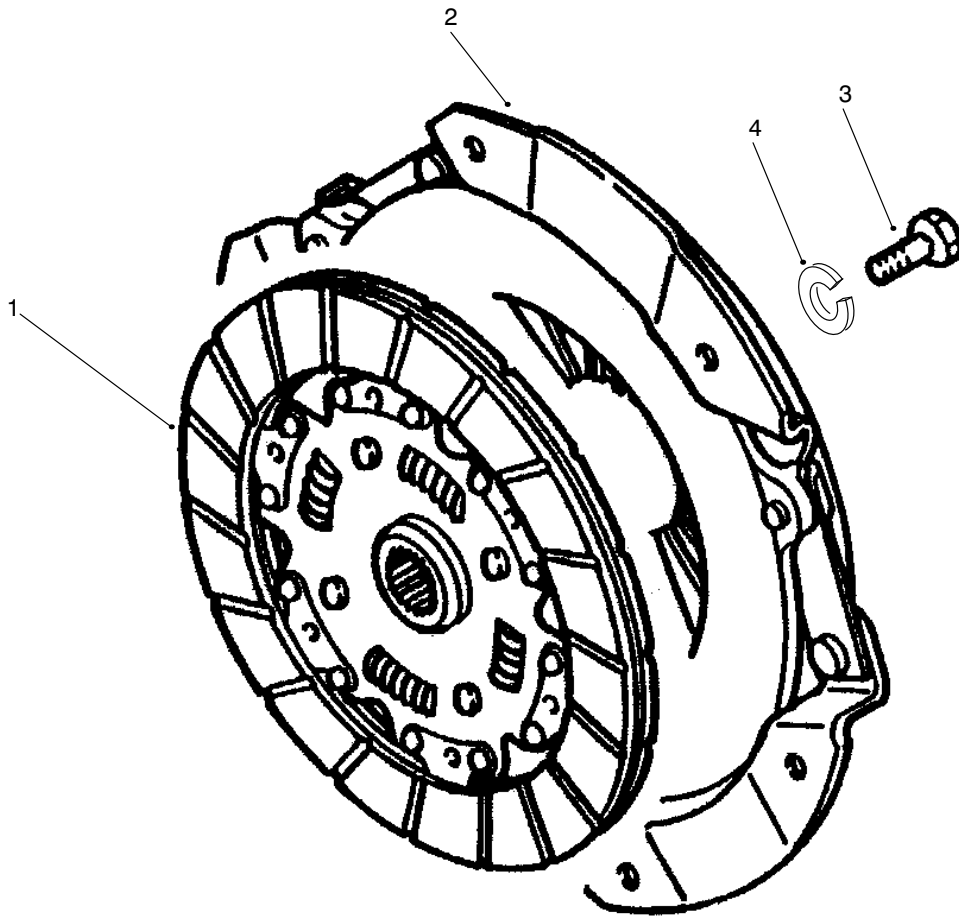
T-1633-1

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

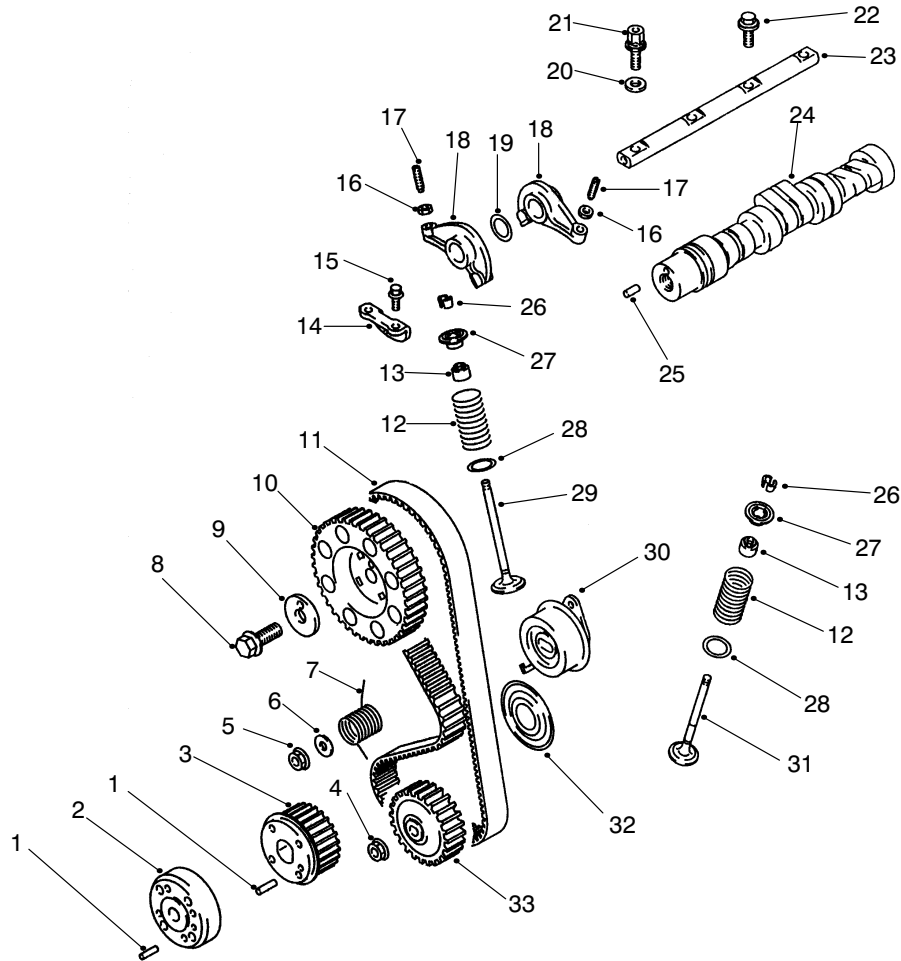


T-1644-1

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
----------	----------	------	-------------

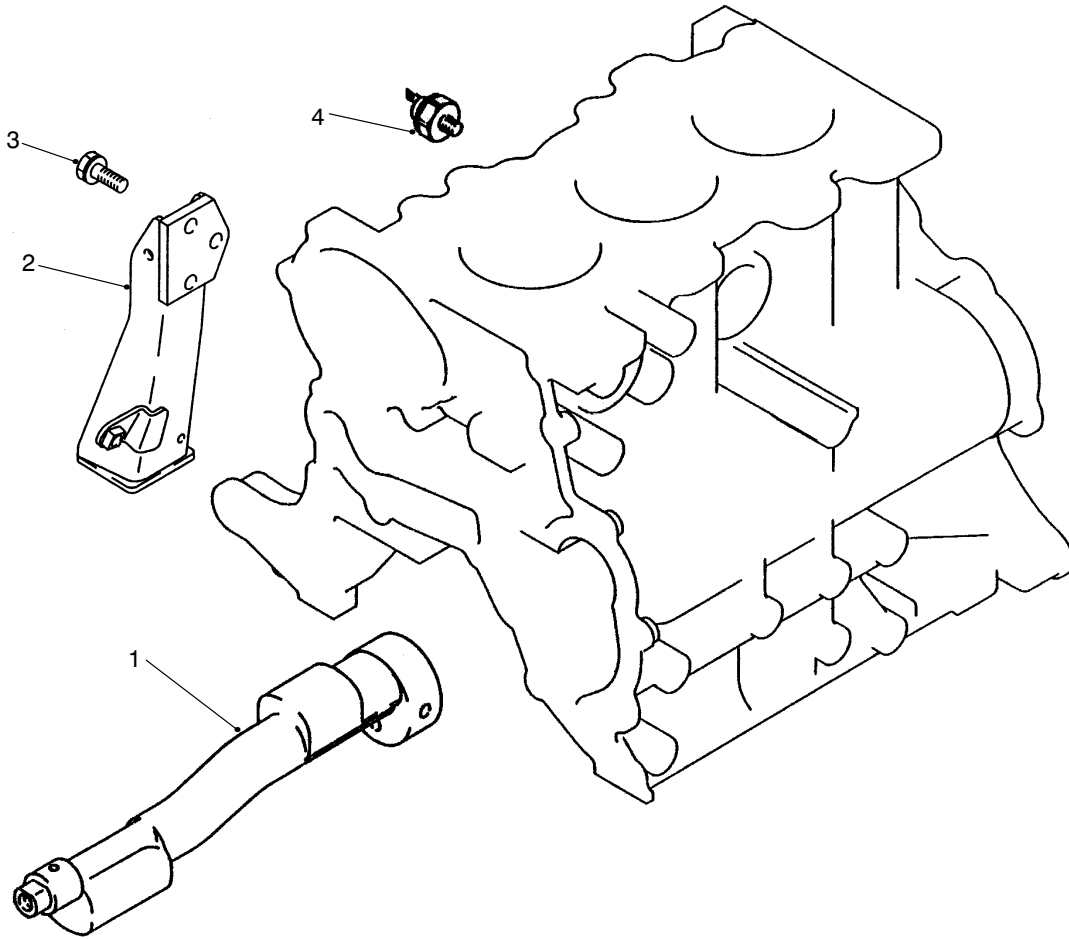


T-1634-1

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

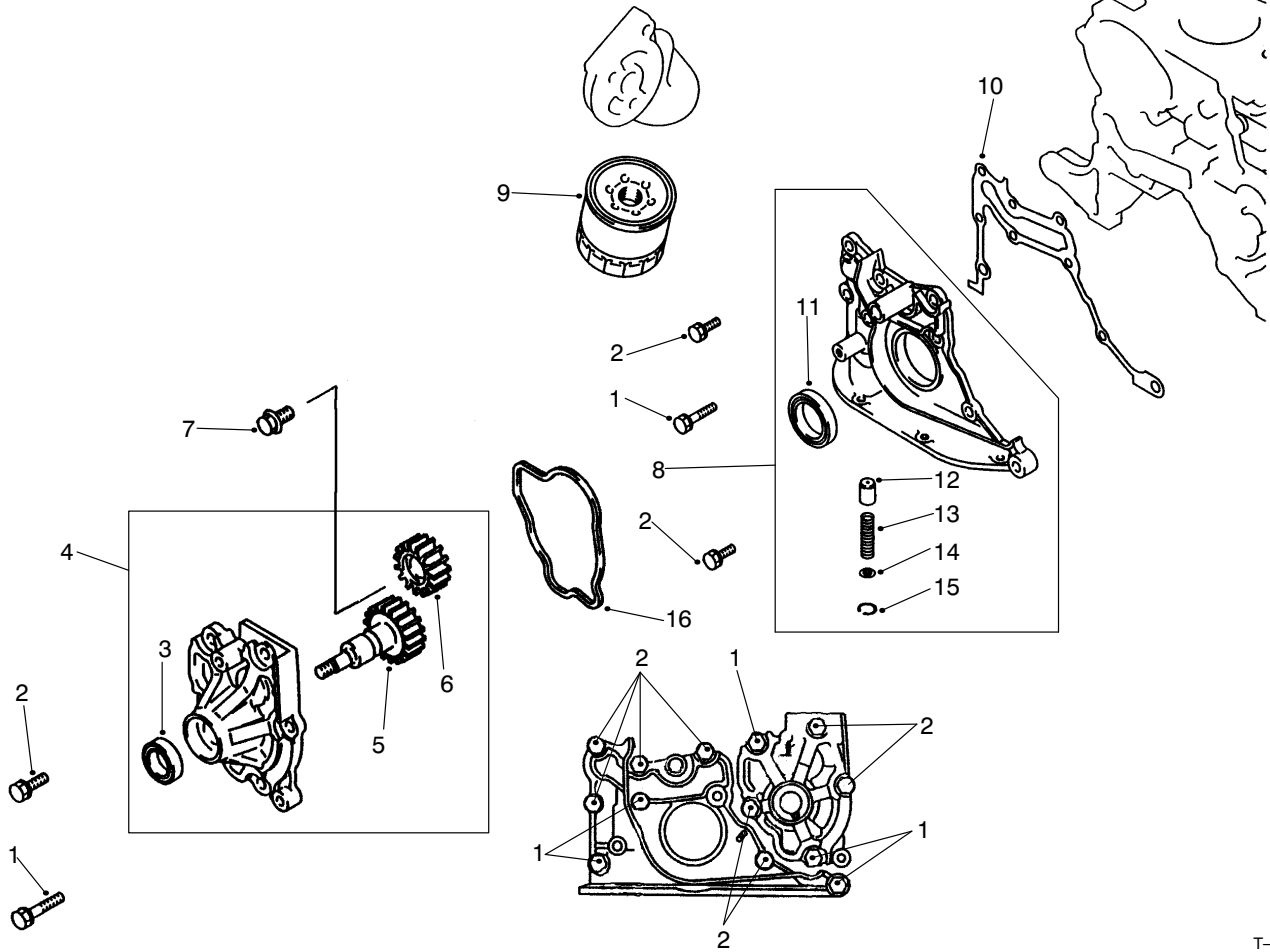


T-1635-1

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

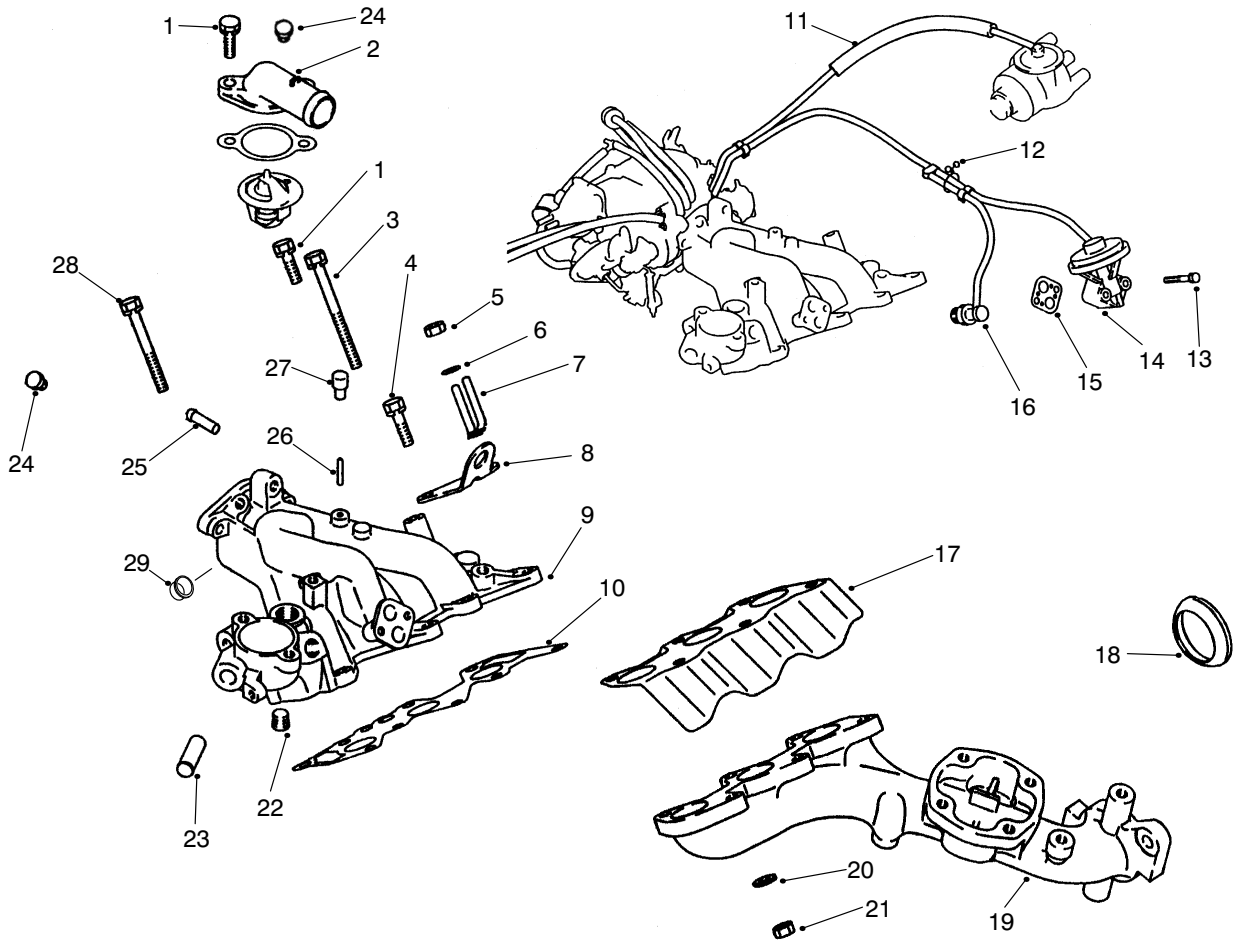
Ref. No.	Part No.	Qty.	Description



T-1636-1

Oil Pump and Filter Assembly

Ref. No.	Part No.	Qty.	Description	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				

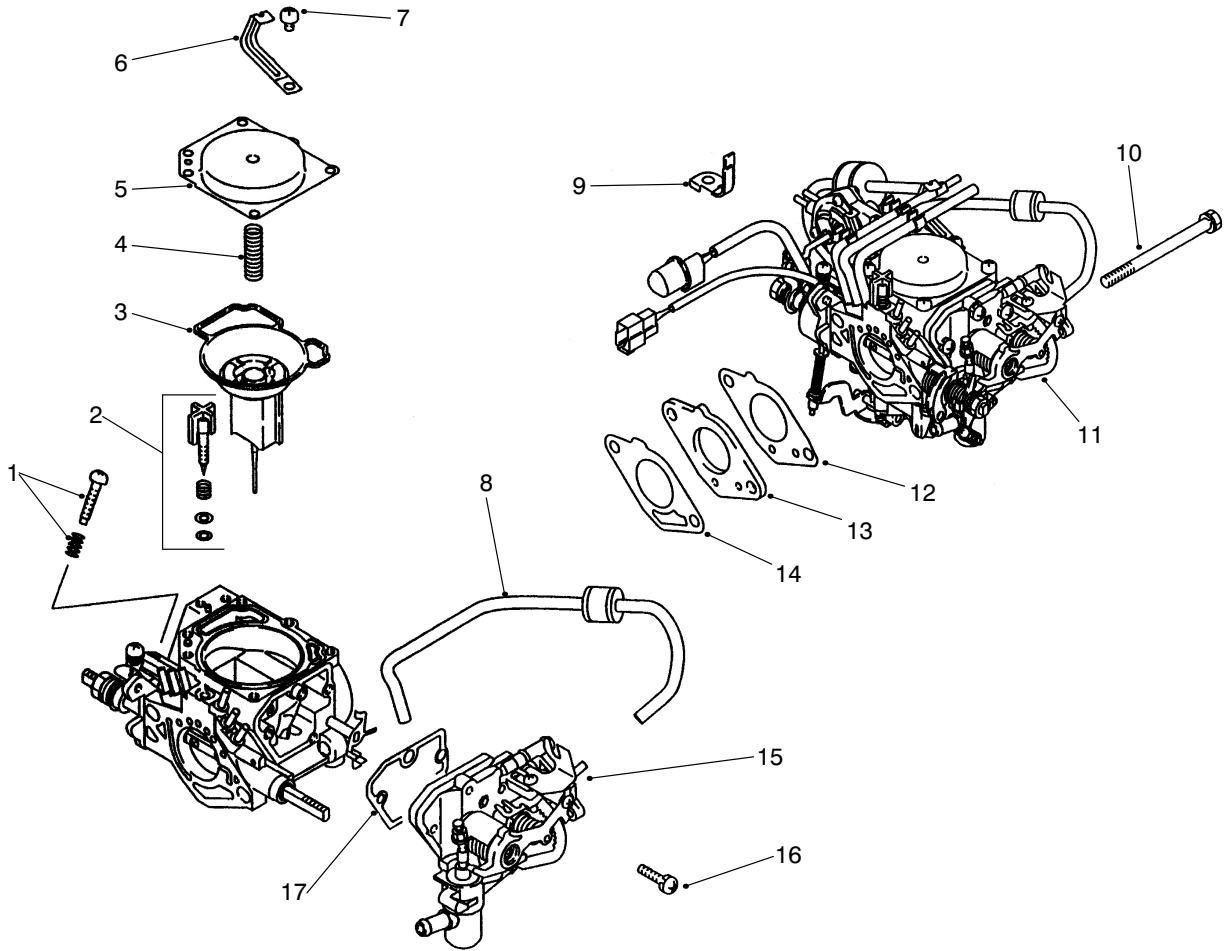


T-1640-1

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

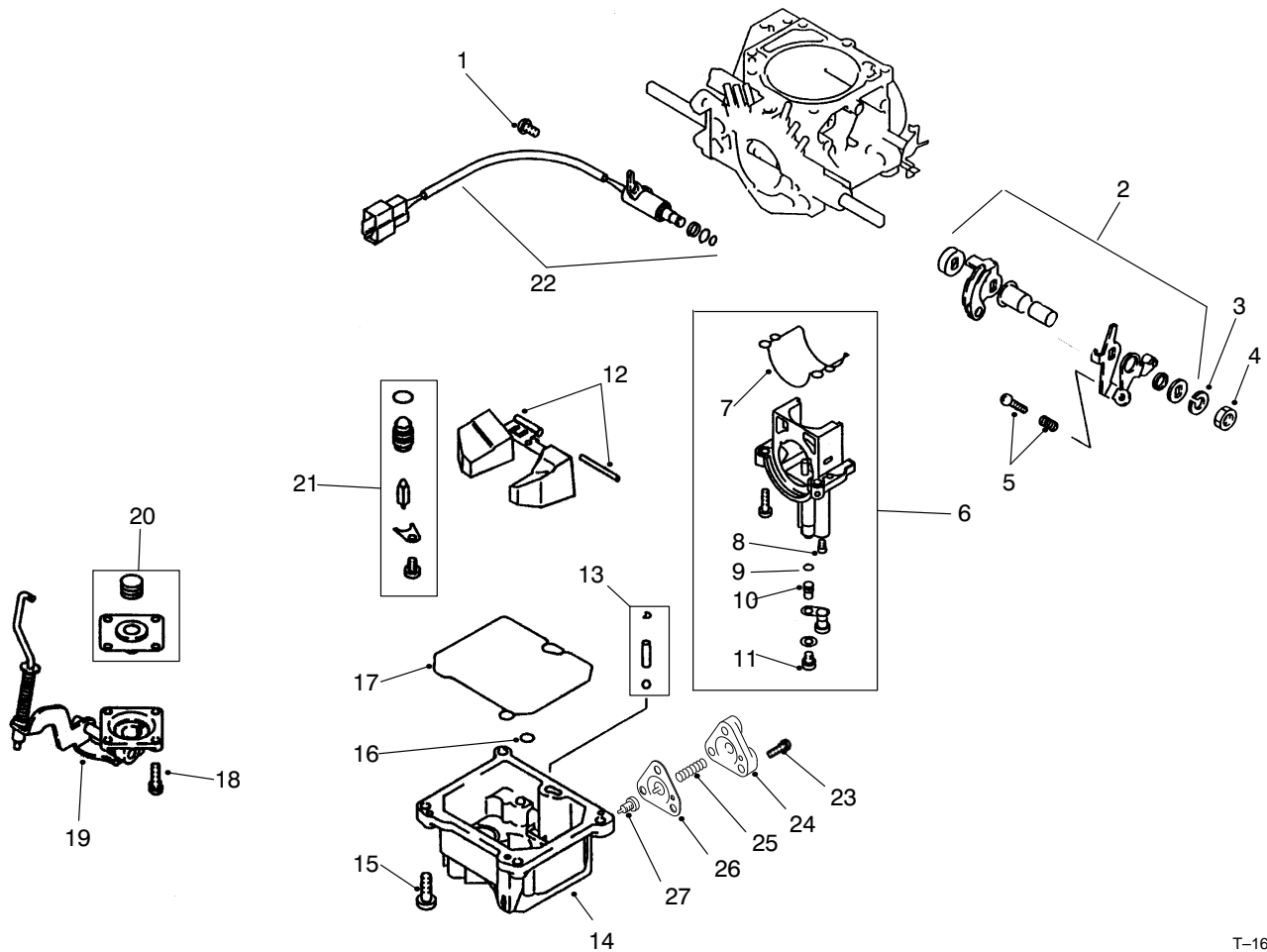


T-1637-1

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

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

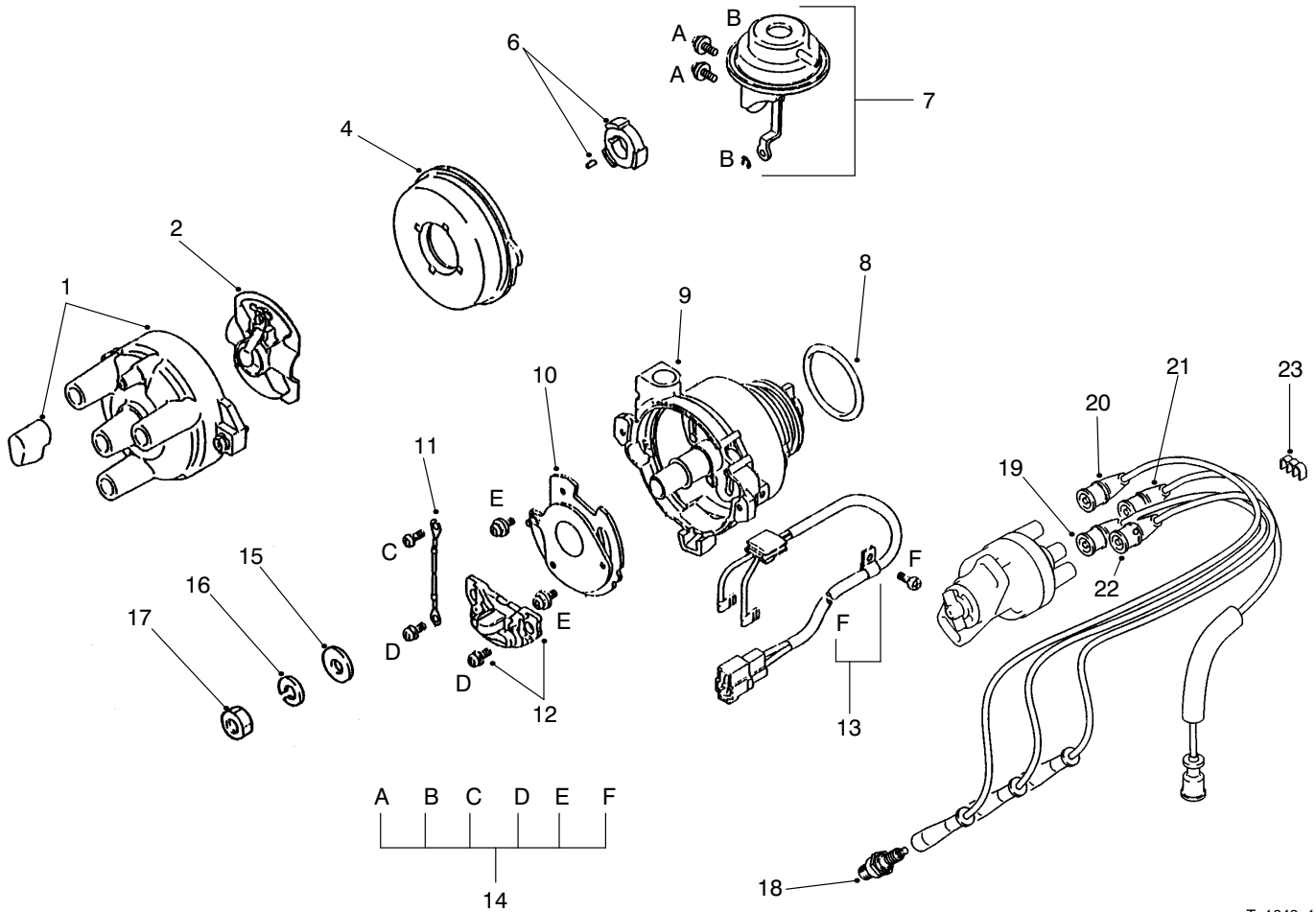


T-1638-1

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



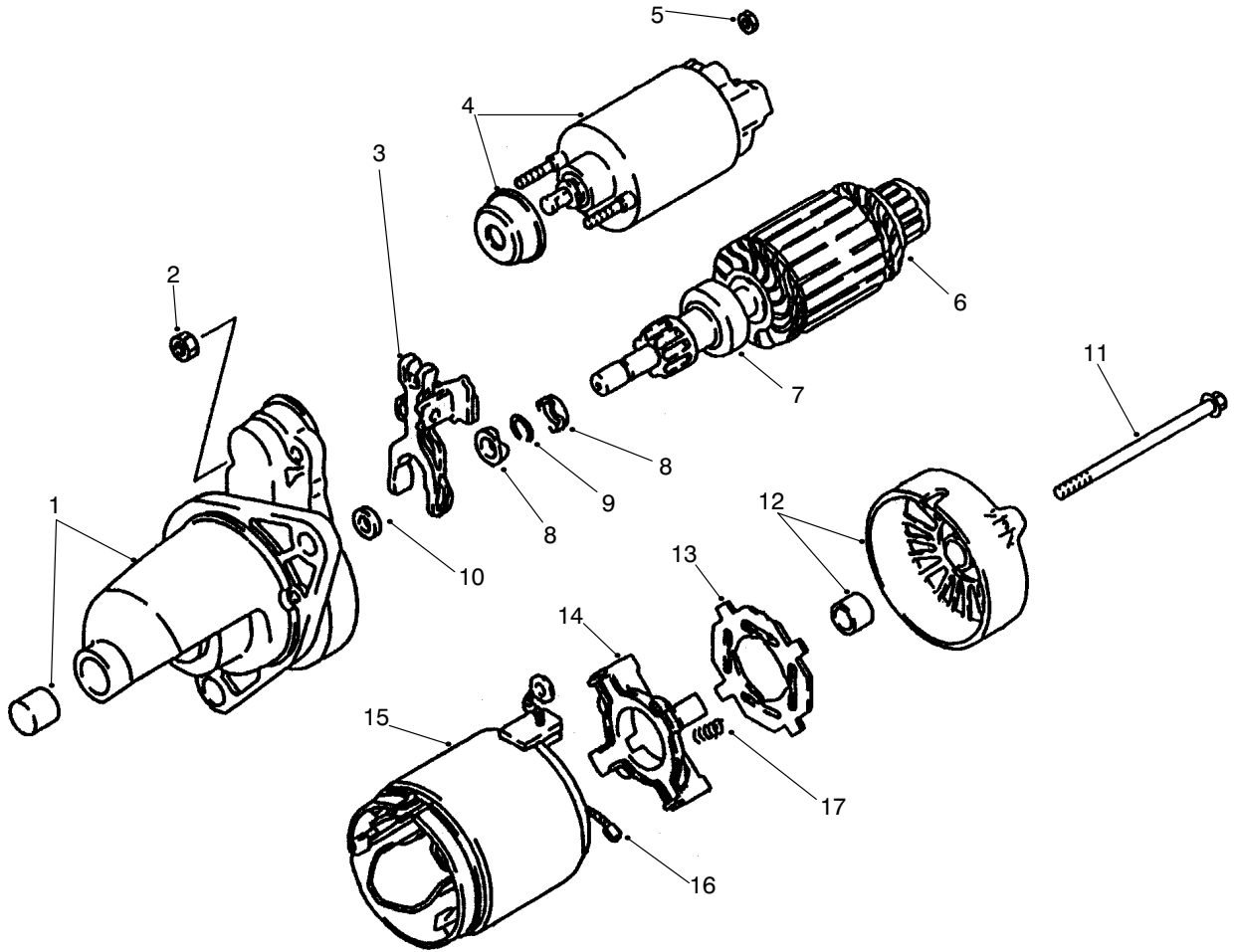
T-1643-1

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

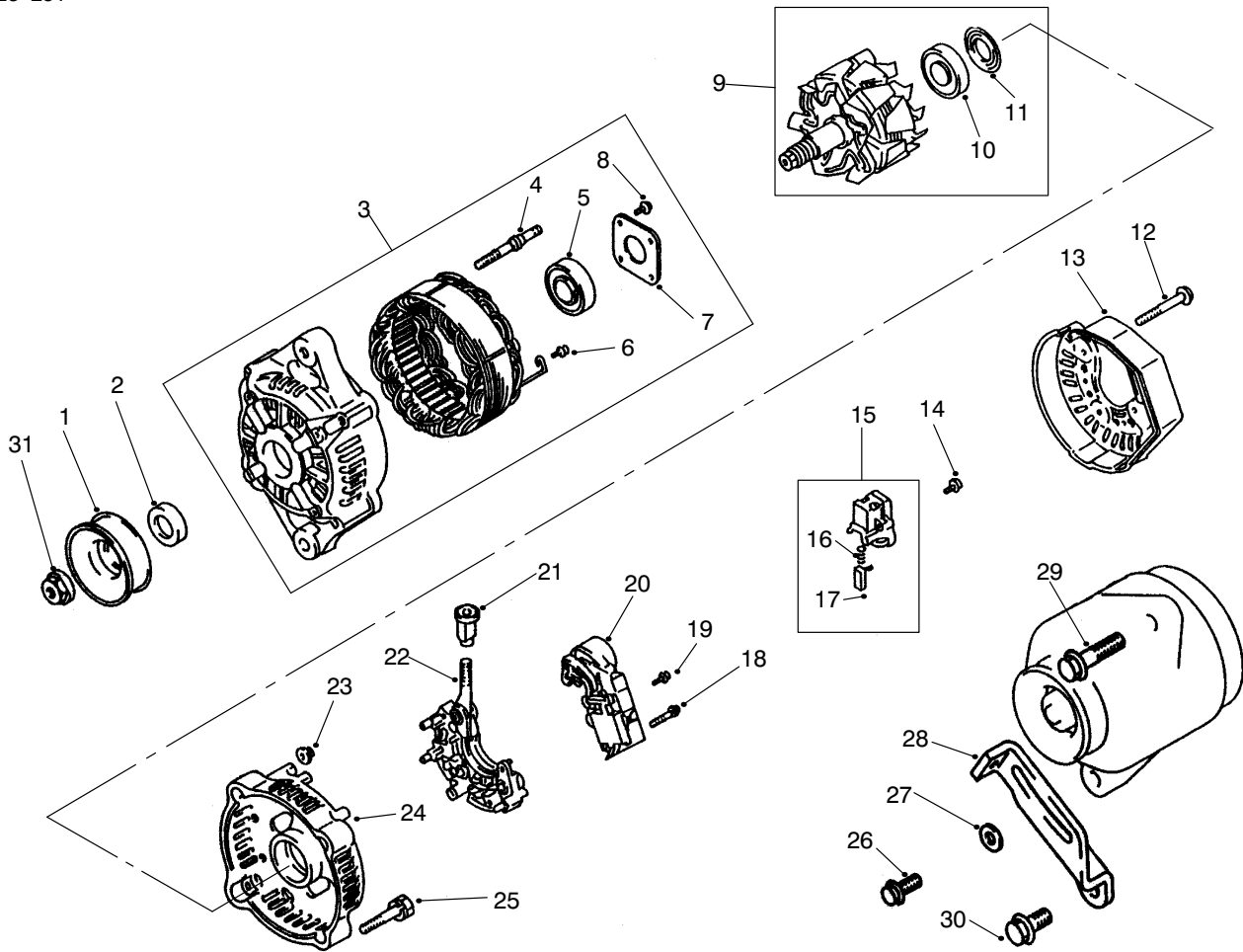


T-1641-1

Starter Assembly

Ref. No.	Part No.	Qty.	Description	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				
16	92-2089	4	Brush				
17	92-2090	4	Spring				
*	92-2055	1	Starter ASM (Incl. Ref.#1-17)				

* Not Illustrated



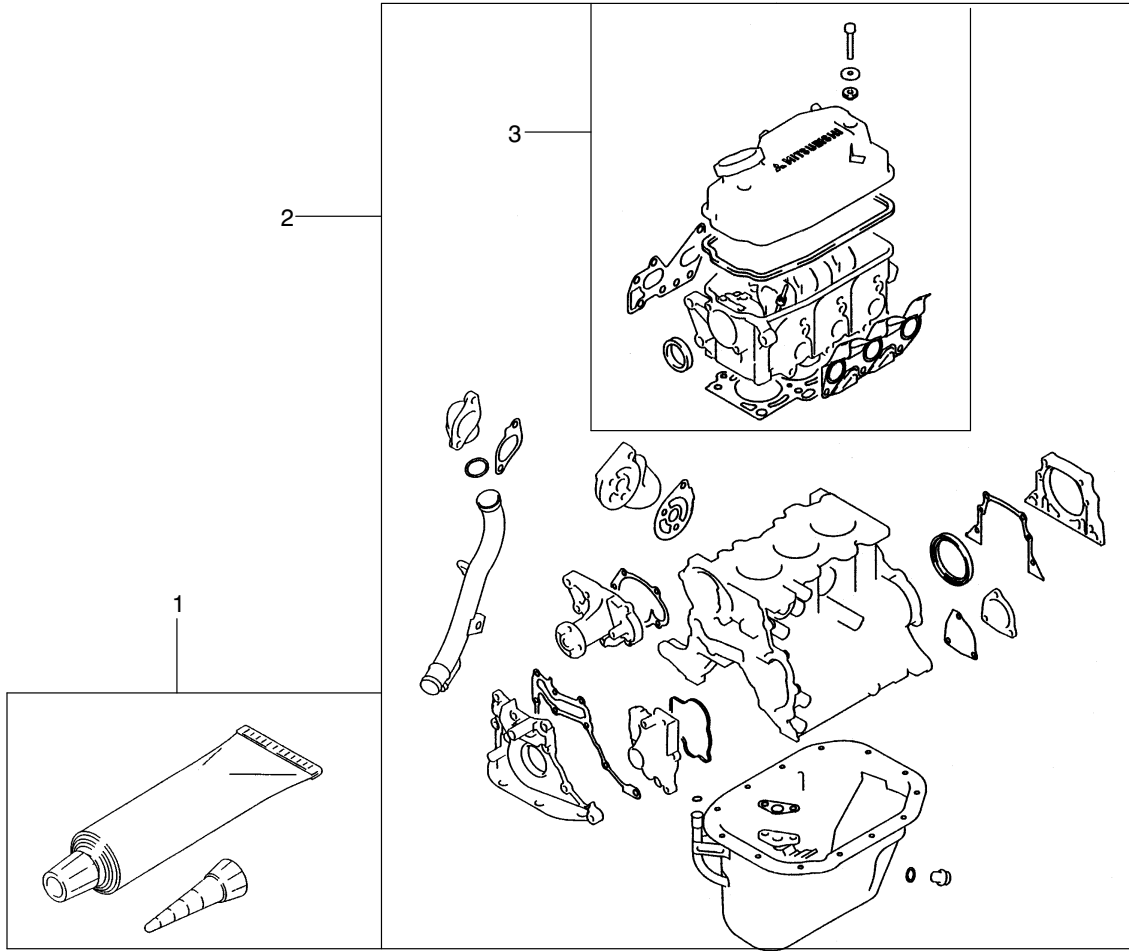
T-1642-1

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

