



Groundsmaster® 228-D 4-Wheel Drive

Model No. 30242 - 240000001 and up.

Parts Catalog

Ordering Replacement Parts

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

Understanding Reference Numbers

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

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

Service Assembly Reference Numbers

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

For example, a wheel assembly might be identified by reference number 6, the tire by 6:1, the valve by 6:2, and the wheel by 6:3. When you order the assembly identified by reference number 6, you receive all parts identified by reference numbers 6:1, 6:2, and 6:3. However, you may also order any part individually. Reference numbers of this type appear in illustrations and in part lists.

Reference Numbers Indicating Quantity

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

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

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Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

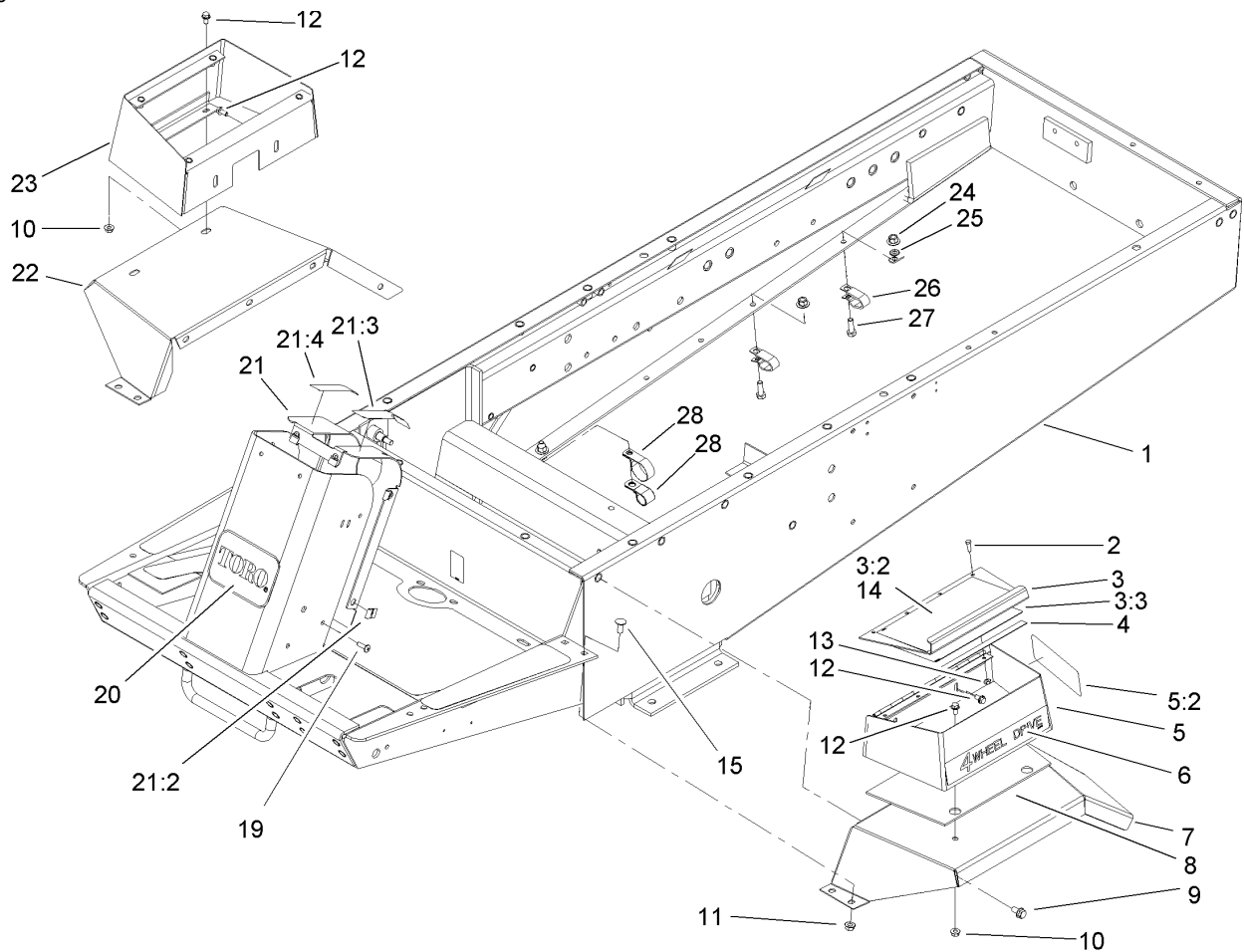
AR.	as required	INC.	incorporated
ASM.	assembly	LH.	left hand
CARR.	carriage	NI.	nylon insert
DEG.	degrees	PPH.	phillips pan head
FH.	flat head	PTH.	phillips truss head
GA.	gauge	PTO.	power take off
HF.	hex flange	RH.	right hand
HH.	hex head	SFH.	slotted fillister head
HHF.	hex head flange	SHH.	slotted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

Footnotes

- ❶

Not illustrated
- ❷

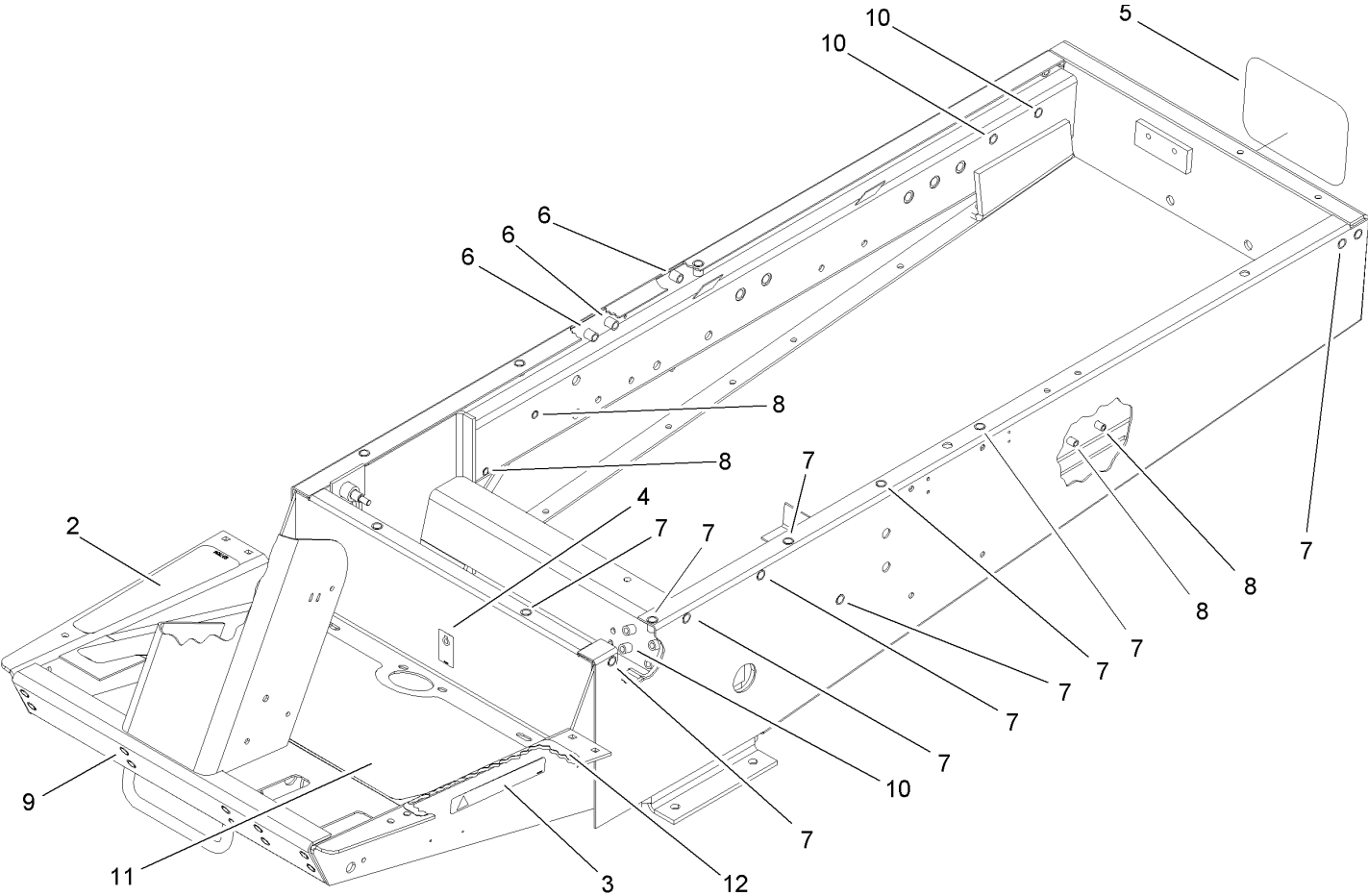
Not serviced separately



Frame and Fender Assembly

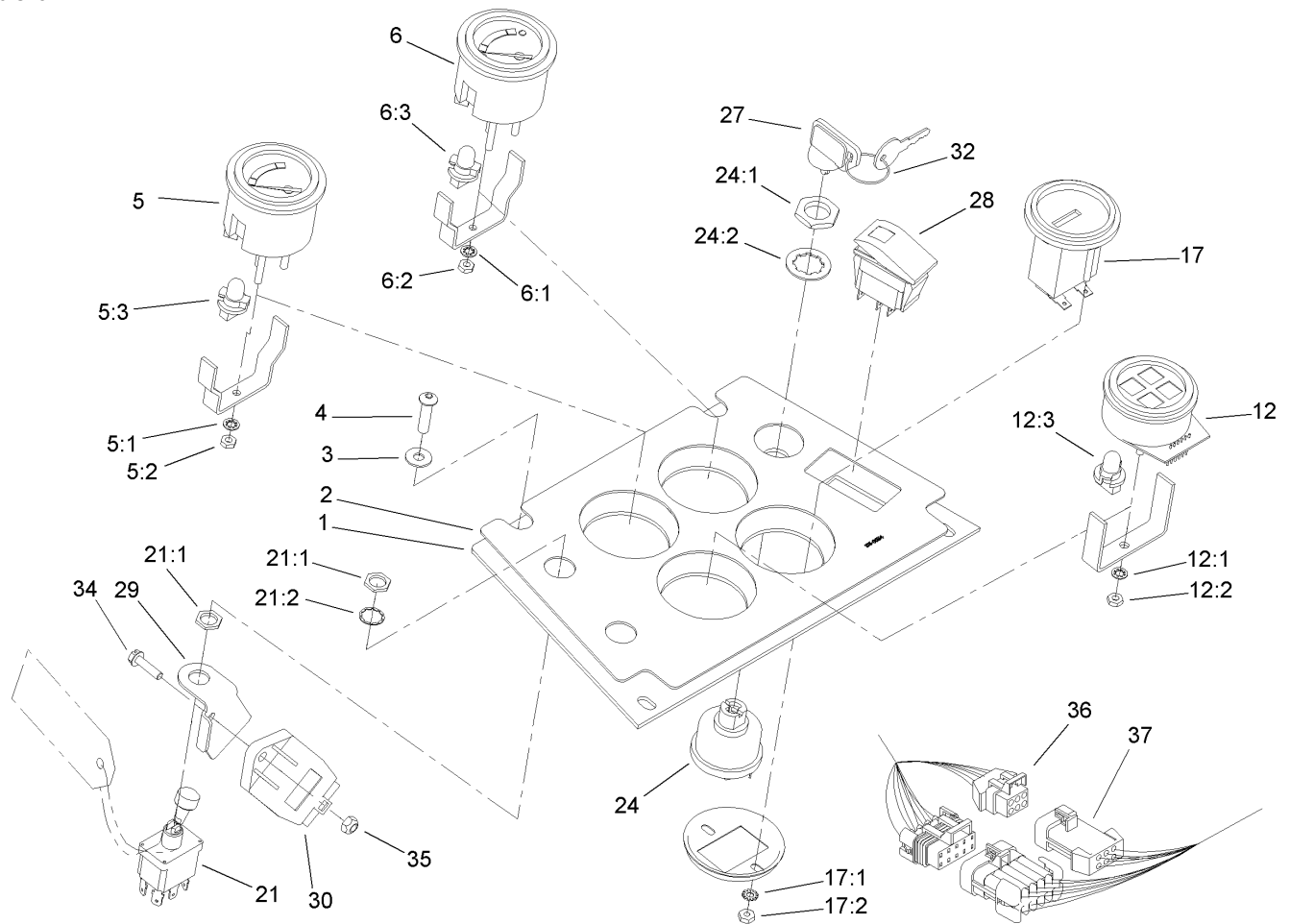
Ref	Part No.	Qty.	Description
1	107-2913	1	Frame ASM
2	3290-359	4	Screw-HWH
3	106-8067	1	Tool Box Cover ASM
3:2	92-5774	1	Decal-Danger
3:3	106-4389	1	Decal-Service
4	66-3050	1	Latch-Box, Tool
5	92-6501	1	Tool Box ASM
5:2	93-7822	1	Decal-Refueling
6	72-3560	2	Decal
7	63-7310-01	1	Fender-LH
8	76-4790	1	Pad-Rubber
9	3234-14	8	Screw-HHF
10	32128-33	4	Nut-HF
11	32128-20	4	Nut-HF
12	3234-13	8	Screw-HHF
13	3296-12	4	Nut-Lock
14	107-2925	1	Decal-Danger
15	3230-23	4	Screw-CARR
19	3250-32	6	Screw-PPH
20	104-3989	1	Decal
21	105-7180	1	Tower Panel ASM
21:2	105-7170	6	Nut-Retainer
21:3	105-7179	1	Decal-Brake, Parking
21:4	82-8940	1	Decal-Steering, Tilt

Ref	Part No.	Qty.	Description
22	63-7300-01	1	Fender-RH
23	63-8050	1	Box-Control
24	32128-44	3	Nut
25	3255-8	1	Washer-Lock
26	92-5753	2	Clamp-Hose
27	322-5	3	Screw-HH
28	2412-74	1	R-Clamp



Frame Assembly No. 107-2913

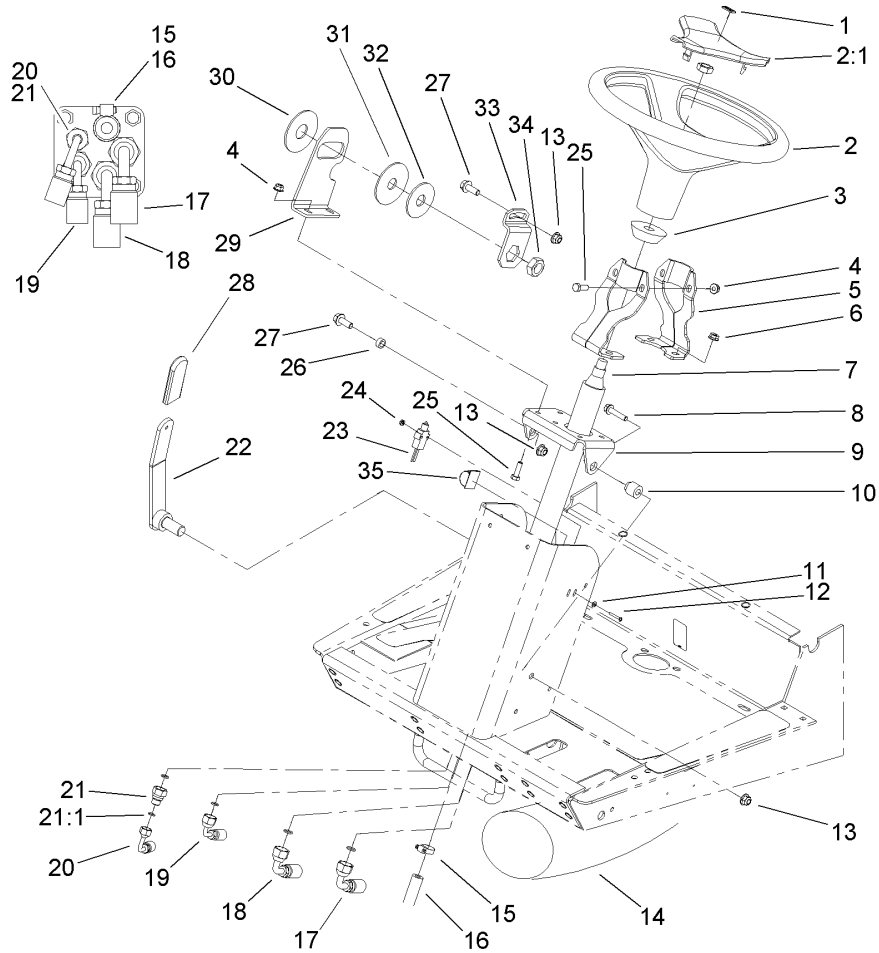
Ref	Part No.	Qty.	Description				
2	93-7834	1	Decal-Footrest, RH				
3	93-7830	2	Decal-Torque				
4	93-6686	1	Decal-Oil, HYD				
5	62-7400	1	Decal				
6	32148-9	3	Insert-Nut				
7	32148-7	22	Insert-Nut				
8	32148-11	4	Insert-Threaded				
9	32148-10	10	Insert-Threaded				
10	32148-8	6	Insert-Threaded				
11	105-7160	1	Pad-Floor				
12	66-3200	1	Tread-Footrest, LH				



Control Panel Assembly

Ref	Part No.	Qty.	Description
1	104-3436-03	1	Plate-Control
2	105-0054	1	Decal-Panel, Control
3	3256-1	4	Washer-Flat
4	3274-65	4	Screw-HSBH
5	98-9308	1	Gauge-Temperature
5:1	3254-1	3	Washer-Lock, Int
5:2	3217-27	3	Nut-Hex
5:3	105-9265	1	Bulb And Lamp ASM
6	98-9339	1	Gauge-Fuel
6:1	3254-1	3	Washer-Lock, Int
6:2	3217-27	3	Nut-Hex
6:3	105-9265	1	Bulb And Lamp ASM
12	98-9306	1	Light-Warning
12:1	3254-1	1	Washer-Lock, Int
12:2	3217-27	1	Nut-Hex
12:3	105-9264	4	Bulb And Lamp ASM
17	66-2950	1	Gauge-Hourmeter
17:1	3255-20	2	Washer-Lock
17:2	3217-25	2	Nut-Hex
21	85-4980	1	Switch-PTO
21:1	3218-19	2	Nut-HJ
21:2	3254-20	1	Washer-Lock, Int.
24	104-2541	1	Switch-Key
24:1	218-461	1	Nut-HH

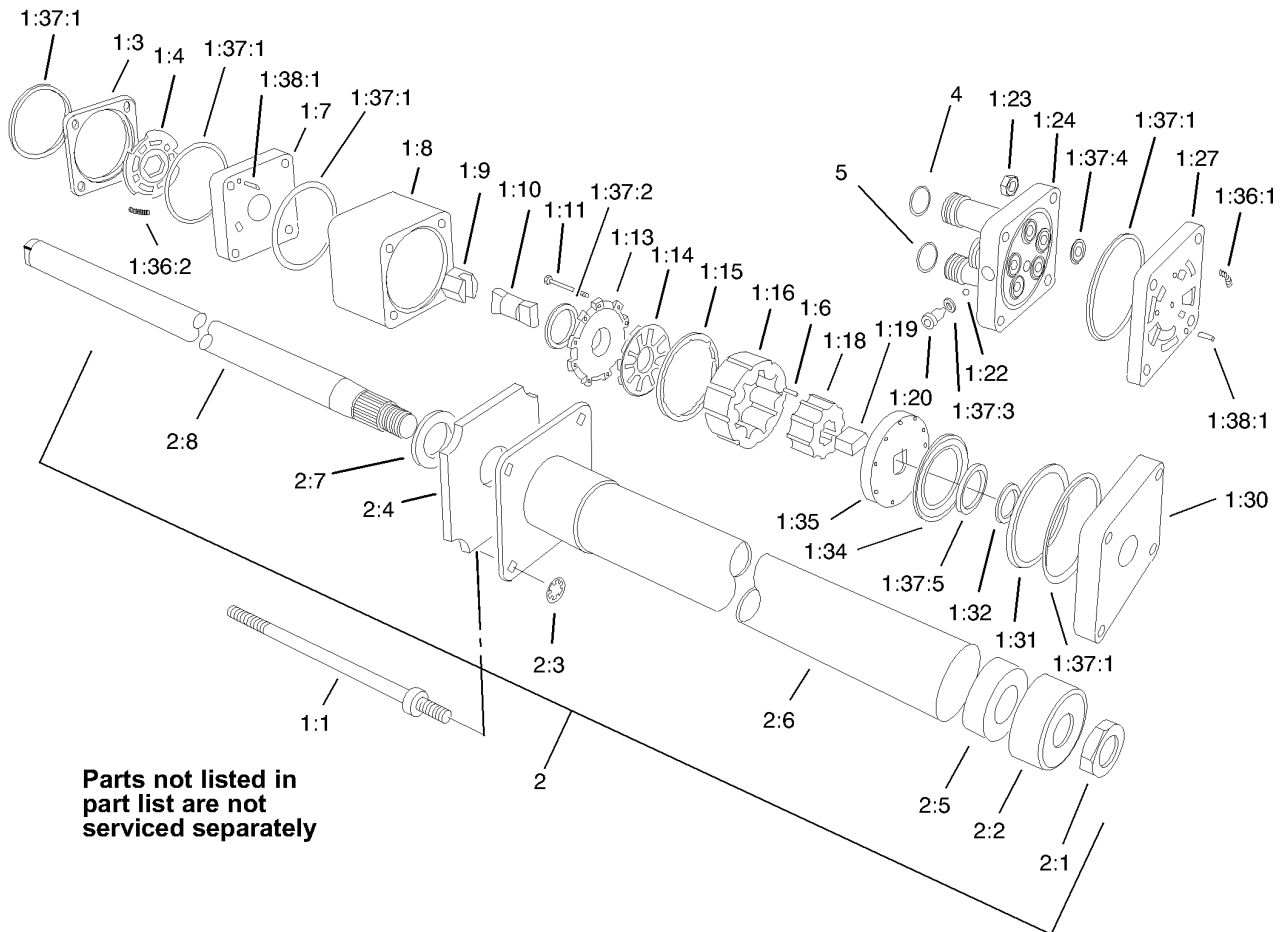
Ref	Part No.	Qty.	Description
24:2	3254-5	1	Washer-Tooth
27	63-8360	1	Key-Ignition
28	100-8072	1	Switch
29	105-0029	1	Bracket-Controller
30	98-7611	1	Controller-Glow
32	98-9321	1	Ring-Key
34	32105-13	1	Screw-SHH
35	3296-12	1	Nut-Lock
36	105-0024	1	Harness-Wire, Gauges
37	106-4194	1	Wire Harness-Main



Power Steering and Brake Pedal Assembly

Ref	Part No.	Qty.	Description
1	98-1459	1	Decal
2	98-1471	1	Wheel-Steering
2:1	98-1468	1	Cover-Wheel, Steering
3	93-5429	1	Collar-Foam
4	104-8300	4	Nut-Flange, NI
5	105-7191-03	2	Support-Column
6	32128-16	4	Nut-HHF
7	92-7308	1	Power Steering Unit ASM
8	3234-18	1	Screw-HHF
9	105-7155-03	1	Bracket-Pivot
10	105-7166	1	Spacer
11	3256-53	2	Washer-Flat
12	3250-35	2	Screw-PPH
13	104-8301	3	Nut-Flange, NI
14	44-8530	1	Protector-Sleeve
15	2412-36	1	Clamp-Hose
16	66-8140	1	Hose-Hydraulic
17	105-7173	1	HYD Hose ASM
18	105-7174	1	HYD Hose ASM
19	105-7177	1	HYD Hose ASM
20	105-7196	1	HYD Hose ASM
21	340-145	1	Fitting-Reducer
21:1	237-21	1	O-Ring
22	93-1353-03	1	Lever-Steering, Tilt ASM

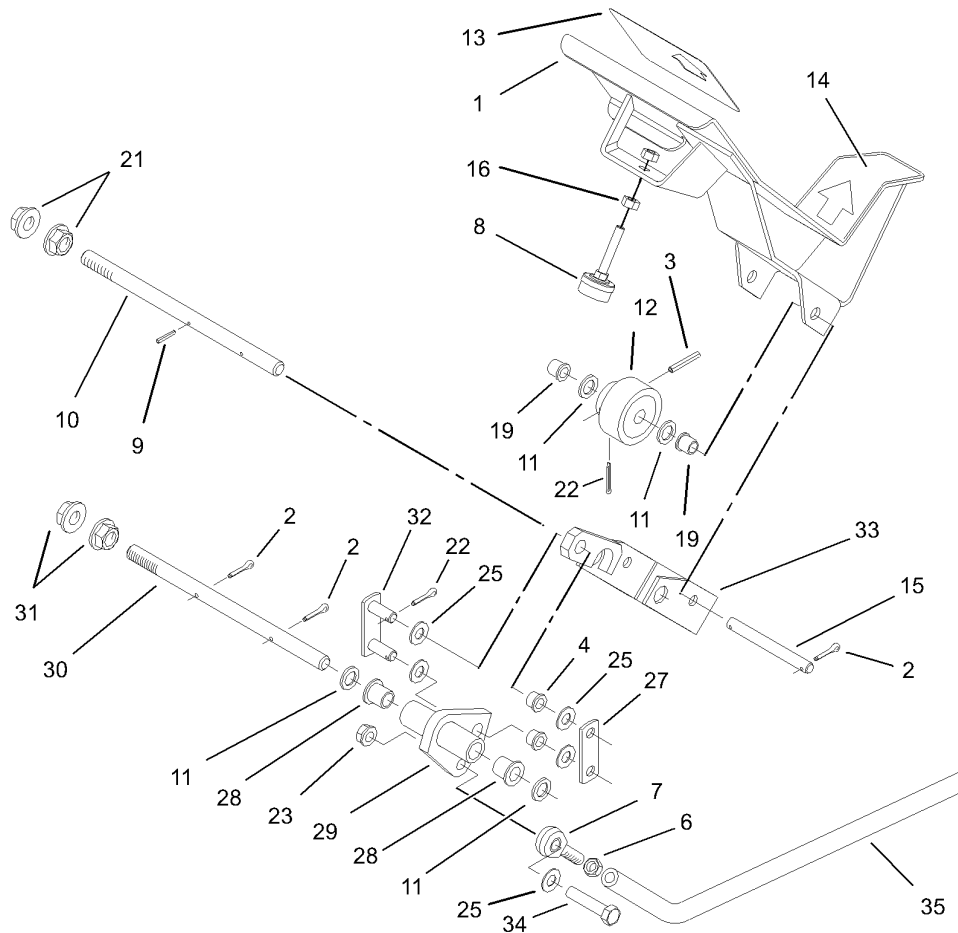
Ref	Part No.	Qty.	Description
23	99-3410	1	Switch
24	32149-6	2	Nut-Keps
25	322-5	4	Screw-HH
26	80-2960	1	Spacer-Tower
27	3234-42	2	Screw-HHF
28	21-1880	1	Grip-Handle
29	105-7181-03	1	Plate-Pivot
30	31-0390	1	Disc-Friction
31	82-9010	1	Disc-Friction
32	80-2930	1	Washer-Flat
33	80-2880	1	Bracket-Tilt
34	3218-7	1	Nut-Jam
35	105-7188	2	Clamp-Adhesive Backed



Power Steering Unit Assembly No. 92-7308

Ref	Part No.	Qty.	Description
1:1	92-7310	4	Bolt-Special
2:1:3		1	Ring-Valve
2:1:4		1	Plate-Valve
2:1:6		9	Pin-Alignment
2:1:7		1	Manifold-Isolation
2:1:8		1	Ring-Metering
2:1:9		1	Hex Drive ASM
2:1:10		1	Link-Drive
2:1:11		11	Screw-HSH
2:1:13		1	Cover-Commutator
2:1:14		1	Commutator
2:1:15		1	Ring-Commutator
2:1:16		1	Stator
2:1:18		1	Rotor
2:1:19		1	Spacer-Link, Drive
2:1:20		1	Plug
2:1:22		1	Ball
2:1:23		4	Nut-Hex
2:1:24		1	Cover-Port
2:1:27		1	Manifold-Port
2:1:30		1	Plate-Cover, Upper
2:1:31		1	Spacer-Bearing, Thrust
2:1:32		1	Spacer-Seal
2:1:34		1	Bearing-Thrust
2:1:35		1	Plate-Drive

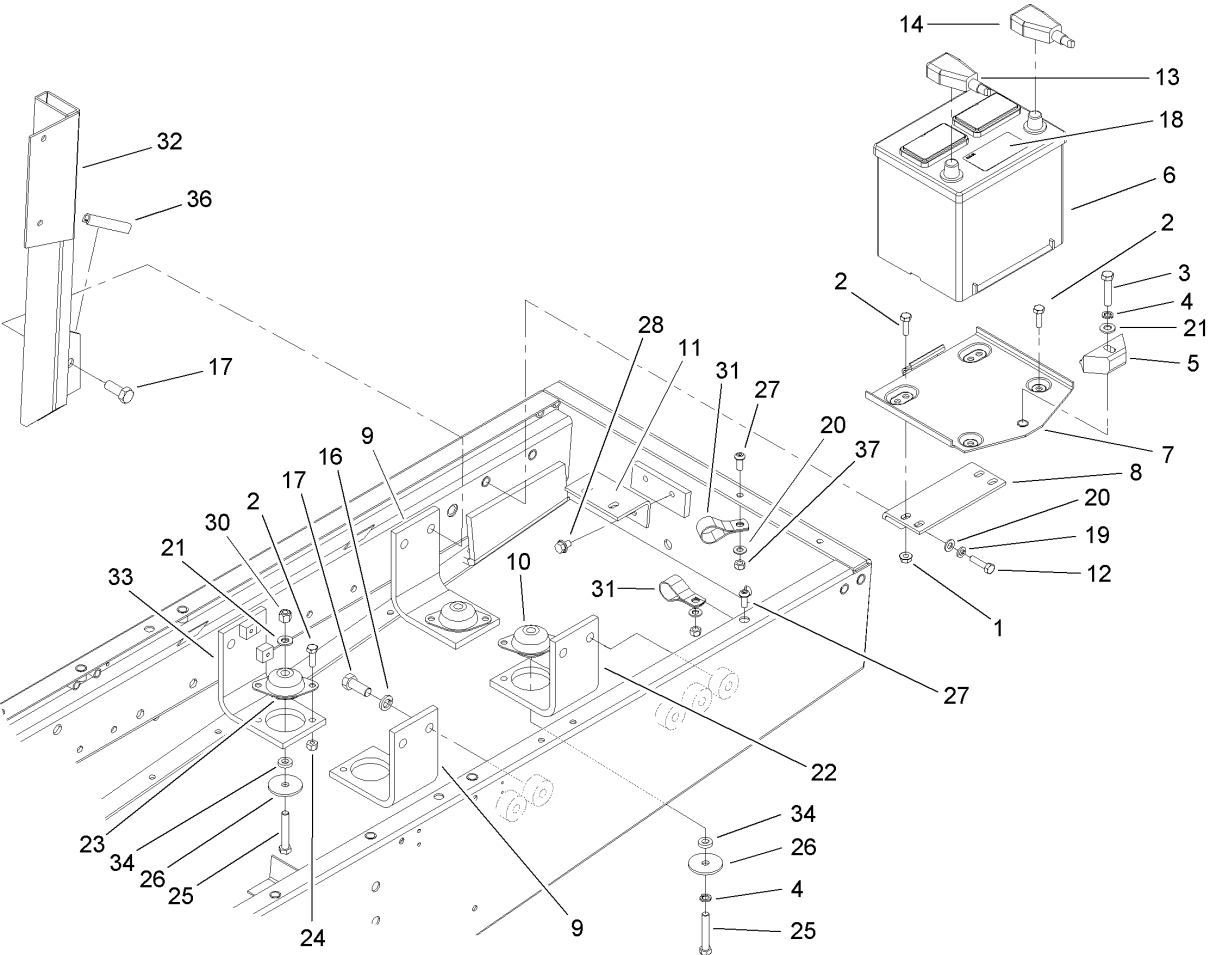
Ref	Part No.	Qty.	Description
1:1:36	66-9970	1	Spring Kit
2:1:36:1		3	Spring
2:1:36:2		3	Spring
1:1:37	66-9980	1	Seal Kit
2:1:37:1		5	Ring-Seal
2:1:37:2		1	Seal-Commutator
2:1:37:3		1	O-Ring
2:1:37:4		5	O-Ring
2:1:37:5		1	Seal-Face
1:1:38	66-9990	1	Needle Roller Kit
2:1:38:1		9	Pin-Alignment
2	92-7314	1	Column ASM
2:1	3220-6	1	Nut-Jam
2:2	92-7315	1	Seal-Upper
2:3	92-7316	4	Nut-Push On
2:4	92-7317	1	Seal-Foam, Upper Cover
2:5		1	Bearing
2:6		1	Cover-Upper
2:7		1	Washer-Retaining
2:8		1	Shaft-Input
4	237-30	2	O-Ring
5	237-22	2	O-Ring



4 WD Traction Pedal Assembly

Ref	Part No.	Qty.	Description
1	105-7150-03	1	Pedal ASM
2	3272-10	4	Pin-Cotter
3	32121-6	1	Pin-Roll
4	256-116	2	Bushing-Flange
6	3220-3	1	Nut-Jam
7	2411-36	1	Bearing-End, Rod
8	32141-36	1	Screw-Adjustment, Level
9	32121-50	1	Pin-Spring
10	92-5534	1	Shaft-Pedal, Traction
11	5-7570	4	Washer-Flat
12	28-5220	1	Friction Wheel ASM
13	94-3307	1	Pad-Pedal, Traction
14	94-3308	1	Pad-Pedal, Traction
15	92-5537	1	Pin-Pedal, Traction
16	3217-6	2	Nut-Hex
19	256-156	2	Bushing-Flange
21	32128-56	2	Nut-HF
22	3272-6	3	Pin-Cotter
23	3296-39	1	Nut-Lock, NI
25	3256-24	5	Washer-Flat
27	92-5721	1	Link-Traction
28	256-219	2	Bushing
29	92-5094-03	1	Arm-Traction
30	92-5075	1	Shaft-Pedal, Traction

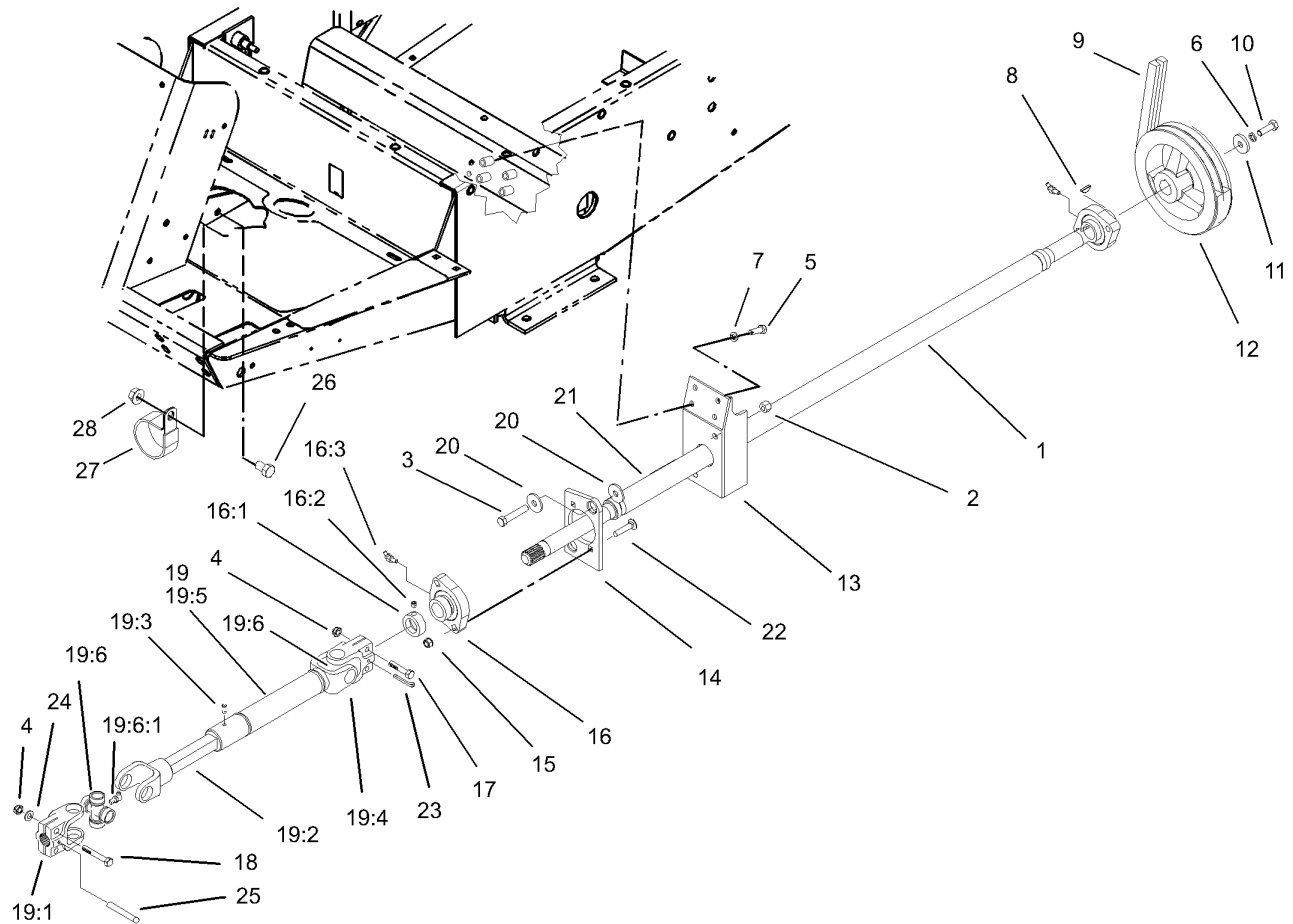
Ref	Part No.	Qty.	Description
31	32128-49	2	Nut-HHF
32	92-5532	1	Link-Traction
33	92-5093-03	1	Arm-Pivot ASM
34	323-9	1	Screw-HH
35	92-5536-03	1	Tube-Control, Pump ASM



Battery and Engine Mount Assembly

Ref	Part No.	Qty.	Description
1	32128-20	3	Nut-HF
2	322-5	11	Screw-HH
3	323-9	1	Screw-HH
4	3253-21	2	Washer-Lock
5	66-2490	1	Retainer-Battery
6	106-5187	1	Battery
7	94-7343	1	Battery Base ASM
8	95-1592-03	1	Bracket-Base, Battery
9	95-6270-03	2	Bracket-Mount, Engine
10	63-7141	1	Mount-Shock, Engine
11	95-1599-03	1	Bracket-Base, Battery
12	322-6	2	Screw-HH
13	104-0086	1	Cable-Battery, Positive
14	105-0040	1	Cable-Battery, Negative
16	3253-7	8	Washer-Lock
17	3213-2	8	Screw-HH
18	93-7276	1	Decal-Danger
19	3253-4	2	Washer-Lock
20	3256-23	5	Washer-Flat
21	3256-24	4	Washer-Flat
22	95-6271-03	1	Bracket-Mount, Engine
23	63-7142	3	Mount-Shock, Engine
24	3296-29	8	Nut-Lock, NI
25	323-11	4	Screw-HH

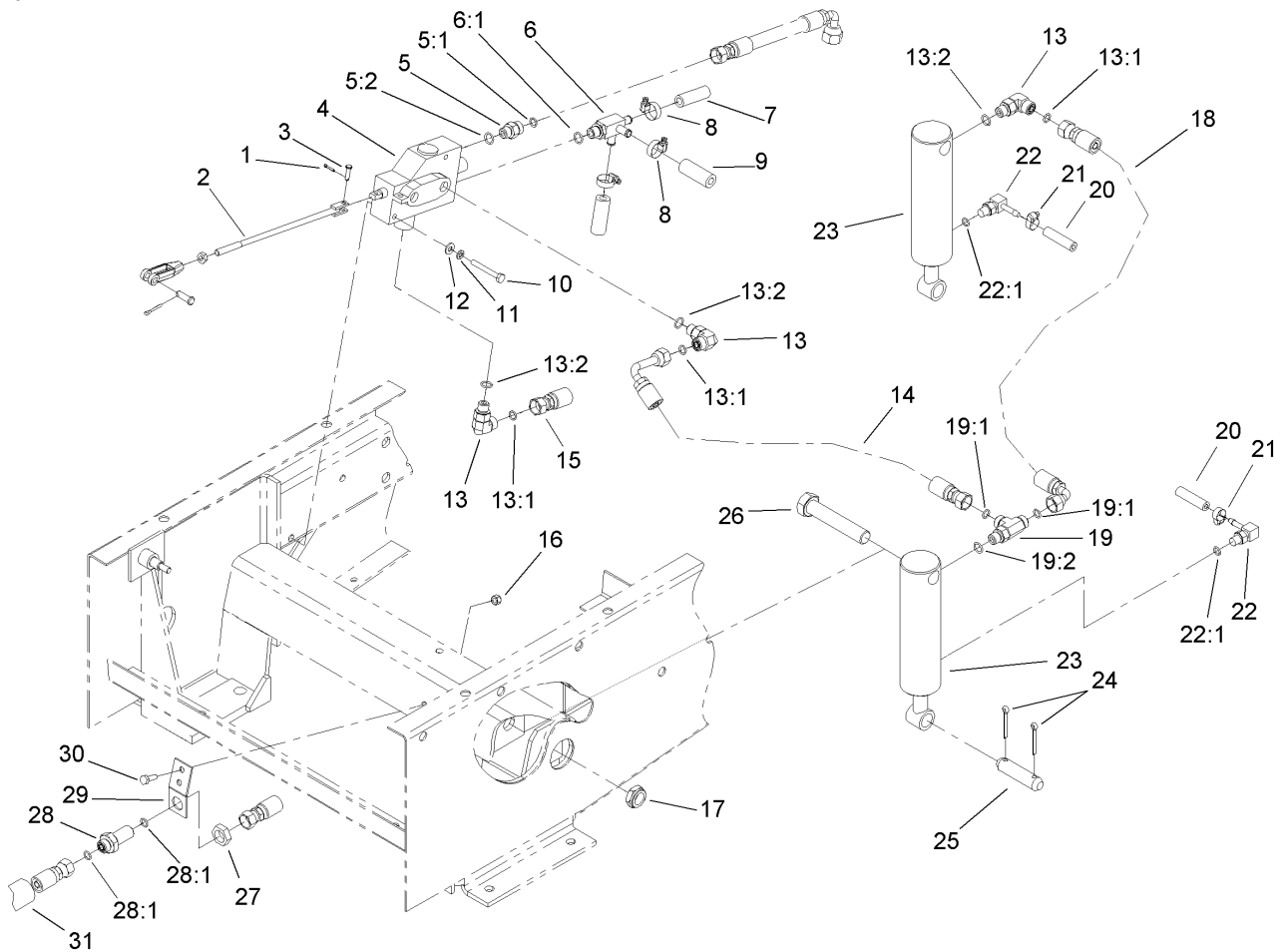
Ref	Part No.	Qty.	Description
26	63-7400	4	Washer-Rebound
27	3274-96	3	Screw
28	3234-30	2	Screw-HHF
30	3296-39	3	Nut-Lock, NI
31	98-3883	3	Clamp-Wire
32	105-2513-03	1	Air Cleaner Mount ASM
33	105-7848-03	1	Bracket-Mount, Engine
34	80-7730	4	Spacer
36	43-4300	1	Trim-Frame, Rear
37	33024-00	3	Nut-Lock



PTO Shaft and Assembly

Ref	Part No.	Qty.	Description
1	92-8855-03	1	Shaft-PTO
2	3296-39	2	Nut-Lock, NI
3	323-10	2	Screw-HH
4	3296-29	5	Nut-Lock, NI
5	322-5	4	Screw-HH
6	3253-21	1	Washer-Lock
7	3253-4	4	Washer-Lock
8	3257-5	1	Key-Woodruff
9	63-6240	1	V-Belt, PTO
10	323-18	1	Screw-HH
11	29-4730	1	Washer-Flat
12	43-5320-03	1	Pulley-PTO
13	92-8751-03	1	PTO Bearing Bracket ASM
14	84-7580	1	Plate-Support, Bushing
15	32149-1	2	Nut
16	92-8799	1	Bearing-Flange
16:1	251-77	1	Lockcollar-Bearing
16:2	3246-1	1	Screw-Set
16:3	302-40	1	Fitting-Grease
17	322-9	4	Screw-HH
18	322-14	1	Screw-HH
19	54-7950	1	PTO Drive Shaft ASM
19:1	54-9040	1	Yoke-End
19:2	54-9050	1	Shaft-Slip Yoke

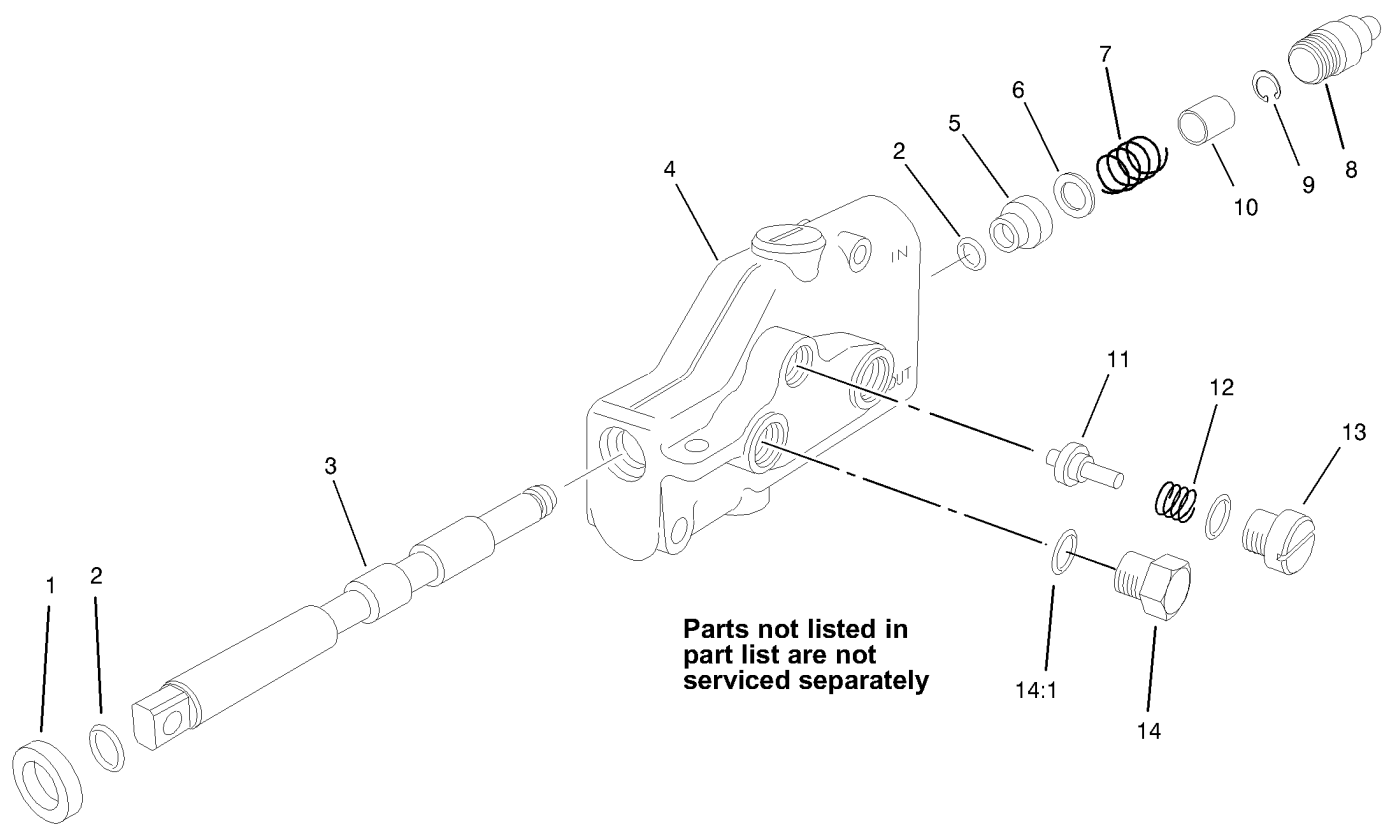
Ref	Part No.	Qty.	Description
19:3	302-58	1	Fitting-Grease
19:4	54-9090	1	Yoke-End
19:5	54-9170-01	1	Tube-Yoke, Slip
19:6	54-9180	2	U-Joint Kit
19:6:1	62-3820	1	Fitting-Grease
20	63-8410	4	Washer
21	63-9750	2	Mount
22	3230-4	2	Screw-CARR
23	3272-15	1	Pin-Cotter
24	3256-23	1	Washer-Flat
25	32121-34	1	Pin-Roll
26	46-3380	1	Bolt-Shoulder
27	2412-102	1	R-Clamp
28	3296-39	1	Nut-Lock, NI



Hydraulic Cylinder and Lift Valve Assembly

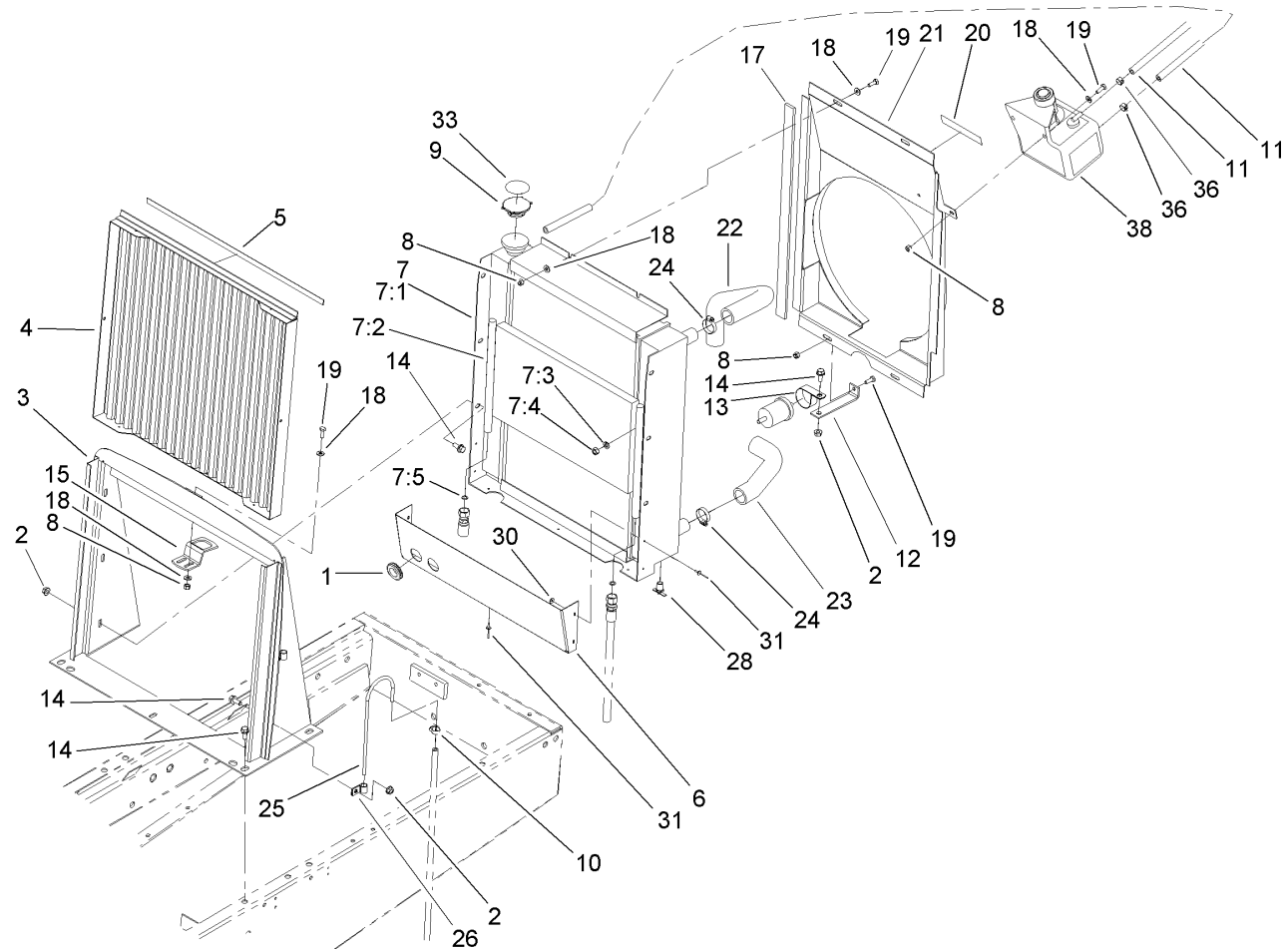
Ref	Part No.	Qty.	Description
1	3272-5	1	Pin-Cotter
2	76-4830-03	1	Valve Rod ASM
3	283-16	1	Pin-Clevis
4	63-7960	1	Valve-Lift
5	340-2	1	Fitting-Hyd, Straight
5:1	237-22	1	O-Ring
5:2	237-42	1	O-Ring
6	66-3130	1	Fitting-Special
6:1	237-42	1	O-Ring
7	100-5641	1	Hose ASM
8	2412-36	3	Clamp-Hose
9	66-8150	1	Hose-Hydraulic
10	321-11	2	Screw-HH
11	3253-3	2	Washer-Lock
12	3256-22	2	Washer-Flat
13	340-77	3	Fitting-Hyd, 90 DEG
13:1	237-22	1	O-Ring
13:2	237-42	1	O-Ring
14	66-8640	1	Hydraulic Hose ASM
15	105-0018	1	Hydraulic Hose ASM
16	3296-42	2	Nut-Lock, NI
17	3296-15	2	Nut-Lock, NI
18	66-8190	1	Hydraulic Hose ASM
19	340-86	1	Fitting-Hyd, Tee

Ref	Part No.	Qty.	Description
19:1	237-22	2	O-Ring
19:2	237-42	1	O-Ring
20	92-5082	2	Hose-Hydraulic
21	2412-108	2	Clamp-Worm
22	304-99	2	Stem-Hose
22:1	237-78	1	O-Ring
23	63-6630	2	Cylinder-Hydraulic
24	3272-23	4	Pin-Cotter
25	27-4240	2	Pin-Cylinder
26	3216-3	2	Screw-HH
27	340-70	1	Nut-Lock
28	340-71	1	Fitting-Straight, Bulkhead
28:1	237-22	2	O-Ring
29	63-7410	1	Bracket-Bulkhead
30	321-4	2	Screw-HH
31	56-7984	1	Protective Sleeve



Lift Valve Assembly No. 63-7960

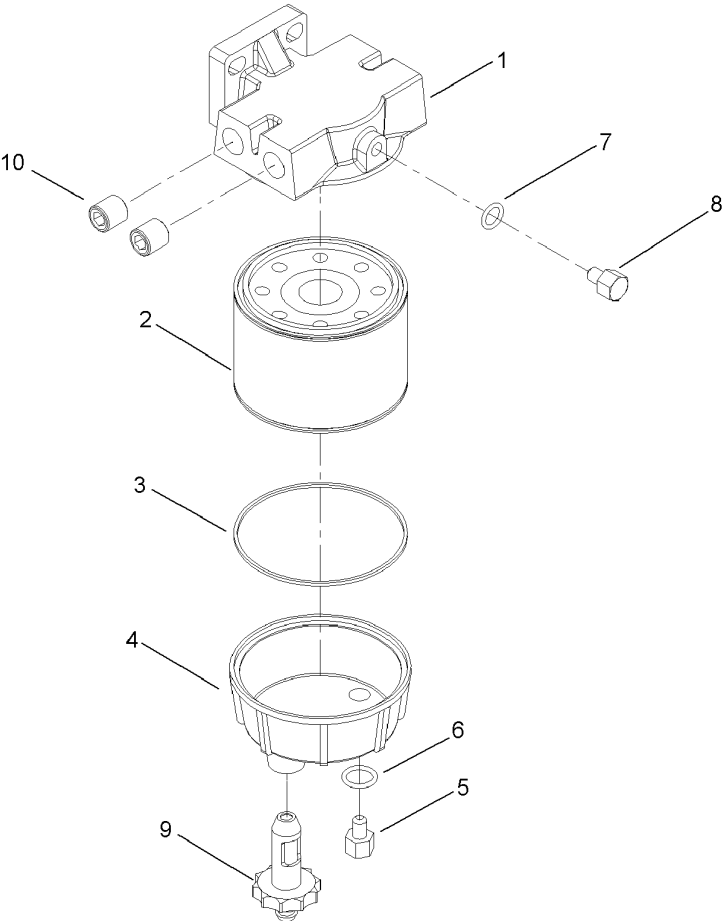
Ref	Part No.	Qty.	Description				
1	58-6320	1	Wiper				
2	58-6450	2	O-Ring				
23		1	Spool				
24		1	Body				
5	58-6400	1	Bushing				
6	65-2770	1	Washer				
7	65-2950	1	Spring				
8	58-6420	1	Cap				
9	58-6460	1	Ring-Retaining				
10	65-2740	1	Spacer				
11	65-2750	1	Plunger				
12	65-2760	1	Spring				
13	65-2930	1	Plug ASM				
14	353-508	1	Plug				
14:1	237-42	1	O-Ring				



Radiator Assembly

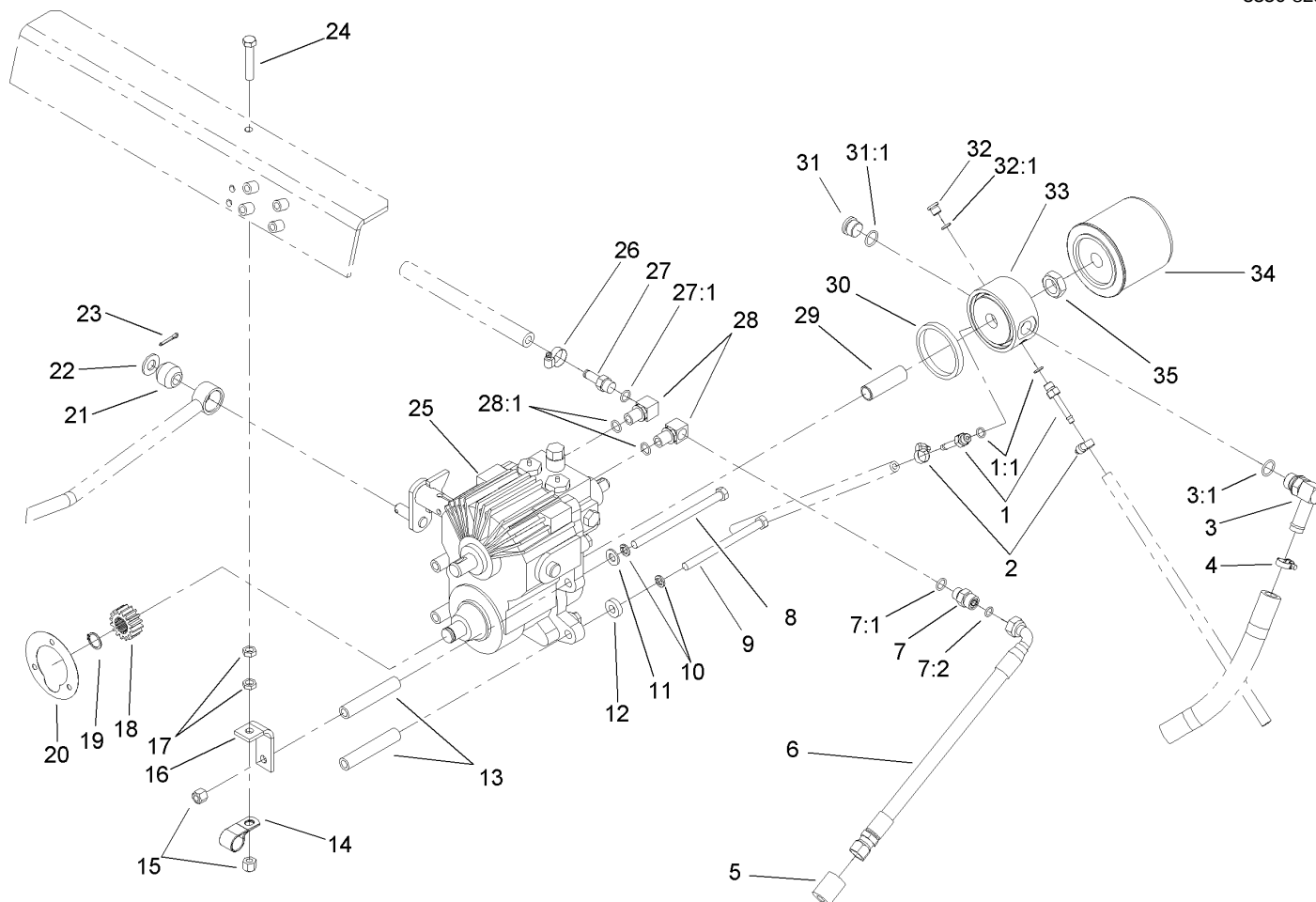
Ref	Part No.	Qty.	Description
1	240-4	2	Grommet-Rubber
2	32128-20	7	Nut-HF
3	104-3489-03	1	Radiator Support ASM
4	104-1727-03	1	Screen ASM
5	63-7710	1	Strip-Magnetic
6	105-0041-03	1	Shield-Radiator, Bottom
7		1	Radiator/oil Cooler ASM
7:1	105-4289	1	Radiator
7:2	105-4290	1	Cooler-Oil
7:3	3253-4	4	Washer-Lock
7:4	3217-6	4	Nut-Hex
7:5	237-22	2	O-Ring
8	3296-42	8	Nut-Lock, NI
9	66-3240	1	Cap-Radiator
10	2412-108	1	Clamp-Worm
11	93-5484	2	Hose-Fuel
12	105-7847-03	1	Bracket-Filter
13	2412-147	1	Clamp
14	3234-5	9	Screw
15	98-9316	1	Latch-Hood
17	106-4356	2	Strip-Foam
18	3256-22	13	Washer-Flat
19	321-4	8	Screw-HH
20	93-7272	1	Decal-Warning

Ref	Part No.	Qty.	Description
21	105-4261-03	1	Fan Shroud ASM
22	104-3443	1	Hose-Radiator, Upper
23	104-3442	1	Hose-Radiator, Lower
24	2412-34	4	Clamp-Hose
25	66-3180	1	Tube-Vent
26	2412-103	2	Clamp
28	304-46	1	Draincock
30	3269-10	2	Washer-Back
31	3269-13	5	Rivet-Pop
33	106-5976	1	Decal-Warning
36	92-2379	2	Clamp-Hose
38	93-5642	1	Reservoir-Coolant



Water/Fuel Filter Assembly No. 98-9305

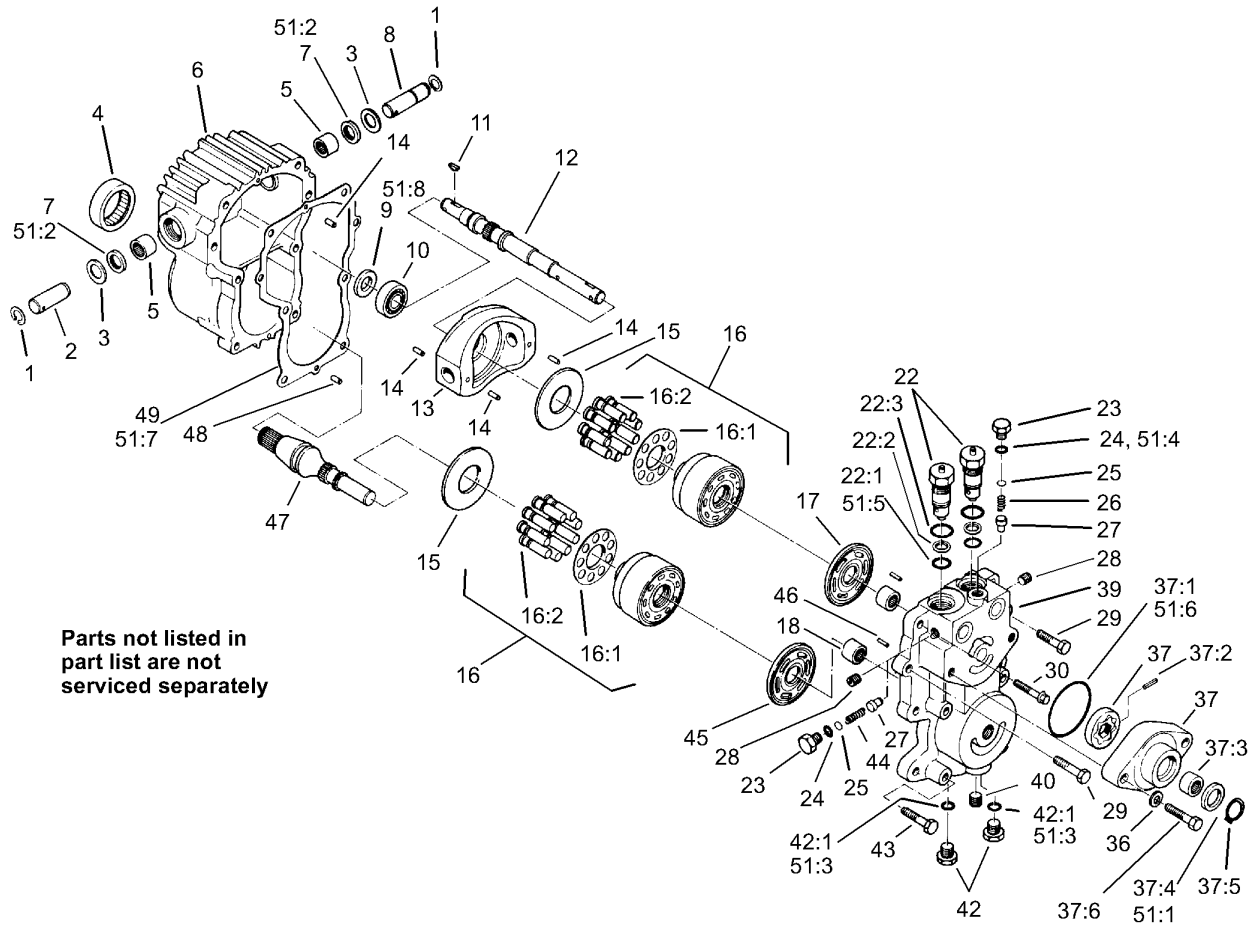
Ref	Part No.	Qty.	Description				
1	98-9772	1	Head-Filter				
2	98-9764	1	Element				
3	98-9774	1	O-Ring-Base, Filter				
4	98-9775	1	Base-Filter				
5	98-9773	1	Plug-Base, Filter				
6	237-42	1	O-Ring				
7	237-78	1	O-Ring				
8	98-9776	1	Plug-Head, Filter				
9	98-9777	1	Drain Valve ASM				
10	285-22	2	Plug-Pipe				



Transmission and Drive Coupling Assembly

Ref	Part No.	Qty.	Description
1	92-5512	2	Fitting-Hose, Barbed
1:1	237-78	1	O-Ring
2	2412-108	2	Clamp-Worm
3	92-5086	1	Fitting-Elbow-90
3:1	237-79	1	O-Ring
4	2412-34	1	Clamp-Hose
5	38-3400	1	Guard-Rubber
6	66-8490	1	HYD Hose ASM
7	82-8530	1	Fitting-Straight
7:1	237-42	1	O-Ring
7:2	237-22	1	O-Ring
8	27-9620	1	Screw-HH
9	323-39	3	Screw-HH
10	3253-21	4	Washer-Lock
11	3256-24	1	Washer-Flat
12	5-0652	1	Spacer
13	27-3680	4	Spacer-Mounting
14	2412-4	1	Clamp
15	3296-39	2	Nut-Lock, NI
16	63-7170	1	Anchor-Transmission
17	3218-3	2	Nut-Jam
18	86-7220	1	Gear-Pinion
19	32120-72	1	Ring-Snap
20	27-3690	1	Gasket-Transmission

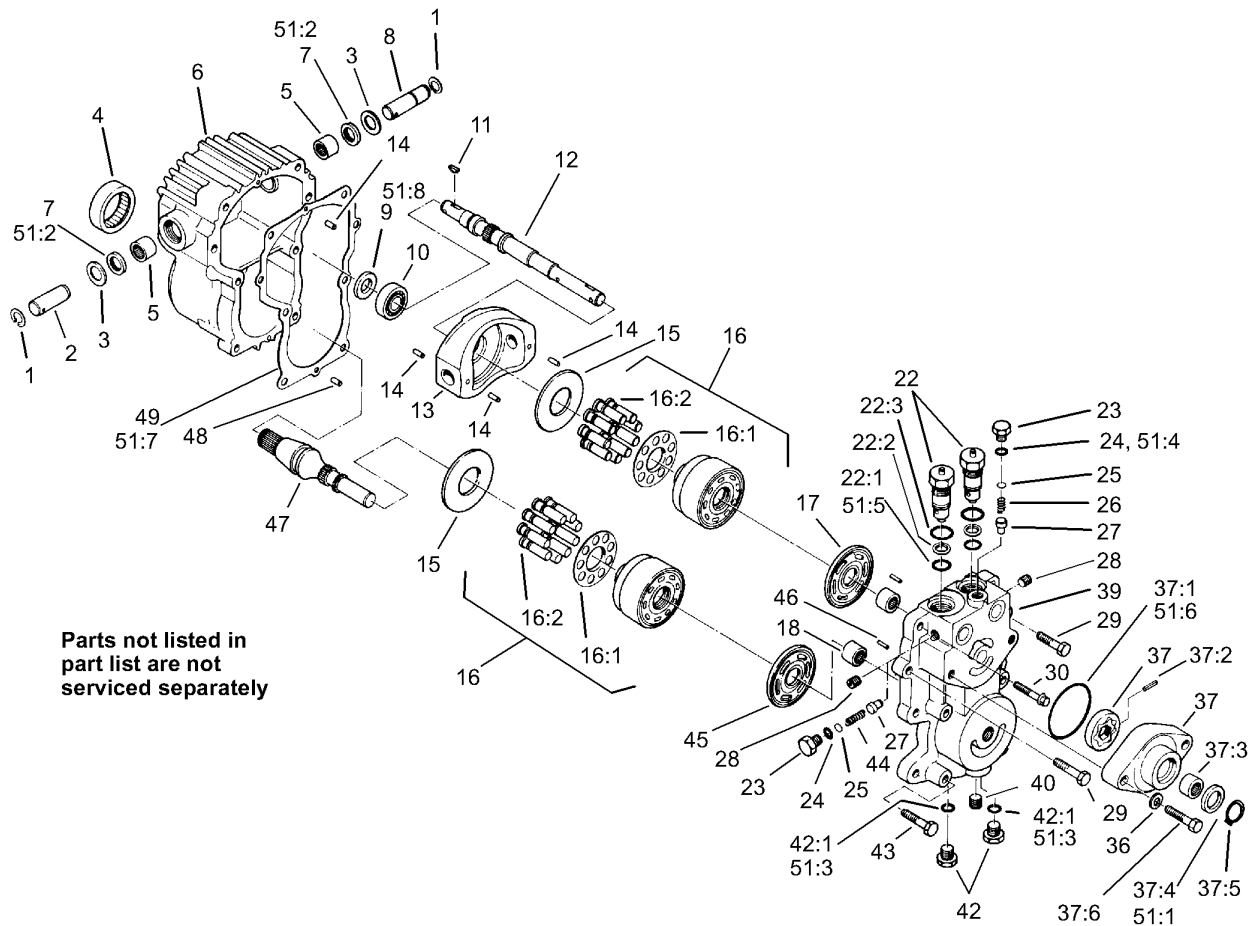
Ref	Part No.	Qty.	Description
21	23-2270	1	Bushing-Rubber
22	3256-26	1	Washer-Flat
23	3272-10	1	Pin-Cotter
24	911424	1	Screw-HH
25	92-5513	1	Transmission
26	2412-36	1	Clamp-Hose
27	353-979	1	Fitting-Barbed, Straight
27:1	237-42	1	O-Ring
28	66-3110	2	Fitting-Hyd, 90 DEG
28:1	237-42	1	O-Ring
29	92-5085	1	Union-Filter
30	92-5087	1	Seal-Filter Adaptor
31	353-988	1	Plug-Hex, Hollow
31:1	237-79	1	O-Ring
32	353-990	1	Plug
32:1	237-78	1	O-Ring
33	92-5076	1	Adapter-Filter
34	23-2300	1	Filter-Oil, Transmission
35	3220-7	1	Nut-Jam



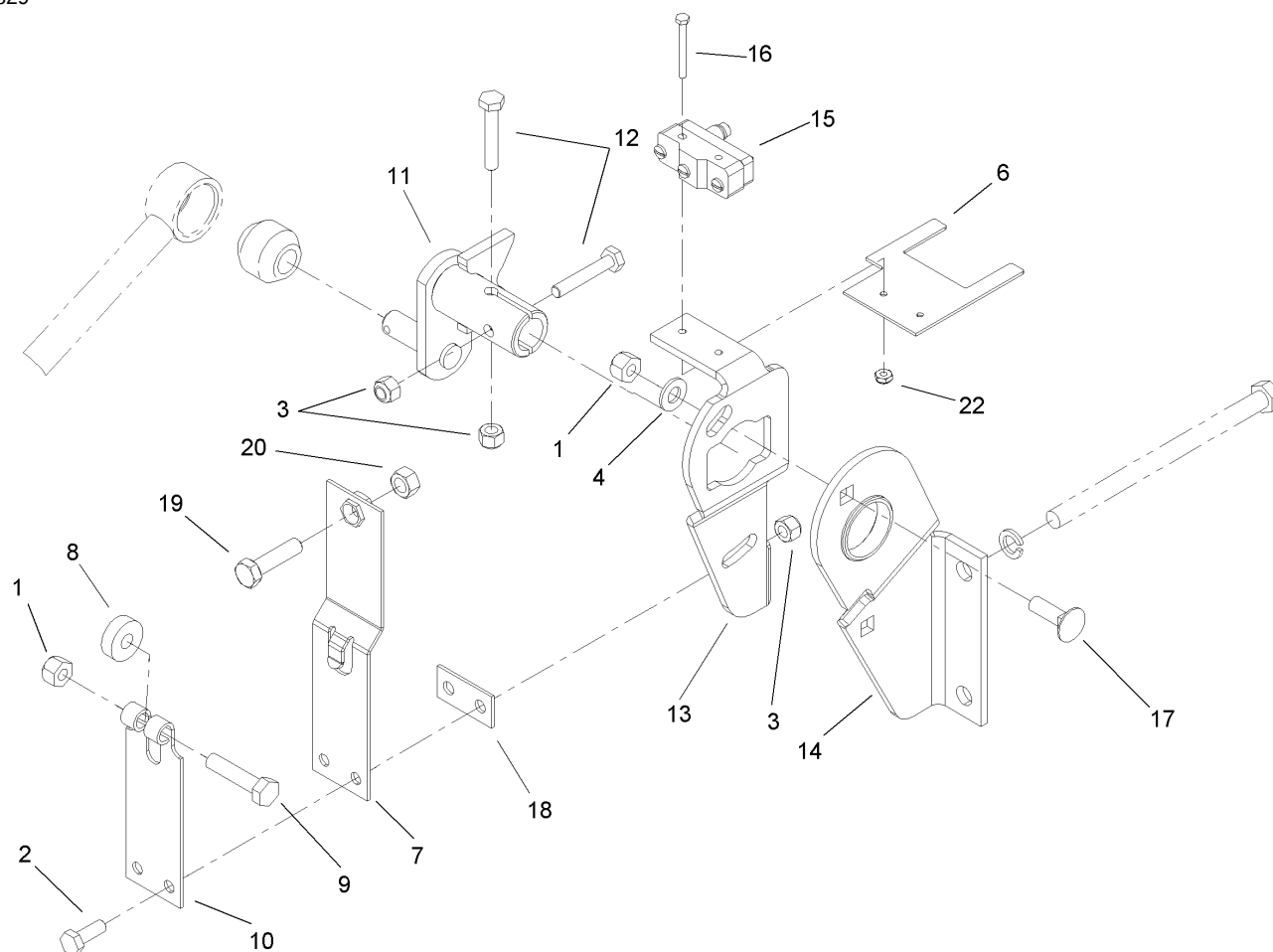
Transmission Assembly No. 92-5513

Ref	Part No.	Qty.	Description
1	32151-46	2	Ring-Retaining
2	25-2500	1	Shaft-Trunnion
3	25-2510	2	Washer-Flat
4	28-3300	1	Bearing-Roller
5	252-82	2	Bearing-Needle
6	92-5709	1	Housing-Transmission
7	25-3210	2	Seal-Lip
8	28-3670	1	Shaft-Trunnion
9	93-4133	1	Seal-Lip
10	28-3650	1	Bearing-Ball
11	3257-5	2	Key-Woodruff
12	28-3640	1	Shaft-Pump
13	49-7820	1	Swashplate-Variable
14	32121-91	3	Pin-Spring
15	25-2380	2	Plate-Thrust
16	48-1800	2	Cylinder Block Kit
16:1		1	Retainer-Slipper
16:2		9	Piston ASM
17	46-7320	1	Plate-Valve, Pump
18	25-3300	2	Bearing-Needle
22	49-7830	2	Check Valve Kit
22:1	28-3590	2	O-Ring
22:2	28-3580	2	Ring-Back Up
22:3	28-3570	2	O-Ring

Ref	Part No.	Qty.	Description
23	25-2460	2	Plug-HH
24	28-3400	2	O-Ring
25	25-2470	1	Pack-Shim
26	46-7310	1	Spring
27	83-7260	2	Cone-Relief, Charge
28	285-17	4	Plug-Pipe
29	323-8	2	Screw-HH
30	28-3530	2	Capscrew
36	28-3450	2	Washer
37	38-2670	1	Charge Pump Kit
37:1	28-3520	1	O-Ring
37:2	38-2680	1	Pin
37:3	28-3480	1	Bearing
37:4	94-2975	1	Seal-Shaft
37:5	94-2976	1	Ring-Retaining
37:6	324-23	2	Screw-HH
39	92-5716	1	Section-Center
40	92-5717	1	Plug-Pipe
42	28-3440	2	Plug-Threaded
42:1	75-0240	1	O-Ring
43	323-10	4	Screw-HH
44	25-2480	1	Spring-Valve
45	28-3380	1	Plate-Valve, Motor
46	25-2430	2	Pin-Dowel

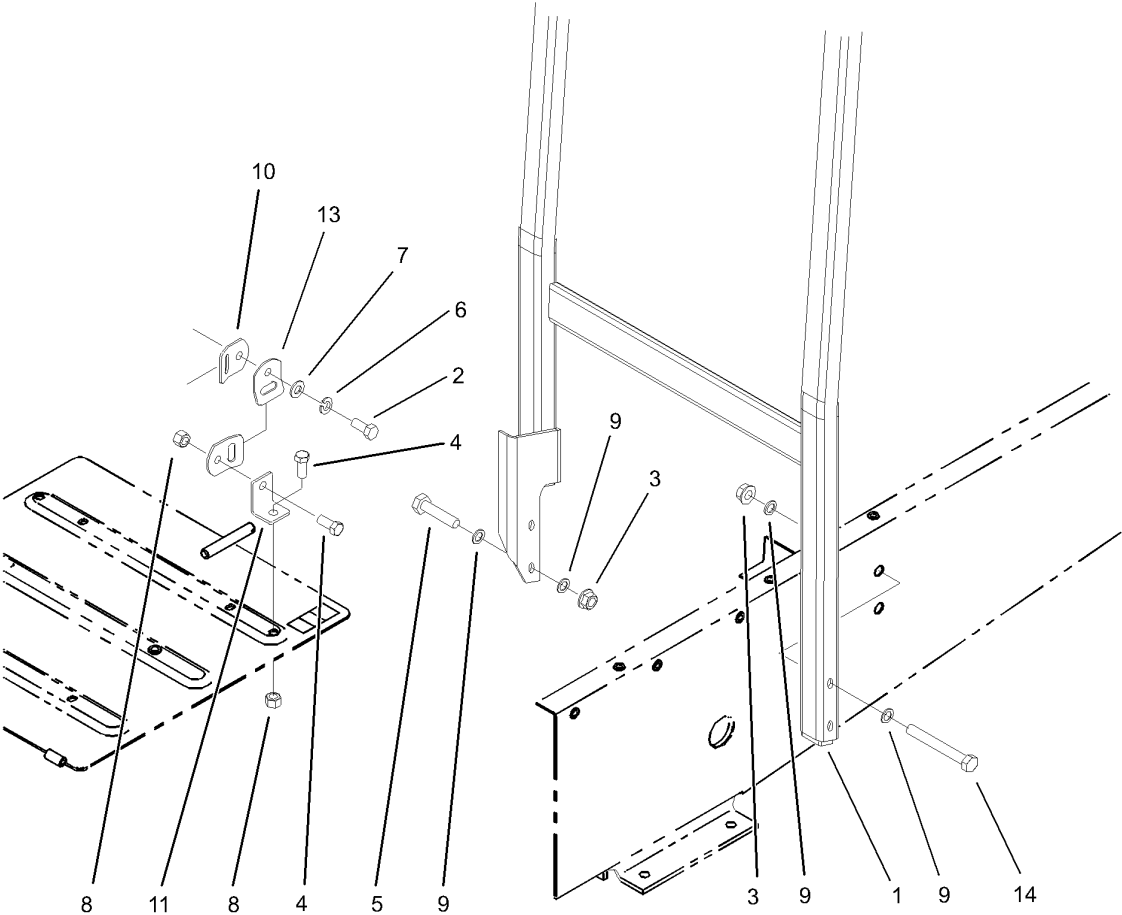
**Transmission Assembly No. 92-5513 (continued)**

Ref	Part No.	Qty.	Description
47	49-8200	1	Shaft-Motor
48	353-599	2	Pin-Dowel
49	28-3340	1	Gasket
❶ 51	106-4384	1	Seal Kit (15 Series)
51:1	94-2975	2	Seal-Shaft
51:2	25-3210	2	Seal-Lip
51:3	75-0240	2	O-Ring
51:4	28-3400	2	O-Ring
51:5	28-3590	2	O-Ring
51:6	28-3520	1	O-Ring
51:7	28-3340	1	Gasket
51:8	93-4133	1	Seal-Lip



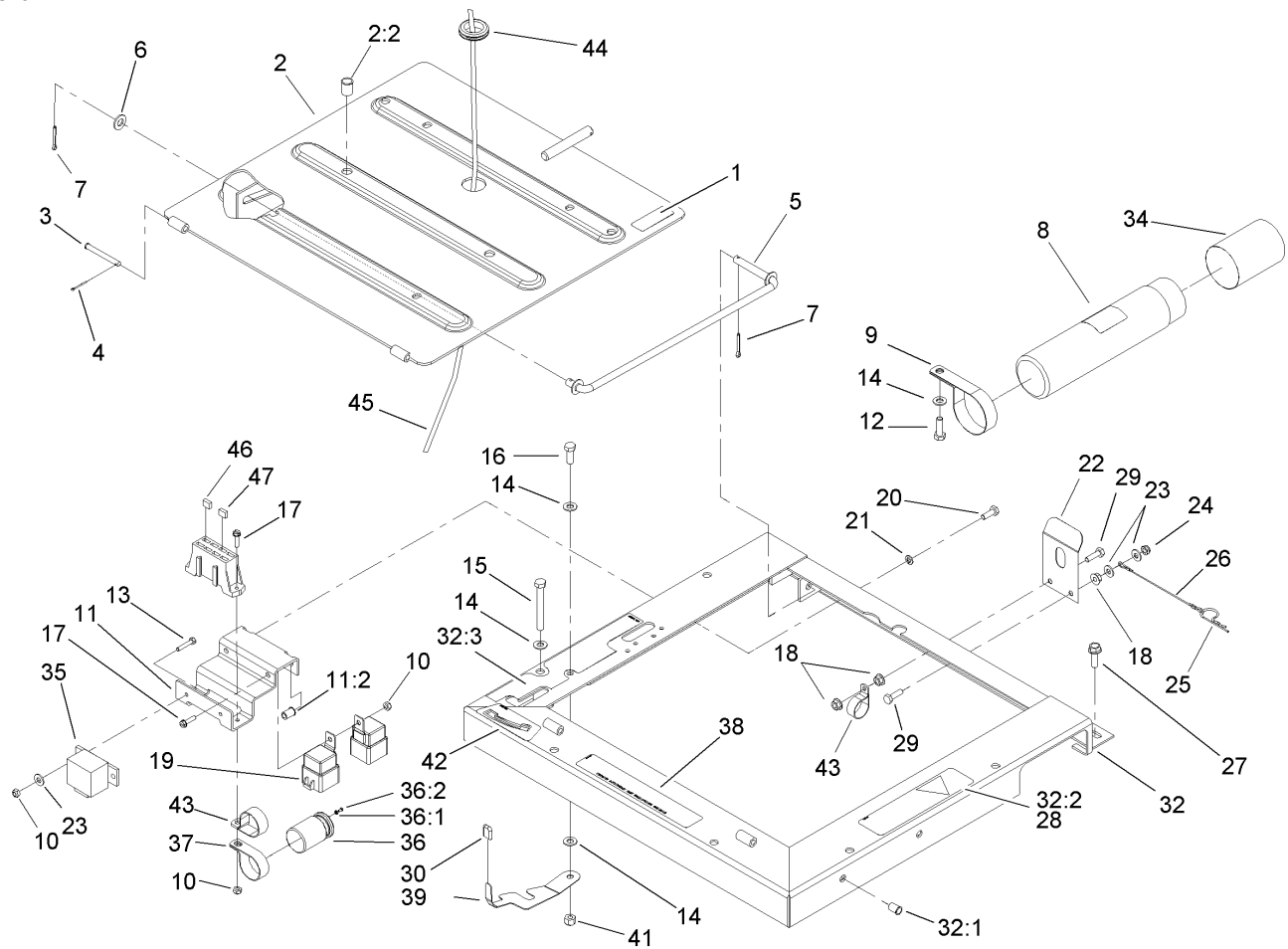
Transmission Interlock Assembly

Ref	Part No.	Qty.	Description				
1	3296-29	3	Nut-Lock, NI				
2	321-4	2	Screw-HH				
3	3296-42	4	Nut-Lock, NI				
4	3256-23	2	Washer-Flat				
6	46-8810	1	Stop-Leaf Spring				
7	29-6170	1	Extended Leaf Spring ASM				
8	251-259	1	Bearing-Ball				
9	322-17	1	Screw-HH				
10	29-6150	1	Spring-Leaf				
11	29-9790-03	1	Pump Lever ASM				
12	321-9	2	Screw-HH				
13	52-9070	1	Plate-Pump				
14	52-8890-03	1	Mounting Bracket ASM				
15	29-6163	1	Switch-Micro				
16	32105-21	2	Screw-HH				
17	3230-2	2	Bolt-CARR				
18	51-3150	1	Shim-Spring Arm				
19	3210-7	1	Screw-HH				
20	3219-2	1	Nut-Hex				
22	3296-9	2	Nut-Lock, NI				



Roll-Over-Protection-System Assembly

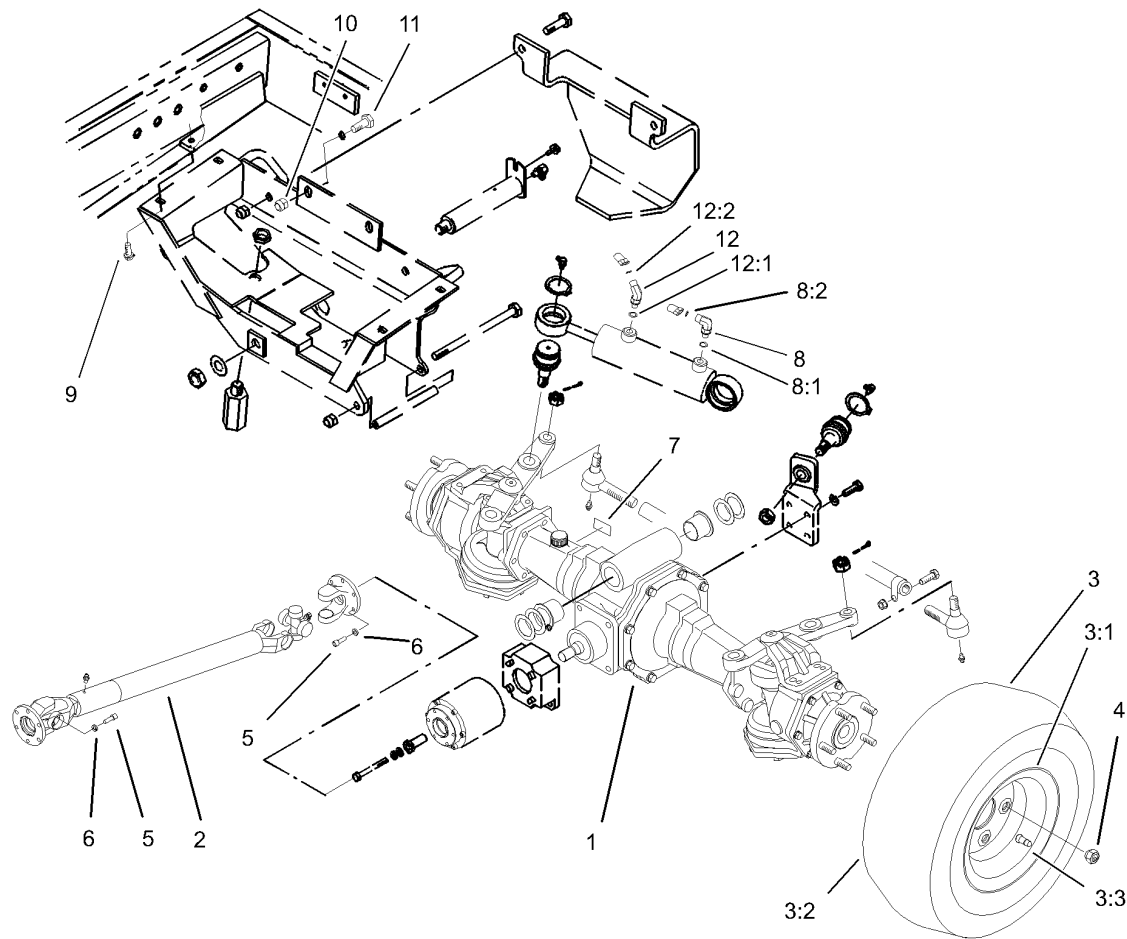
Ref	Part No.	Qty.	Description				
1	100-6579-03	1	Roll Bar ASM				
2	3212-4	2	Screw-HH				
3	32128-23	4	Nut-HF				
4	324-4	4	Screw-HH				
5	325-9	2	Screw-HH				
6	3253-6	2	Washer-Lock				
7	3256-25	2	Washer-Flat				
8	3296-48	4	Nut-Lock, NI				
9	41-8440	8	Washer				
10	72-9390	1	Belt-Seat				
11	92-5515	2	Mount-Strap, Tether				
13	92-5521	2	Strap-Tether				
14	325-17	2	Screw-HH				



Seat Frame Assembly

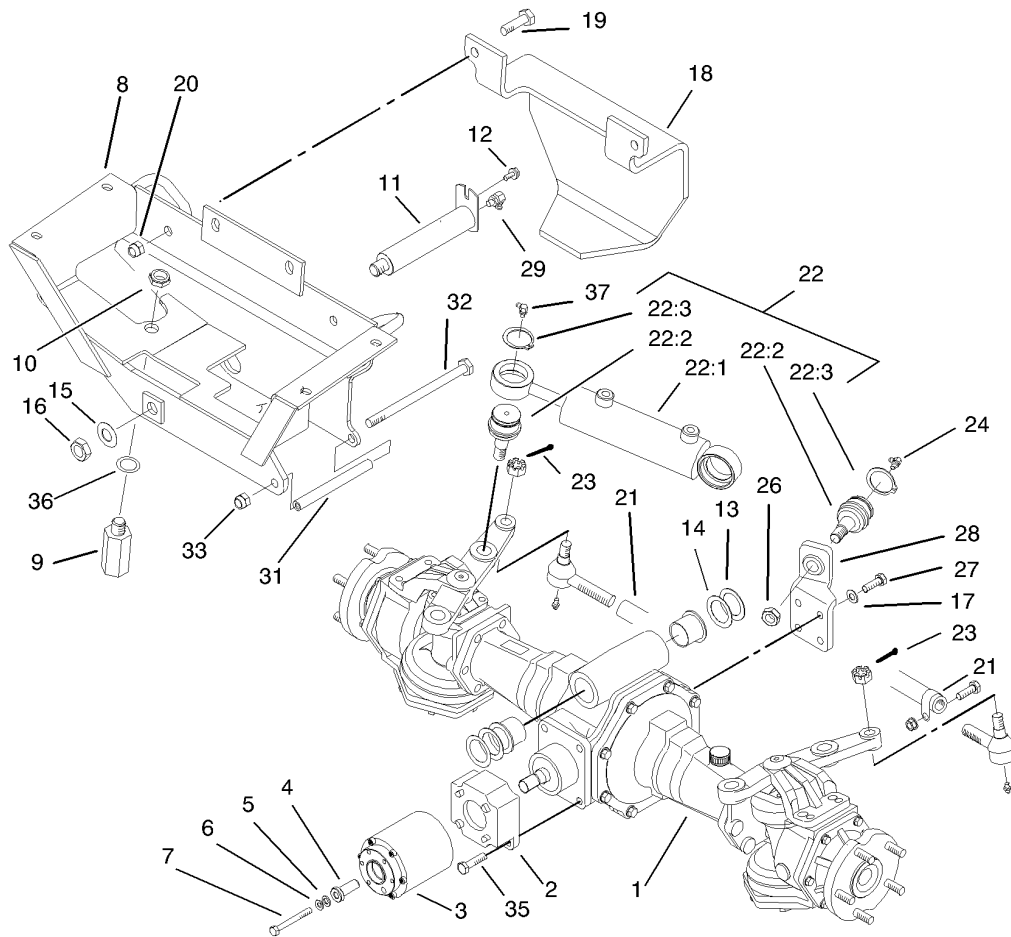
Ref	Part No.	Qty.	Description
1	93-6680	1	Decal-Diesel
2	92-5759	1	Plate-Seat
2:2	32148-9	2	Insert-Nut
3	283-49	2	Pin-Clevis
4	3272-4	2	Pin-Cotter
5	66-2800-03	1	Rod-Support ASM
6	3256-24	1	Washer-Flat
7	3272-11	2	Pin-Cotter
8	104-7050	1	Housing-Manual
9	2412-133	2	R-Clamp
10	3296-12	6	Nut-Lock
11	105-0036	1	Fuse Block Bracket ASM
11:2	32148-6	2	Insert-Nut
12	322-5	2	Screw-HH
13	32105-12	2	Screw
14	3256-23	10	Washer-Flat
15	322-13	6	Screw-HH
16	322-4	1	Screw-HH
17	32105-13	4	Screw-SHH
18	32128-33	3	Nut-HF
19	70-1480	4	Relay
20	321-4	2	Screw-HH
21	3253-3	2	Washer-Lock
22	66-2630	1	Latch-Seat

Ref	Part No.	Qty.	Description
23	3256-22	3	Washer-Flat
24	3296-56	1	Nut-Lock, NI
25	3290-255	1	Pin-Cotter, Hair
26	28-8070	1	Lanyard
27	3234-17	2	Screw-HHF
28	93-7841	1	Decal-Warning, Global
28	67-1710	1	Decal-Warning
29	321-5	2	Screw-HH
30	100-6576	1	Grip-Handle
32	92-8877	1	Seat Frame ASM
32:1	32148-6	4	Insert-Nut
32:2	67-1710	1	Decal-Warning
32:3	93-7833	1	Decal-Throttle And Lift Control
34	104-7048	1	Cap-Housing
35	66-8800	1	Relay
36	37-2690	1	Capacitor
36:1	3252-18	2	Screw
36:2	3254-1	2	Washer-Lock, Int
37	2412-74	1	R-Clamp
38	105-2511	1	Decal-Instructions, Starting (Global)
38	105-2509	1	Decal-Instructions, Starting
39	100-6551	1	Latch-Spring
41	3296-29	1	Nut-Lock, NI



4 WD Rear Axle Assembly

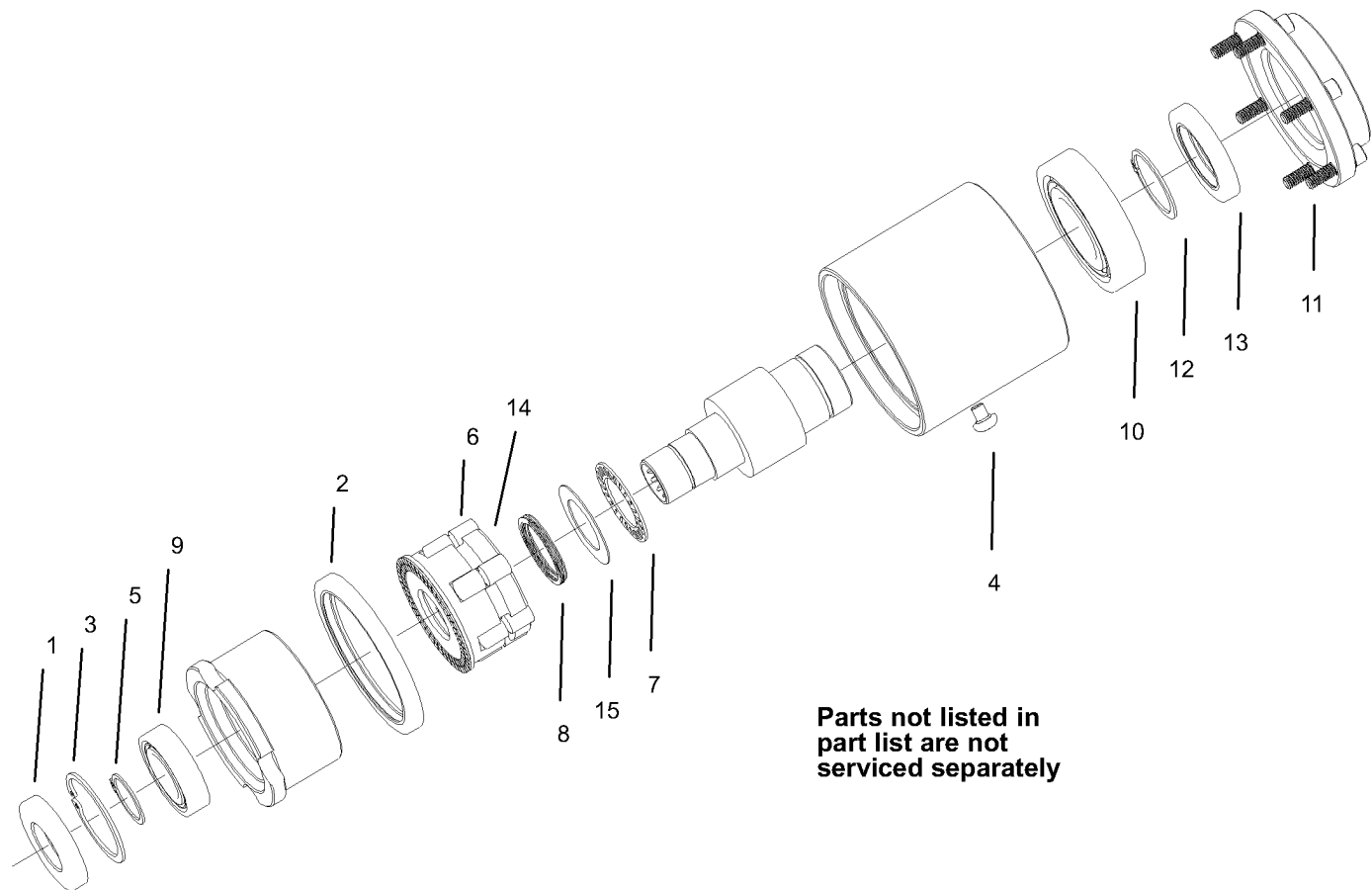
Ref	Part No.	Qty.	Description				
1		1	Rear Axle ASM				
2	98-5009	1	Driveshaft ASM				
3		2	Tire & Wheel ASM				
3:1	105-7846	1	Wheel				
3:2	231-122	1	Tire				
3:3	232-27	1	Stem-Valve				
4	93-5268	10	Nut-Lug				
5	3274-64	12	Screw-HSH				
6	3253-3	12	Washer-Lock				
7	93-6697	1	Decal-Lube				
8	340-132	1	Fitting-Hyd, 90 DEG				
8:1	237-78	1	O-Ring				
8:2	237-21	1	O-Ring				
9	3234-25	4	Screw-HHF				
10	3296-25	2	Nut-Lock, NI				
11	325-5	2	Screw-HH				
12	340-103	1	Fitting-Hyd, 45 DEG				
12:1	237-78	1	O-Ring				
12:2	237-21	1	O-Ring				



Rear Axle Assembly

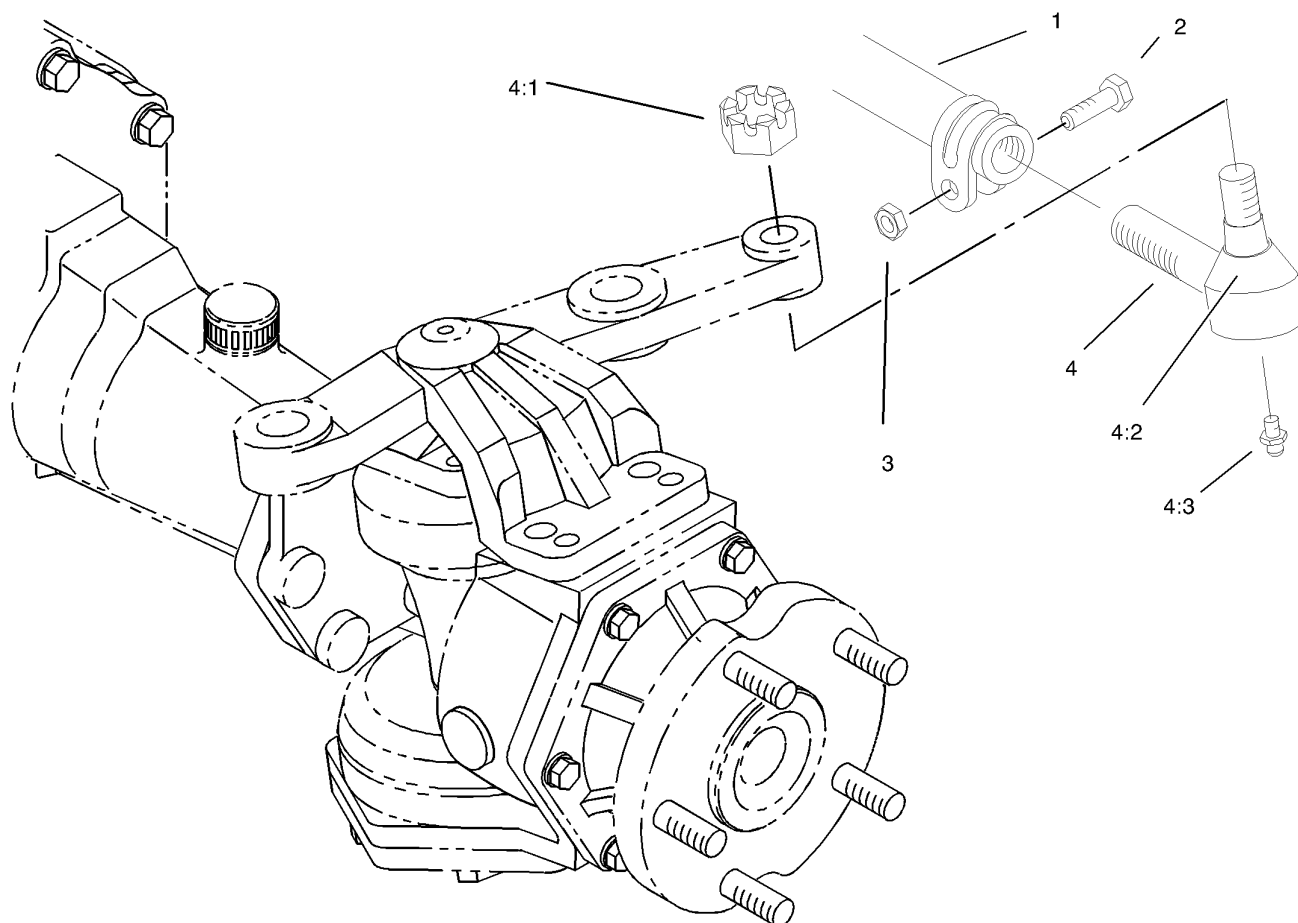
Ref	Part No.	Qty.	Description
1	95-7501	1	Rear Axle ASM
2	98-3860-03	1	Adaptor-Locator, Clutch
3	95-6296	1	Clutch-Bidirectional
4	99-8436	1	Spacer-Clutch
5	33094-00	1	Washer-Flat
6	3253-4	1	Washer-Lock
7	33114-070	1	Screw-HH
8	105-4295-03	1	Axle Support ASM
9	98-3863	1	Stop-Oscillation
10	3296-15	1	Nut-Lock, NI
11	99-8434-03	1	Rear Axle Pin ASM
12	32144-14	1	Screw-HWH
13	99-8431	1	Washer-Thrust
14	99-8432	1	Washer-Thrust
15	71-4540	1	Washer-Thrust
16	32146-20	1	Nut-Jam
17	48-9220	4	Washer
18	99-2405	1	Bumper-Rear
19	325-5	2	Screw-HH
20	3296-25	2	Nut-Lock, NI
21	98-3871	1	Tie Rod ASM
22		1	Steering Cylinder ASM
22:1	99-2415	1	Cylinder-Hydraulic
22:2	106-6774	2	Joint-Ball

Ref	Part No.	Qty.	Description
22:3	32151-104	2	Ring-Retaining, External
23	3272-11	2	Pin-Cotter
24	302-11	1	Fitting-Lube, 45 DEG
26	3220-6	4	Nut-Jam
27	95-8812	4	Screw-HH
28	98-3862-03	1	Bracket-Support, Cylinder
29	302-33	1	Fitting-Grease
31	99-2404-03	1	Stop-Rear Axle, LH
32	325-36	1	Screw-HH
33	3296-23	1	Nut-Lock, NI
35	87-3700	2	Screw-Cap, HH
36	3256-28	1	Washer-Flat
37	302-5	1	Fitting-Grease



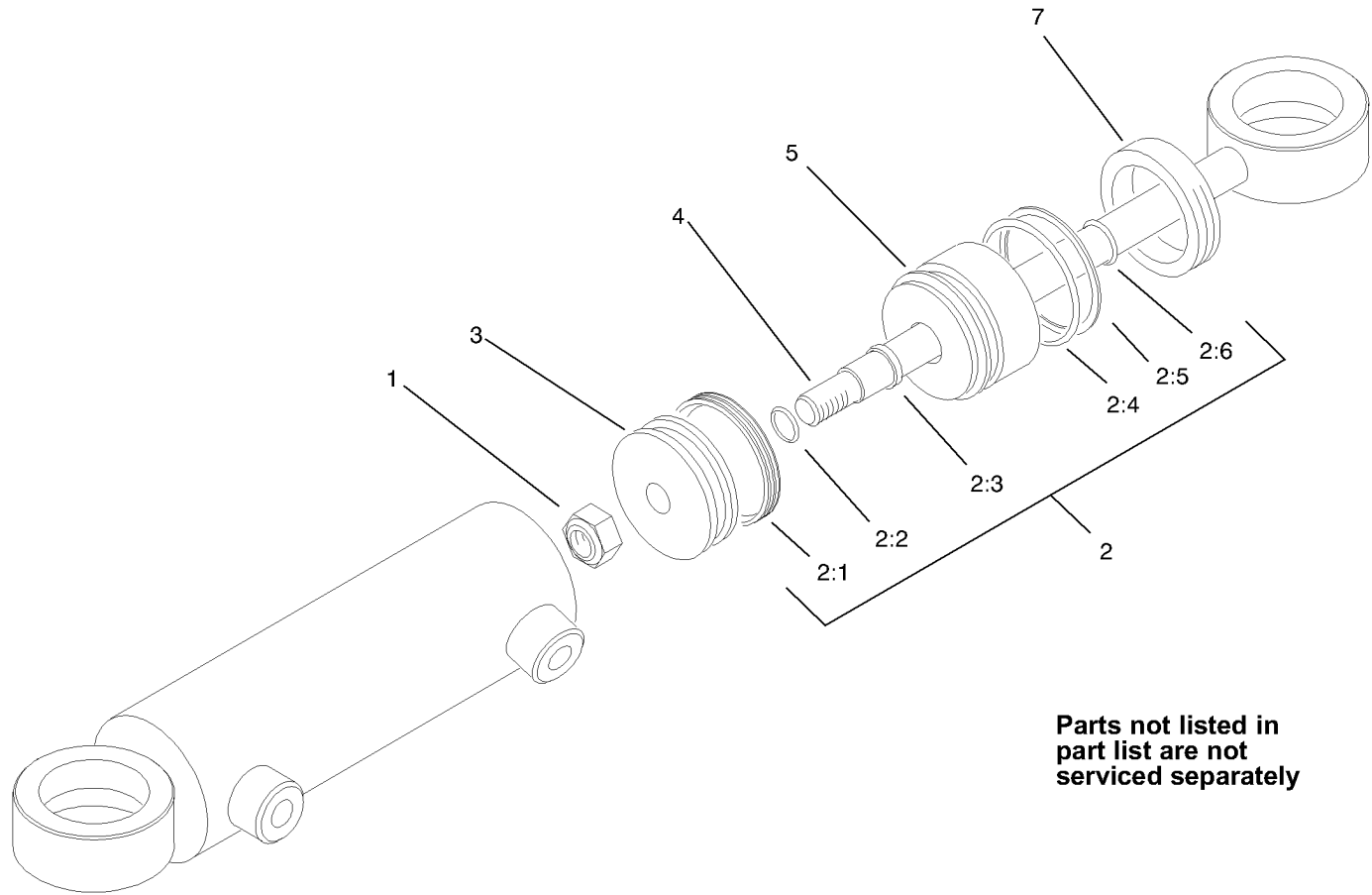
Bi-Directional Clutch Assembly No. 95-6296

Ref	Part No.	Qty.	Description				
1	100-6589	1	Seal-Oil				
2	100-6593	1	Seal-Oil				
3	32151-75	1	Ring-Retaining				
4	100-6596	1	Screw-PPH				
5	100-6597	1	Ring-Snap, External				
6	93-8925	6	Roller				
7	93-8919	1	Bearing-Needle, Thrust				
8	93-8923	1	Spring-Wave				
9	99-2902	1	Bearing				
10	92-9705	1	Bearing				
11	3245-6	6	Screw-HSH				
12	32120-84	1	Ring-Snap, External				
13	71-6790	1	Seal-Oil				
14	100-2568	1	Roll Cage ASM				
15	93-8929	1	Washer-Thrust				



Tie Rod Assembly No. 98-3871

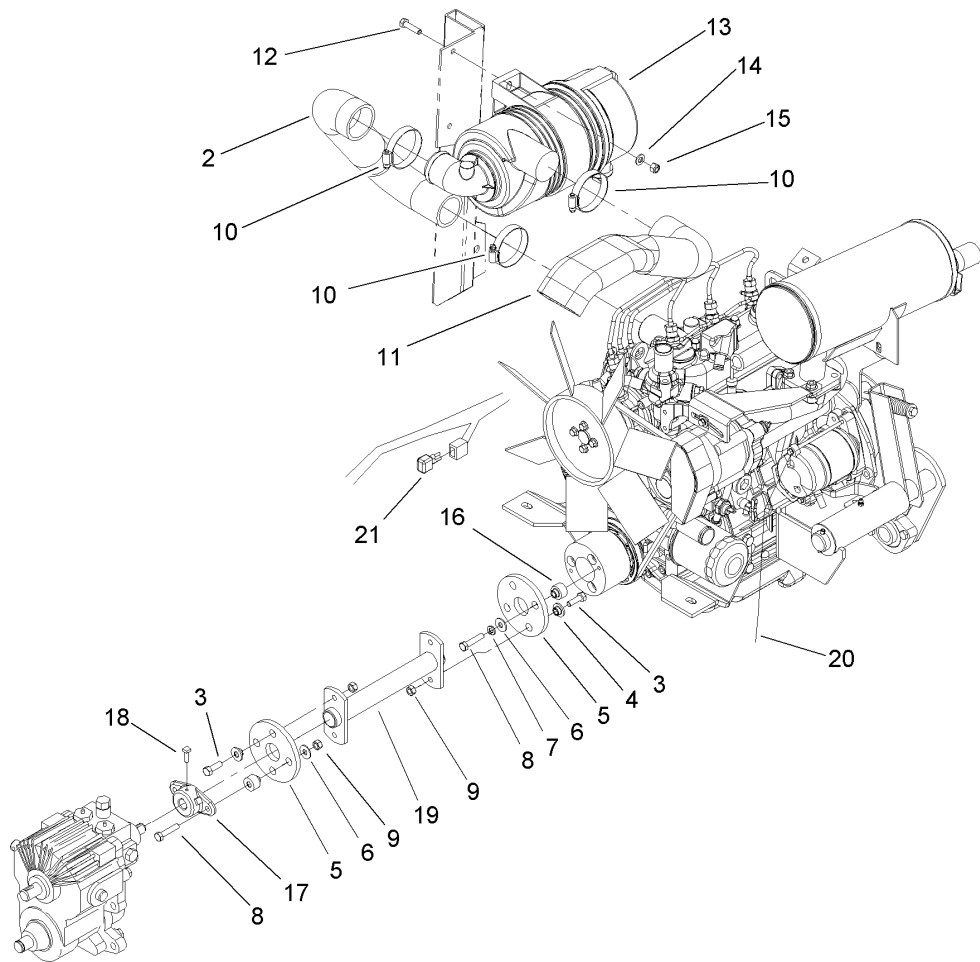
Ref	Part No.	Qty.	Description
1	99-2412-03	1	Rod And Clamp ASM
2	323-9	2	Screw-HH
3	3296-39	2	Nut-Lock, NI
4	71-4740	2	End-Rod, Tie
4:1	105-7941	1	Nut-Hex, Slotted
4:2	105-7835	1	Seal
4:3	302-5	1	Fitting-Grease



Cylinder Assembly No. 99-2415

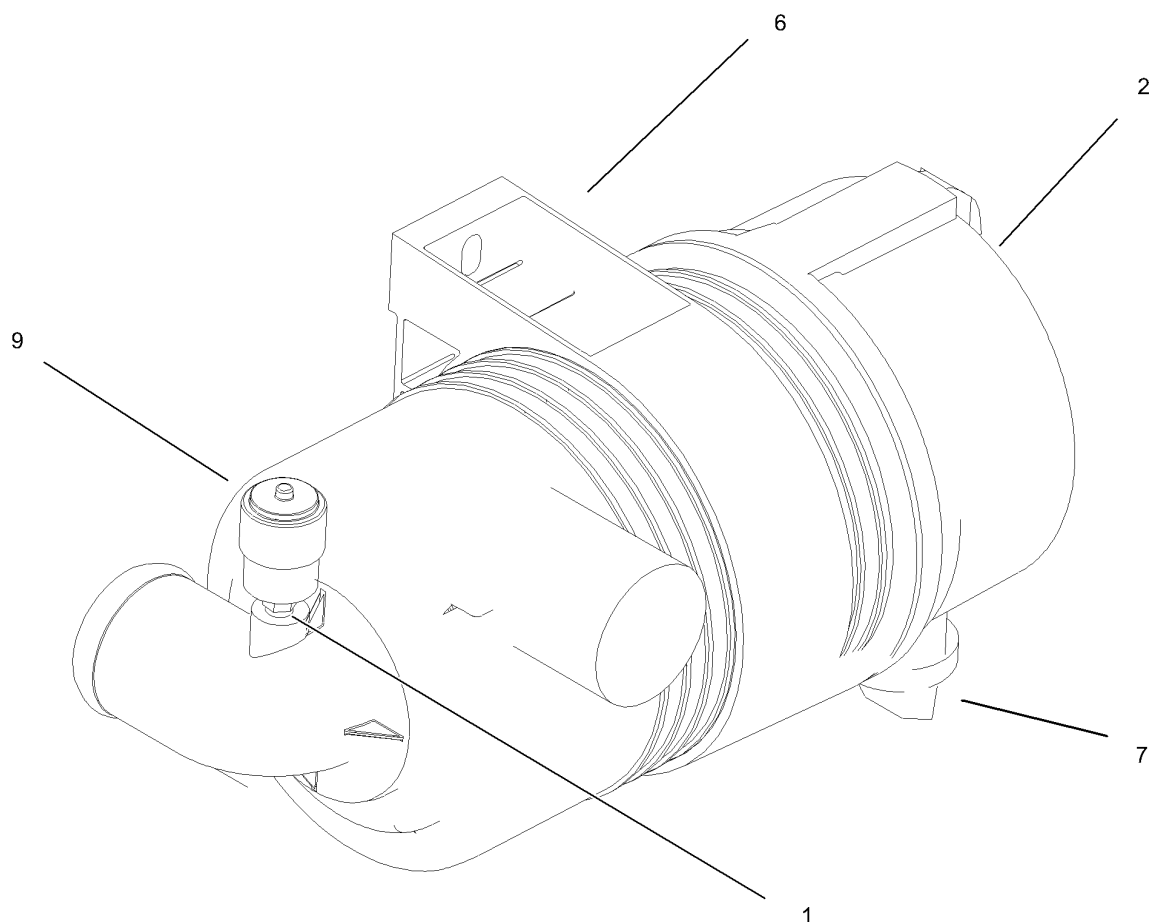
Ref	Part No.	Qty.	Description				
1	32152-10	1	Locknut				
2	86-5390	1	Seal Repair Kit				
2:1		1	Uniring				
2:2		1	O-Ring				
2:3		1	Seal-Rod				
2:4		1	O-Ring				
2:5		1	Ring-Backup				
2:6		1	O-Ring				
3		1	Piston				
4		1	Rod				
5		1	Head				
7		1	Collar-Internal				

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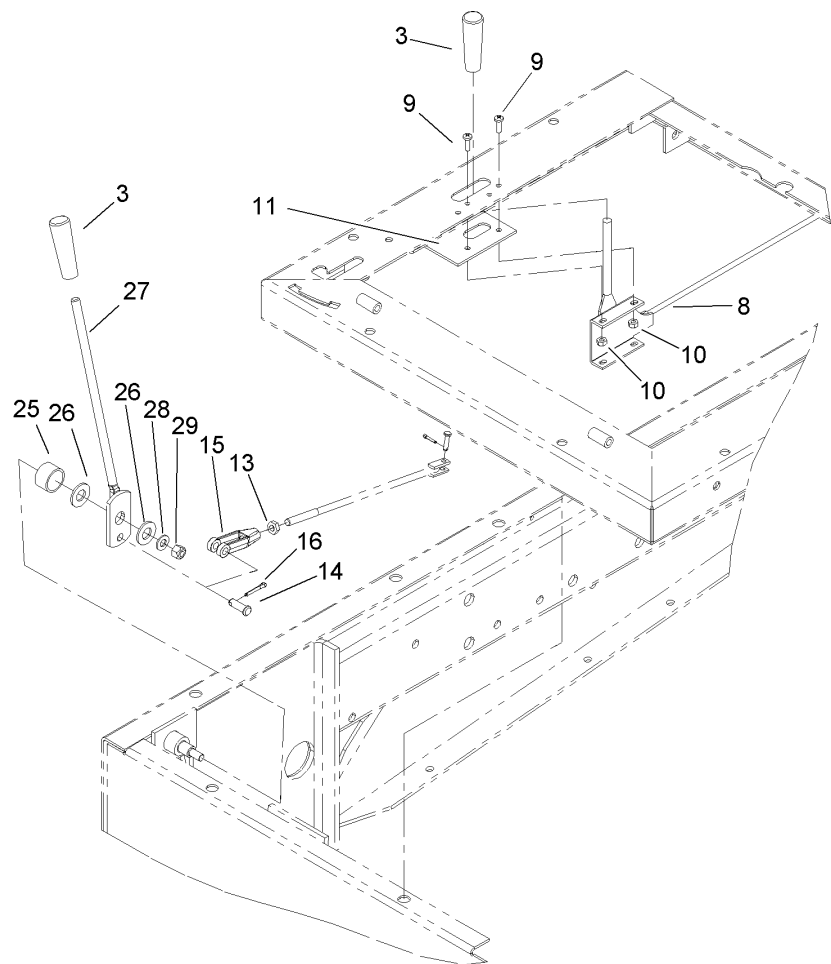
Engine Installation and Drive Coupling Assembly

Ref	Part No.	Qty.	Description				
2	104-3446	1	Hose-Outlet, Air				
3	3210-5	4	Screw-HH				
4	27-6600	4	Spacer-Coupling				
5	44-2230	2	Coupling-Rubber				
6	3256-71	4	Washer-Flat				
7	42-9850	2	Washer-Lock, Spring				
8	3210-8	4	Screw-HH				
9	32152-5	6	Nut-Conelock				
10	2412-42	3	Clamp-Hose				
11	104-3444	1	Hose-Inlet, Air				
12	322-6	2	Screw-HH				
13	104-3427	1	Air Cleaner ASM				
14	3256-23	2	Washer-Flat				
15	3296-29	2	Nut-Lock, NI				
16	27-6590	4	Spacer-Coupling, Rubber				
17	27-4370	1	Hub-Pump				
18	3241-6	2	Screw-SQH				
19	104-3401-03	1	Drive Shaft ASM				
20	99-3441	1	Harness-Wire, Fusible Link				
21	100-4918	3	Diode				



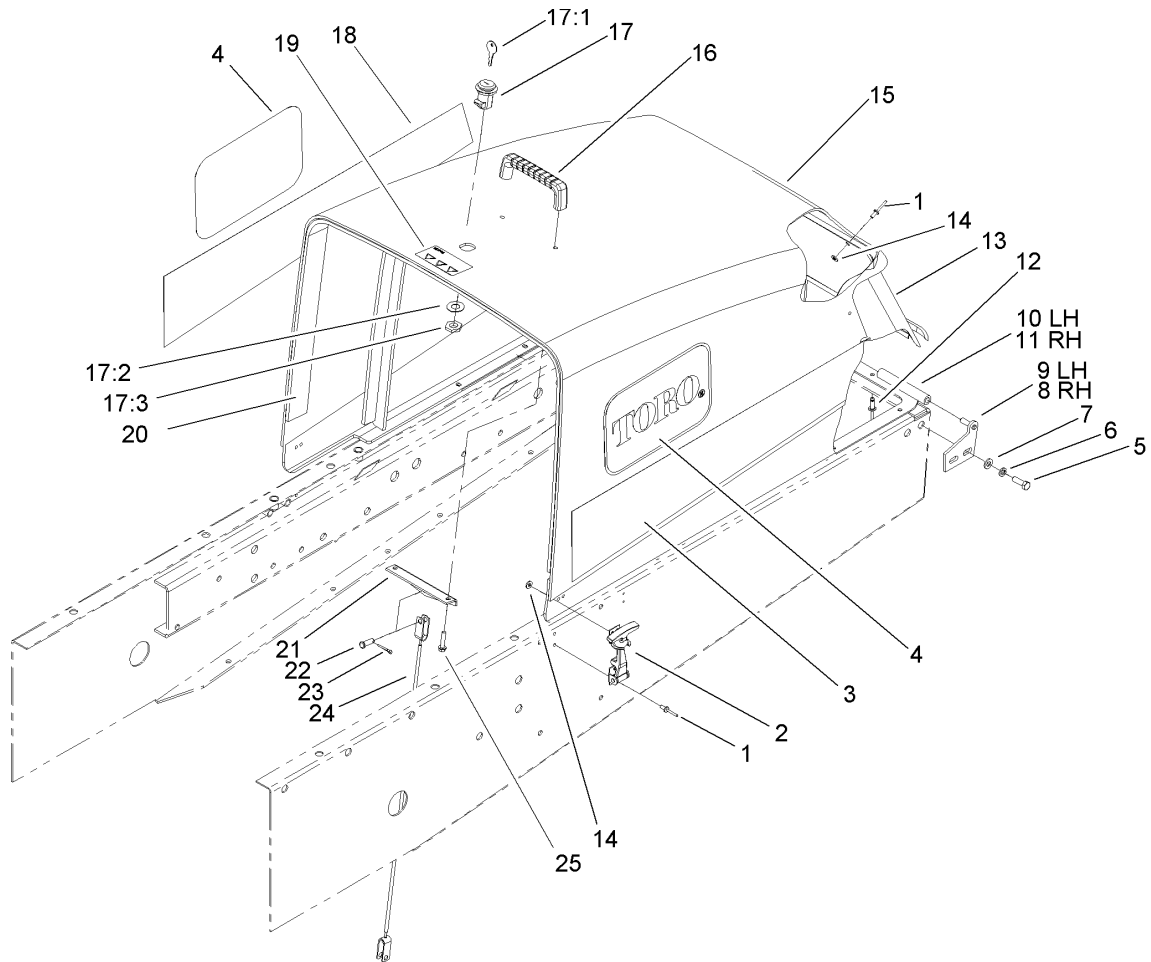
Air Cleaner Assembly No. 104-3427

Ref	Part No.	Qty.	Description				
1	105-4292	1	Nipple-Pipe				
2	104-0497	1	Cover ASM				
6	98-4525	1	Bracket-Cleaner, Air				
7	104-0498	1	Valve-Vacuator				
8	98-9763	1	Element ASM				
9	93-9164	1	Indicator-Mini				



Throttle and Lift Lever Assembly

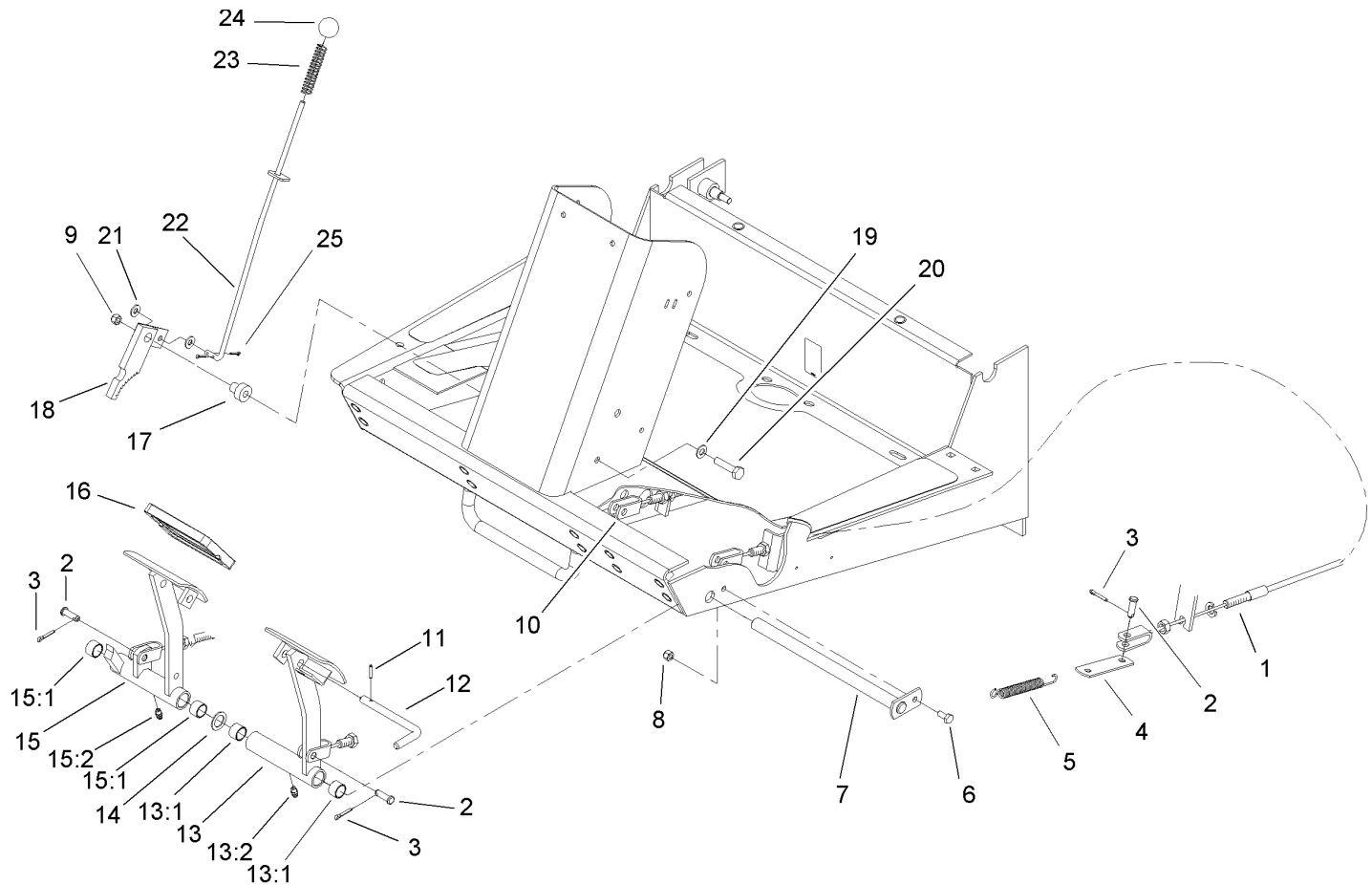
Ref	Part No.	Qty.	Description				
3	233-39	2	Knob-Control				
8	107-2906	1	Cable-Throttle				
9	3290-500	2	Screw-PPH				
10	3296-2	2	Nut-Lock				
11	107-9058-03	1	Plate-Throttle Lever				
13	3220-2	1	Nut				
14	283-58	1	Pin-Clevis				
15	282-27	1	Clevis-Adj				
16	3272-10	1	Pin-Cotter				
25	70-7530	1	Spring-Compression				
26	3256-26	2	Washer-Flat				
27	66-2720-03	1	Valve Lever ASM				
28	3256-23	1	Washer-Flat				
29	3296-29	1	Nut-Lock, NI				



Hood Assembly

Ref	Part No.	Qty.	Description
1	3269-4	18	Rivet-Pop
2	95-6339	2	Latch
3	106-4393	1	Decal-LH
4	66-6140	2	Decal
5	322-5	4	Screw-HH
6	3253-4	4	Washer-Lock
7	3256-23	4	Washer-Flat
8	105-0003-01	1	RH Hinge Pin ASM
9	105-0004-01	1	LH Hinge Pin ASM
10	105-4278-03	1	LH Hood Hinge ASM
11	105-4277-03	1	RH Hood Hinge ASM
12	3290-412	12	Rivet
13	105-0006-03	1	Screen-Hood
14	3256-14	14	Washer-Flat
15	104-3485	1	Hood
16	65-5100	1	Handle-Door
17	98-9315	1	Latch-Locking
17:1	99-8350	2	Key-Latch, Locking
17:2		1	Washer-Switch
17:3		1	Nut-Switch
18	106-4392	1	Decal-RH
19	106-6754	1	Decal-Danger
20	105-3651	1	Strip-Foam
21	105-0088-03	1	Bracket-Cable, Hood

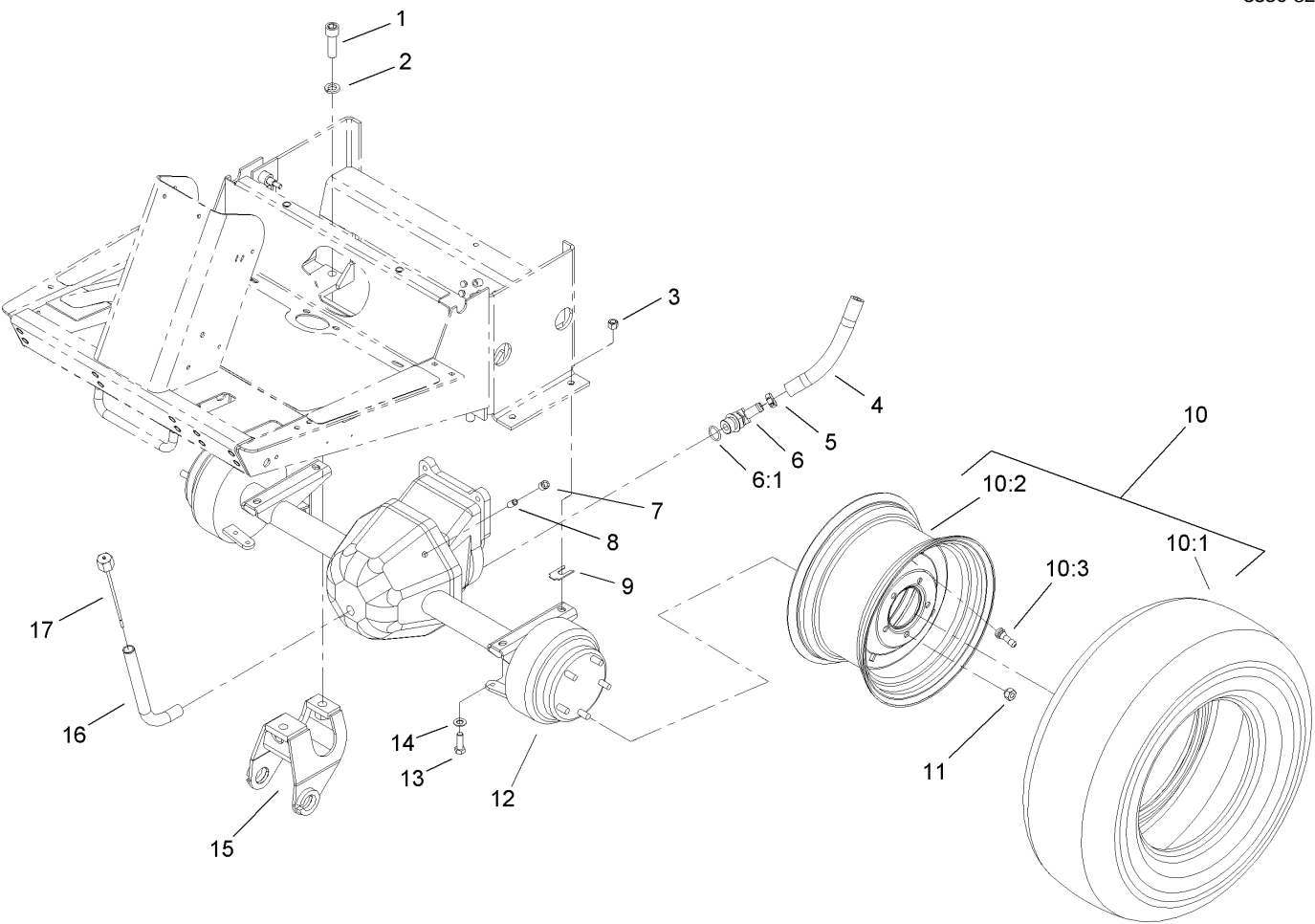
Ref	Part No.	Qty.	Description
22	283-58	2	Pin-Clevis
23	3272-10	2	Pin-Cotter
24	105-3650	1	Cable-Hood
25	46-8092	2	Screw-Plastite



Brake Pedal Assembly

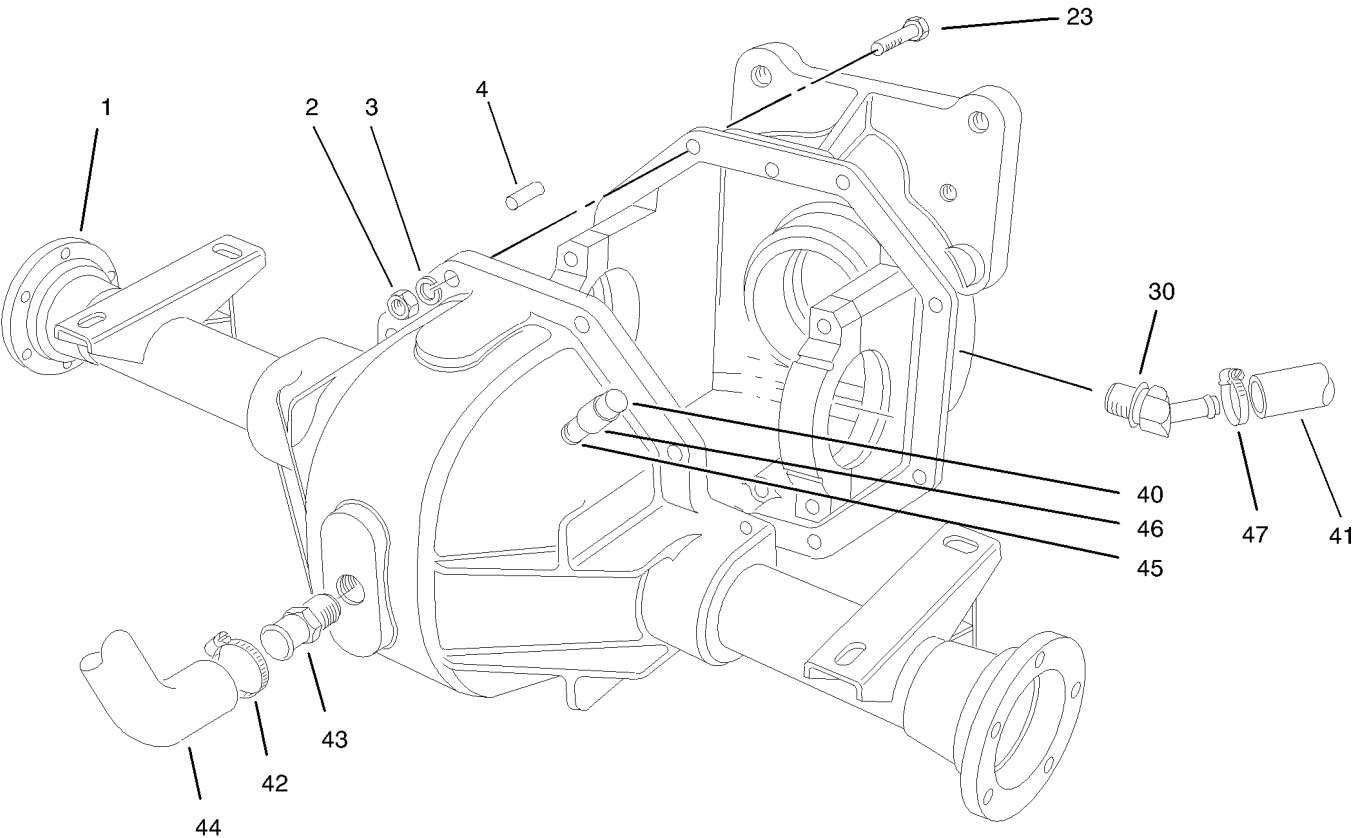
Ref	Part No.	Qty.	Description
1	63-7731	1	Cable-Brake
2	283-58	4	Pin-Clevis
3	3272-10	4	Pin-Cotter
4	63-6750	2	Link-Cable, Brake
5	3-7243	2	Spring-Extension
6	321-3	1	Screw-HH
7	63-6210-03	1	Pin-Brake
8	3296-42	1	Nut-Lock, NI
9	104-8300	1	Nut-Flange, NI
10	63-7730	1	Cable-Brake
11	32121-50	1	Pin-Spring
12	63-7880	1	Pin-Latch, Brake
13	63-6180	1	Pedal-Brake, LH
13:1	256-42	2	Bushing
13:2	302-5	1	Fitting-Grease
14	3256-69	2	Washer-Flat
15	63-6190	1	Pedal-Brake, RH
15:1	256-42	2	Bushing
15:2	302-5	1	Fitting-Grease
16	93-8742	2	Footpad-Brake
17	105-7156	1	Spacer
18	63-7900-03	1	Rack ASM
19	3256-23	1	Washer-Flat
20	322-7	1	Screw-HH

Ref	Part No.	Qty.	Description
21	3256-22	2	Washer-Flat
22	105-7168	1	Rod ASM
23	71-8310	1	Spring-Compression
24	233-17	1	Knob
25	3272-5	2	Pin-Cotter



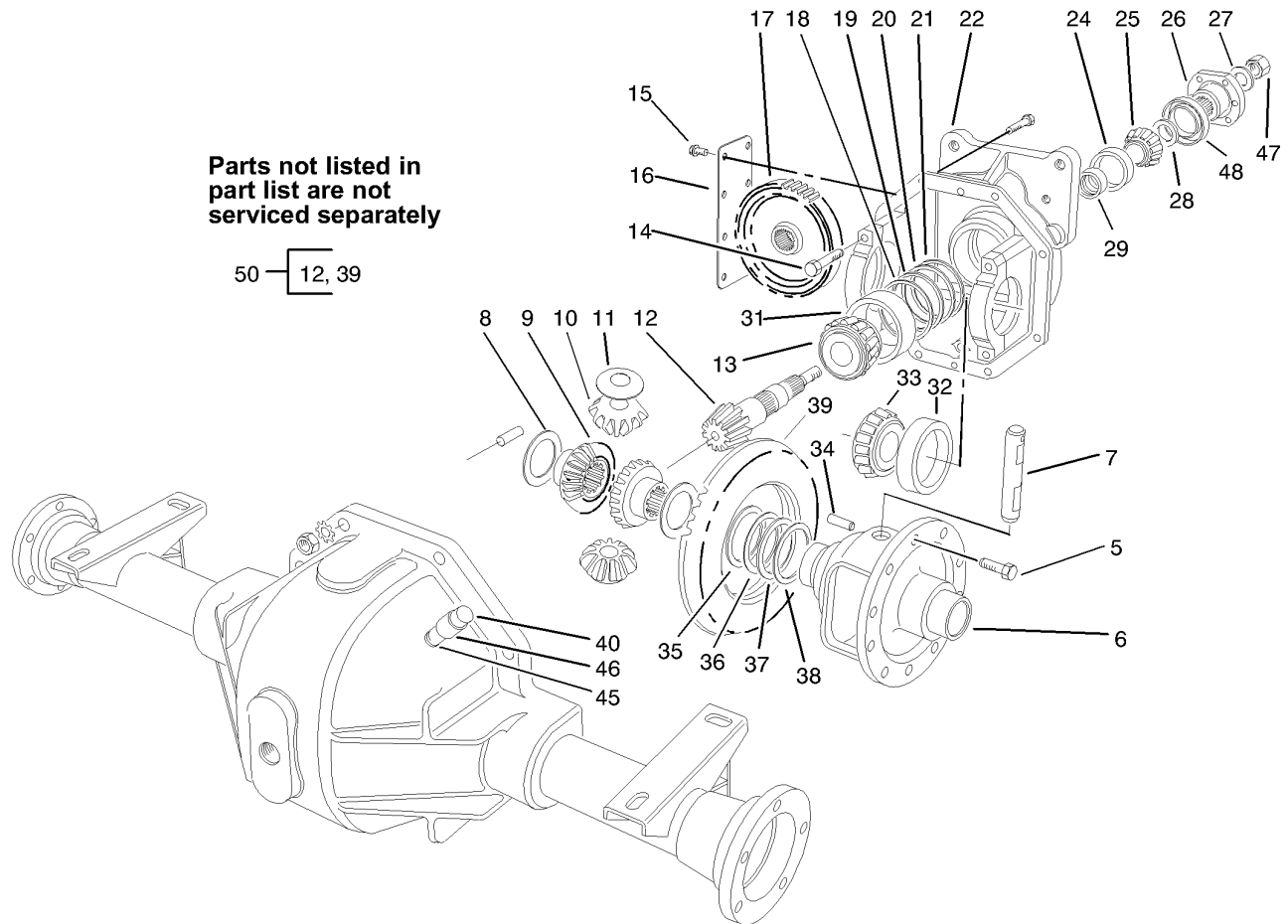
Front Axle Assembly

Ref	Part No.	Qty.	Description				
1	3273-38	4	Screw-HSH				
2	3253-8	4	Washer-Lock				
3	3296-48	4	Nut-Lock, NI				
4	92-5083	1	Hose-Hydraulic				
5	2412-34	1	Clamp-Hose				
6	92-5088	1	Fitting-Elbow-45				
6:1	237-81	1	O-Ring				
7	2810-1	1	Coupling-Pipe				
8	289-6	1	Nipple-Pipe				
9	42-6080	1	Shim-Axle				
2 10		2	Wheel & Tire ASM				
10:1	95-3348	1	Tire				
10:2	217-117	1	Wheel				
10:3	232-27	1	Stem-Valve				
11	23-7270	10	Nut-Wheel				
12	92-2377-03	1	Front Axle ASM				
13	324-5	4	Screw-HH				
14	3256-25	4	Washer-Flat				
15	98-2328-03	2	Bracket-Carrier ASM				
16	105-7169	1	Tube-Oil Fill				
17	105-7172	1	Dipstick ASM				



Differential Assembly

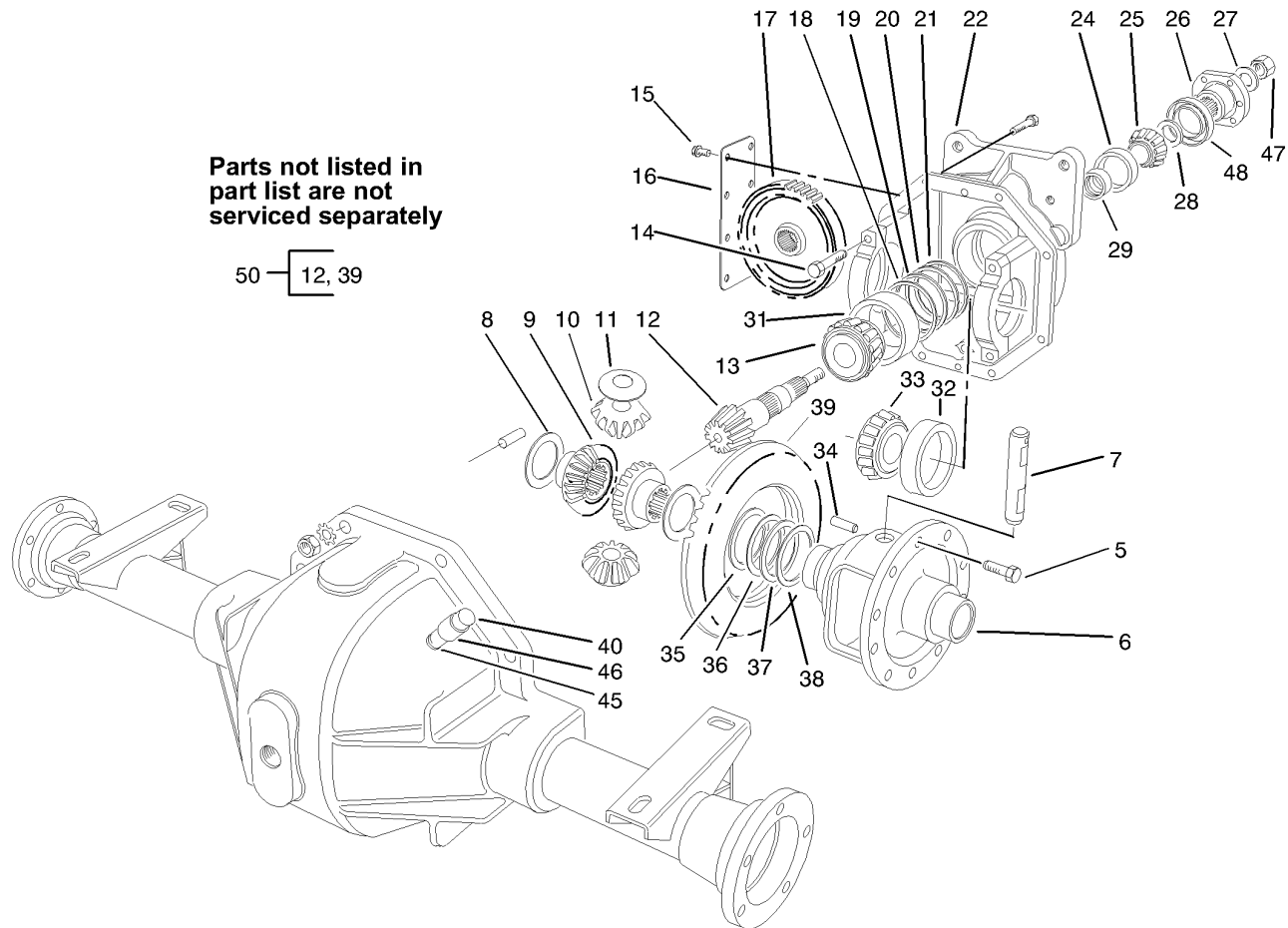
Ref	Part No.	Qty.	Description				
1	63-8090-03	1	Lower Housing ASM				
2	3219-2	8	Nut-Hex				
3	3255-8	8	Washer-Lock				
4	21-8270	2	Pin-Dowel				
23	3210-7	8	Screw-HH				
30	92-5088	1	Fitting-Elbow-45				
40	72-9420	1	Vent				
41	92-5083	1	Hose-Hydraulic				
42	2412-34	2	Clamp-Hose				
43	354-71	1	Fitting-Hyd, Barbed				
44	77-0550	1	Hose-Fill, Differential				
45	289-6	1	Nipple-Pipe				
46	2810-1	1	Coupling-Pipe				
47	2412-119	1	Clamp-Worm				



Differential Carrier Assembly No. 92-4907

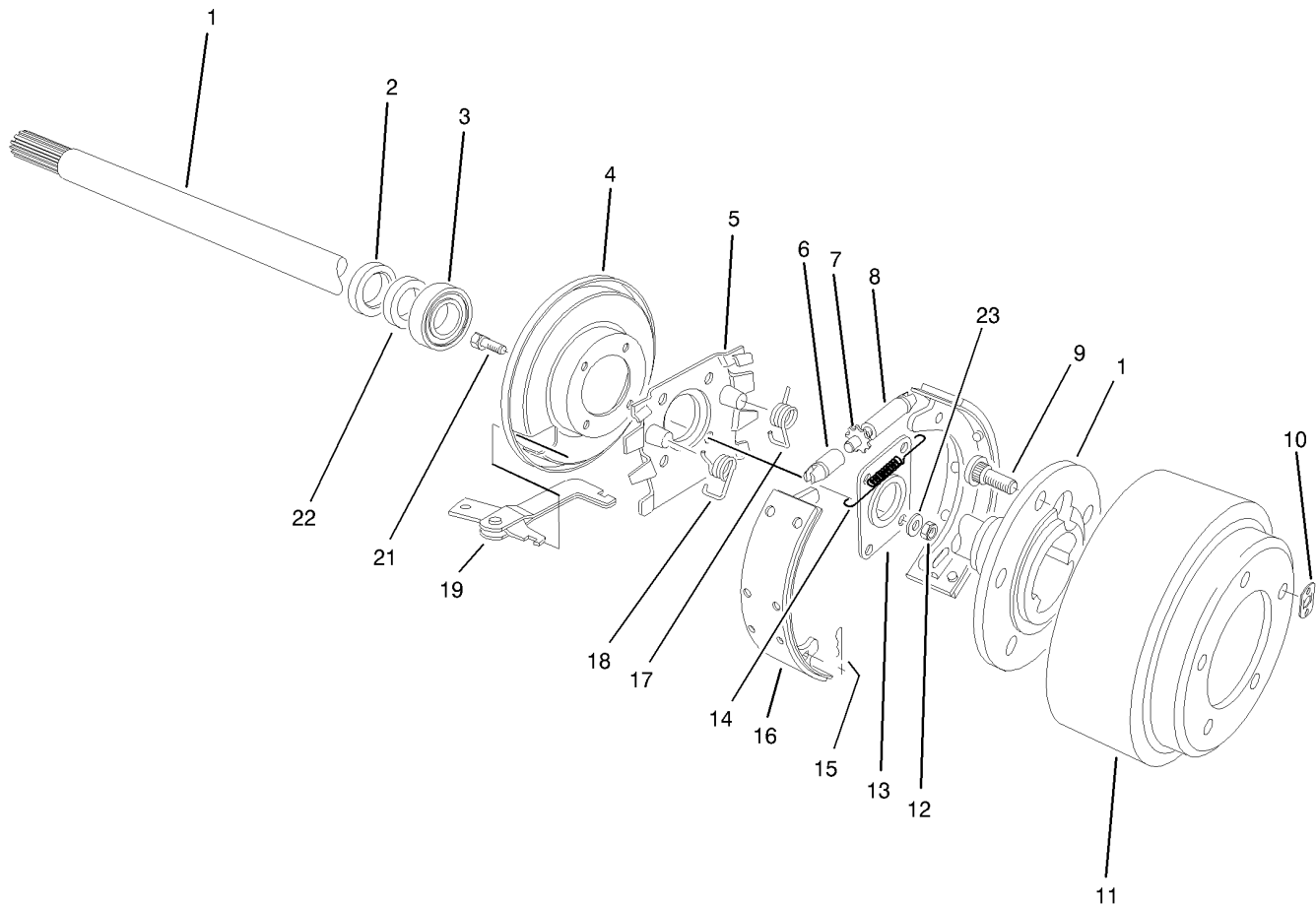
Ref	Part No.	Qty.	Description
5	21-7770	5	Screw-Gear, Drive
6	21-7670	1	Case-Differential
7	21-7700	1	Shaft-Mate, Pinion
8	21-7720	2	Washer-Thrust
9	24-8790	2	Gear-Differential
10	21-7690	2	Pinion-Differential
11	21-7730	2	Washer-Thrust, Pinion
12		1	Drive Pinion
13	43-6760	1	Bearing-Roller, Cone Taper
14	92-1773	4	Screw-HH
15	12-5450	8	Screw
16	21-7830	1	Cover-Gear
17	86-7230	1	Gear-Input, Transmission
18	43-6710	0	Shim
19	43-6711	0	Shim
20	43-6712	0	Shim
21	43-6713	0	Shim
22	86-7190	1	Asm-Upper Housing (Incl. Ref. #14)
24	254-90	1	Bearing-Cup
25	254-91	1	Cone-Bearing
26	68-7010	1	Flange
27	71-4340	1	Washer
28	72-3570	0	Shim-Bearing, Front

Ref	Part No.	Qty.	Description
	72-3571	0	Shim-Bearing, Front
	72-3572	0	Shim-Bearing, Front
	72-3573	0	Shim-Bearing, Front
	72-3574	0	Shim-Bearing, Front
	72-3575	0	Shim-Bearing, Front
	72-3576	0	Shim-Bearing, Front
	72-3577	0	Shim-Bearing, Front
	72-3578	0	Shim-Bearing, Front
	72-3580	0	Shim-Bearing, Front
	72-3581	0	Shim-Bearing, Front
	72-3583	0	Shim-Bearing, Front
	72-3584	0	Shim-Bearing, Front
	72-3585	0	Shim-Bearing, Front
	72-3586	0	Shim-Bearing, Front
	72-3587	0	Shim-Bearing, Front
	72-3588	0	Shim-Bearing, Front
	72-3582	0	Shim-Bearing, Front
28	72-3590	0	Shim-Bearing, Front
	72-3591	0	Shim-Bearing, Front
	72-3592	0	Shim-Bearing, Front
	72-3593	0	Shim-Bearing, Front
	72-3594	0	Shim-Bearing, Front
	72-3595	0	Shim-Bearing, Front
	72-3596	0	Shim-Bearing, Front



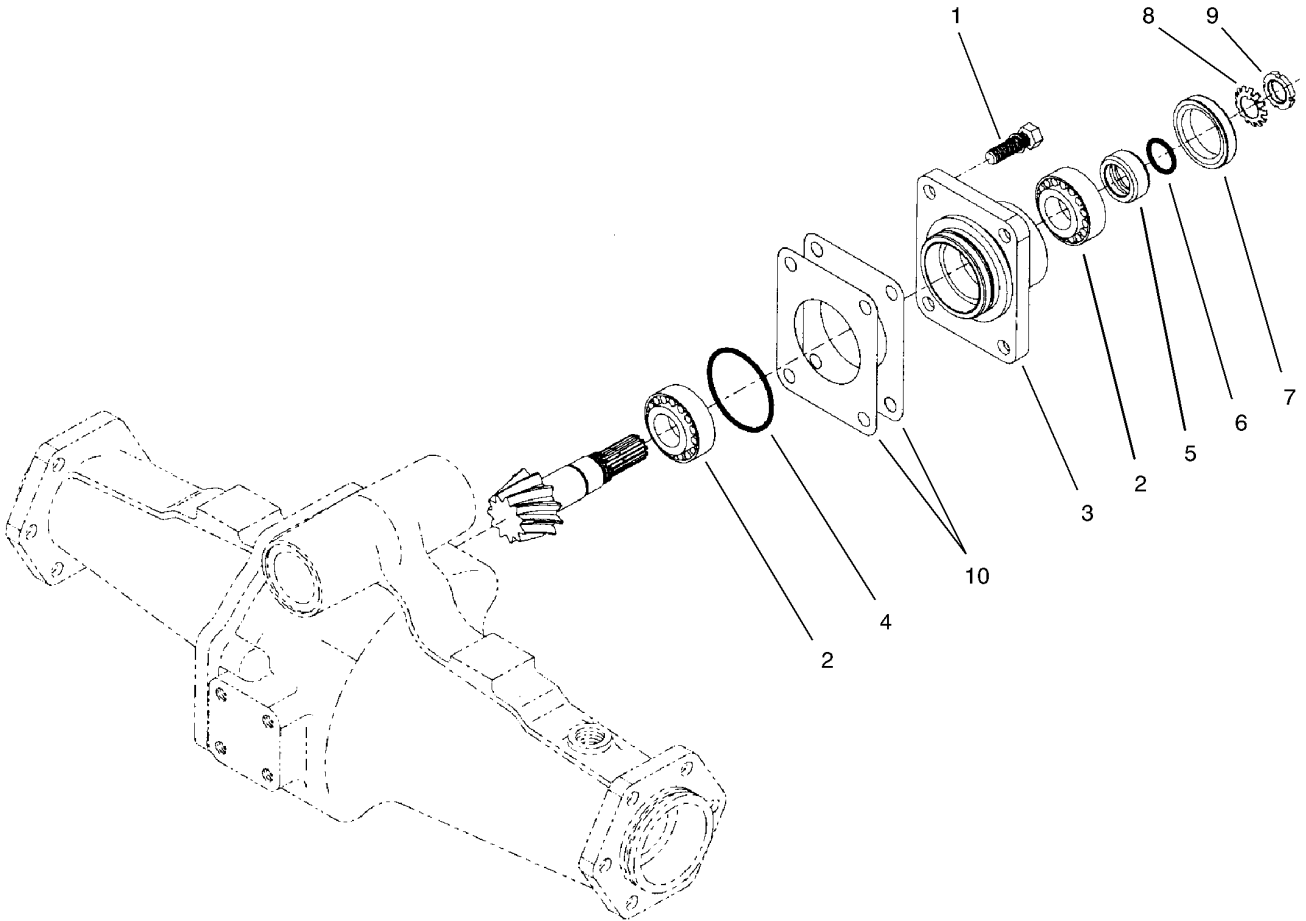
Differential Carrier Assembly No. 92-4907 (continued)

Ref	Part No.	Qty.	Description				
	72-3597	0	Shim-Bearing, Front				
	72-3598	0	Shim-Bearing, Front				
	72-3600	0	Shim-Bearing, Front				
29	21-8020	1	Spacer-Bearing				
31	43-6750	1	Bearing-Taper, Cup				
32	254-66	2	Cup-Bearing, Roller				
33	254-65	2	Cone-Bearing, Roller				
34	32121-15	1	Pin-Roll				
35	21-8090	0	Shim-Bearing, Diff. (.003)				
36	21-8100	0	Shim-Bearing, Diff. (.005)				
37	21-8110	0	Shim-Bearing, Diff. (.010)				
38	21-8120	0	Shim-Bearing, Diff. (.030)				
39		1	Gear-Ring				
47	71-4350	1	Nut				
48	71-4330	1	Seal				
50	92-1676	1	Gear And Pinion ASM				



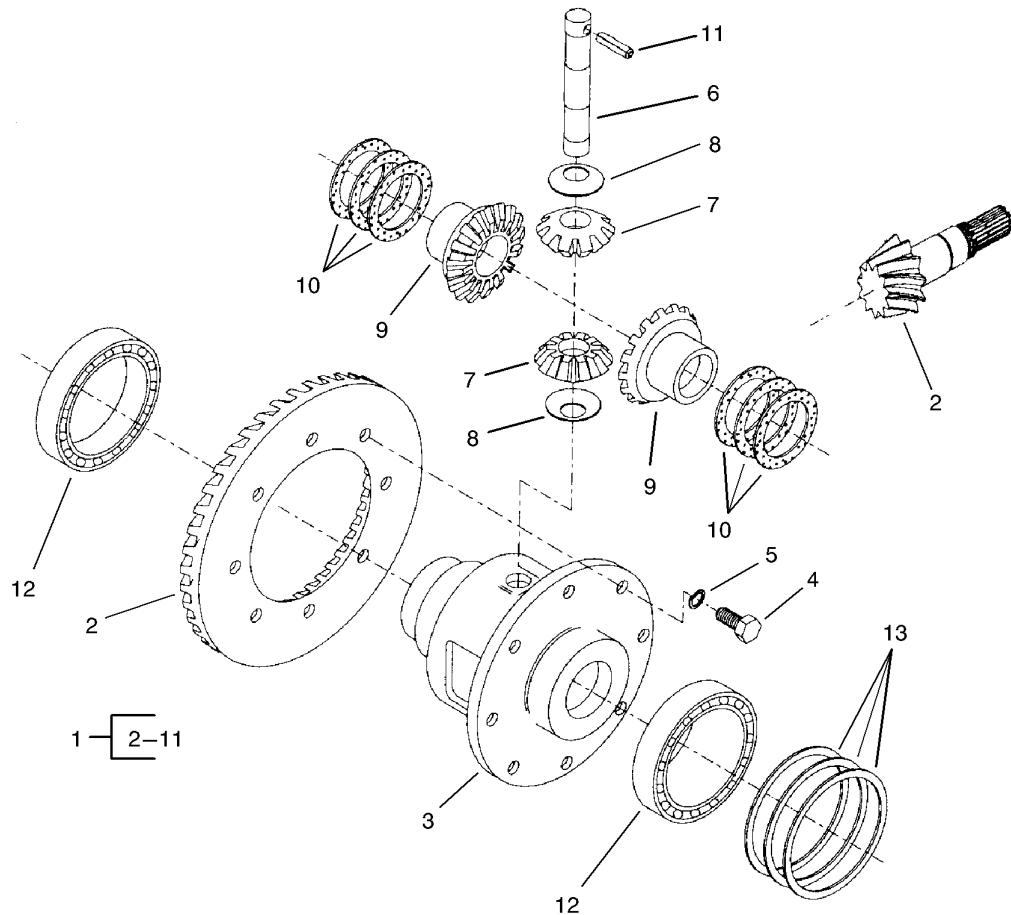
Brake Assembly

Ref	Part No.	Qty.	Description				
❶1	27-6851	1	Shaft-Flanged Axle, RH				
1	27-6861	1	Shaft-Flanged Axle, LH				
2	92-1774	2	Seal-Oil				
3	21-8180	2	Bearing ASM				
4	21-9450	2	Shield-Dust				
5	43-6810	2	Spider-Torque				
6	21-9390	2	Socket-Screw, Adjusting				
7	21-9370	2	Screw-Adjusting				
8	21-9380	2	Nut-Pivot				
9	242-34	10	Stud-Drive				
10	21-8360	2	Locknut				
11	28-0680	2	Drum-Brake				
12	94-6935	8	Locknut				
13	28-0670	2	Seal-Grease				
14	21-9440	2	Spring-Screw, Adjusting				
15	21-9460	4	Retainer-Lever, Brake				
16	84-8600	1	Set-Shoes, Lined				
17	21-9430	2	Spring-Return, RH				
18	21-9420	2	Spring-Return, LH				
19	24-9180	2	Strut And Lever ASM				
21	94-6934	8	Screw-Hh, Brake				
22	24-8840	2	Ring-Retaining, Wheel Bearing				
23	94-6936	8	Washer-Hardened				
❶24	92-8775	1	Liquid Gasket Kit				



Rear Axle Assembly No. 95-7501
Bevel Pinion Shaft Assembly

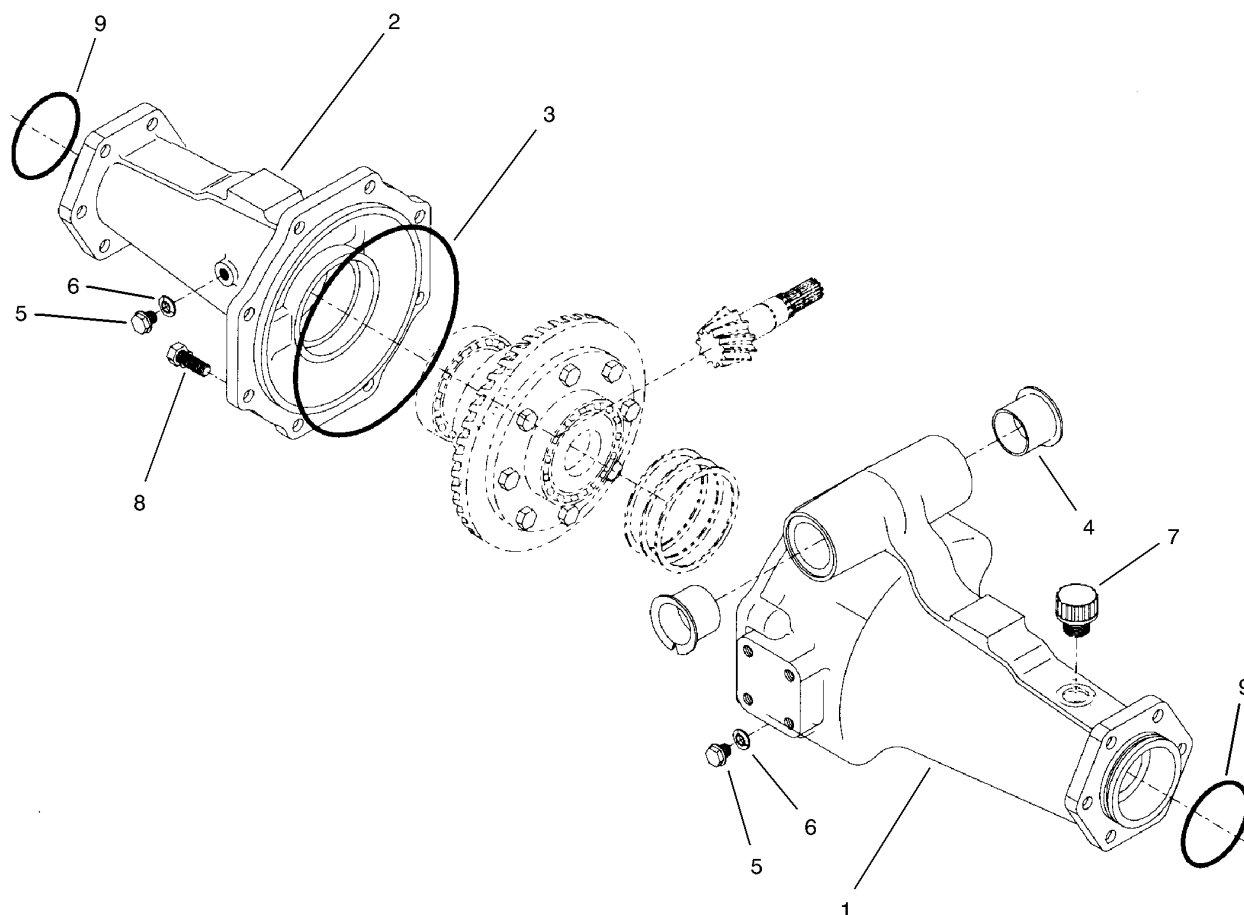
Ref	Part No.	Qty.	Description				
1	99-7575	4	Bolt				
2	99-7570	2	Bearing-Roller, Taper				
3	95-7535	1	Case-Bearing				
4	99-7571	1	O-Ring				
5	99-7572	1	Collar-Seal, Oil				
6	99-7573	1	O-Ring				
7	99-7574	1	Seal-Oil				
8	99-7559	1	Washer-Lock				
9	99-7560	1	Nut-Lock				
10	99-7550	2	Shim 0.1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



Differential Assembly

Rear Axle Assembly No. 95-7501 (Continued)

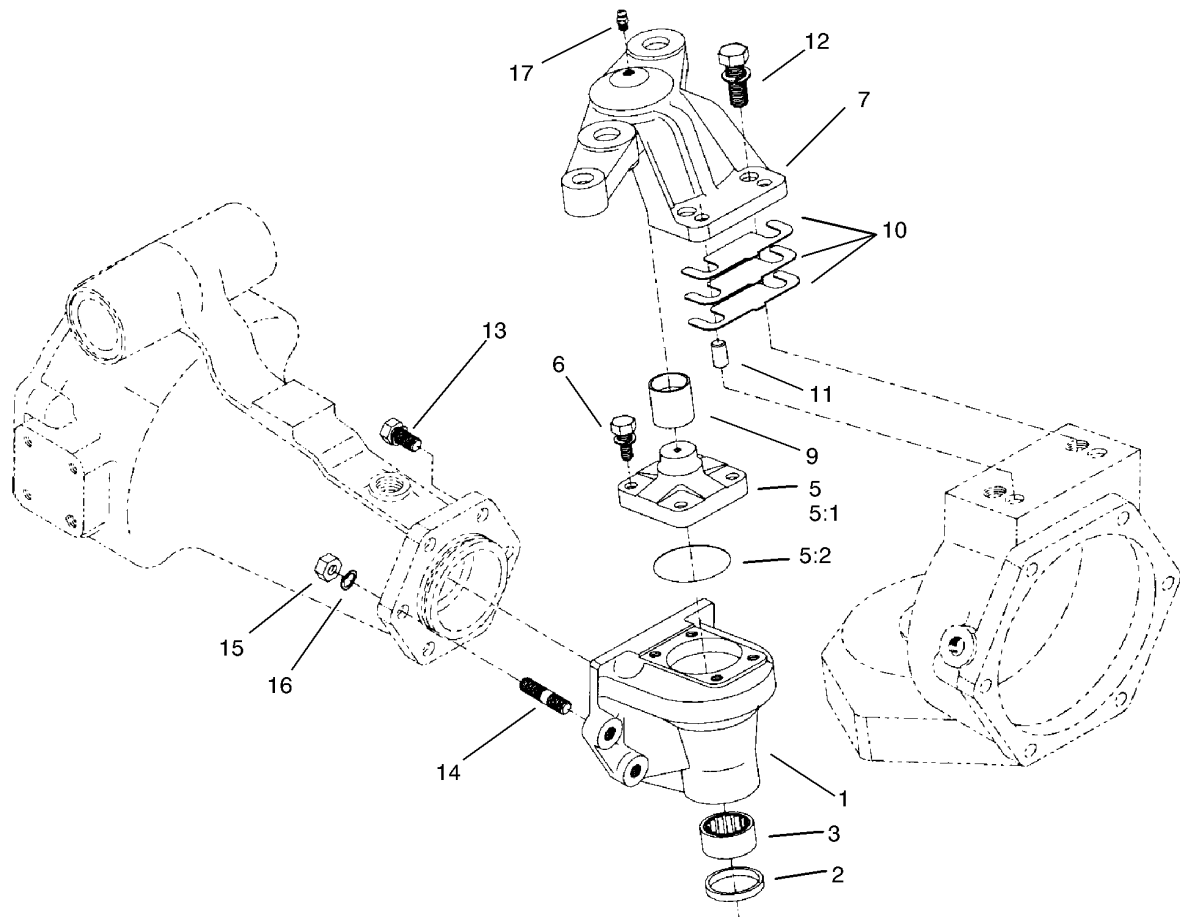
Ref	Part No.	Qty.	Description
1	95-7503	1	Differential ASM
2	100-2555	1	Ring And Pinion Matched Set
3	95-7502	1	Case-Differential
4	99-7576	8	Bolt
5	99-7577	8	Washer-Spring
6	99-7578	1	Shaft-Differential
7	99-7579	2	Pinion-Differential
8	99-7580	2	Washer-Differential
9	99-7581	2	Gear-Differential
10	99-7582	2	Washer-Differential
①10	99-7583	2	Washer-Differential
①10	99-7584	2	Washer-Differential
11	99-7588	1	Pin-Spring
12	99-7562	2	Bearing-Ball
13	99-7585	2	Shim 0.1
①13	99-7586	2	Shim 0.2
①13	99-7587	2	Shim 0.4



Rear Axle Assembly No. 95-7501 (Continued)

Axle Support Assembly

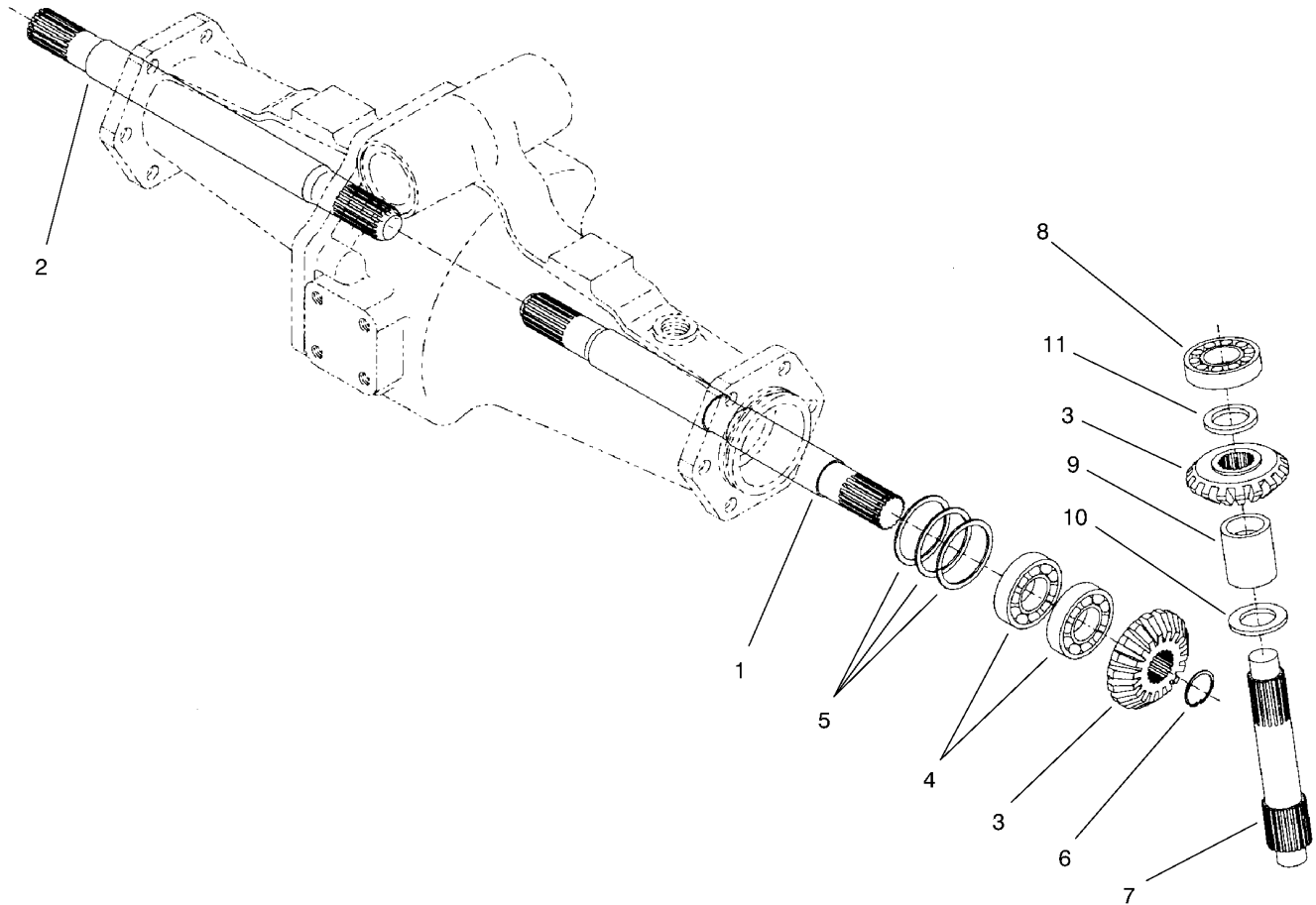
Ref	Part No.	Qty.	Description
1	95-7508	1	Support-Axle
2	95-7506	1	Support-Axle
3	95-7507	1	O-Ring
4	95-7537	2	Bushing-Flanged
5	99-7589	2	Plug
6	99-7590	2	Washer-Seal
7	99-7591	1	Oil Plug ASM
8	99-7592	8	Bolt
9	99-7593	2	O-Ring



Rear Axle Assembly No. 95-7501 (Continued)

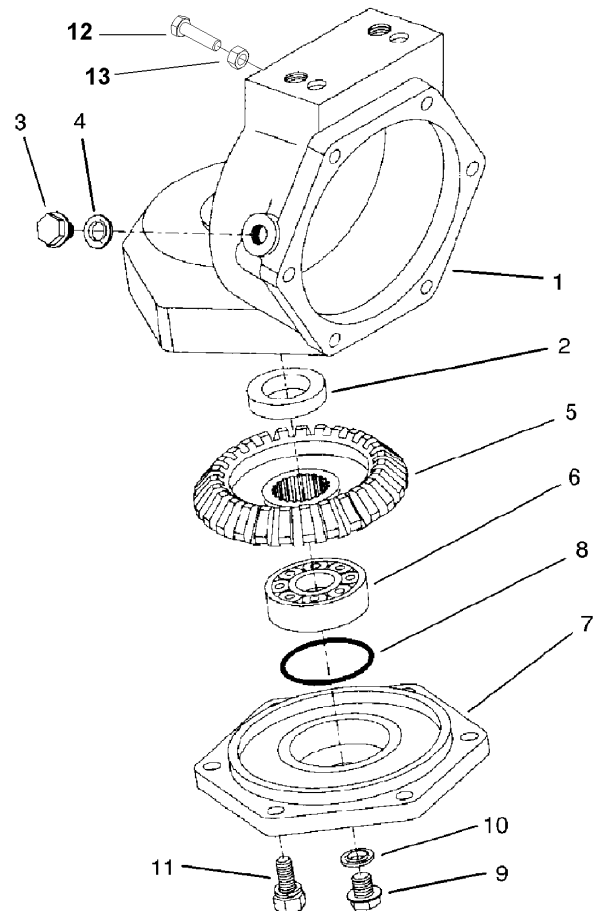
Bevel Gear Case Assembly

Ref	Part No.	Qty.	Description				
1	95-7539	2	Case-Gear, Bevel				
2	99-7594	2	Seal-Oil				
3	99-7595	2	Bearing-Needle				
5	104-2376	2	Knuckle ASM				
5:1	104-2373	2	Knuckle				
5:2	104-2372	2	O-Ring				
6	104-2374	8	Bolt				
7	95-7514	1	Support-Axle Case, LH				
8	95-7516	1	Support-Axle Case, RH				
9	99-7529	2	Bushing				
10	95-7547	2	Shim 0.1				
10	95-7548	2	Shim 0.2				
10	95-7549	2	Shim 0.4				
11	99-7597	4	Pin-Dowel				
12	99-7598	4	Bolt				
13	99-7599	8	Bolt				
14	99-7525	4	Stud				
15	99-7526	4	Nut				
16	99-7527	4	Washer-Spring				
17	99-7528	2	Nipple-Grease				



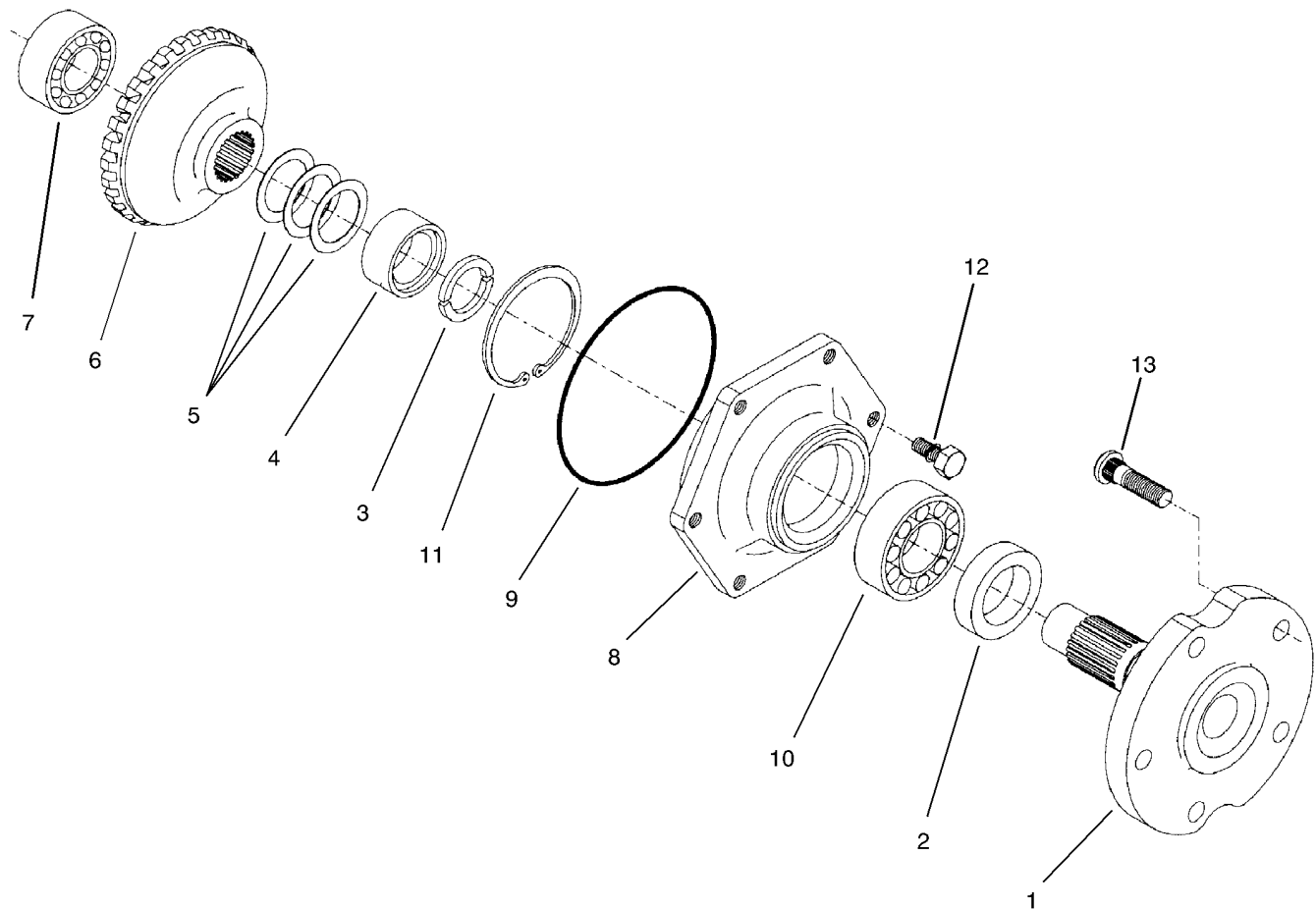
Rear Axle Assembly No. 95-7501 (Continued)
Bevel Gear Shaft Assembly

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



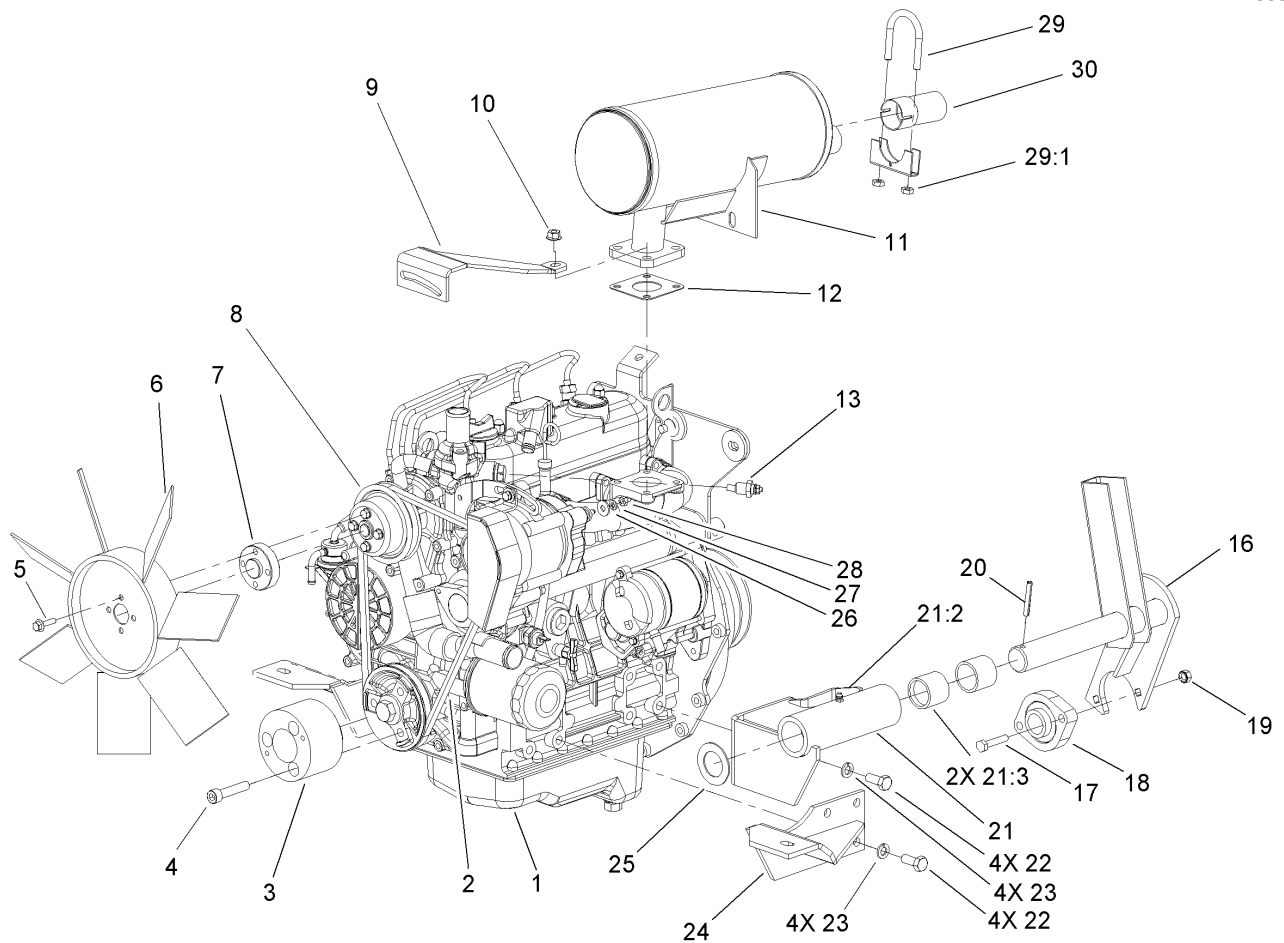
Rear Axle Assembly No. 95-7501 (Continued)
Axle Case Assembly

Ref	Part No.	Qty.	Description				
1	95-7532	2	Case-Axle				
2	99-7594	2	Seal-Oil				
3	99-7535	2	Plug				
4	99-7536	2	Washer-Seal				
5	95-7528	2	Gear-Bevel, 27 Tooth				
6	99-7532	2	Bearing-Roller, Taper				
7	95-7526	2	Cover-Axle				
8	99-7537	2	O-Ring				
9	99-7589	2	Plug				
10	99-7590	2	Washer-Seal				
11	99-7596	12	Bolt				
12	106-1102	2	Bolt - Stop				
13	106-1103	2	Nut				



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

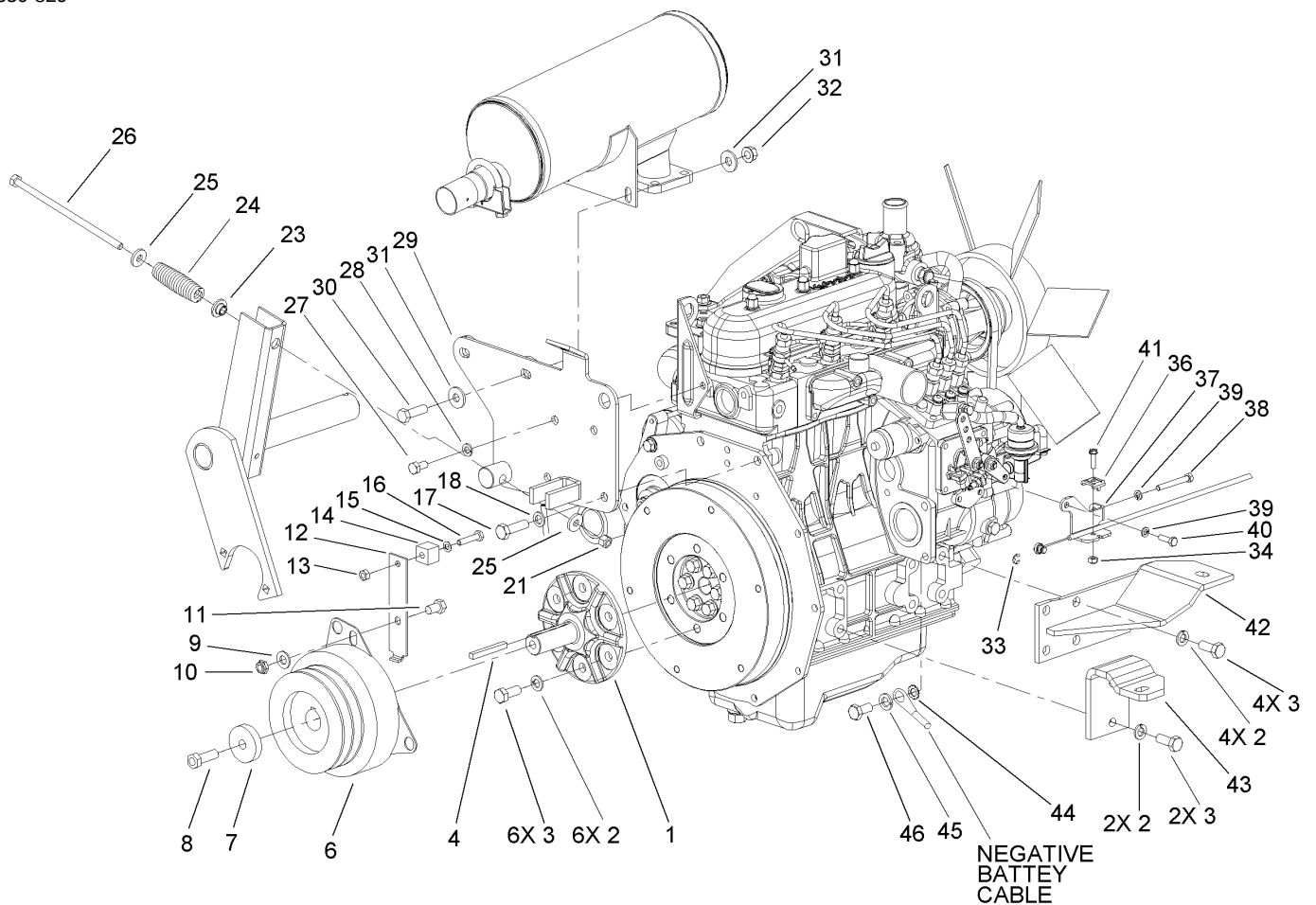
Ref	Part No.	Qty.	Description				
1	95-7522	2	Axle				
2	99-7564	2	Seal-Oil				
3	95-7544	4	Clip				
4	95-7523	2	Spacer				
5	99-7555	2	Shim 0.3				
5	99-7556	2	Shim 0.2				
5	99-7557	2	Shim 0.5				
6	95-7525	2	Gear-Bevel, 27 Tooth				
7	99-7534	2	Bearing-Ball				
8	95-7521	2	Cover-Axle				
9	99-7538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



Engine Mounting and Component Assembly

Ref	Part No.	Qty.	Description
1	106-4385	1	Engine ASM-Kubota
2	104-3494	1	Belt-V
3	104-1723	1	Adapter-Front Drive
4	3274-106	3	Screw-HSH
5	33103-025	4	Screw-HHF
6	104-4246	1	Fan-Engine
7	105-0000	1	Spacer-Fan
8	104-3497	1	Pulley-Fan
9	105-2556-03	1	Brace-Alternator, Upper
10	33004-00	4	Nut-HF
11	106-8069	1	Muffler-Exhaust
12	98-9611	1	Gasket
13	98-9346	1	Sender-Temperature
16	106-4381-03	1	PTO Tension Shaft ASM
17	322-7	2	Screw-HH
18	92-8799	1	Bearing-Flange
18:1	251-77	1	Lockcollar-Bearing
18:2	3246-1	1	Screw-Set
18:3	302-40	1	Fitting-Grease
19	32149-1	2	Nut
20	32121-32	1	Pin-Roll
21	104-3417	1	Lr Engine Mount ASM
21:2	302-5	1	Fitting-Grease
21:3	256-299	2	Bushing-Straight

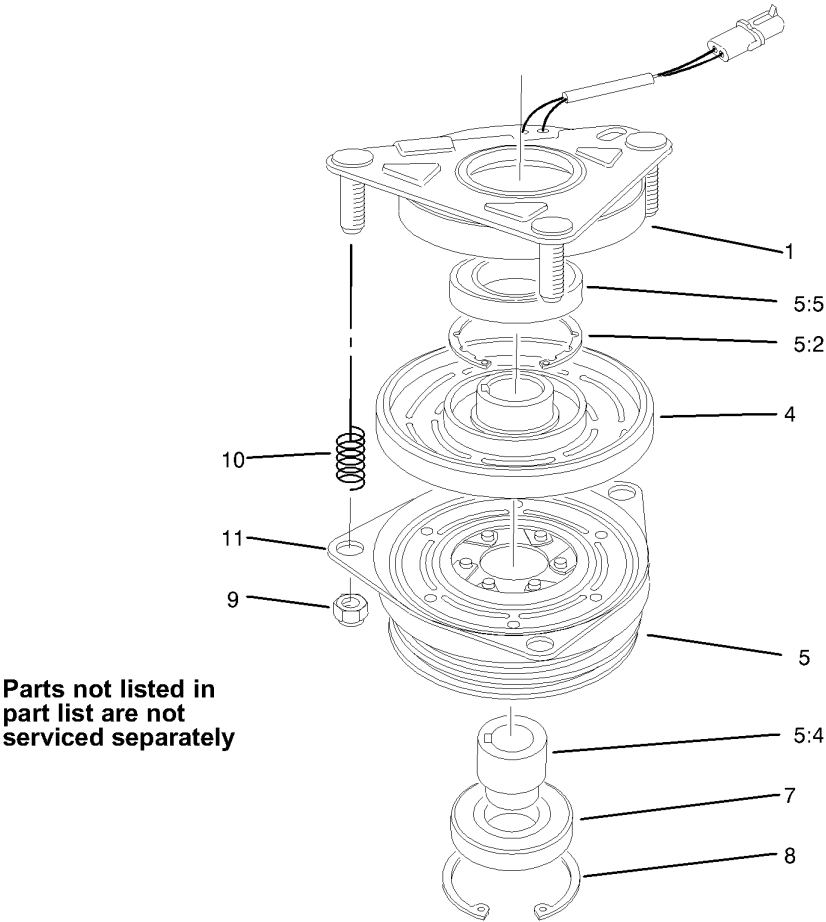
Ref	Part No.	Qty.	Description
22	43-0090	8	Screw-HH
23	42-9600	8	Lockwasher-Spring
24	104-1702-03	1	Engine Mount ASM
25	3-4324	1	Washer-Flat
26	3256-78	1	Washer-Flat
27	43-5930	1	Washer-Spring
28	48-7890	1	Nut
29	2112-9	1	Clamp
29:1	32128-20	2	Nut-HF
30	105-4269	1	Extension-Tailpipe



Engine and Clutch Hub Assembly

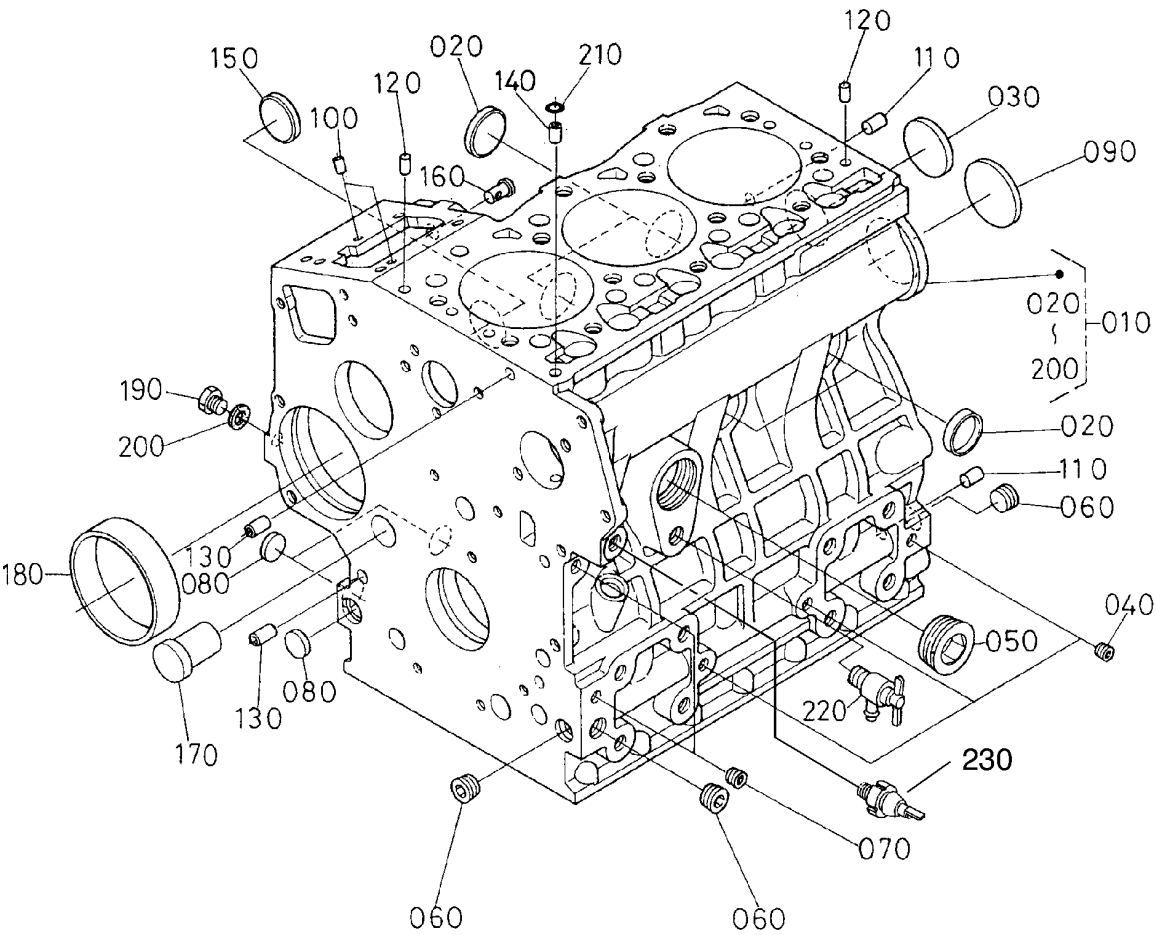
Ref	Part No.	Qty.	Description
1	104-1715	1	Hub-Clutch
2	42-9600	12	Lockwasher-Spring
3	43-0090	12	Screw-HH
4	18-6430	1	Key-Square
6	100-6565	1	Electric Clutch/brake ASM
7	105-3698	1	Spacer
8	3212-5	1	Screw-HH
9	3256-24	1	Washer-Flat
10	3296-59	1	Nut-Lock, NI
11	323-34	1	Screw-HH
12	94-7438	1	Lever-Clutch Anchor
13	32153-4	1	Locknut
14	95-6328	1	Bumper-Electric Clutch
15	3256-60	1	Washer-Flat
16	321-8	1	Screw-HH
17	56-2140	2	Bolt
18	48-9590	2	Washer-Lock
21	3296-29	1	Nut-Lock, NI
23	27-6600	1	Spacer-Coupling
24	21-0400-01	1	Spring-Compression
25	4-2390	2	Washer-Flat
26	94-7431	1	Bolt-HH
27	33114-016	2	Screw-HH
28	3253-4	2	Washer-Lock

Ref	Part No.	Qty.	Description
29	106-4379-03	1	Muffler Mount ASM
30	323-44	2	Screw-HH
31	80-6990	4	Washer-Hardened
32	32128-21	2	Nut-HF
33	701197	1	E-Ring
34	3296-2	1	Nut-Lock
36	81-1690	1	Clamp-Cable
37	106-8097-03	1	Bracket-Throttle
38	33113-050	1	Screw-HH
39	48-8020	2	Washer-Spring
40	48-7630	1	Screw
41	32105-13	1	Screw-SHH
42	104-1710-03	1	Engine Mount ASM
43	104-1713-03	1	Mount-Engine
44	3255-9	1	Washer-Lock, Ext
45	3253-6	1	Washer-Lock
46	63-7790	1	Screw-Cap



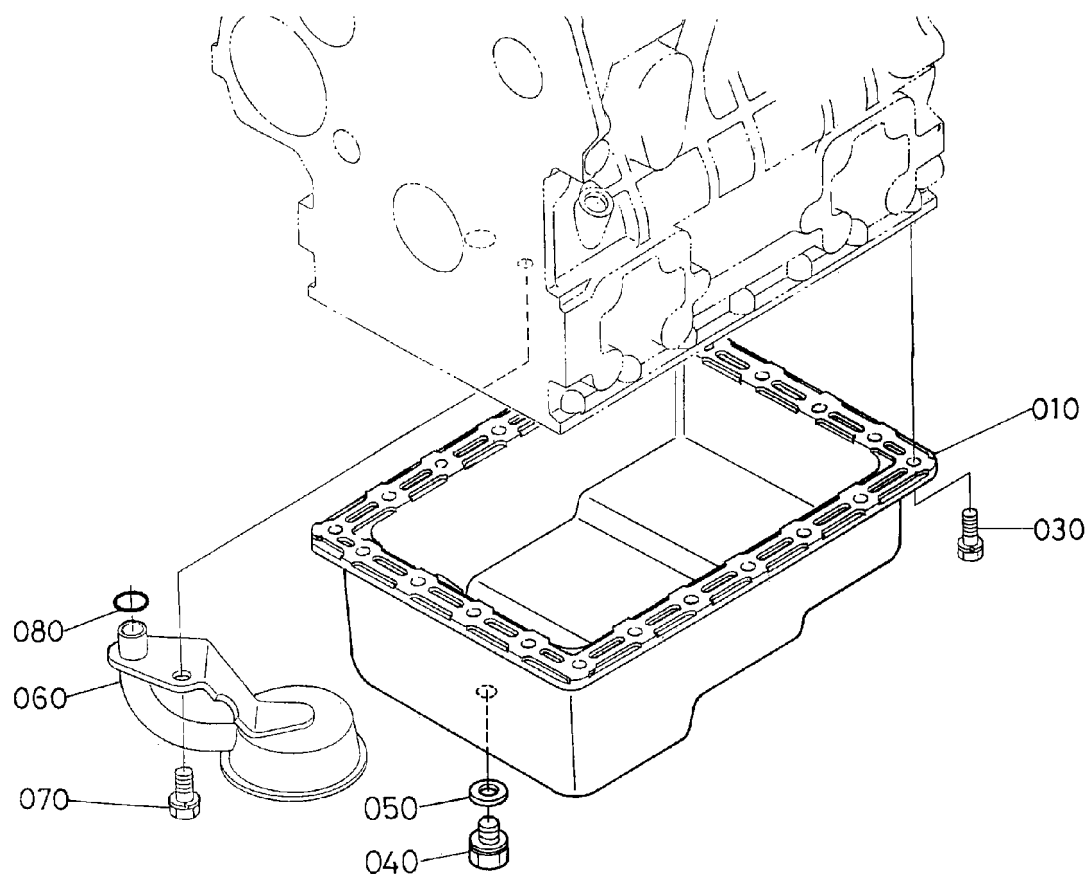
Electric Clutch / Brake Assembly No. 100-6565

Ref	Part No.	Qty.	Description				
1	100-6563	1	Field And Rotor				
1 2 2		1	Bearing-Field				
1 2 3		1	Ring-Retaining				
1 2 4		1	Field Coil ASM				
5	67-7070	1	Armature And Pulley ASM				
5:2	67-7060	1	Ring-Retaining				
5:4	67-7080	1	Sleeve-Bearing, Armature				
5:5	67-7090	1	Bearing-Armature				
1 2 6		1	Collar-Bearing				
7	67-7090	1	Bearing-Armature				
8	67-7060	1	Ring-Retaining				
9	3296-6	3	Nut-Lock, NI				
10	44-8320	3	Spring				
11	67-7100	1	Plate-Brake				



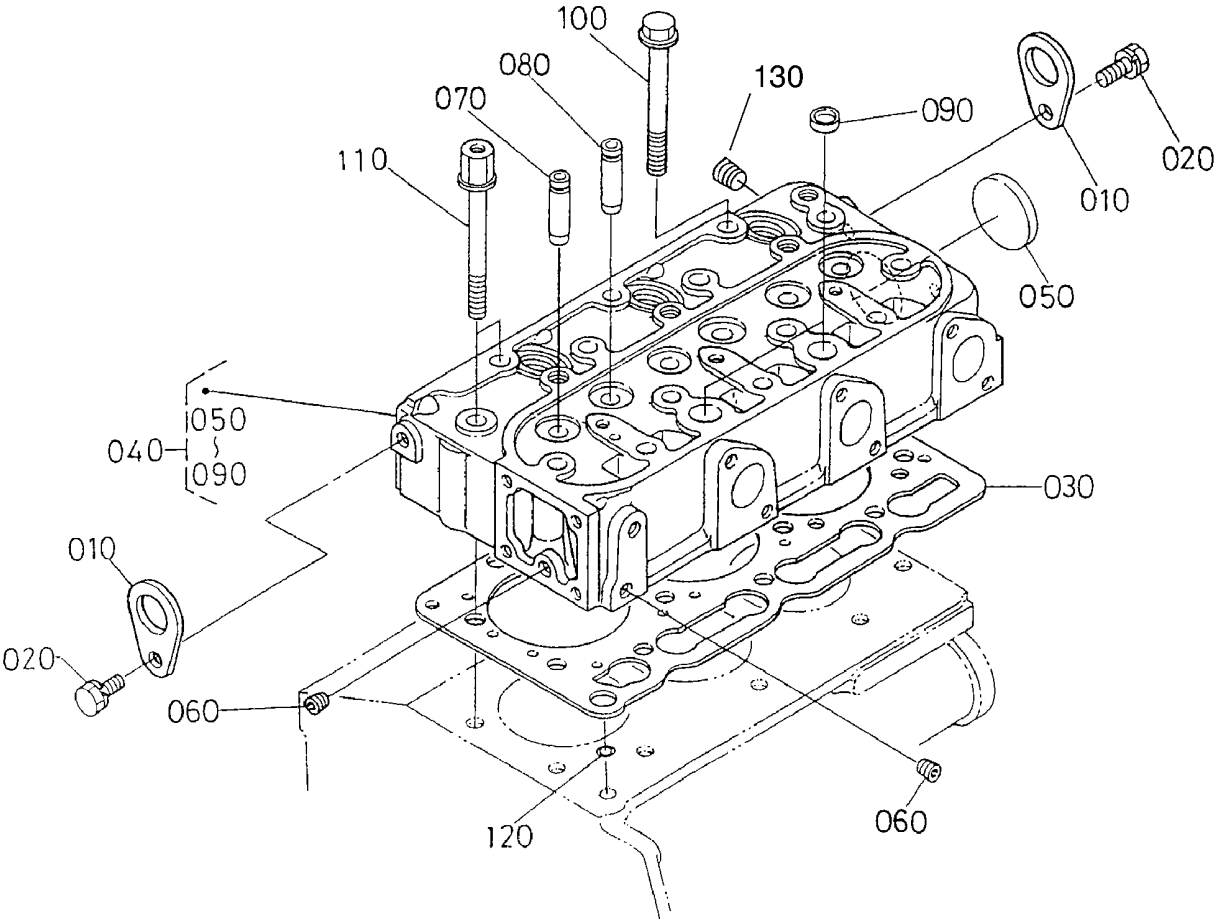
Crankcase Assembly

Ref	Part No.	Qty.	Description				
010	105-3778	1	Crankcase ASM				
020	98-9398	4	Cap-Sealing				
030	98-7539	1	Cap-Sealing				
040	98-7540	3	Plug				
050	105-3779	1	Plug				
060	98-9597	3	Plug				
070	98-7487	2	Plug				
080	98-7489	3	Plug				
090	98-9668	1	Plug				
100	105-3793	2	Pin-Straight				
110	105-3794	2	Pin-Straight				
120	105-3795	2	Pin-Straight				
130	98-9387	2	Pin-Pipe				
140	98-9539	1	Pin-Pipe				
150	98-9599	1	Plug				
160	98-9630	1	Pin-Spring, Start				
170	98-9675	1	Plug				
180	98-9656	1	Bushing-Governor, Gear				
190	98-7507	1	Plug				
200	98-7428	1	Gasket				
210	98-7509	1	O-Ring				
220	98-9436	1	Drain Cock ASM				
230	98-9416	1	Switch-Oil				



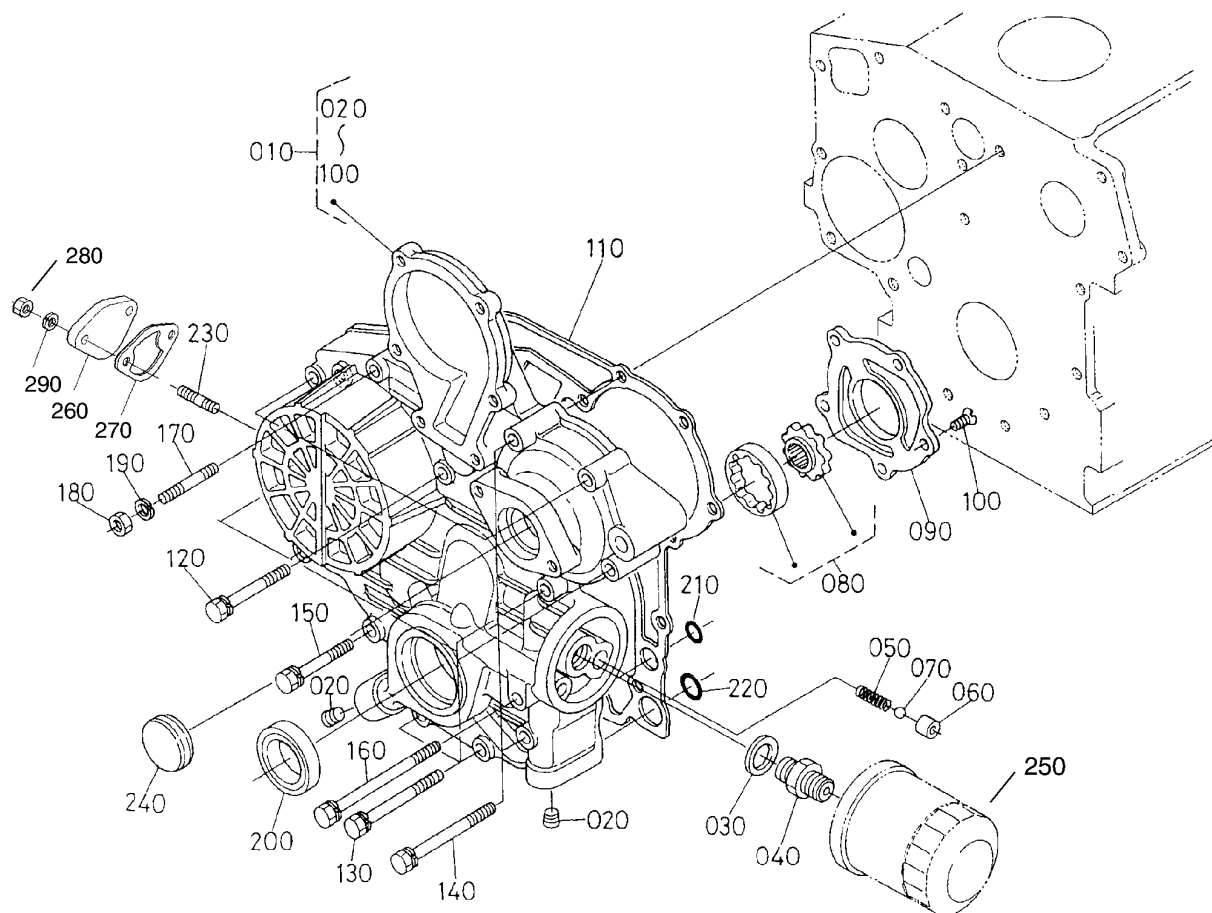
Oil Pan Assembly

Ref	Part No.	Qty.	Description
010	104-3495	1	Pan-Oil
030	98-9350	2	Bolt
040	98-9386	1	Plug
050	98-7524	1	Gasket
060	104-3496	1	Filter-Oil Pickup
070	98-9358	1	Bolt
080	105-3776	1	O-Ring



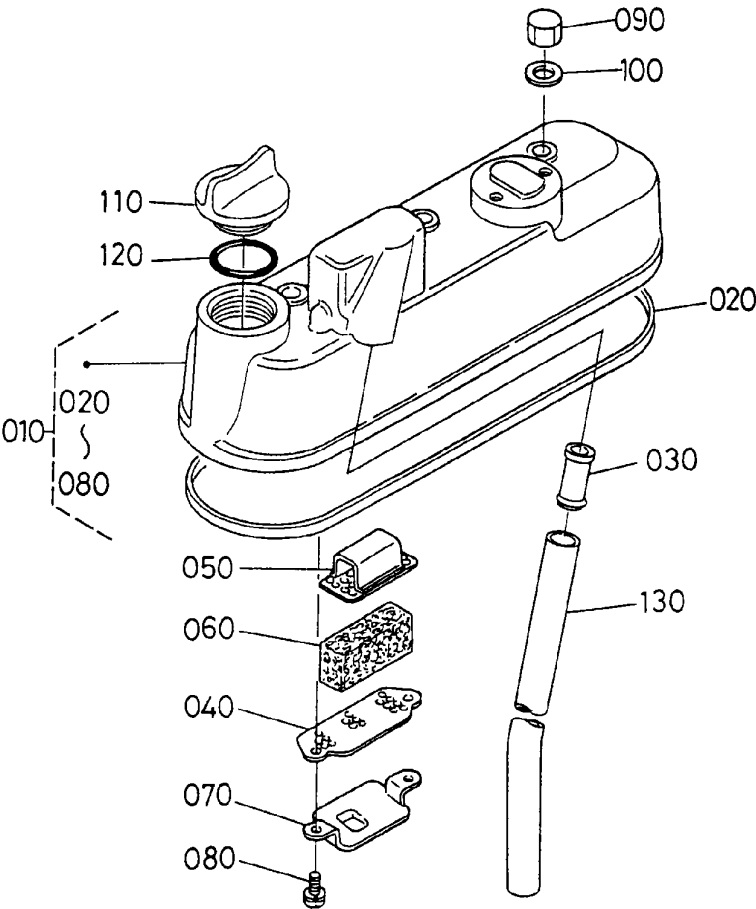
Cylinder Head Assembly

Ref	Part No.	Qty.	Description				
010	98-7531	2	Hook-Engine				
020	100-9195	2	Bolt				
030	105-3780	1	Gasket-Head, Cylinder				
040	98-9460	1	Cylinder Head ASM				
050	98-9395	1	Cap-Sealing				
060	98-7540	2	Plug				
070	98-9499	3	Guide-Valve, Inlet				
080	98-9500	3	Guide-Valve, Exhaust				
090	98-9389	2	Cap-Sealing				
100	98-9479	1	Bolt-Head, Cylinder				
110	98-9647	2	Bolt-Head, Cylinder				
120	98-7509	1	O-Ring				
130	98-9444	1	Plug				



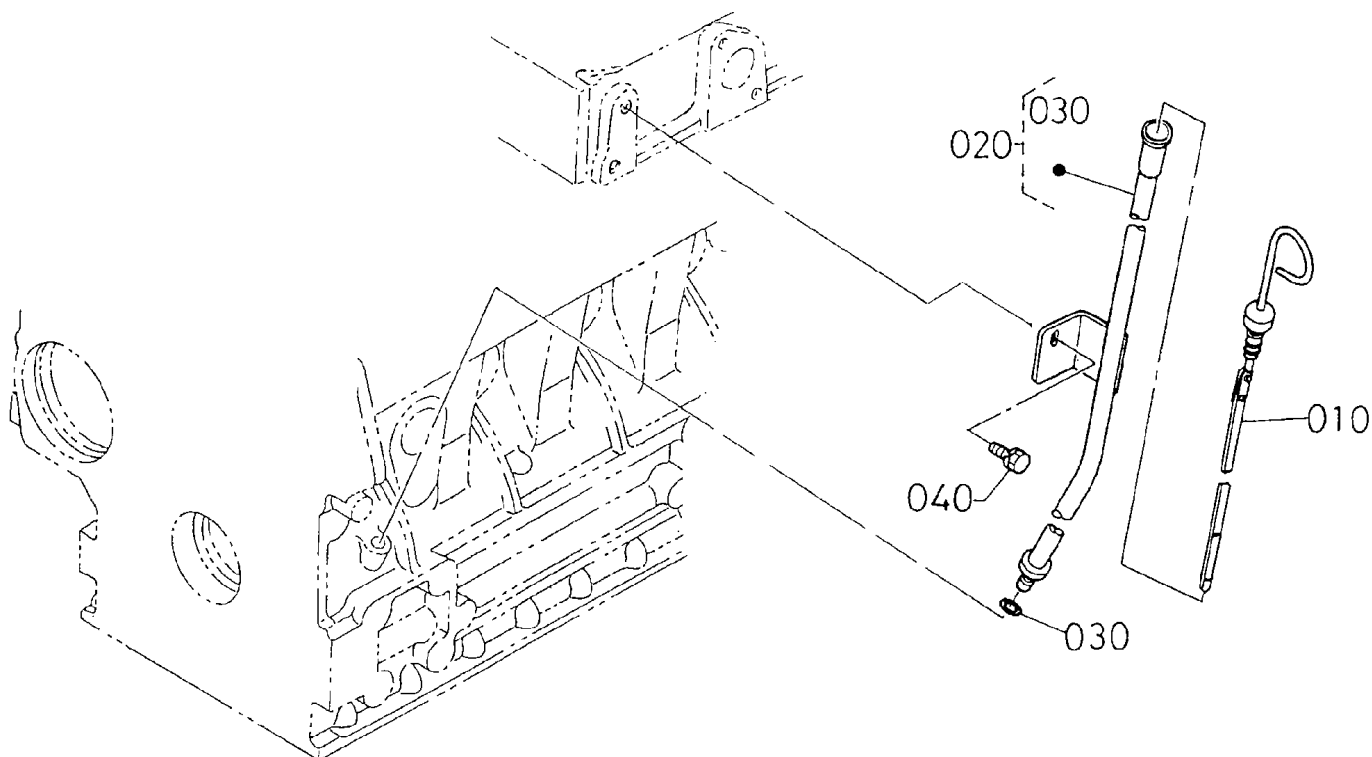
Gear Case, Oil Filter and Cover Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
010	98-9481	1	Gear Case ASM	250	99-8384	1	Filter-Oil
020	98-9598	1	Plug	260	99-3514	1	Cover
030	98-7562	1	Washer-Plain	270	98-9636	1	Gasket-Pump, Fuel
040	98-9388	1	Joint-Pipe	280	98-7572	2	Nut
050	98-9544	1	Spring	290	98-7699	2	Washer-Spring
060	98-9543	1	Seat-Valve				
070	98-9380	1	Ball				
080	98-9540	1	Oil Pump Rotor ASM				
090	98-9541	1	Cover-Pump, Oil				
100	98-9592	5	Screw				
110	98-9633	1	Gasket-Case, Gear				
120	98-7496	3	Bolt				
130	105-3797	6	Bolt				
140	98-9356	2	Bolt				
150	98-9437	1	Bolt				
160	98-9586	1	Bolt				
170	105-3709	1	Stud				
180	98-7572	1	Nut				
190	98-7699	1	Washer-Spring				
200	98-9482	1	Seal-Oil				
210	105-3781	2	O-Ring				
220	105-3777	2	O-Ring				
230	105-3710	2	Stud				
240	98-9641	1	Cover				



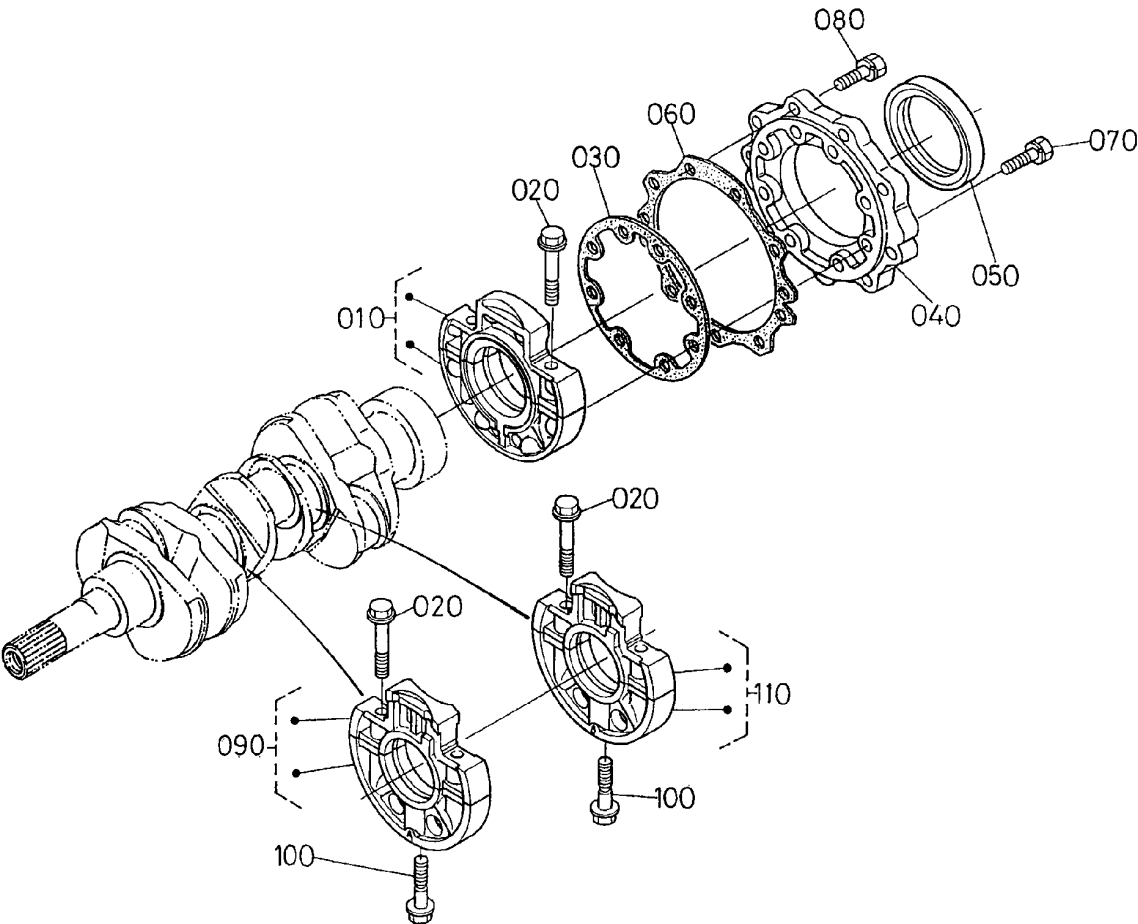
Head Cover Assembly

Ref	Part No.	Qty.	Description				
010	98-9614	1	Cylinder Head Cover ASM				
020	98-9615	1	Gasket-Cover, Head				
030	98-9492	1	Joint-Pipe, Breather				
040	98-9488	1	Plate-Element, Breather				
050	98-9489	1	Plate-Element, Breather				
060	98-9493	1	Element-Breather				
070	98-9490	1	Shield-Oil, Breather				
080	105-3782	2	Screw W/washer				
090	98-9455	3	Nut-Cap				
100	98-9454	3	Gasket				
110	98-9449	1	Plug-Filler, Oil				
120	99-3446	1	O-Ring				
130	98-9491	1	Pipe-Breather				



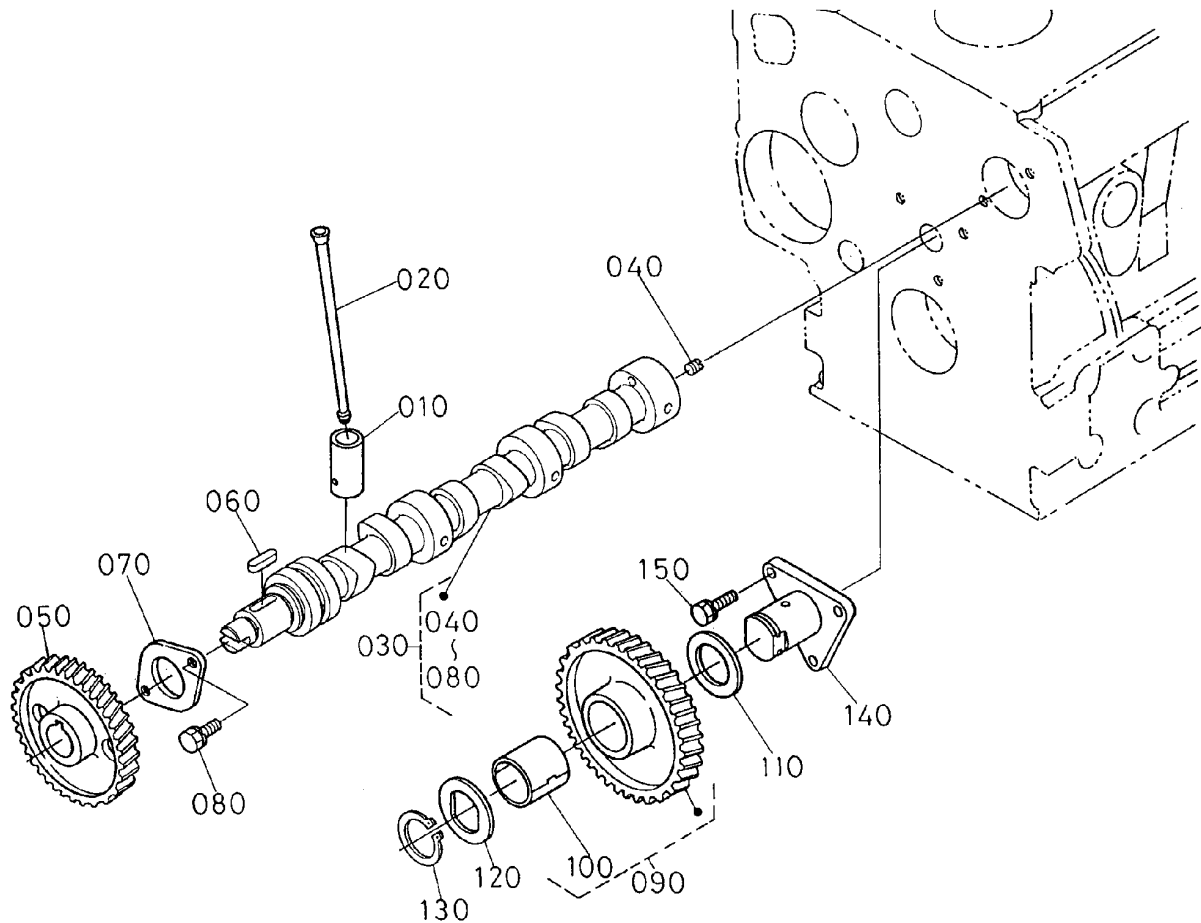
Dipstick and Guide Assembly

Ref	Part No.	Qty.	Description
010	98-9670	1	Gauge-Oil
020	98-9672	1	Oil Gauge Guide ASM
030	98-9374	1	O-Ring
040	98-7453	1	Bolt



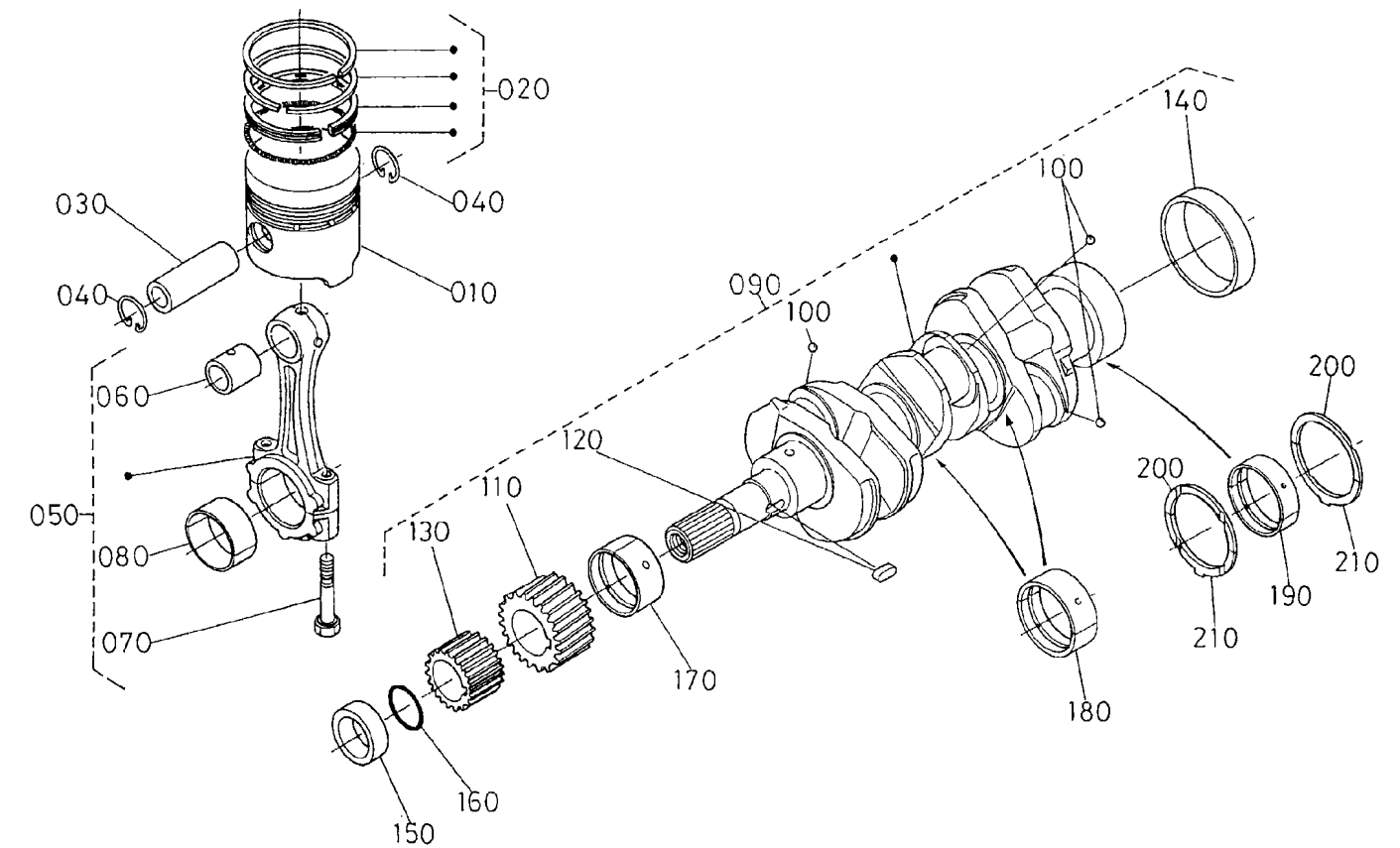
Main Bearing Case Assembly

Ref	Part No.	Qty.	Description				
010	98-9480	1	Main Bearing Case ASM				
020	98-9484	6	Bolt-Case, Bearing				
030	98-9634	1	Gasket-Case, Bearing				
040	98-9487	1	Cover-Case, Bearing				
050	98-9483	1	Seal-Oil				
060	98-9635	1	Gasket-Cover, Bearing Case				
070	98-9352	8	Bolt				
080	98-7568	9	Bolt				
090	98-9606	1	Main Bearing Case ASM				
100	98-9485	2	Bolt-Case, Bearing				
110	98-9607	1	Main Bearing Case ASM				



Camshaft and Idler Gear Shaft Assembly

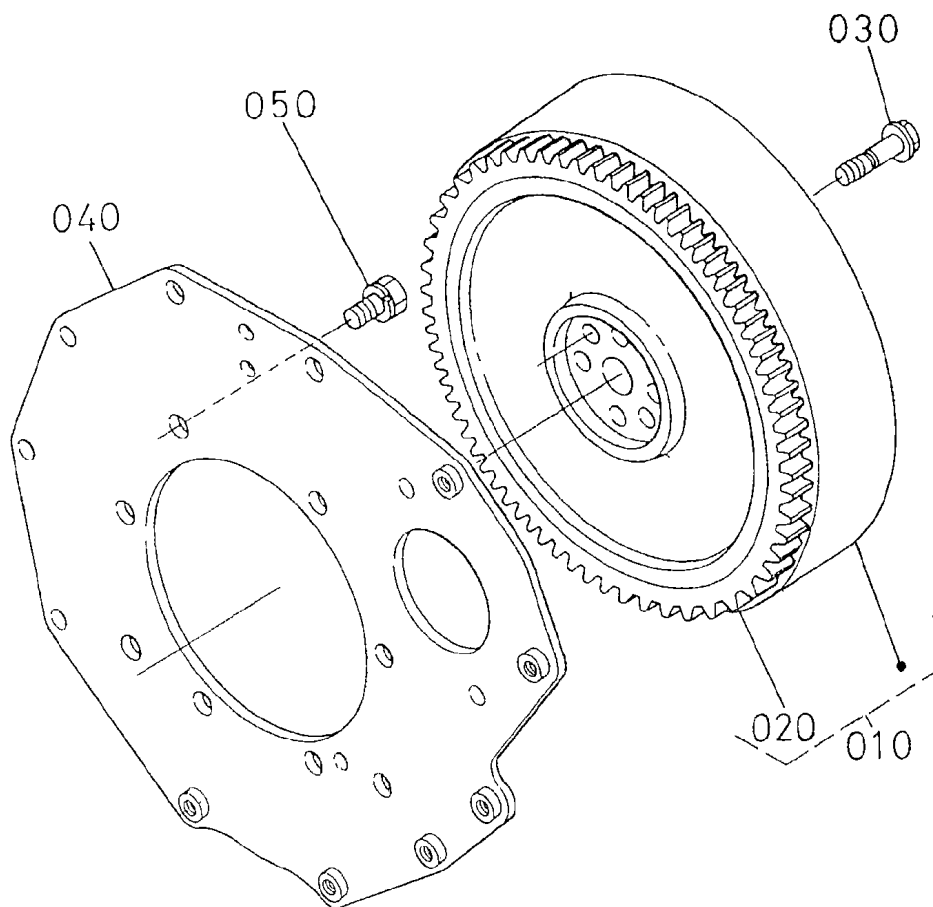
Ref	Part No.	Qty.	Description				
010	98-9616	6	Tappet				
020	98-9509	6	Rod-Push				
030	98-9617	1	Camshaft ASM				
040	98-7449	1	Screw-Set				
050	98-9512	1	Gear-Cam				
060	98-9378	1	Key-Feather				
070	98-9510	1	Stopper-Camshaft				
080	98-9351	2	Bolt				
090	98-9649	1	Idle Gear ASM				
100	98-9650	1	Bushing-Gear, Idle				
110	98-9535	1	Collar-Gear, Idle				
120	98-9536	1	Collar-Gear, Idle				
130	98-9534	1	Clip-Circular, Idle Gear				
140	98-9533	1	Shaft-Gear, Idle				
150	98-7692	3	Bolt				



Piston and Crankshaft Assembly

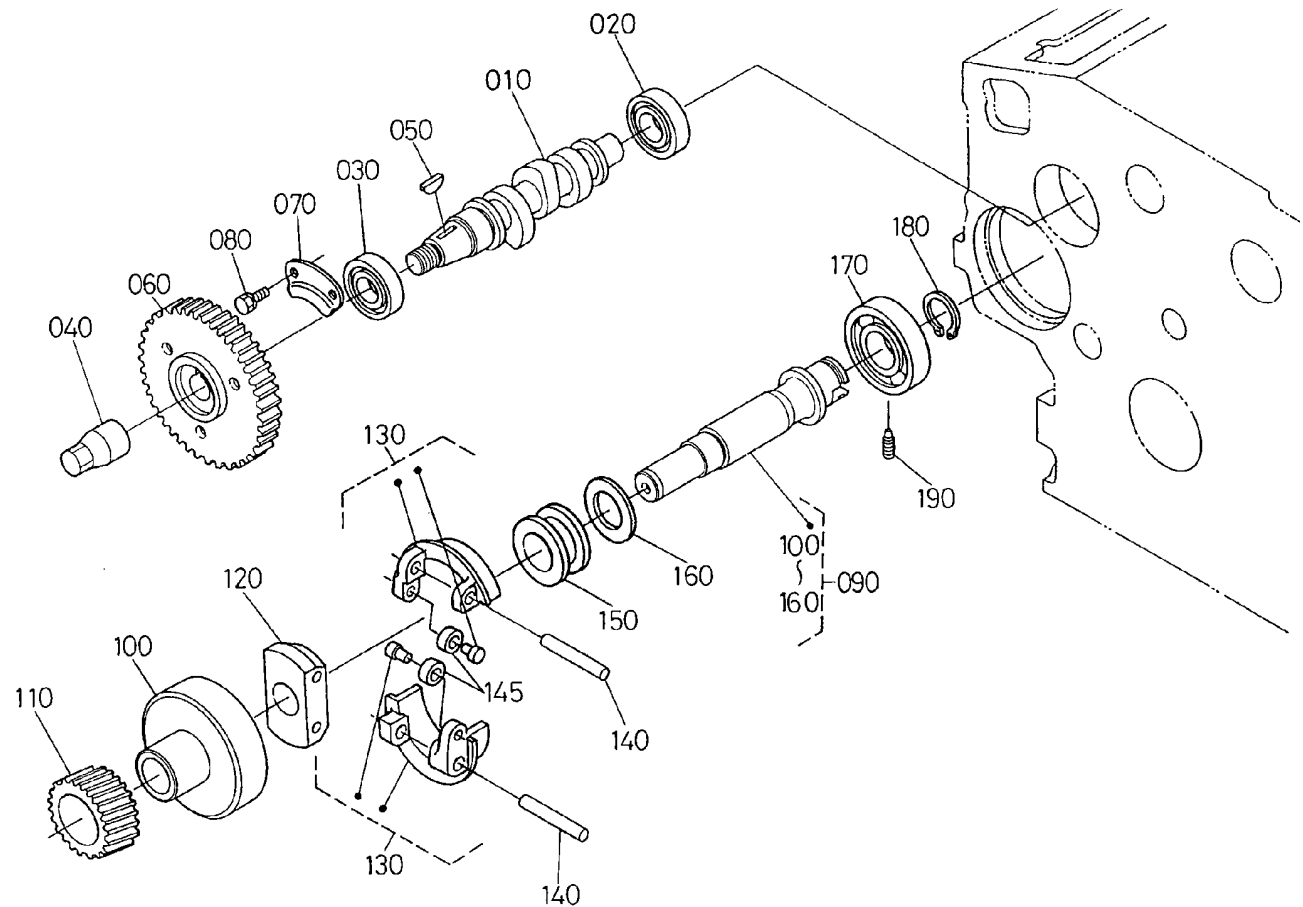
Ref	Part No.	Qty.	Description
010	98-9469	3	Piston (Std)
010	98-9470	3	Piston (0.5mm)
020	98-9618	3	Piston Ring ASM (Std)
020	98-9619	3	Piston Ring ASM (0.5mm)
030	98-9513	3	Pin-Piston
040	98-9514	6	Clip-Circular, Piston Pin
050	98-9516	3	Connecting Rod ASM
060	98-9515	3	Bushing-Pin, Piston
070	98-9517	6	Bolt-Rod, Connecting
080	98-9518	3	Metal-Crankpin (Std)
080	98-9519	3	Bearing-Rod (0.2mm)
080	98-9520	3	Bearing-Rod (0.4mm)
090	98-9642	1	Crankshaft ASM
100	98-7473	3	Ball
110	98-9532	1	Gear-Crankshaft
120	98-9666	1	Key
130	98-9542	1	Gear-Drive, Oil Pump
140	98-9522	1	Sleeve-Crankshaft
150	98-9521	1	Collar-Crankshaft
160	105-3783	1	O-Ring
170	98-9529	1	Bearing-Main (0.4mm)
170	98-9528	1	Bearing-Main (0.2mm)
170	98-9523	1	Metal Crankshaft (Std)
180	98-9531	2	Bearing-Main (0.4mm)

Ref	Part No.	Qty.	Description
180	98-9530	2	Bearing-Main (0.2mm)
180	98-9524	2	Metal-Crankshaft (Std Set)
190	98-9527	1	Bearing-Main (0.4mm)
190	98-9526	1	Bearing-Main (0.2mm)
190	98-9525	1	Metal Crankshaft(Std Set)
200	98-9415	2	Bearing-Thrust (0.4mm)
200	98-9414	2	Bearing-Thrust (0.2mm)
200	98-9413	2	Bearing-Thrust (Std)
210	98-9690	2	Bearing-Thrust (0.4mm)
210	98-9689	2	Bearing-Thrust (0.2mm)
210	98-9688	2	Bearing-Thrust (Std)



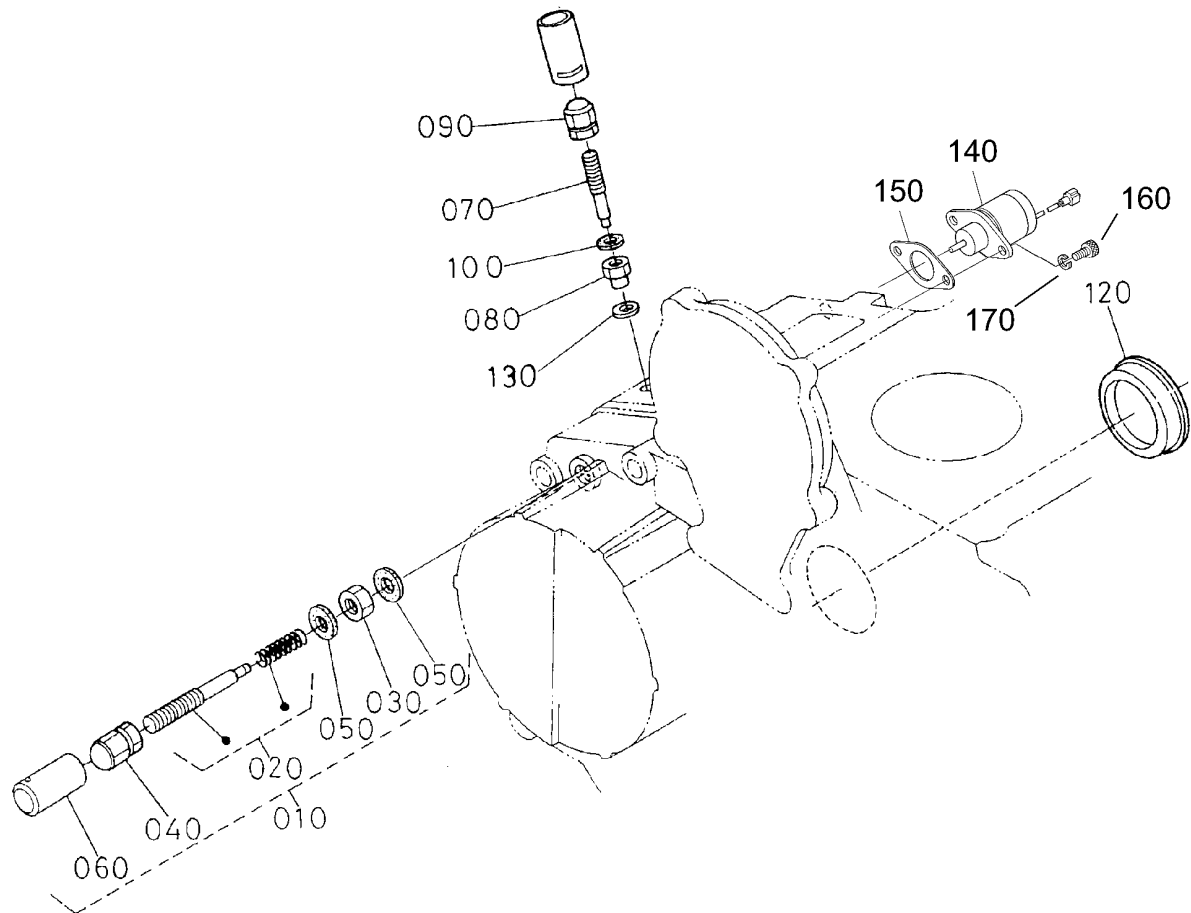
Flywheel Assembly

Ref	Part No.	Qty.	Description				
010	105-3784	1	Flywheel ASM				
020	105-3722	1	Gear-Ring				
030	98-9537	6	Bolt-Flywheel				
040	98-9486	1	Plate-End, Rear				
050	98-9392	8	Bolt				



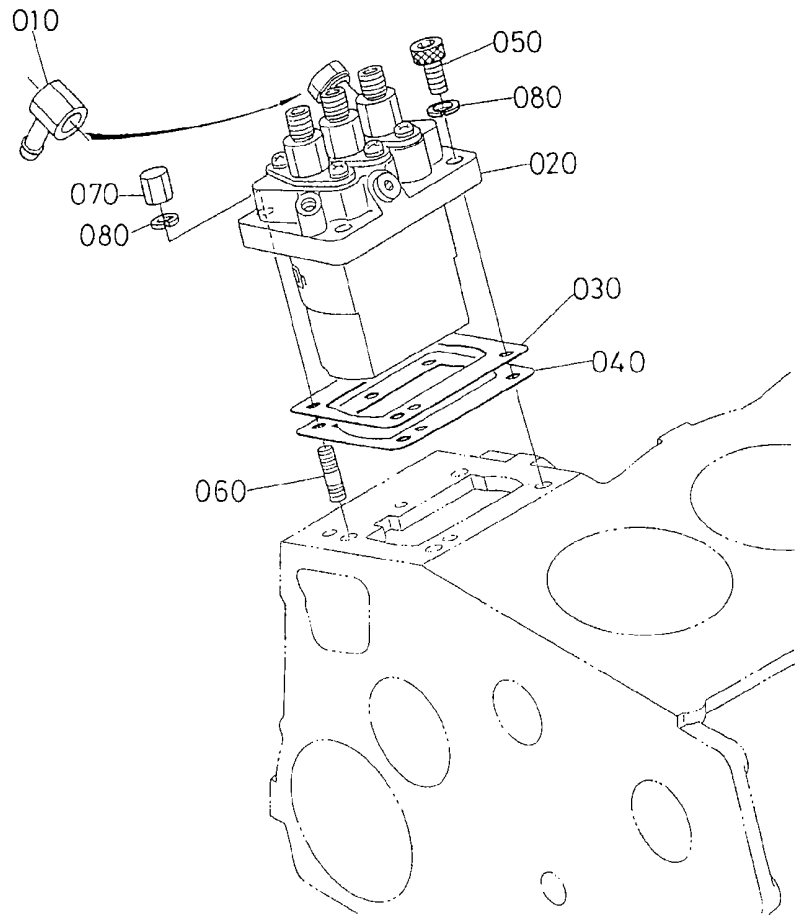
Fuel, Camshaft and Governor Shaft Assembly

Ref	Part No.	Qty.	Description				
010	98-9459	1	Camshaft-Fuel				
020	98-9382	1	Bearing-Ball				
030	98-9383	1	Bearing-Ball				
040	98-9590	1	Nut-Cap				
050	98-9595	1	Key-Woodruff				
060	98-9669	1	Gear-Pump, Injection				
070	98-9511	1	Stopper-Fuel, Camshaft				
080	98-9350	2	Bolt				
090	98-9644	1	Governor Shaft ASM				
100	98-9562	1	Holder-Gear, Governor				
110	98-9673	1	Gear-Governor				
120	98-9561	1	Holder-Weight, Governor				
130	98-9559	2	Governor Weight ASM				
140	98-9560	2	Shaft-Weight, Governor				
145	98-9692	2	Roller				
150	98-9563	1	Sleeve-Governor				
160	98-9564	1	Washer-Thrust				
170	98-9381	1	Bearing-Ball				
180	98-9657	1	Clip-Circular, Governor Shaft				
190	98-9565	1	Screw-Set				



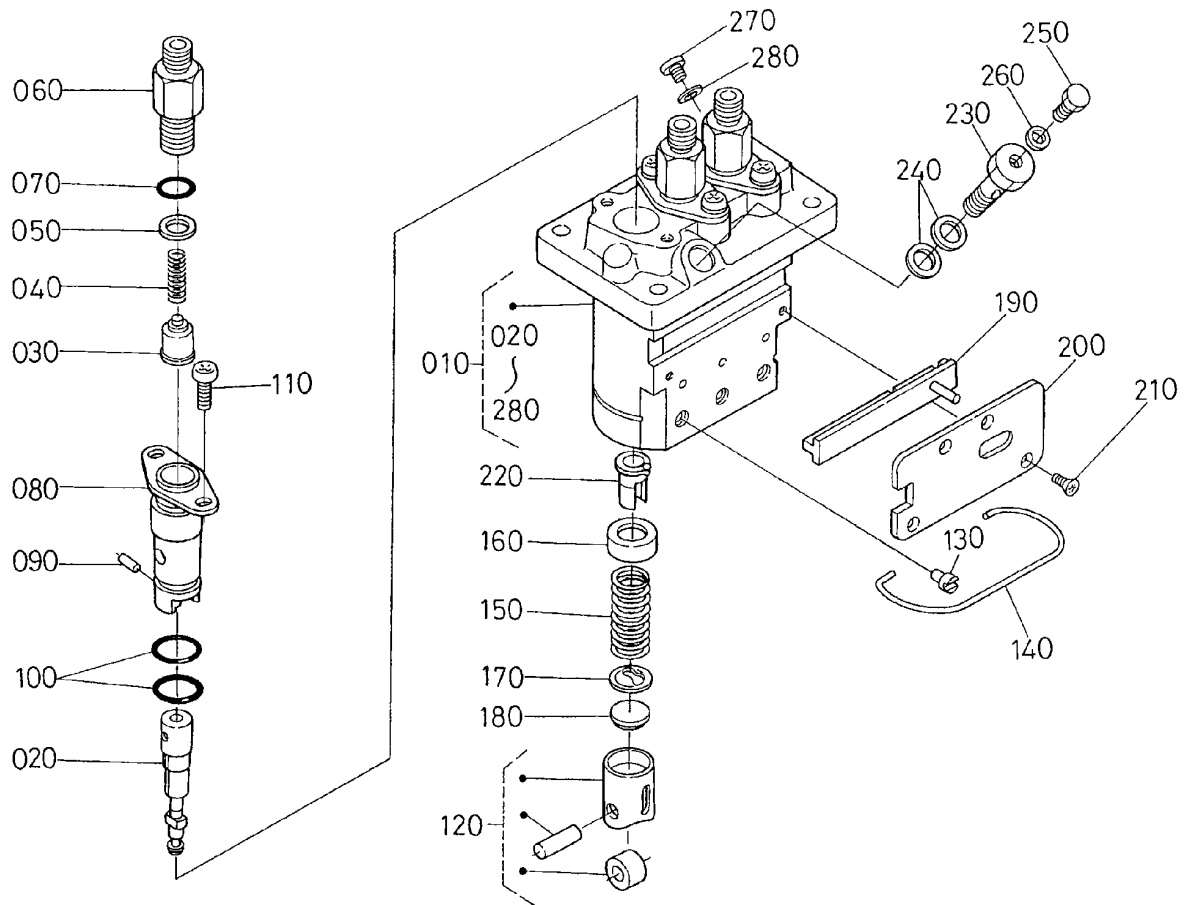
Idle Apparatus and Stop Solenoid Assembly

Ref	Part No.	Qty.	Description				
010	98-9678	1	Idle Apparatus ASM				
020	98-9679	1	Adjusting Bolt ASM				
030	98-9439	1	Nut				
040	105-3785	1	Plug				
050	98-7654	2	Gasket				
060	98-7656	1	Cap				
070	98-9557	1	Bolt-Adjusting				
080	99-3512	1	Nut				
090	105-3785	1	Plug				
100	98-7654	1	Gasket				
120	98-9640	1	Cover-Pump				
130	99-8389	1	Gasket				
140	104-5155	1	Solenoid-Stop				
150	98-9683	1	Gasket-Cover, Solenoid				
160	105-3799	2	Bolt-HSH				
170	98-7699	2	Washer-Spring				



Injection Pump Assembly

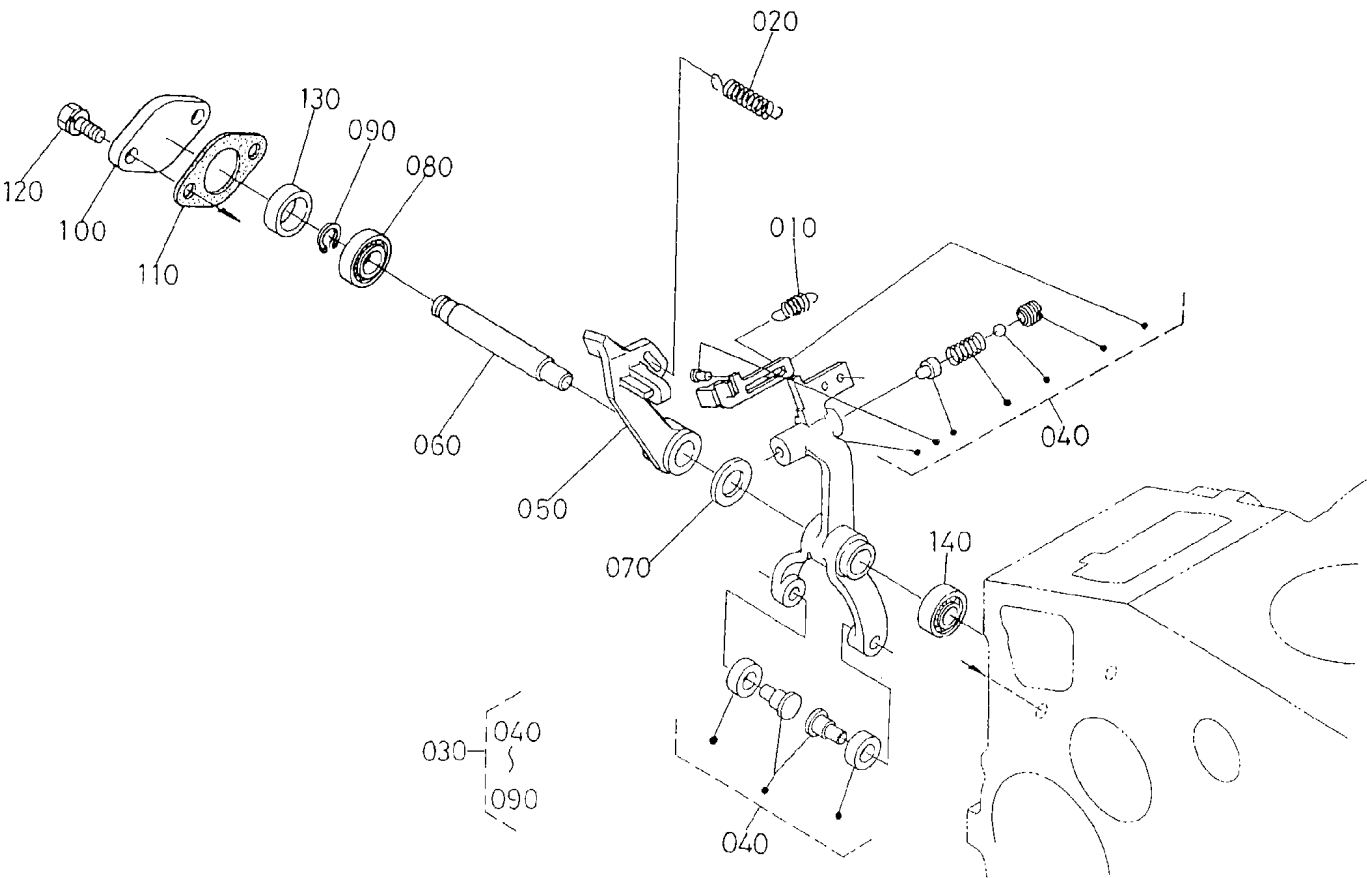
Ref	Part No.	Qty.	Description				
010	98-9596	1	Joint-Eye				
020	98-9643	1	Injection Pump ASM				
030	98-9456	1	Shim (0.2mm)				
030	98-9457	1	Shim-Injection (0.25mm)				
040	98-9458	1	Shim-Injection (0.30mm)				
050	98-9361	2	Bolt-HSH				
060	98-9438	2	Stud				
070	98-9440	2	Nut-Cap				
080	98-7699	4	Washer-Spring				



Injection Pump Assembly No. 98-9643

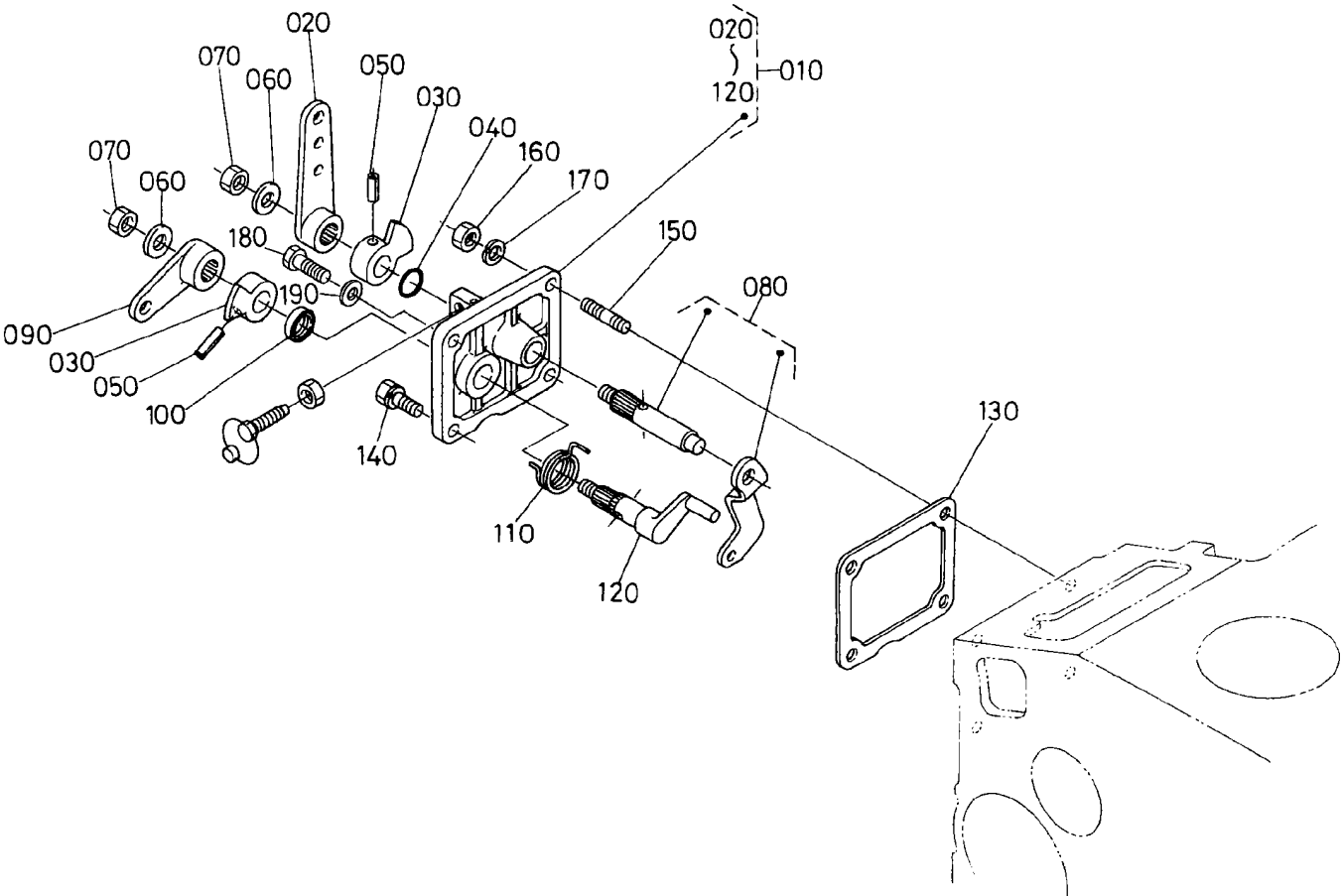
Ref	Part No.	Qty.	Description
010	98-9643	1	Injection Pump ASM
020	98-9462	3	Element-Pump
030	98-9421	3	Valve-Delivery
040	98-9424	3	Spring-Valve, Delivery
050	98-9425	3	Gasket-Valve, Delivery
060	98-9652	3	Holder-Valve, Delivery
070	98-9447	3	O-Ring
080	98-9434	3	Flange-Sleeve
090	98-9443	3	Pin-Joint
100	98-9423	6	O-Ring
110	105-2892	6	Screw
120	98-9422	3	Tappet ASM
130	98-9426	3	Pin-Guide, Tappet
140	98-9450	1	Pin-Clamp
150	98-9428	3	Spring-Plunger
160	98-9427	3	Seat-Spring, Upper
170	98-9429	3	Seat-Spring, Lower
180	98-9433	3	Shim
190	98-9463	1	Control-Rack
200	98-9465	1	Plate
210	98-9442	4	Screw
220	98-9432	3	Sleeve-Control
230	98-9464	1	Bolt-Joint
240	98-9445	2	Gasket

Ref	Part No.	Qty.	Description
250	98-9430	1	Screw
260	98-9446	1	Gasket
270	98-9466	1	Plug
280	98-9451	1	Gasket



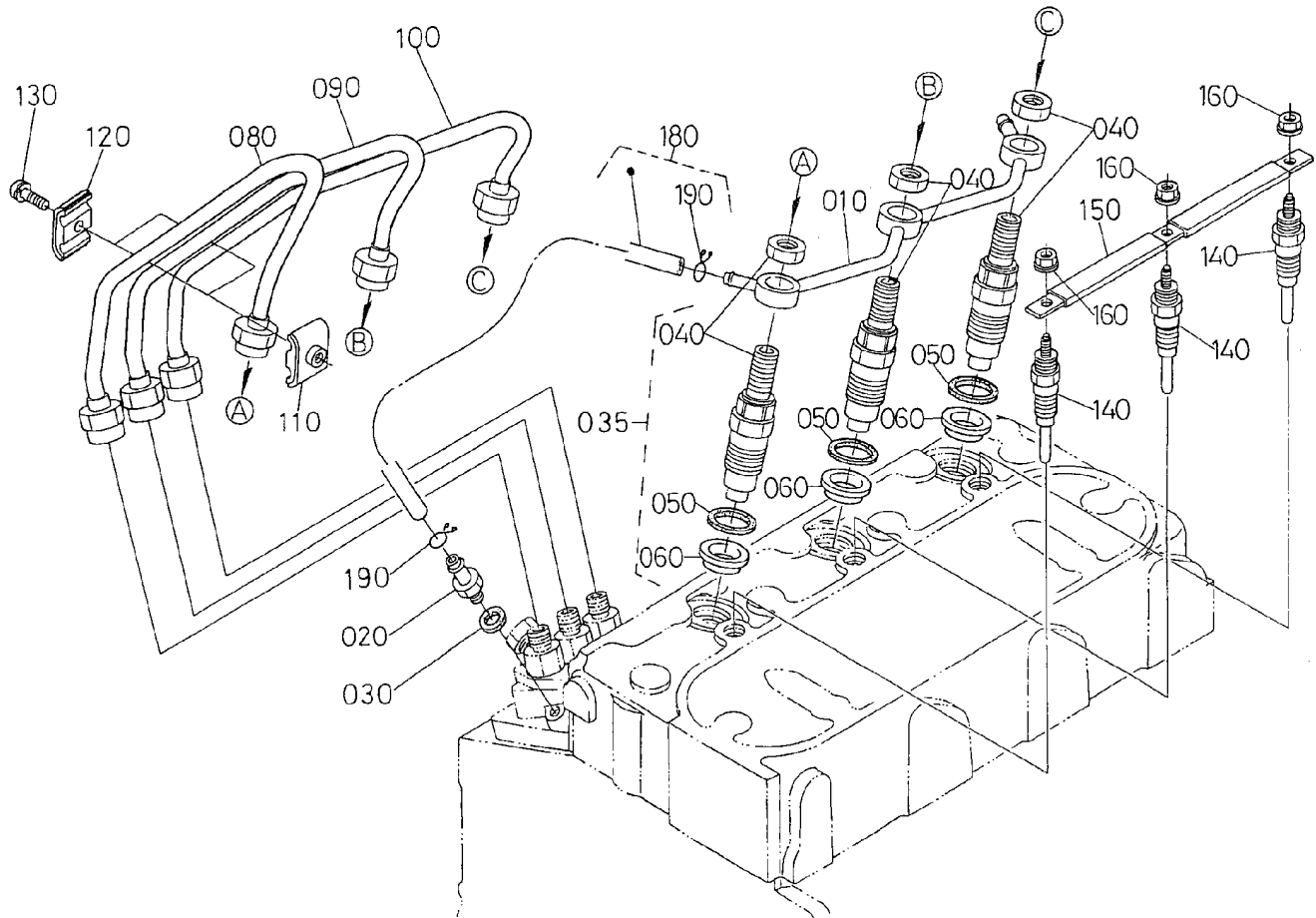
Governor Assembly

Ref	Part No.	Qty.	Description				
010	105-3786	1	Spring-Start				
020	98-9681	1	Spring-Governor				
030	105-3787	1	Fork Lever ASM				
040	99-8380	1	Fork Lever ASM				
050	105-3743	1	Lever-Fork				
060	98-9566	1	Shaft-Lever, Fork				
070	98-9593	1	Washer-Plain				
080	98-9570	1	Bearing-Miniaturize				
090	98-9369	1	Clip-Circular, External				
100	98-9569	1	Cover-Shaft, Fork Lever				
110	98-9682	1	Gasket				
120	98-9351	2	Bolt				
130	98-9567	1	Collar				
140	98-9571	1	Bearing-Miniaturize				



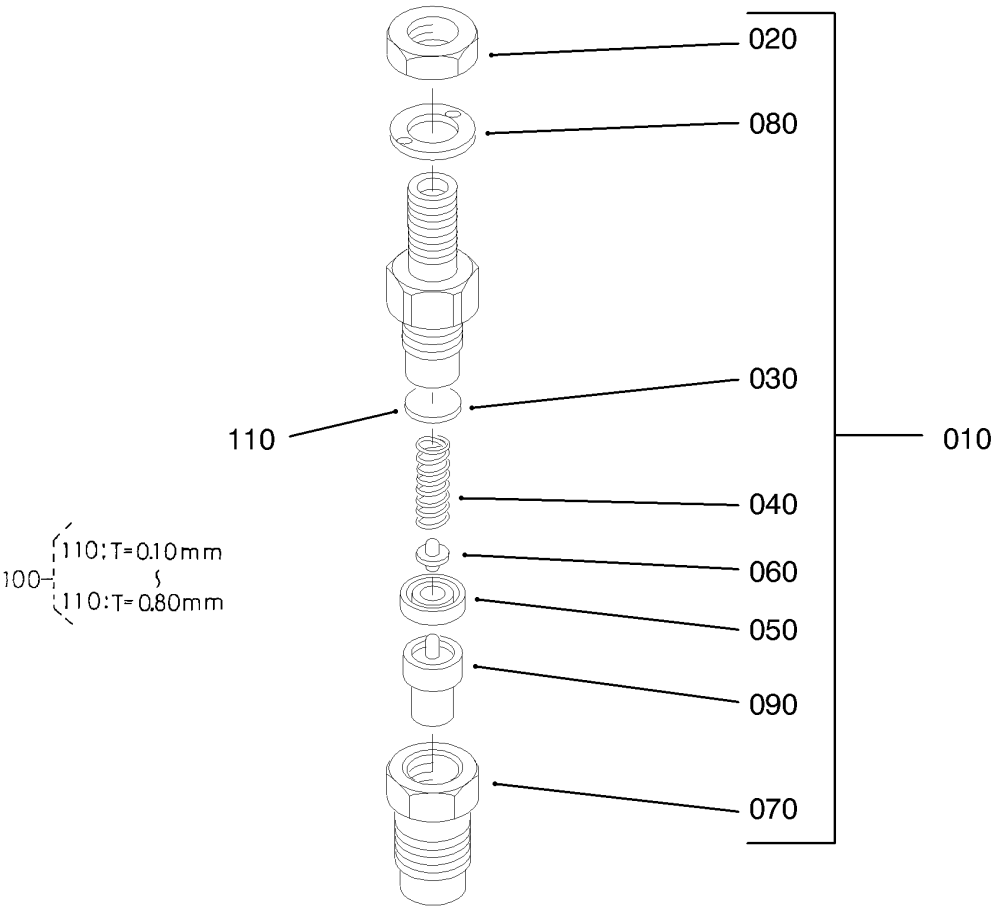
Speed Control Plate Assembly

Ref	Part No.	Qty.	Description				
010	98-9661	1	Control Plate ASM				
020	98-9662	1	Lever-Control, Speed				
030	98-9572	2	Lever-Control, Speed				
040	105-3788	1	O-Ring				
050	98-7602	2	Pin-Spring				
060	98-9594	2	Washer-Plain				
070	98-9589	2	Nut				
080	98-9658	1	Governor Lever ASM				
090	98-9663	1	Lever-Stop, Engine				
100	98-7601	1	Seal-Oil				
110	98-9472	1	Spring-Return				
120	98-9664	1	Shaft-Lever, Stop				
130	98-9637	1	Gasket				
140	98-7692	1	Bolt				
150	105-3710	2	Stud				
160	98-7572	2	Nut				
170	98-7699	2	Washer-Spring				
180	99-8348	1	Bolt				
190	98-7654	1	Gasket				



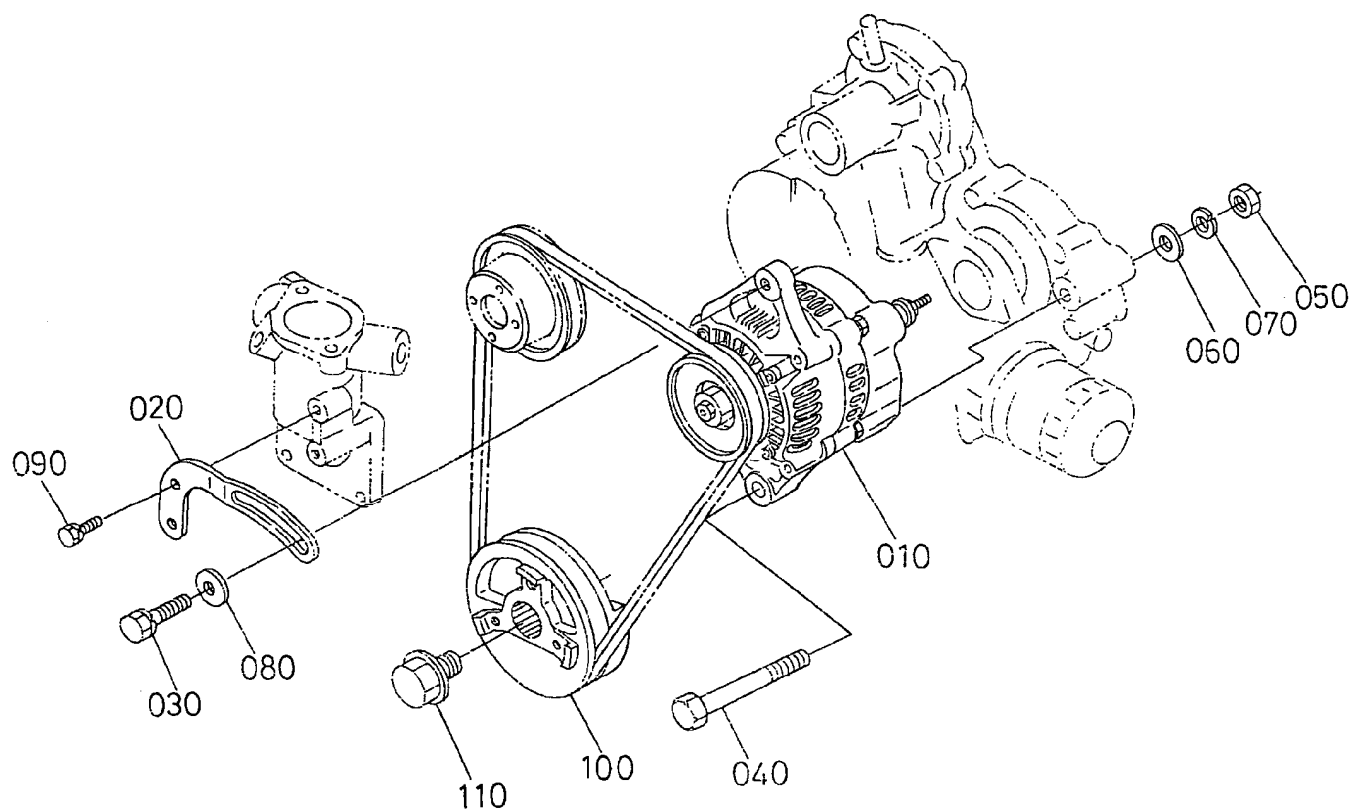
Nozzle Holder Glow Plug Assembly

Ref	Part No.	Qty.	Description				
010	98-9620	1	Over Flow Pipe ASM				
020	98-9431	1	Screw-Bleeder				
030	98-7654	1	Gasket				
035	105-3740	3	Nozzle Holder Kit				
040	98-9468	3	Nozzle Holder ASM				
050	98-7676	3	Gasket				
060	98-7677	3	Seal				
080	98-9653	1	Pipe-Injection				
090	98-9654	1	Pipe-Injection				
100	98-9655	1	Pipe-Injection				
110	98-7682	2	Clamp-Pipe				
120	98-7683	2	Clamp-Pipe				
130	98-7684	2	Screw W/washer ASM				
140	98-9695	3	Plug-Glow				
150	98-9631	3	Cord-Plug, Glow				
160	99-8377	3	Nut-Flange				
180	98-9420	1	Over Flow Pipe ASM				
190	98-7671	2	Clip-Pipe				



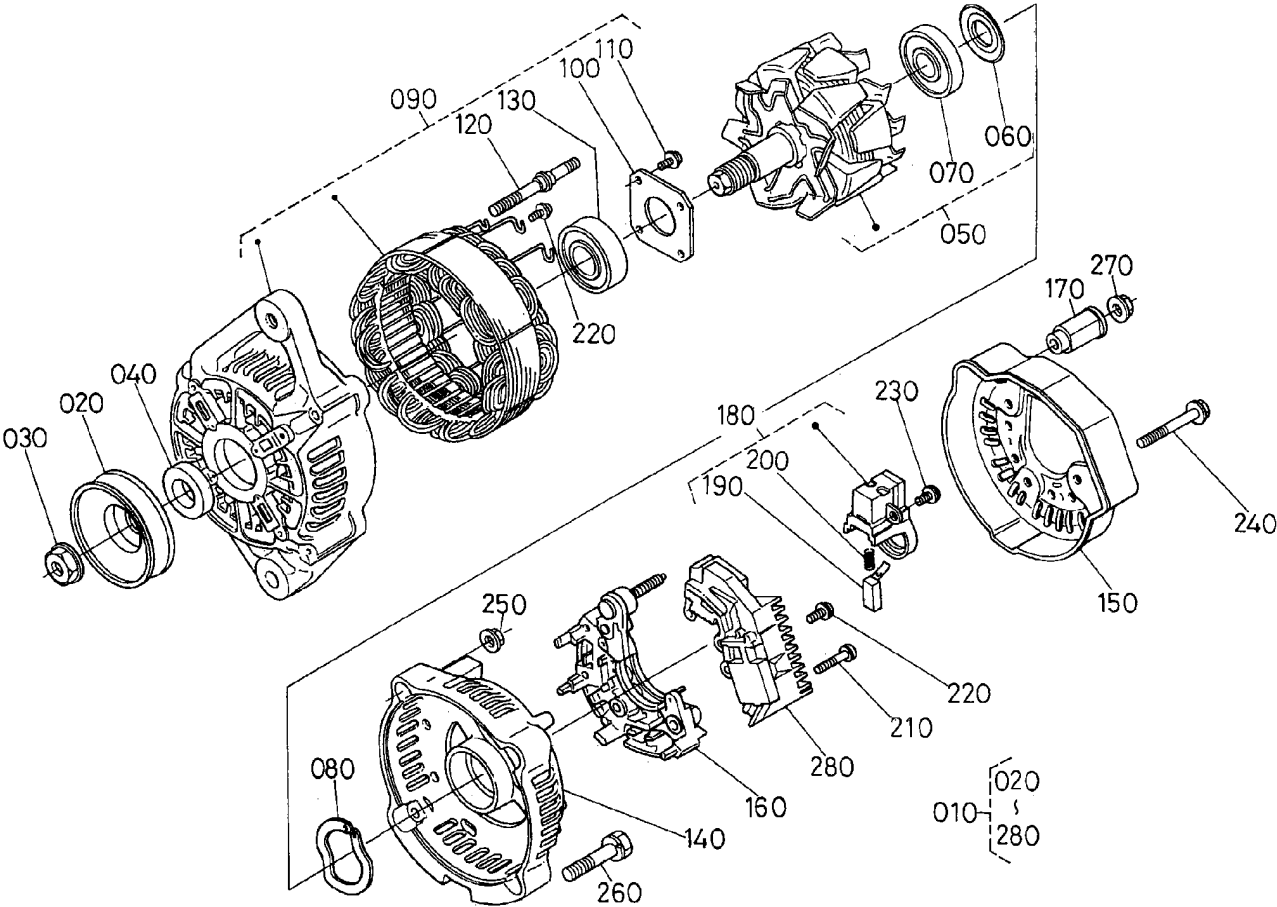
Nozzle Holder Assembly No. 98-9468

Ref	Part No.	Qty.	Description				
010	98-9468	3	Nozzle Holder ASM				
020	99-8301	3	Nut				
030	99-8302	3	Washer-Adjusting				
040	99-8303	3	Spring-Nozzle				
050	99-8304	3	Spacer-Distance				
060	99-8305	3	Rod-Push				
070	99-8306	3	Nut-Nozzle				
080	99-8307	3	Washer-Plain				
090	99-8308	3	Piece-Nozzle				
100	99-8309	3	Adjusting Washer ASM				
110	99-8315	3	Washer-Adjust (0.52mm)				
110	99-8316	3	Washer-Adjust (0.54mm)				
110	99-8317	3	Washer-Adjust (0.56mm)				
110	99-8318	3	Washer-Adjust (0.58mm)				
110	99-8319	3	Washer-Adjust (0.80mm)				
110	99-8310	3	Washer-Adjust (0.10mm)				
110	99-8311	3	Washer-Adjust (0.20mm)				
110	99-8312	3	Washer-Adjust (0.30mm)				
110	99-8313	3	Washer-Adjust (0.40mm)				
110	99-8314	3	Washer-Adjust (0.50mm)				



Alternator and Pulley Assembly

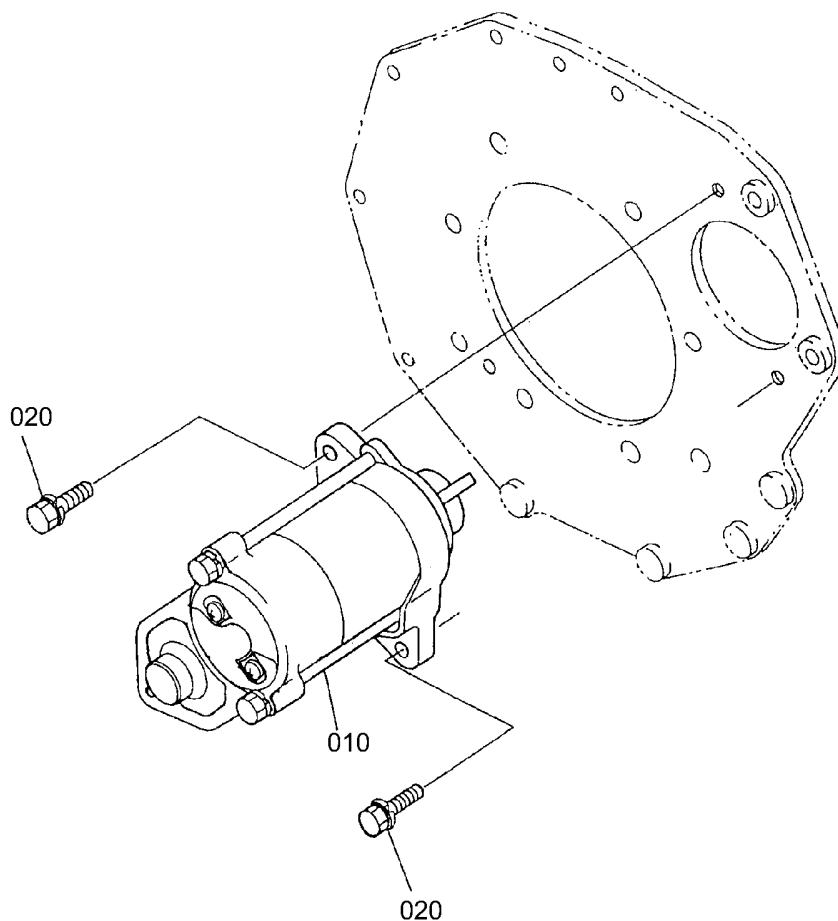
Ref	Part No.	Qty.	Description				
010	98-9474	1	Alternator ASM				
020	98-9573	1	Stay-Dynamo				
030	98-7697	1	Bolt				
040	98-9360	1	Bolt				
050	98-7737	1	Nut				
060	3256-24	1	Washer-Flat				
070	98-7738	1	Washer-Spring				
080	100-9233	1	Washer-Plain				
090	98-7692	1	Bolt				
100	98-9473	1	Pulley-Drive, Fan				
110	98-9585	1	Bolt				



Alternator Assembly

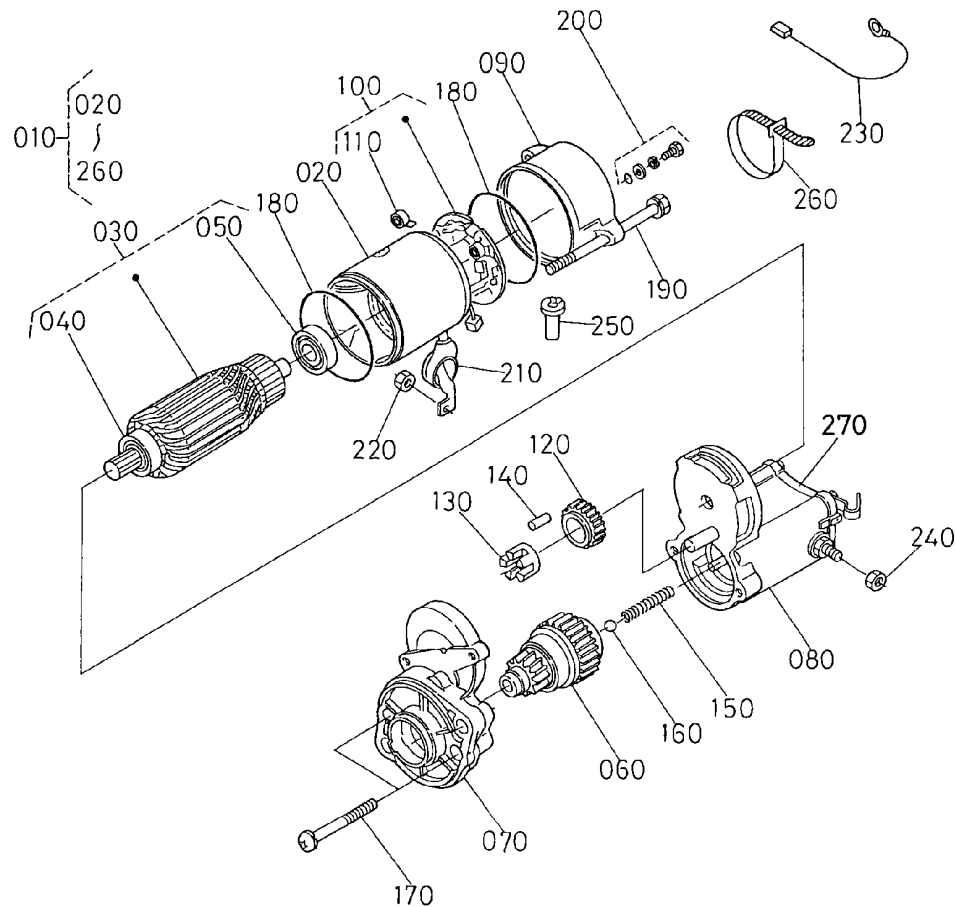
Ref	Part No.	Qty.	Description
010	98-9474	1	Alternator ASM
020	98-9453	1	Pulley-Dynamo
030	98-7708	1	Nut
040	98-7709	1	Collar
050	98-7710	1	Rotor
060	98-7711	1	Cover-Bearing
070	98-7712	1	Bearing-Ball
080	98-7713	1	Washer-Thrust
090	98-7714	1	Frame-End, Drive
100	98-7715	1	Plate-Retainer
110	98-7716	4	Screw-Head, Round
120	98-7717	2	Bolt-Through
130	98-7718	1	Bearing-Ball
140	98-7719	1	Frame-End
150	98-7720	1	Cover-End
160	98-7721	1	Rectifier ASM
170	98-7722	1	Bushing-Insulation
180	98-7723	1	Holder-Brush
190	98-7724	2	Brush
200	98-7725	2	Spring-Brush
210	98-7726	2	Screw-Head, Round
220	98-7727	6	Screw-Head, Round
230	98-7728	1	Screw-Head, Round
240	98-7729	3	Bolt

Ref	Part No.	Qty.	Description
250	98-7730	2	Nut
260	98-7731	2	Bolt
270	98-7732	1	Nut
280	98-7733	1	Regulator ASM



Starter Mount Assembly

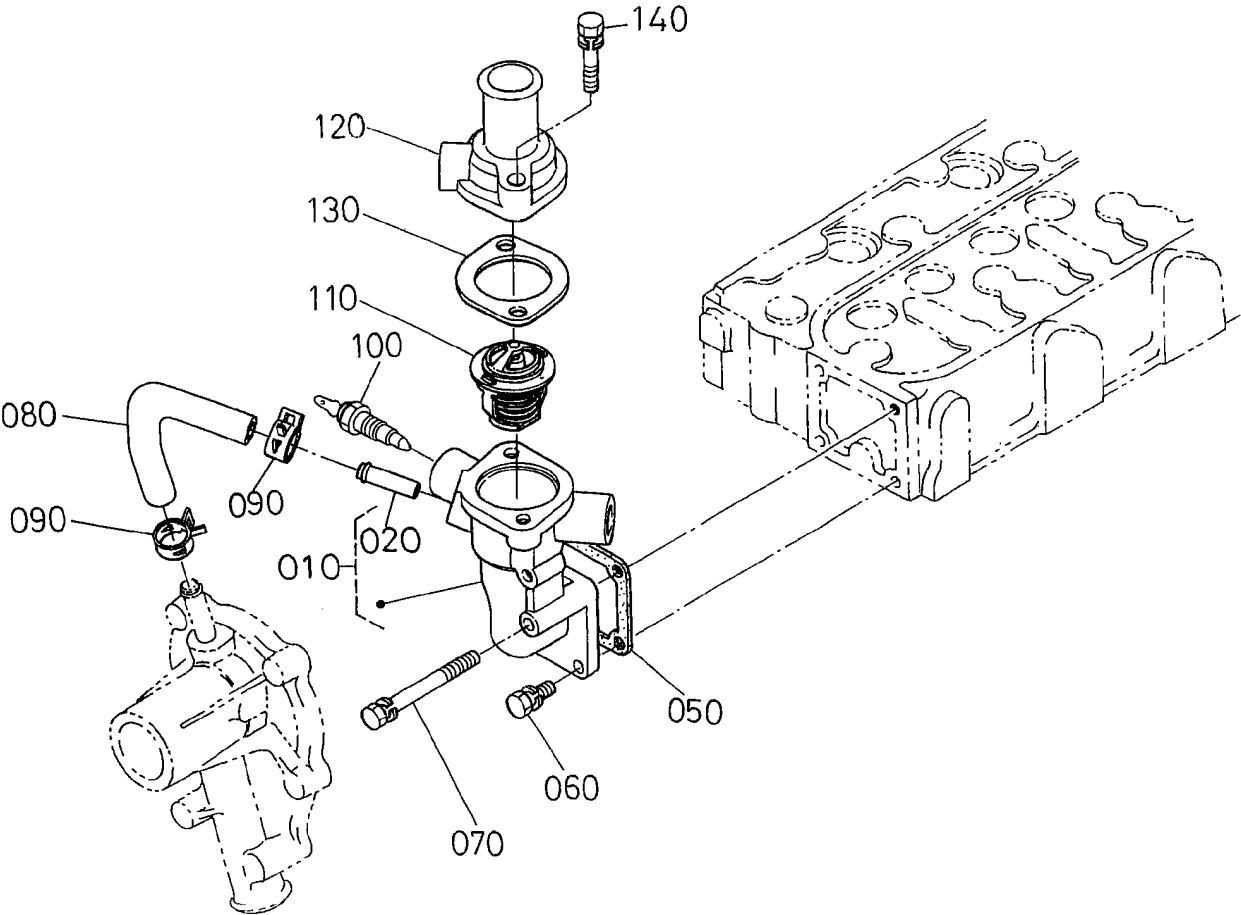
Ref	Part No.	Qty.	Description
010	98-9705	1	Starter ASM
020	98-7697	2	Bolt



Starter Assembly No. 98-9705

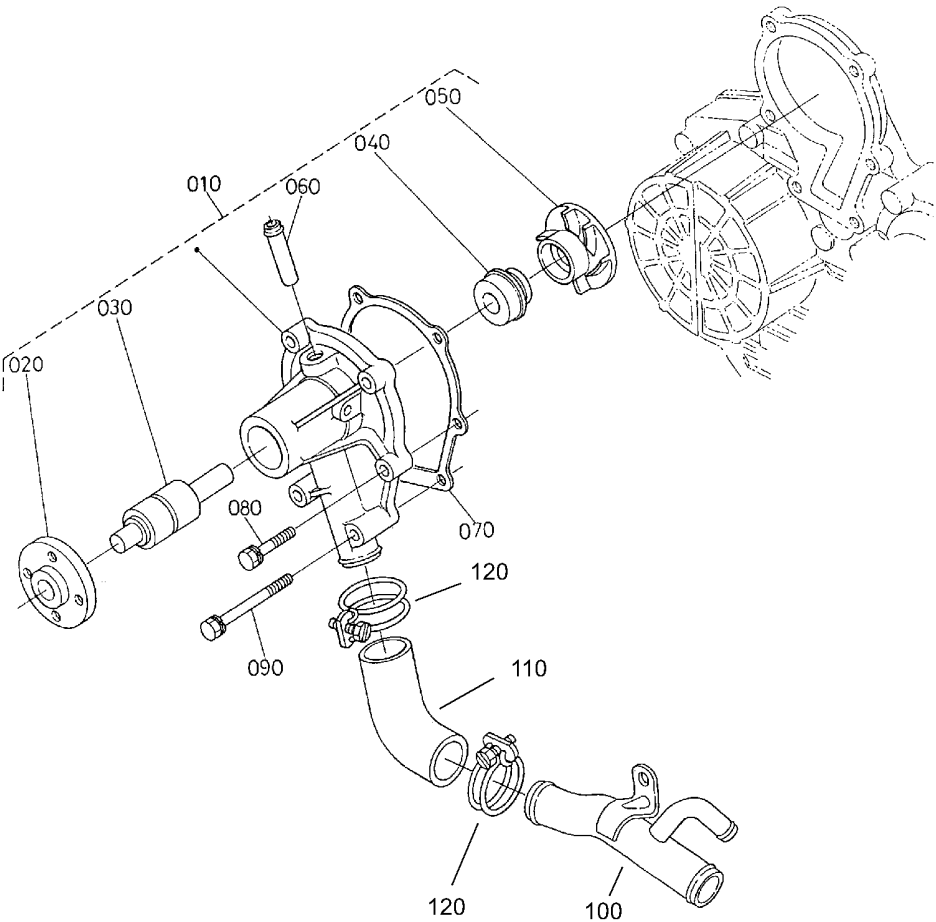
Ref	Part No.	Qty.	Description
010	98-9705	1	Starter ASM
020	104-8608	1	Yoke ASM
030	98-7742	1	Armature ASM
040	98-7744	1	Bearing
050	98-7743	1	Bearing
060	99-8373	1	Clutch-Running, Over
070	99-8374	1	Frame-End, Drive
080	105-3746	1	Magnetic Switch ASM
090	98-7748	1	Frame-End
100	98-7749	1	Brush Holder ASM
110	98-7750	4	Spring-Brush
120	98-7751	1	Gear
130	98-7752	1	Retainer
140	98-7753	5	Roller
150	98-7754	1	Spring
160	98-7755	1	Ball
170	98-7756	2	Bolt
180	98-7757	2	O-Ring
190	100-9240	2	Bolt
200	98-7758	2	Bolt ASM
210	99-8375	1	Cover
220	99-8371	1	Nut-Hex
230	98-9711	1	Cord-Solenoid, Stop
240	99-8376	1	Nut-Hex

Ref	Part No.	Qty.	Description
250	98-7759	1	Pipe-Drain
260	98-9712	1	Band-Cover
270	105-2886	1	Cover ASM



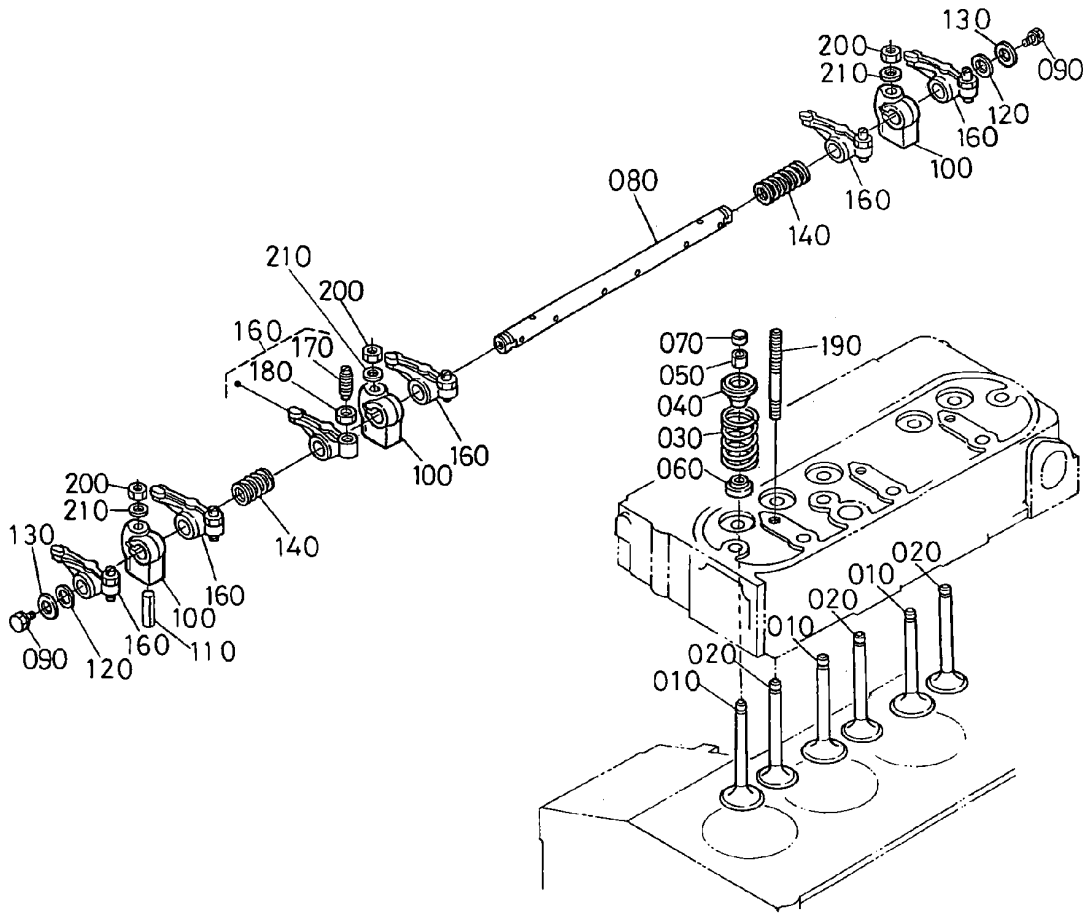
Water Flange and Thermostat Assembly

Ref	Part No.	Qty.	Description				
010	98-9713	1	Water Flange ASM				
020	98-9580	1	Pipe-Return, Water				
050	98-9638	1	Gasket-Flange, Water				
060	98-7692	3	Bolt				
070	98-9356	1	Bolt				
080	98-9578	1	Pipe-Return, Water				
090	98-9579	2	Band-Pipe				
100	98-9719	1	Thermoswitch				
110	98-7778	1	Thermostat ASM				
120	98-9471	1	Cover-Thermostat				
130	105-3748	1	Gasket-Thermostat				
140	98-7777	2	Bolt				



Water pump and Water Pipe Assembly

Ref	Part No.	Qty.	Description				
010	98-9575	1	Water Pump ASM				
020	98-9582	1	Flange-Pump, Water				
030	98-9583	1	Bearing				
040	98-9576	1	Mechanical Seal ASM				
050	98-9581	1	Impeller-Pump, Water				
060	98-9577	1	Pipe-Return, Water				
070	98-9632	1	Gasket-Pump, Water				
080	105-3789	1	Bolt				
090	98-9357	4	Bolt				
100	98-9716	1	Pipe-Water				
110	98-9574	1	Pipe-Water				
120	98-9717	2	Clamp				



Valve and Rocker Arm Assembly

Ref	Part No.	Qty.	Description				
010	98-9494	3	Valve-Inlet				
020	98-9495	3	Valve-Exhaust				
030	98-9648	6	Spring-Valve				
040	98-9498	6	Retainer-Valve				
050	98-9390	6	Collet-Set, Valve Spring				
060	99-8385	6	Seat-Stem, Valve				
070	98-9497	6	Cap-Valve				
080	105-3790	1	R-Arm Shaft ASM				
090	100-9265	2	Bolt				
100	98-9505	3	Bracket-Arm, Rocker				
110	98-7602	1	Pin-Spring				
120	98-9507	2	Washer-Shaft, R-Arm				
130	3256-1	2	Washer-Flat				
140	98-9504	2	Spring-Arm, Rocker				
160	98-9501	6	Rocker Arm ASM				
170	98-9502	6	Screw-Adjusting				
180	98-9503	6	Nut				
190	98-9506	3	Stud				
200	98-9393	3	Nut				
210	98-9385	3	Washer-Flat				

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