



Groundsmaster® 225

Model No. 30230 - 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.

Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

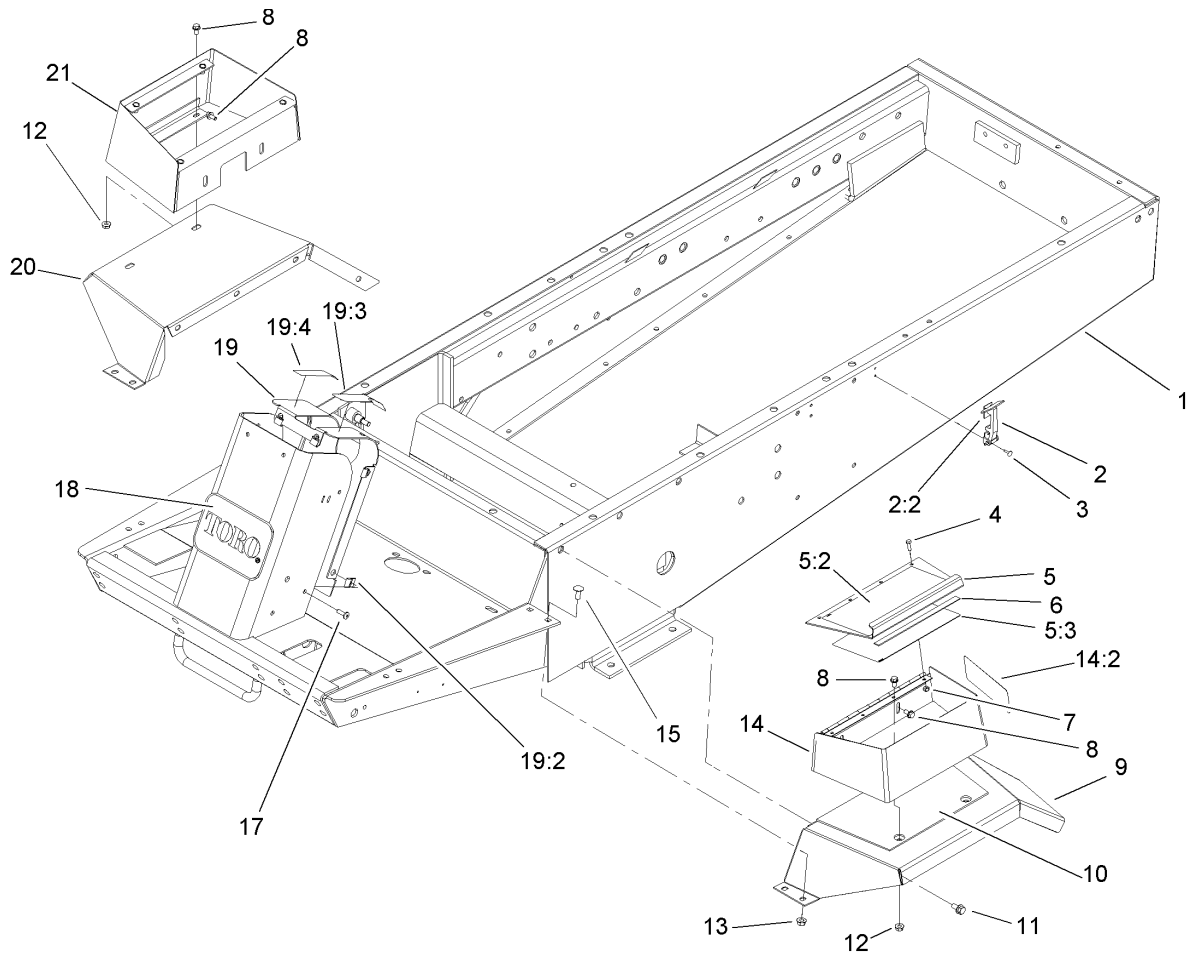
AR.	as required	HYD.	hydraulic
ASM.	assembly	INC.	incorporated
CARR.	carriage	LH.	left hand
DEG.	degrees	NI.	nylon insert
FH.	flat head	PPH.	phillips pan head
GA.	gauge	PTH.	phillips truss head
HF.	hex flange	PTO.	power take off
HH.	hex head	RH.	right hand
HHF.	hex head flange	SFH.	slotted fillister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

Footnotes

- ❶ Not illustrated ❷ Not serviced separately

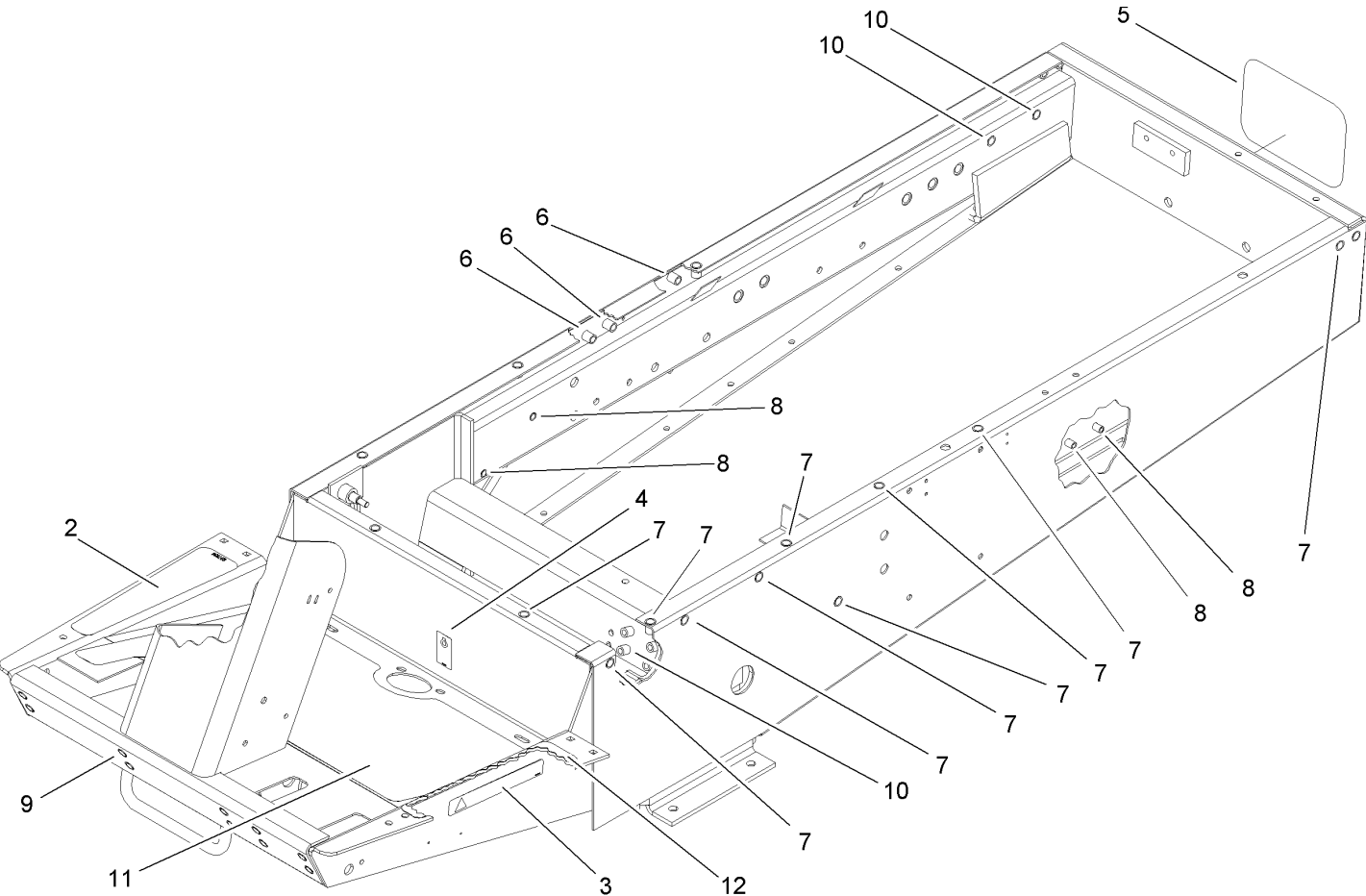
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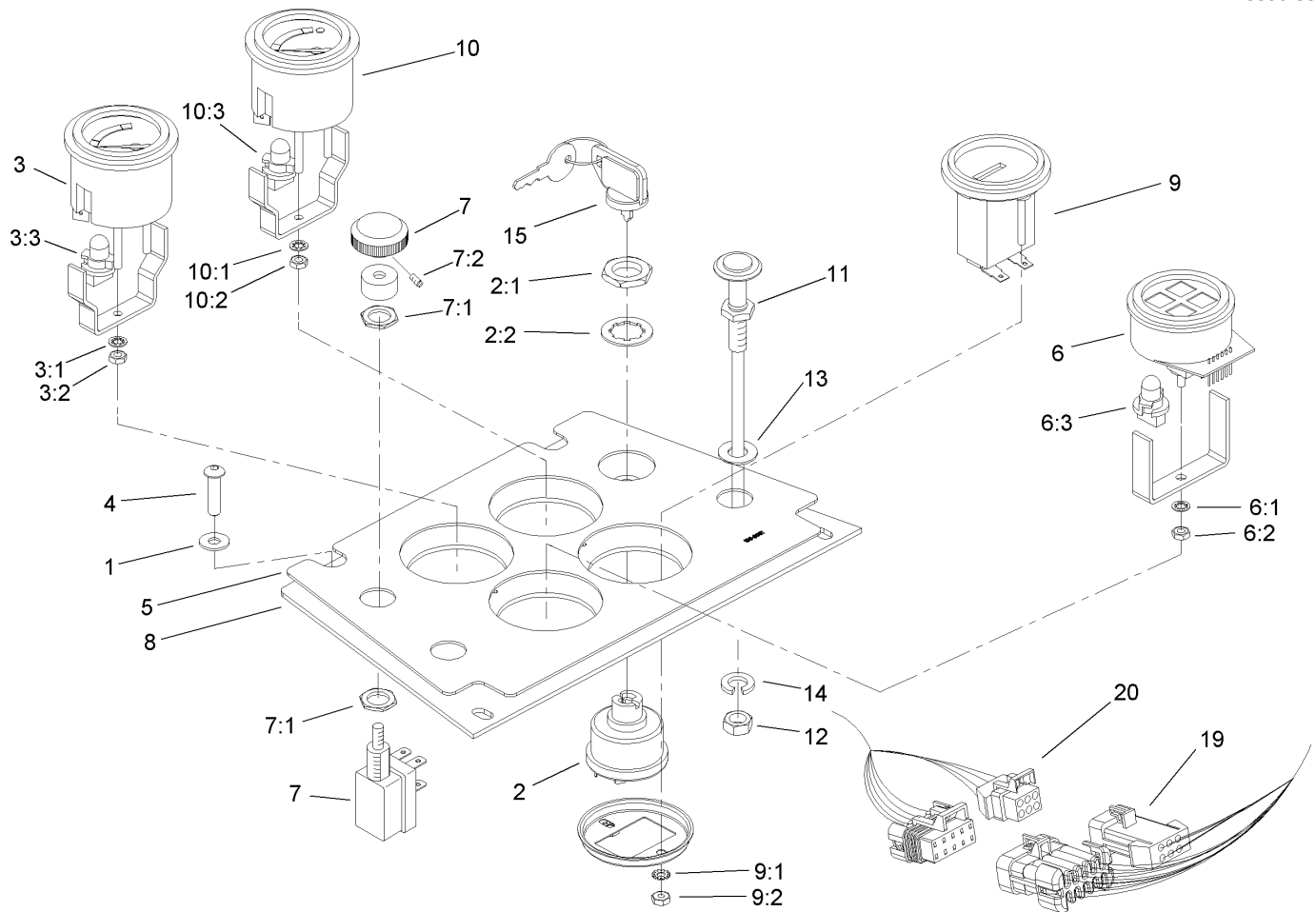
Frame and Fender Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	107-2913	1	Frame ASM	19:4	82-8940	1	Decal-Steering, Tilt
2	59-9740	1	Flex Draw Latch ASM	20	63-7300-01	1	Fender-RH
2:2	249-40	1	Keeper	21	63-8050	1	Box-Control
3	3290-271	4	Rivet-Pop				
4	3290-359	4	Screw-HWH				
5	106-8066	1	Tool Box Cover ASM				
5:2	92-5774	1	Decal-Danger				
5:3	106-8065	1	Decal-Service				
6	66-3050	1	Latch-Box, Tool				
7	3296-12	4	Nut-Lock				
8	3234-13	8	Screw-HHF				
9	63-7310-01	1	Fender-LH				
10	76-4790	1	Pad-Rubber				
11	3234-14	8	Screw-HHF				
12	32128-33	4	Nut-HF				
13	32128-20	4	Nut-HF				
14	92-6501	1	Tool Box ASM				
14:2	93-7822	1	Decal-Refueling				
15	3230-23	4	Screw-CARR				
17	3250-32	6	Screw-PPH				
18	104-3989	1	Decal				
19	105-7180	1	Tower Panel ASM				
19:2	105-7170	6	Nut-Retainer				
19:3	105-7179	1	Decal-Brake, Parking				



Frame Assembly No. 107-2913

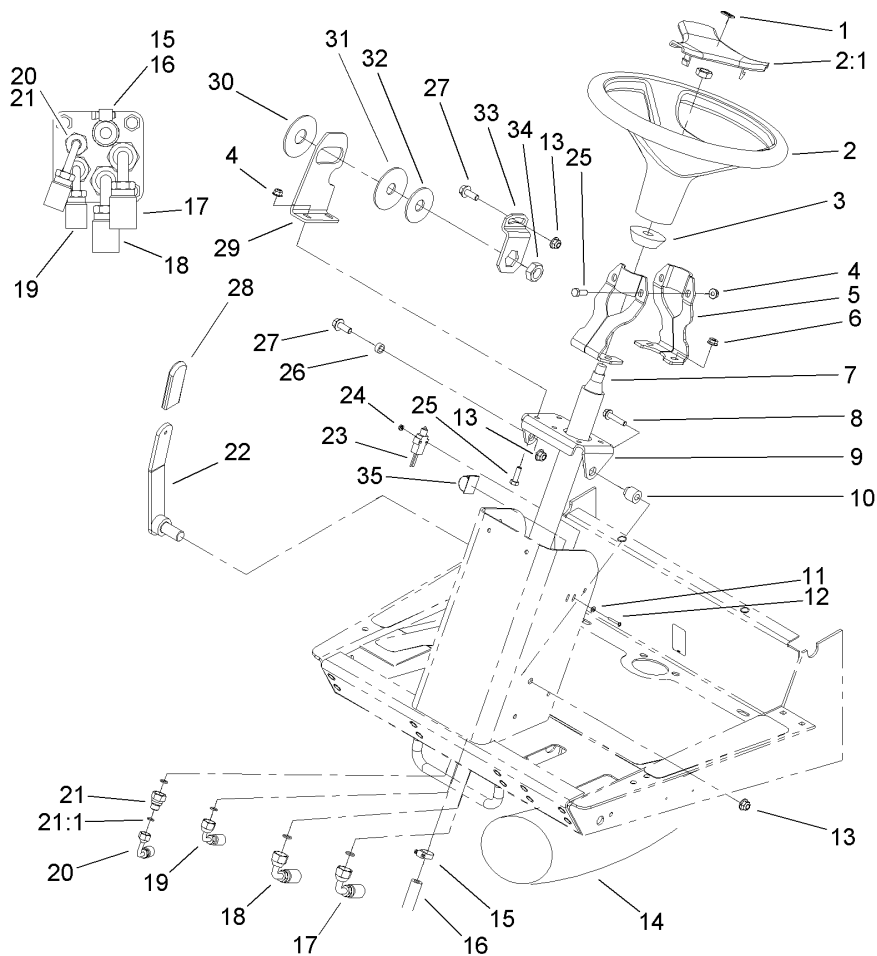
Ref	Part No.	Qty.	Description				
2	93-7834	1	Decal-Footrest, RH				
3	93-7830	2	Decal-Torque				
4	93-6686	1	Decal-Oil, HYD				
5	62-7400	1	Decal				
6	32148-9	3	Insert-Nut				
7	32148-7	22	Insert-Nut				
8	32148-11	4	Insert-Threaded				
9	32148-10	10	Insert-Threaded				
10	32148-8	6	Insert-Threaded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



Control Panel Assembly

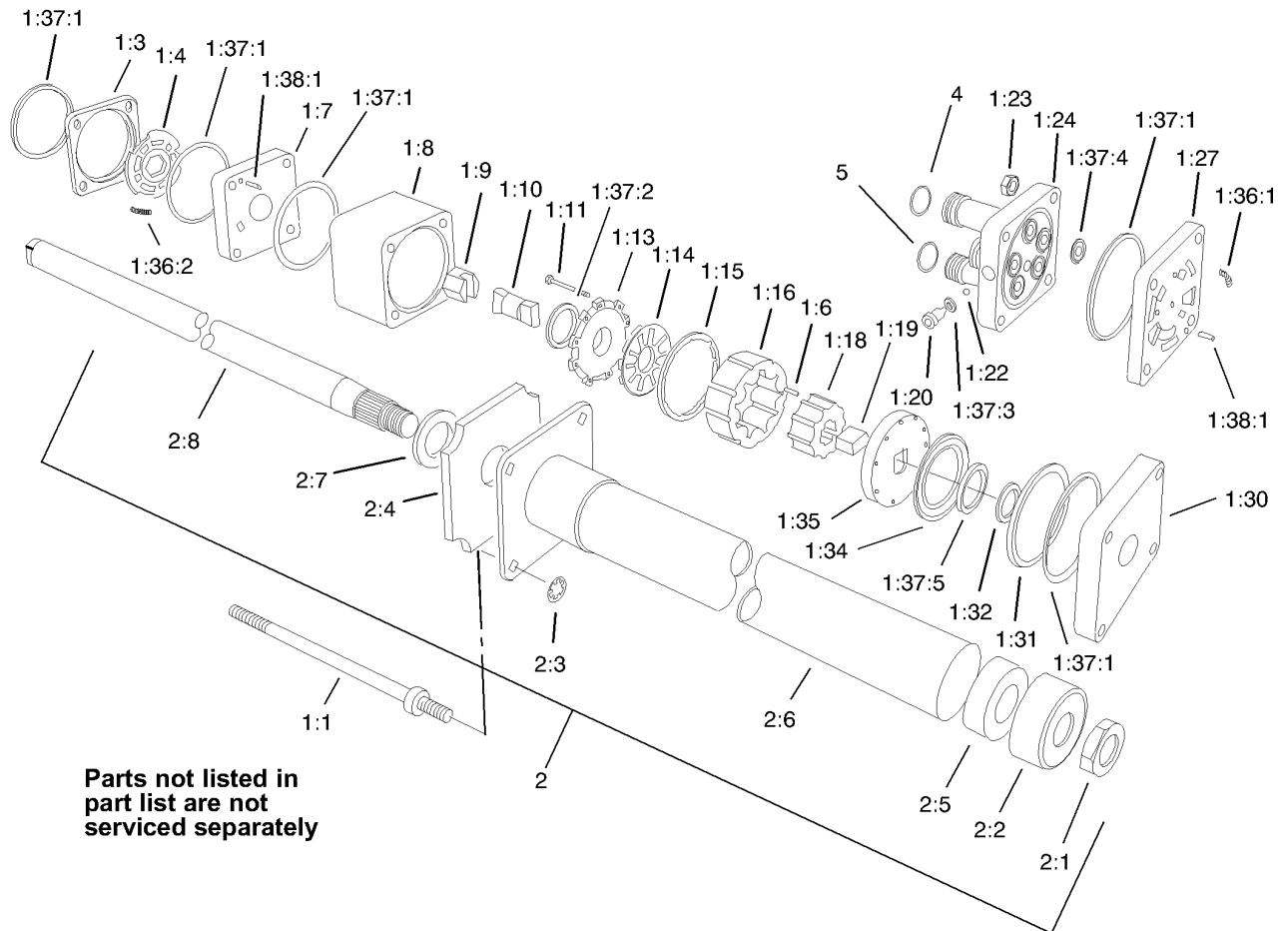
Ref	Part No.	Qty.	Description
1	3256-1	4	Washer-Flat
2	104-2541	1	Switch-Key
2:1	218-461	1	Nut-HH
2:2	3254-5	1	Washer-Tooth
3	105-2540	1	Gauge-Temp, Gas
3:1	3254-1	3	Washer-Lock, Int
3:2	3217-27	3	Nut-Hex
3:3	105-9265	1	Bulb And Lamp ASM
4	3274-65	4	Screw-HSBH
5	106-8091	1	Decal-Panel
6	98-9306	1	Light-Warning
6:1	3254-1	1	Washer-Lock, Int
6:2	3217-27	1	Nut-Hex
6:3	105-9264	4	Bulb And Lamp ASM
7	95-6309	1	Switch-PTO
7:1	3218-19	2	Nut-HJ
7:2	3298-8	1	Screw-Set
8	105-4279-03	1	Panel-Control
9	66-2950	1	Gauge-Hourmeter
9:1	3255-20	2	Washer-Lock
9:2	3217-25	2	Nut-Hex
10	98-9339	1	Gauge-Fuel
10:1	3254-1	3	Washer-Lock, Int
10:2	3217-27	3	Nut-Hex

Ref	Part No.	Qty.	Description
10:3	105-9265	1	Bulb And Lamp ASM
11	94-9425	1	Choke Control ASM
12	3220-3	1	Nut-Jam
13	3256-24	1	Washer-Flat
14	3253-21	1	Washer-Lock
15	63-8360	1	Key-Ignition
19	105-2529	1	Harness-Wire, Main
20	105-0024	1	Harness-Wire, Gauges



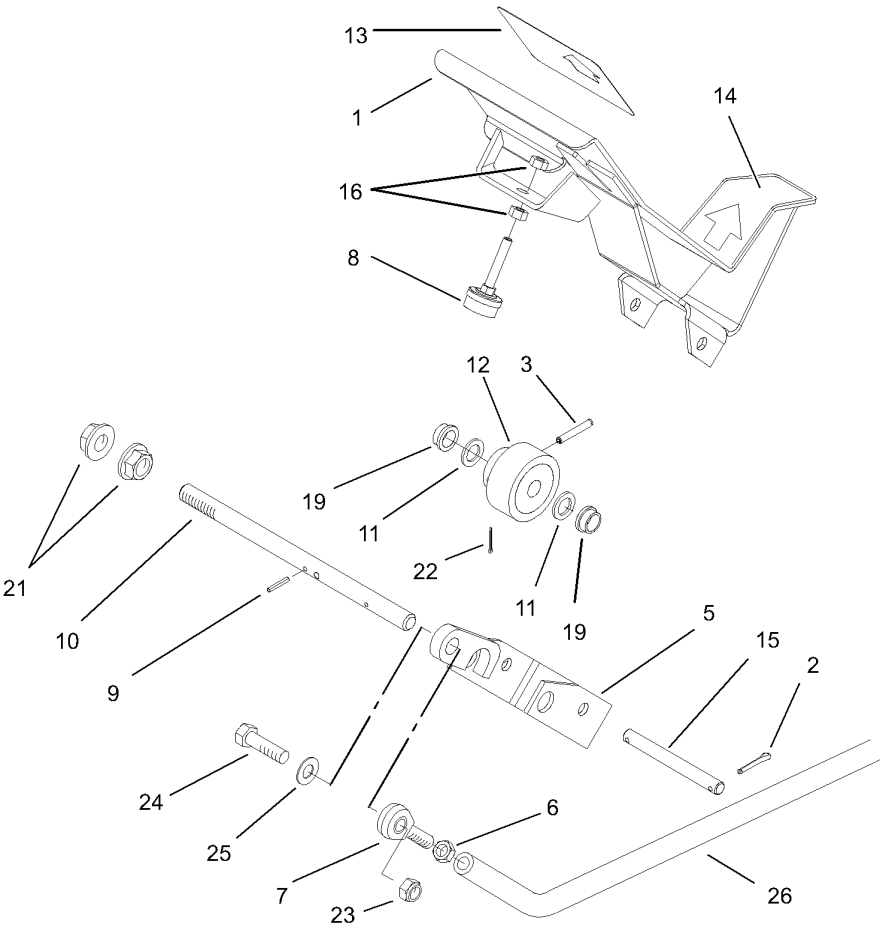
Power Steering Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	98-1459	1	Decal	23	99-3410	1	Switch
2	98-1471	1	Wheel-Steering	24	32149-6	2	Nut-Keps
2:1	98-1468	1	Cover-Wheel, Steering	25	322-5	4	Screw-HH
3	93-5429	1	Collar-Foam	26	80-2960	1	Spacer-Tower
4	104-8300	4	Nut-Flange, NI	27	3234-42	2	Screw-HHF
5	105-7191-03	2	Support-Column	28	21-1880	1	Grip-Handle
6	32128-16	4	Nut-HHF	29	105-7181-03	1	Plate-Pivot
7	92-7308	1	Power Steering Unit ASM	30	31-0390	1	Disc-Friction
8	3234-18	1	Screw-HHF	31	82-9010	1	Disc-Friction
9	105-7155-03	1	Bracket-Pivot	32	80-2930	1	Washer-Flat
10	105-7166	1	Spacer	33	80-2880	1	Bracket-Tilt
11	3256-53	2	Washer-Flat	34	3218-7	1	Nut-Jam
12	3250-35	2	Screw-PPH	35	105-7188	2	Clamp-Adhesive Backed
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	105-7174	1	HYD Hose ASM				
18	105-7173	1	HYD Hose ASM				
19	105-7176	1	HYD Hose ASM				
20	105-7175	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				



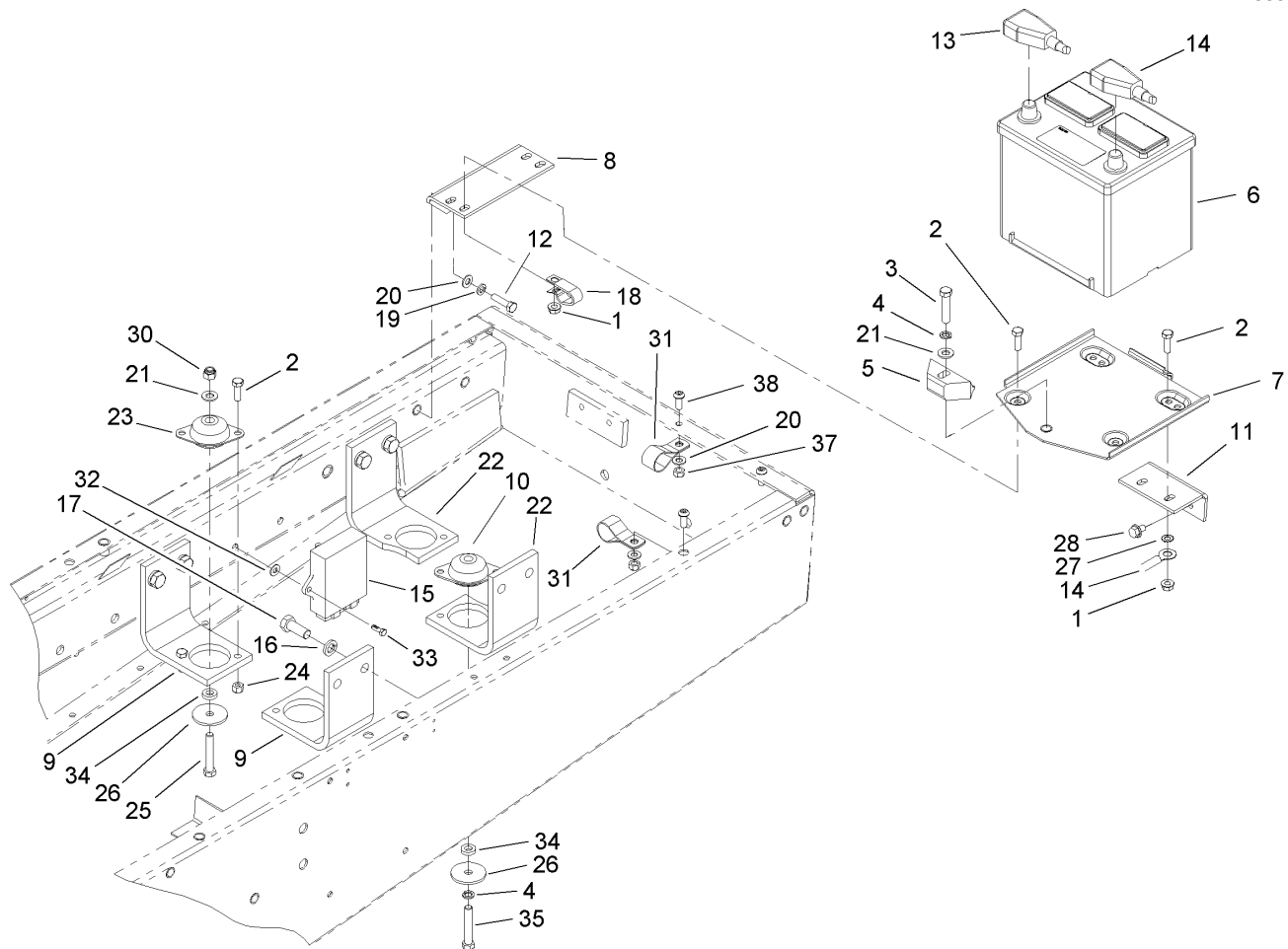
Power Steering Unit Assembly No. 92-7308

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1:1	92-7310	4	Bolt-Special	1:36	66-9970	1	Spring Kit
2:1:3		1	Ring-Valve	2:1:36:1		3	Spring
2:1:4		1	Plate-Valve	2:1:36:2		3	Spring
2:1:6		9	Pin-Alignment	1:37	66-9980	1	Seal Kit
2:1:7		1	Manifold-Isolation	2:1:37:1		5	Ring-Seal
2:1:8		1	Ring-Metering	2:1:37:2		1	Seal-Commutator
2:1:9		1	Hex Drive ASM	2:1:37:3		1	O-Ring
2:1:10		1	Link-Drive	2:1:37:4		5	O-Ring
2:1:11		11	Screw-HSH	2:1:37:5		1	Seal-Face
2:1:13		1	Cover-Commutator	1:38	66-9990	1	Needle Roller Kit
2:1:14		1	Commutator	2:1:38:1		9	Pin-Alignment
2:1:15		1	Ring-Commutator	2	92-7314	1	Column ASM
2:1:16		1	Stator	2:1	3220-6	1	Nut-Jam
2:1:18		1	Rotor	2:2	92-7315	1	Seal-Upper
2:1:19		1	Spacer-Link, Drive	2:3	92-7316	4	Nut-Push On
2:1:20		1	Plug	2:4	92-7317	1	Seal-Foam, Upper Cover
2:1:22		1	Ball	2:5		1	Bearing
2:1:23		4	Nut-Hex	2:6		1	Cover-Upper
2:1:24		1	Cover-Port	2:7		1	Washer-Retaining
2:1:27		1	Manifold-Port	2:8		1	Shaft-Input
2:1:30		1	Plate-Cover, Upper	4	237-30	2	O-Ring
2:1:31		1	Spacer-Bearing, Thrust	5	237-22	2	O-Ring
2:1:32		1	Spacer-Seal				
2:1:34		1	Bearing-Thrust				
2:1:35		1	Plate-Drive				



Traction Pedal Assembly

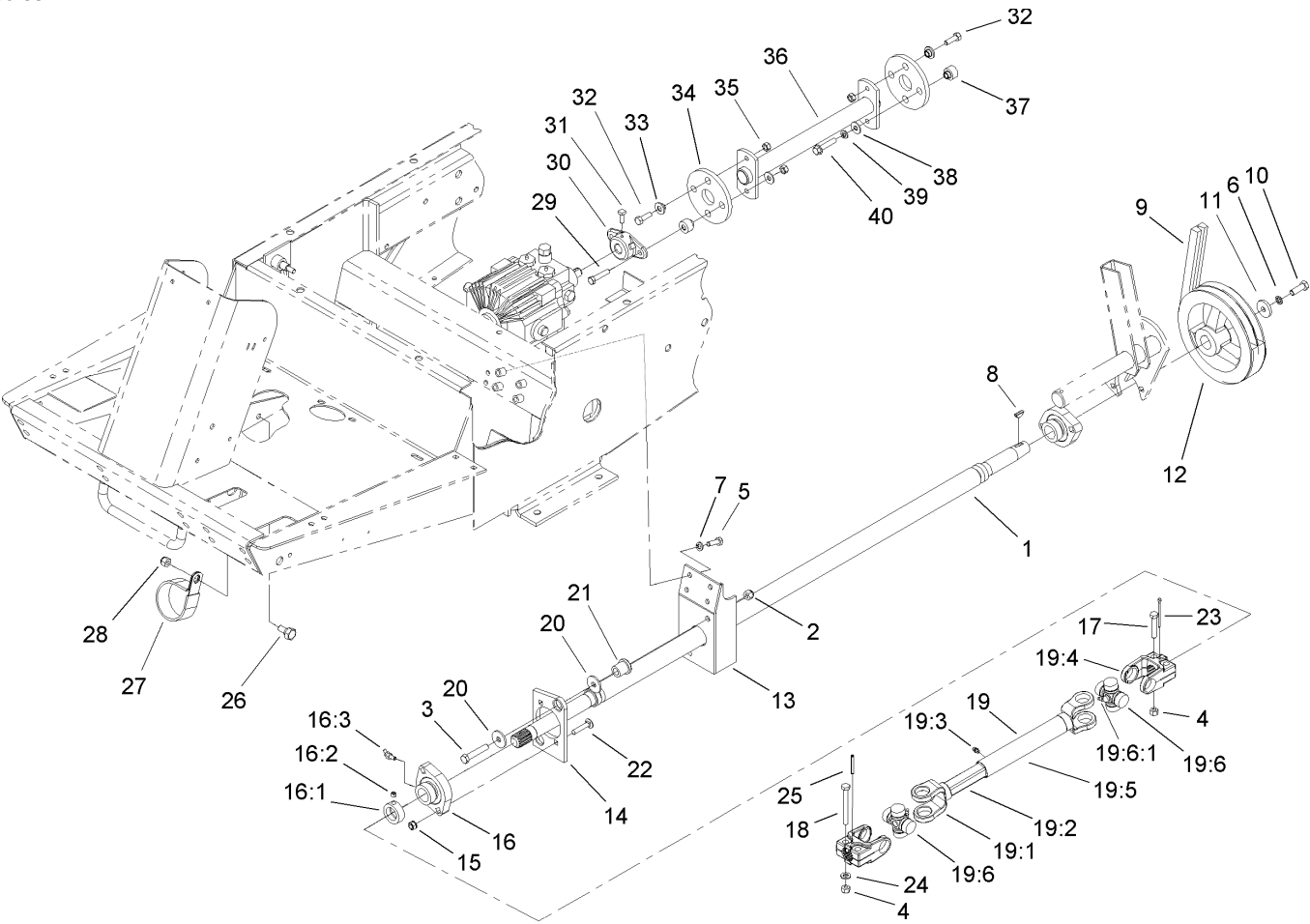
Ref	Part No.	Qty.	Description				
1	105-7150-03	1	Pedal ASM				
2	3272-10	2	Pin-Cotter				
3	32121-6	1	Pin-Roll				
5	92-8854-03	1	Bracket-Pivot				
6	3220-3	1	Nut-Jam				
7	2411-36	1	Bearing-End, Rod				
8	32141-36	1	Screw-Adjustment, Level				
9	32121-50	1	Pin-Spring				
10	92-5534	1	Shaft-Pedal, Traction				
11	5-7570	2	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	1	Pin-Cotter				
23	3296-39	1	Nut-Lock, NI				
24	323-29	1	Screw-HH				
25	3256-24	1	Washer-Flat				
26	63-6410-03	1	Tube-Pump, Control				



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	105-1223	1	Cable-Positive
14	63-7340	1	Cable-Battery, Negative
15	99-9262	1	Module-Ignition
16	3253-7	8	Washer-Lock
17	3213-2	8	Screw-HH
18	92-5753	1	Clamp-Hose
19	3253-4	2	Washer-Lock
20	3256-23	4	Washer-Flat
21	3256-24	4	Washer-Flat
22	95-6272-03	2	Bracket-Engine Mount
23	63-7140	3	Mount-Shock, Engine
24	3296-29	8	Nut-Lock, NI

Ref	Part No.	Qty.	Description
25	323-11	3	Screw-HH
26	63-7400	4	Washer-Rebound
27	3255-8	1	Washer-Lock
28	3234-30	2	Screw-HHF
30	3296-39	3	Nut-Lock, NI
31	98-3883	2	Clamp-Wire
32	3256-22	2	Washer-Flat
33	3274-8	2	Screw-HSH
34	80-7730	4	Spacer
35	323-10	1	Screw-HH
37	33024-00	2	Nut-Lock
38	3274-96	2	Screw

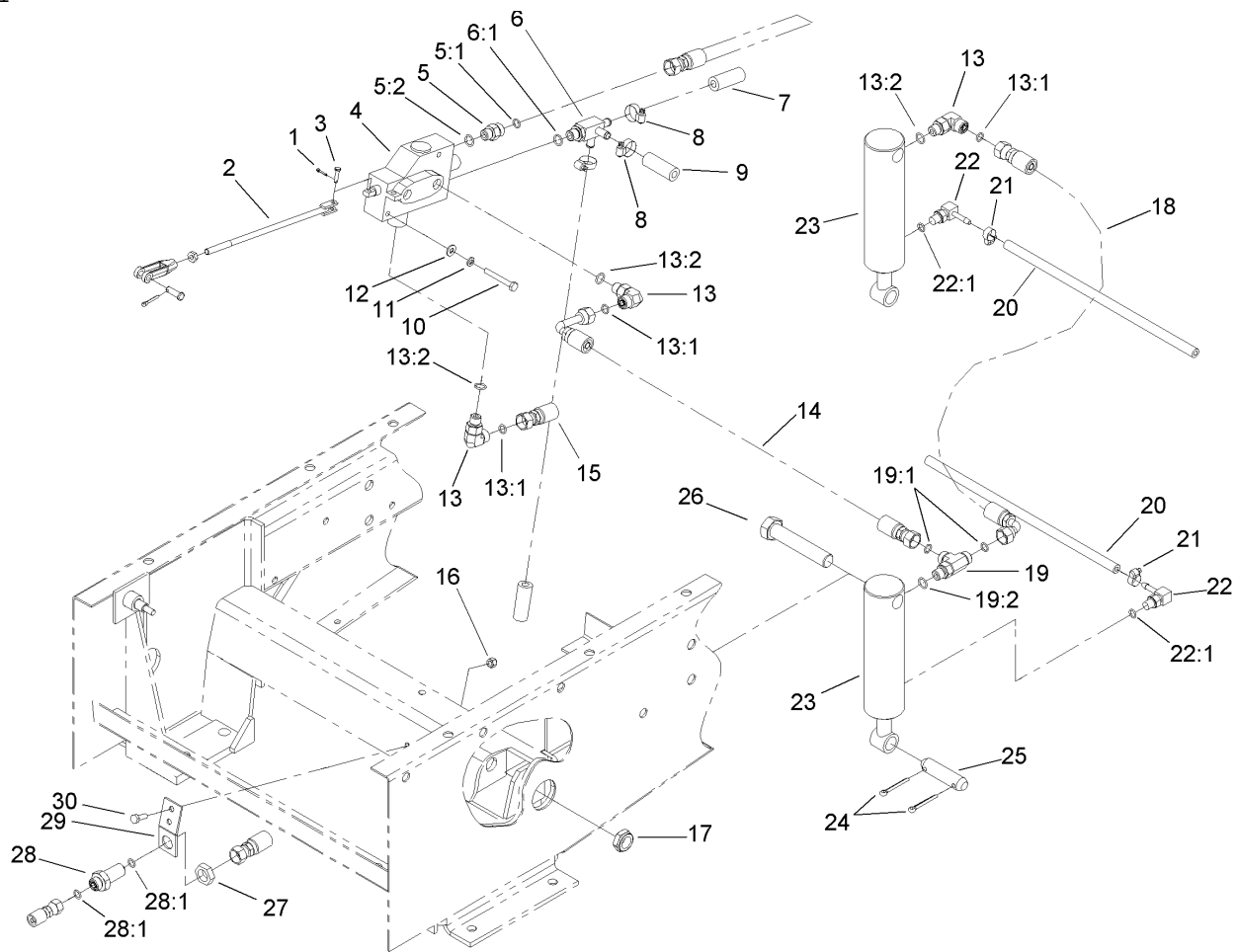


PTO and Shaft Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	92-8855-03	1	Shaft-PTO	19:3	302-58	1	Fitting-Grease
2	3296-39	2	Nut-Lock, NI	19:4	54-9090	1	Yoke-End
3	323-10	2	Screw-HH	19:5	54-9170-01	1	Tube-Yoke, Slip
4	3296-29	5	Nut-Lock, NI	19:6	54-9180	2	U-Joint Kit
5	322-5	4	Screw-HH	19:6:1	62-3820	1	Fitting-Grease
6	3253-21	1	Washer-Lock	20	63-8410	4	Washer
7	3253-4	4	Washer-Lock	21	63-9750	2	Mount
8	3257-5	1	Key-Woodruff	22	3230-4	2	Screw-CARR
9	63-6240	1	V-Belt, PTO	23	3272-15	1	Pin-Cotter
10	323-18	1	Screw-HH	24	3256-23	1	Washer-Flat
11	29-4730	1	Washer-Flat	25	32121-34	1	Pin-Roll
12	94-7422-03	1	Pulley-PTO	26	46-3380	1	Bolt-Shoulder
13	92-8751-03	1	Bracket-Bearing, PTO	27	2412-102	1	R-Clamp
14	84-7580	1	Plate-Support, Bushing	28	3296-39	1	Nut-Lock, NI
15	32149-1	2	Nut	29	3210-8	2	Screw-HH
16	92-8799	2	Bearing-Flange	30	27-4370	1	Hub-Pump
●16:1	251-77	1	Lockcollar-Bearing	31	3241-6	2	Screw-SQH
●16:2	3246-1	1	Screw-Set	32	3210-5	4	Screw-HH
●16:3	302-40	1	Fitting-Grease	33	27-6600	4	Spacer-Coupling
17	322-9	4	Screw-HH	34	44-2230	2	Coupling-Rubber
18	322-14	1	Screw-HH	35	32152-5	6	Nut-Conelock
19	54-7950	1	PTO Drive Shaft ASM	36	94-9400-03	1	Driveshaft
19:1	54-9040	1	Yoke-End	37	27-6590	4	Spacer-Coupling, Rubber
19:2	54-9050	1	Shaft-Slip Yoke	38	3256-71	4	Washer-Flat

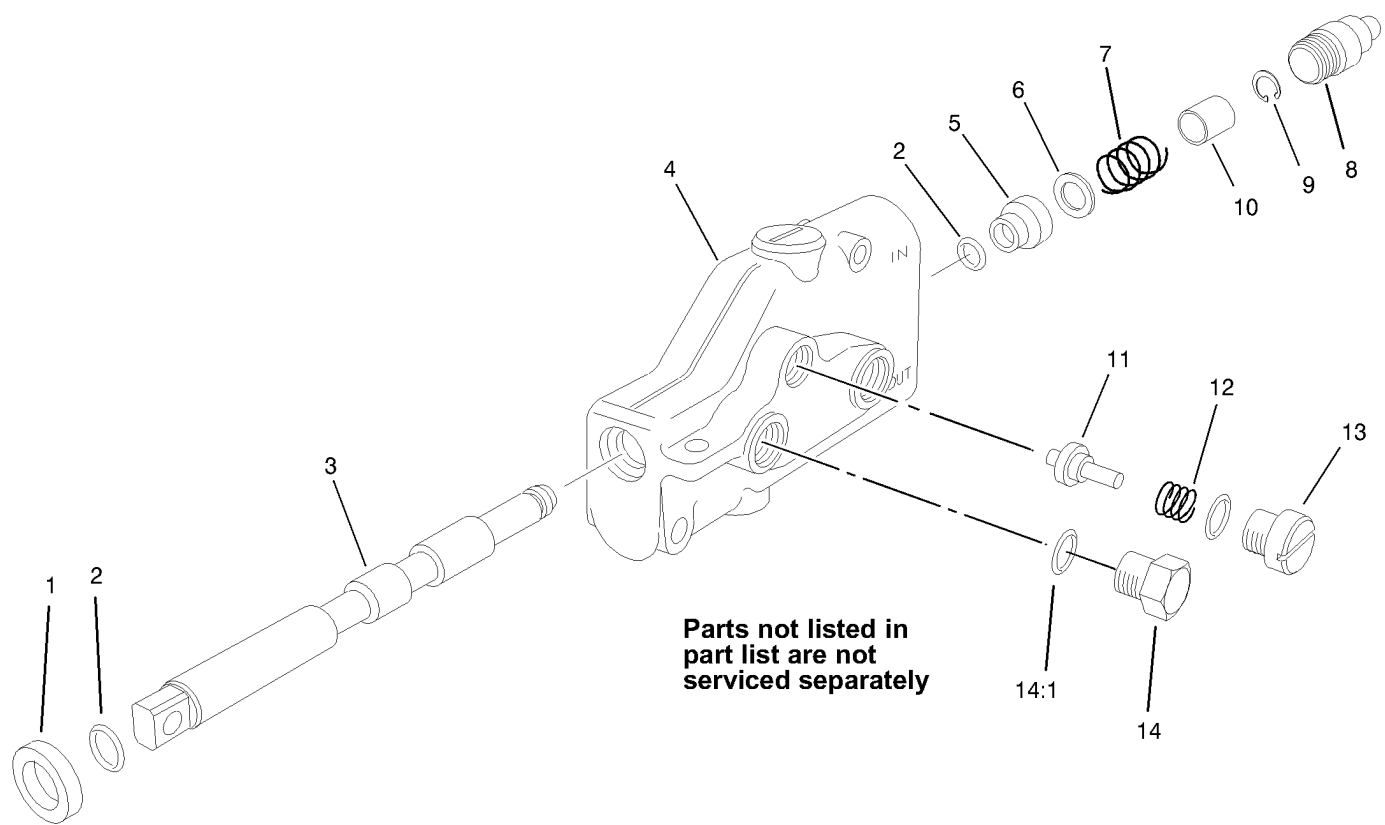


PROTOTYPE



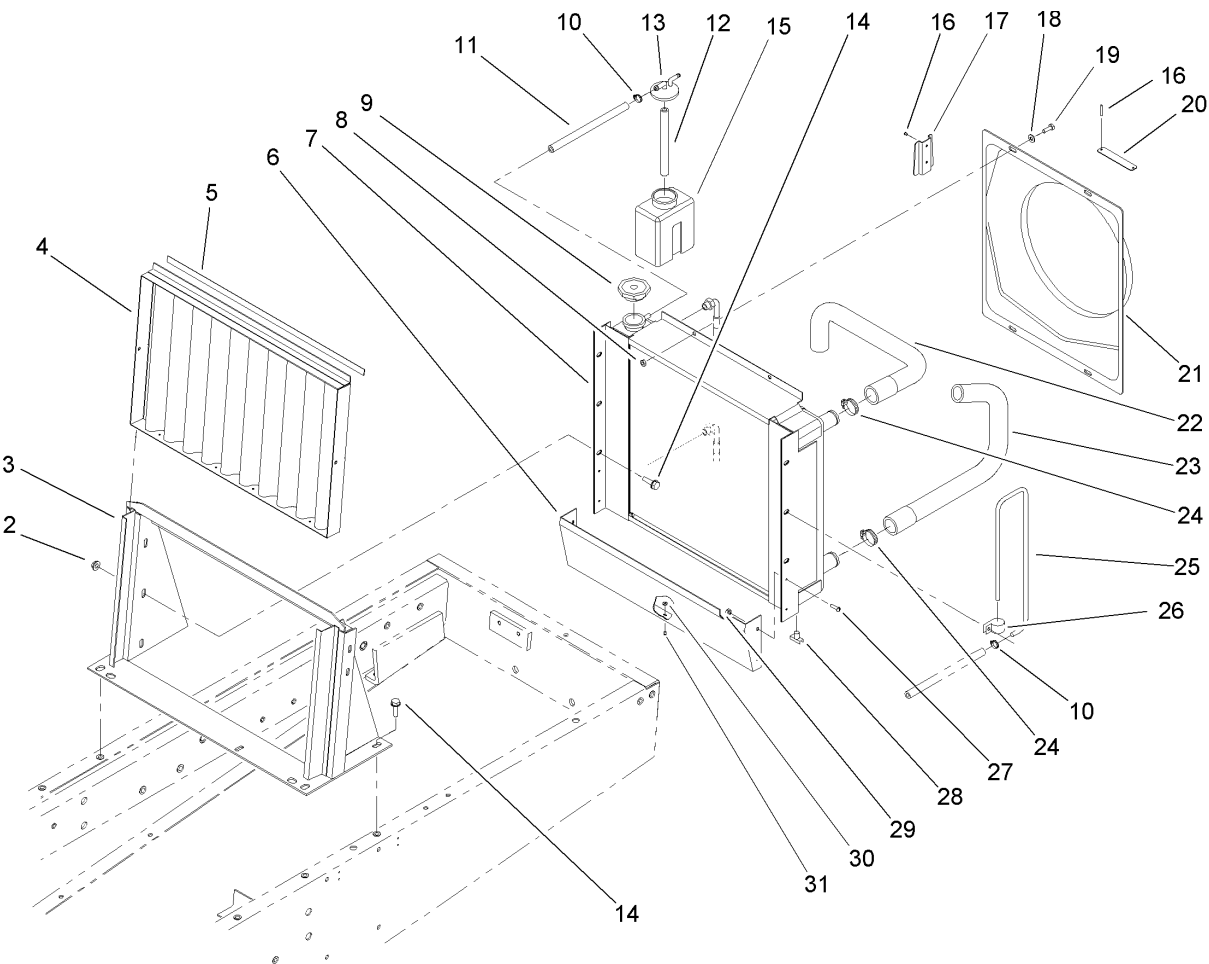
Hydraulic Cylinder and Lift Valve Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	3272-5	1	Pin-Cotter	19:1	237-22	2	O-Ring
2	76-4830-03	1	Valve Rod ASM	19:2	237-42	1	O-Ring
3	283-16	1	Pin-Clevis	20	92-5082	2	Hose-Hydraulic
4	63-7960	1	Valve-Lift	21	2412-108	2	Clamp-Worm
5	340-2	1	Fitting-Hyd, Straight	22	304-99	2	Stem-Hose
5:1	237-22	1	O-Ring	22:1	237-78	1	O-Ring
5:2	237-42	1	O-Ring	23	63-6630	2	Cylinder-Hydraulic
6	66-3130	1	Fitting-Special	24	3272-23	4	Pin-Cotter
6:1	237-42	1	O-Ring	25	27-4240	2	Pin-Cylinder
7	66-8500	1	Hydraulic Hose ASM	26	3216-3	2	Screw-HH
8	2412-36	2	Clamp-Hose	27	340-70	1	Nut-Lock
9	66-8150	1	Hose-Hydraulic	28	340-71	1	Fitting-Straight, Bulkhead
10	321-11	2	Screw-HH	28:1	237-22	2	O-Ring
11	3253-3	2	Washer-Lock	29	63-7410	1	Bracket-Bulkhead
12	3256-22	2	Washer-Flat	30	321-4	2	Screw-HH
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	66-8180	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				



Lift Valve Assembly No. 63-7960

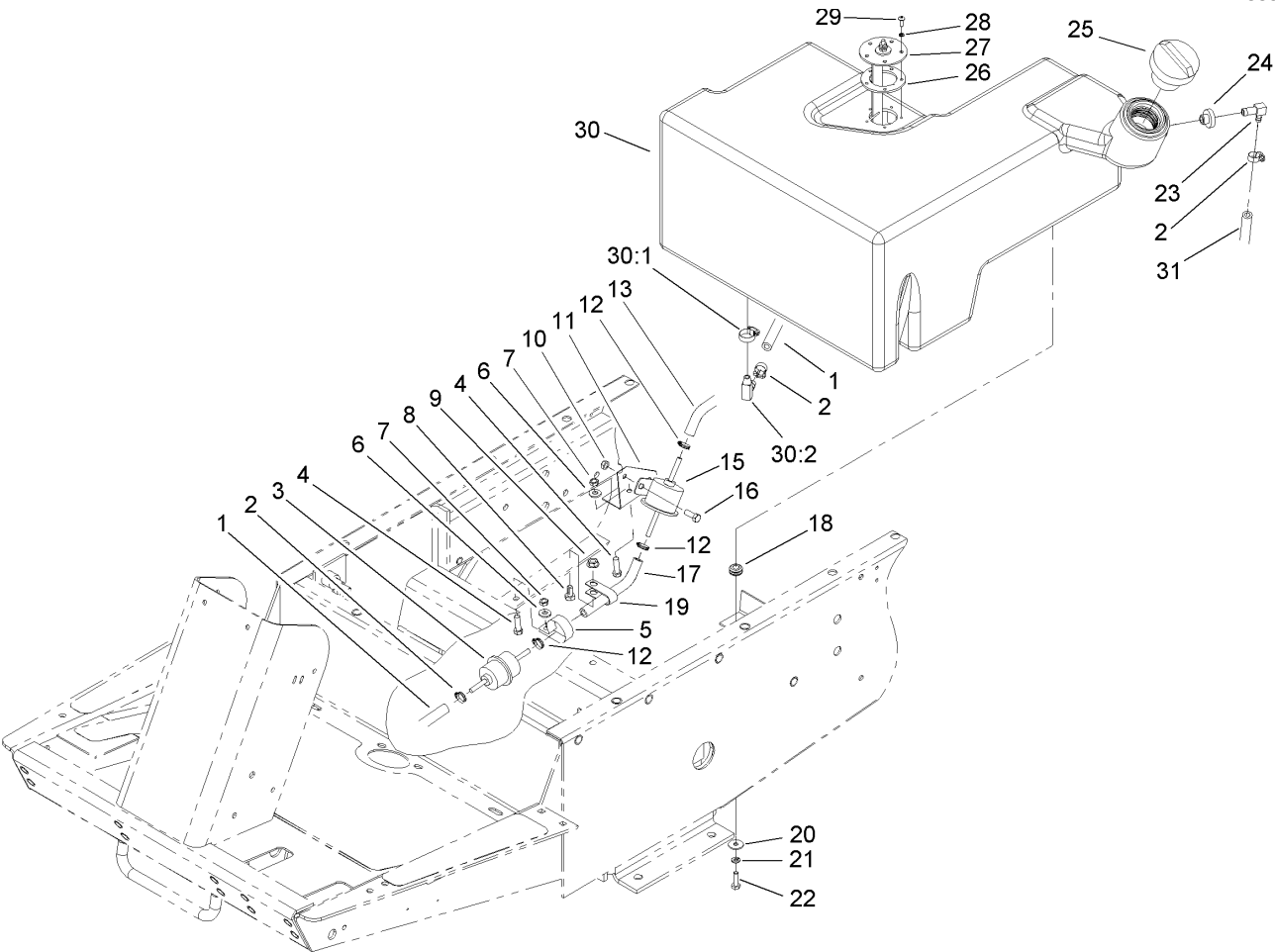
Ref	Part No.	Qty.	Description				
1	58-6320	1	Wiper				
2	58-6450	2	O-Ring				
23		1	Spool				
24		1	Body				
5	58-6400	1	Bushing				
6	65-2770	1	Washer				
7	65-2950	1	Spring				
8	58-6420	1	Cap				
9	58-6460	1	Ring-Retaining				
10	65-2740	1	Spacer				
11	65-2750	1	Plunger				
12	65-2760	1	Spring	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



Radiator Assembly

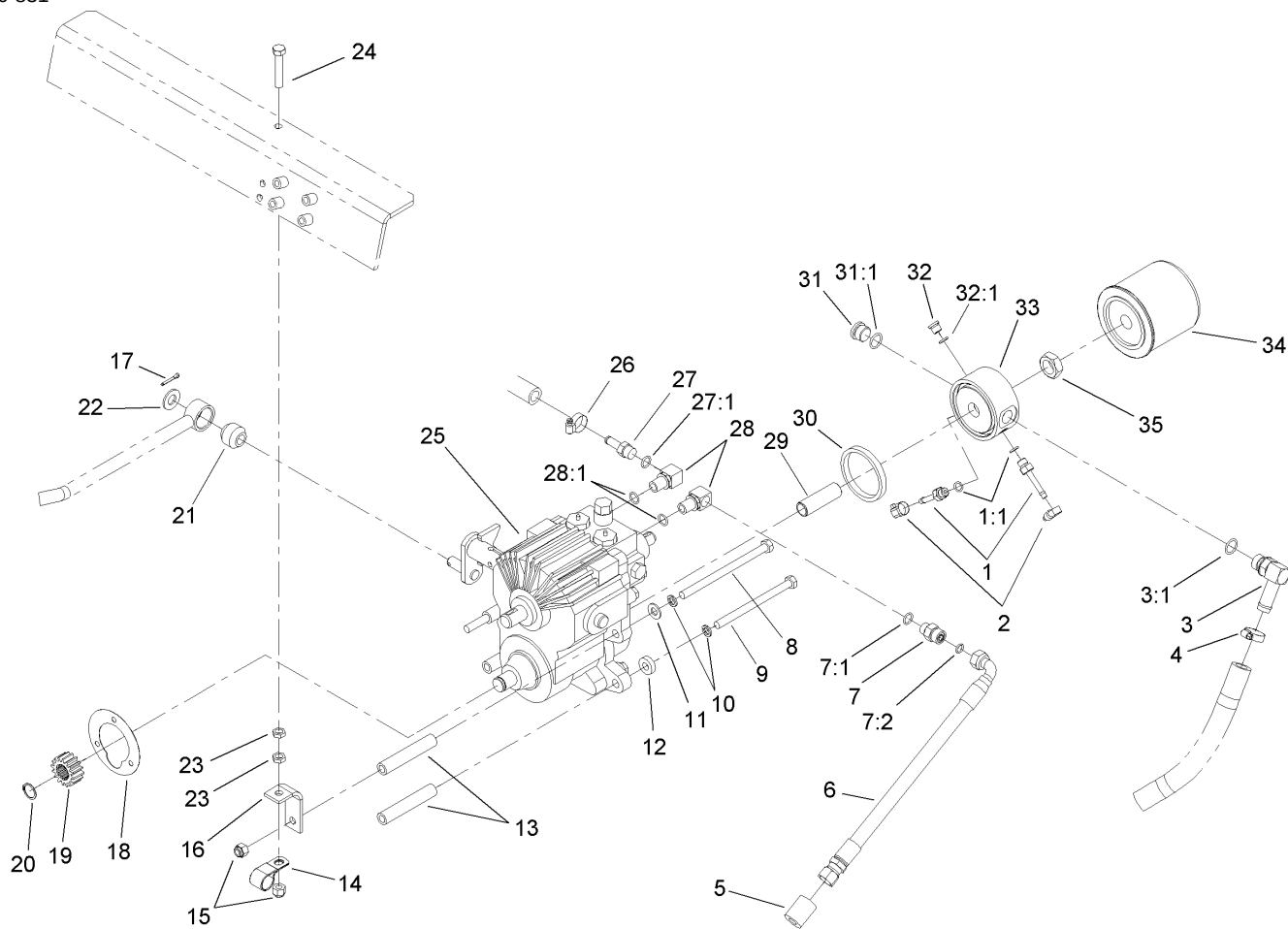
Ref	Part No.	Qty.	Description
2	32128-20	6	Nut-HF
3	92-5757-03	1	Support-Radiator
4	63-7700-03	1	Grill-Front
5	63-7710	1	Strip-Magnetic
6	63-6440-03	1	Shield-Radiator, Bottom
7	63-6150	1	Radiator ASM
8	3296-42	4	Nut-Lock, NI
9	66-3240	1	Cap-Radiator
10	2412-108	2	Clamp-Worm
11	93-2042	1	Hose-Fuel
12	96-1215	1	Hose-Fuel
13	99-9171	1	Cap-Surge,tank
14	3234-5	8	Screw
15	99-9154	1	Tank-Reserve
16	3290-55	4	Rivet-Pop
17	94-7337	1	Bracket-Bottle, Overflow
18	3256-22	4	Washer-Flat
19	321-4	4	Screw-HH
20	76-8750	1	Plate-Warning
21	94-6750	1	Shroud-Fan
22	94-6756	1	Hose-Radiator
23	94-7421	1	Hose-Radiator, Lower
24	2412-34	4	Clamp-Hose
25	71-1540	1	Tube-Vent

Ref	Part No.	Qty.	Description
26	2412-103	2	Clamp
27	3249-3	2	Screw
28	304-46	1	Draincock
29	3217-29	2	Nut-Hex
30	3269-10	3	Washer-Back
31	3269-13	3	Rivet-Pop



Fuel Tank Assembly

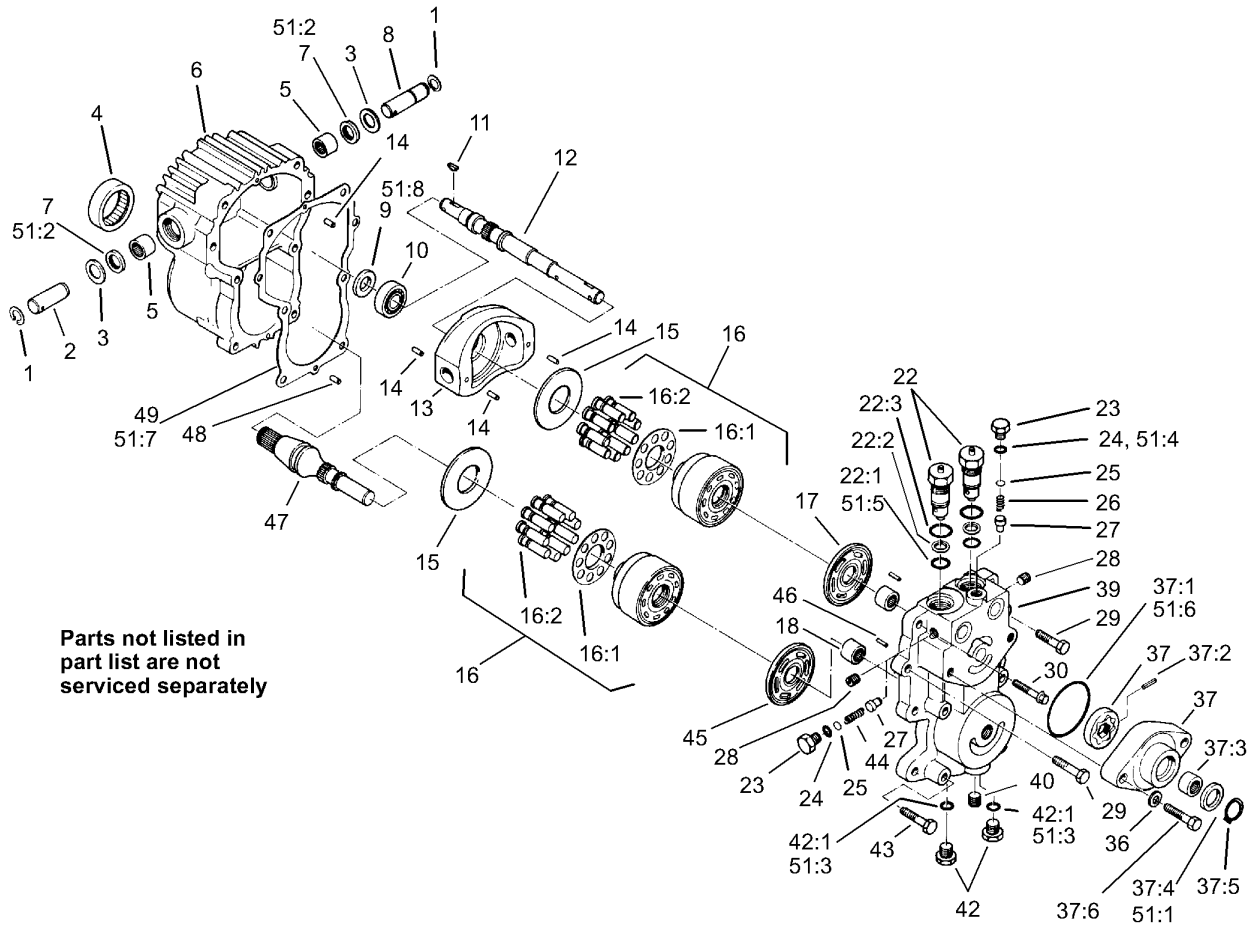
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	63-7627	1	Hose-Fuel	26	62-7650	1	Gasket
2	2412-108	3	Clamp-Worm	27	63-7640	1	Sender-Fuel
3	99-9193	1	Filter-Fuel	28	3253-15	5	Washer-Lock
4	321-6	2	Screw-HH	29	32122-24	5	Screw-Pth
5	2412-147	1	Clamp	30	98-5002	1	Tank-Fuel
6	3256-22	2	Washer-Flat	30:1	2412-36	1	Clamp-Hose
7	3296-42	2	Nut-Lock, NI	30:2	353-536	1	Fitting-Elbow, 90 DEG
8	322-5	1	Screw-HH	31	94-1349	1	Hose-Fuel
9	32128-20	1	Nut-HF	PROTOTYPE			
10	32128-14	2	Nut-HF				
11	95-0655	1	Bracket-Fuel Pump				
12	2412-98	3	Clamp				
13	94-7420	1	Hose-Fuel				
15	99-9196	1	Pump-Fuel				
16	321-4	2	Screw-HH				
17	95-6269	1	Hose-Fuel				
18	237-136	3	Grommet				
19	94-6821	1	Clamp-Wire				
20	3256-67	3	Washer-Flat				
21	3253-3	3	Washer-Lock				
22	321-5	3	Screw-HH				
23	94-6765	1	Fitting-90 Deg, Barbed				
24	46-6560	1	Bushing				
25	93-7170	1	Cap-Fuel				



Transmission 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	3272-10	1	Pin-Cotter
18	27-3690	1	Gasket-Transmission
19	86-7220	1	Gear-Pinion
20	32120-72	1	Ring-Snap

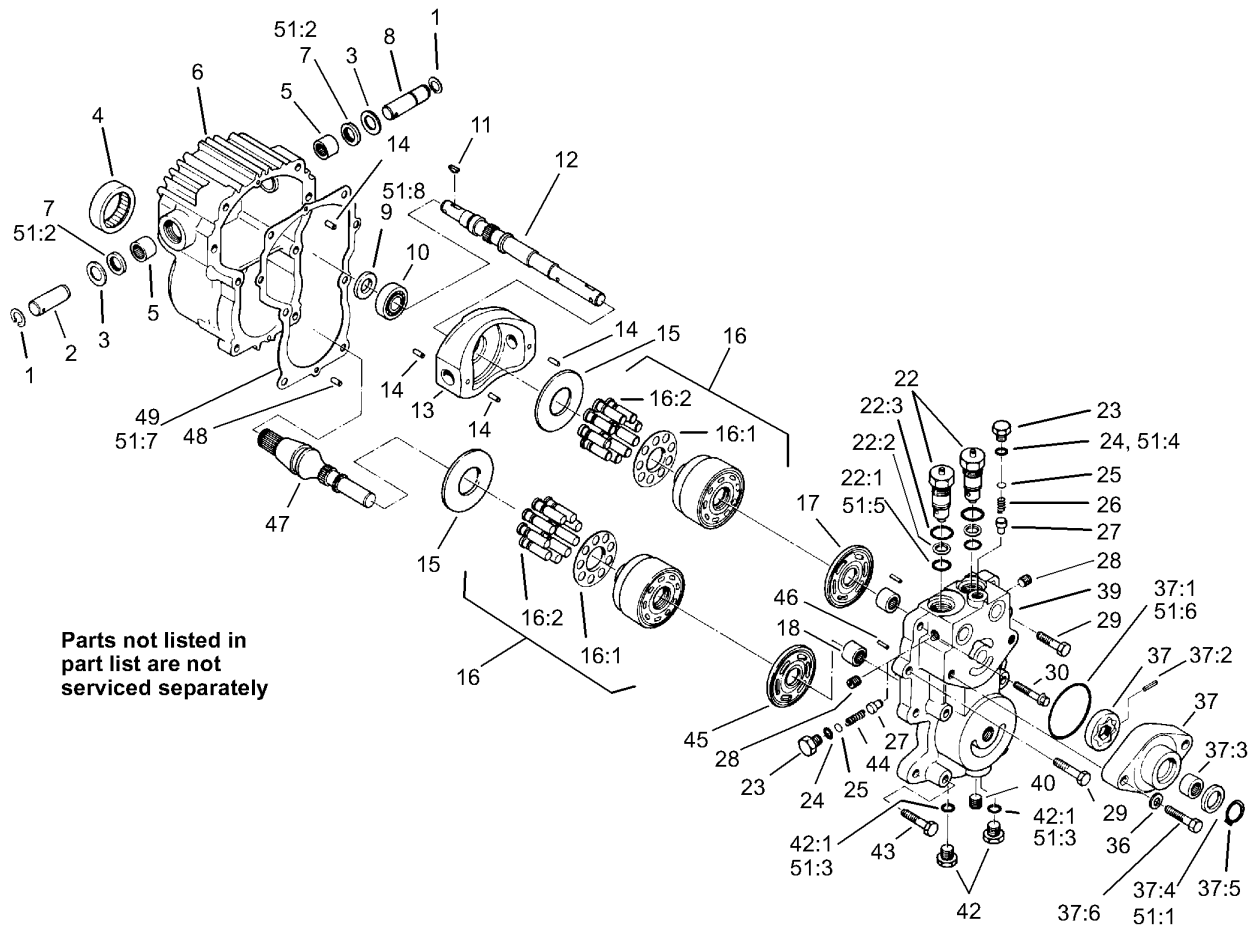
Ref	Part No.	Qty.	Description
21	23-2270	1	Bushing-Rubber
22	3256-26	1	Washer-Flat
23	3218-3	2	Nut-Jam
24	911424	1	Screw-HH
25	92-5513	1	Transmission
26	2412-36	1	Clamp-Hose
27	353-979	1	Fitting-Barbed, Straight
27:1	237-42	1	O-Ring
28	66-3110	2	Fitting-Hyd, 90 DEG
28:1	237-42	1	O-Ring
29	92-5076	1	Adapter-Filter
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	92-5085	1	Union-Filter
34	23-2300	1	Filter-Oil, Transmission
35	3220-7	1	Nut-Jam



Transmission Assembly No. 92-5513

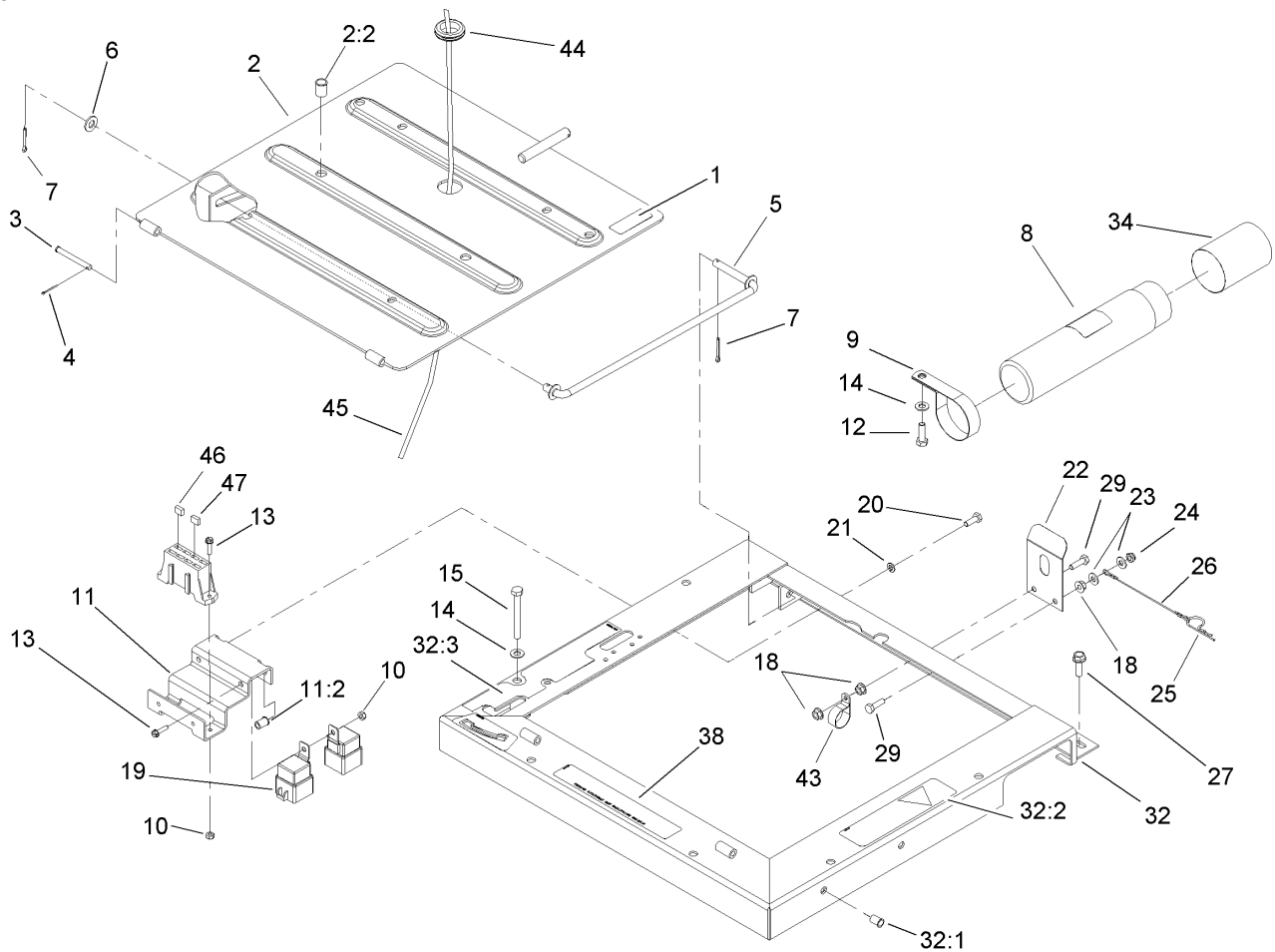
Ref	Part No.	Qty.	Description
1	32151-46	2	Ring-Retaining
2	25-2500	1	Shaft-Trunnion
3	25-2510	2	Washer-Flat
4	28-3300	1	Bearing-Roller
5	252-82	2	Bearing-Needle
6	92-5709	1	Housing-Transmission
7	25-3210	2	Seal-Lip
8	28-3670	1	Shaft-Trunnion
9	93-4133	1	Seal-Lip
10	28-3650	1	Bearing-Ball
11	3257-5	2	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)

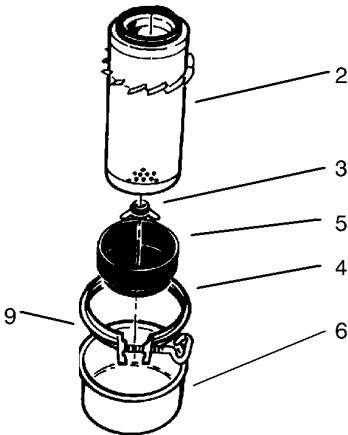
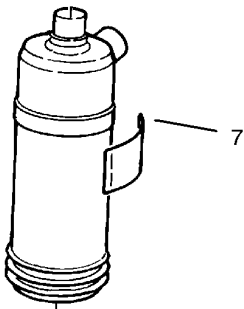
Ref	Part No.	Qty.	Description				
47	49-8200	1	Shaft-Motor				
48	353-599	2	Pin-Dowel				
49	28-3340	1	Gasket				
51	106-4384	1	Seal Kit (15 Series)				
51:1	94-2975	2	Seal-Shaft				
51:2	25-3210	2	Seal-Lip				
51:3	75-0240	2	O-Ring				
51:4	28-3400	2	O-Ring				
51:5	28-3590	2	O-Ring				
51:6	28-3520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



Seat Frame Assembly

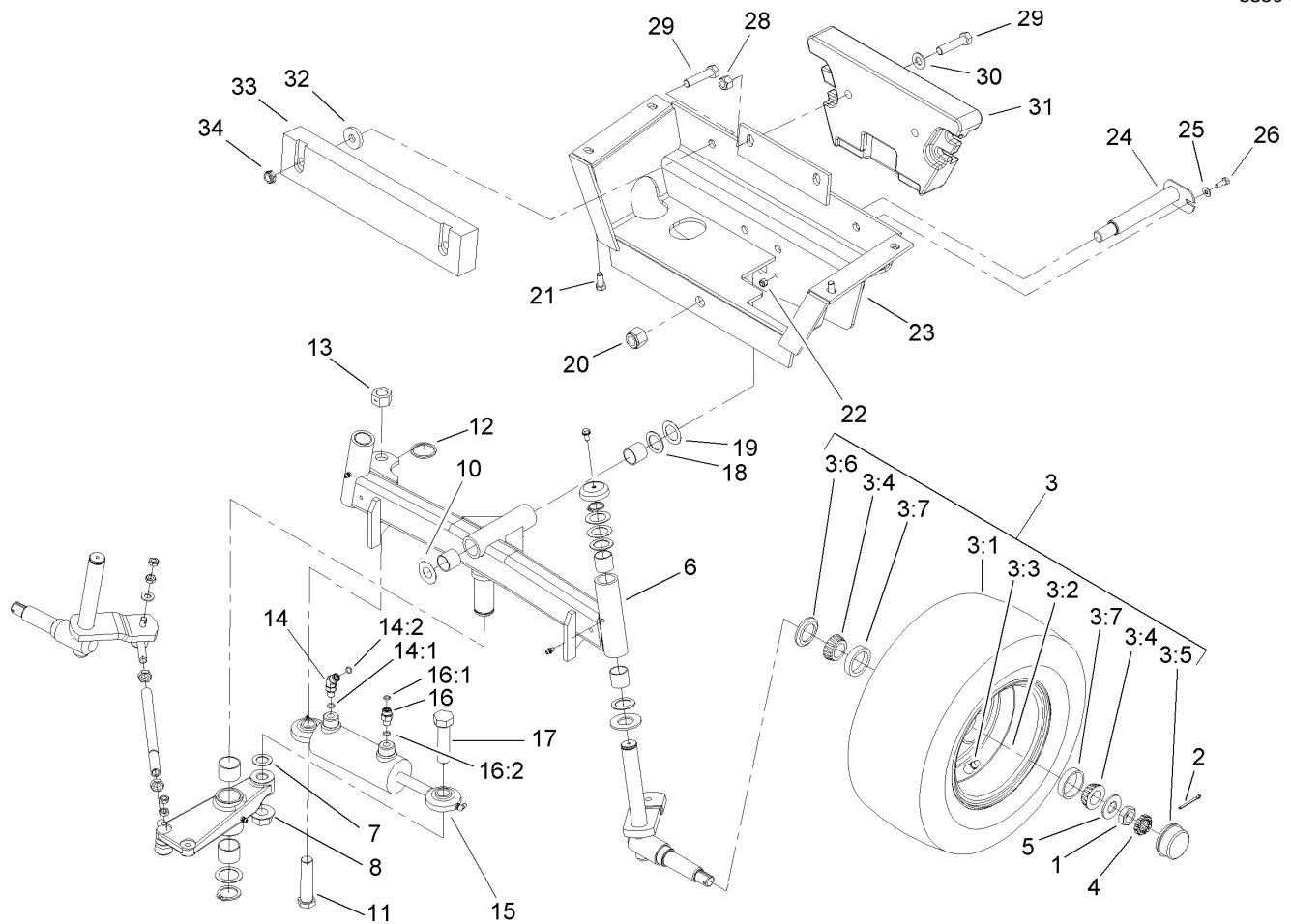
Ref	Part No.	Qty.	Description
1	71-3730	1	Decal-Gas
2	92-5759	1	Plate-Seat
2:2	32148-9	2	Insert-Nut
3	283-49	2	Pin-Clevis
4	3272-4	2	Pin-Cotter
5	66-2800-03	1	Rod-Support
6	3256-24	1	Washer-Flat
7	3272-11	2	Pin-Cotter
8	104-7050	1	Housing-Manual
9	2412-133	2	R-Clamp
10	3296-12	4	Nut-Lock
11	105-0036	1	Fuse Block Bracket ASM
11:2	32148-6	2	Insert-Nut
12	322-5	2	Screw-HH
13	32105-13	4	Screw-SHH
14	3256-23	8	Washer-Flat
15	322-13	6	Screw-HH
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
23	3256-22	2	Washer-Flat
24	3296-56	1	Nut-Lock, NI

Ref	Part No.	Qty.	Description
25	3290-255	1	Pin-Cotter, Hair
26	28-8070	1	Lanyard
27	3234-17	2	Screw-HHF
29	321-5	2	Screw-HH
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
38	105-9584	1	Decal-Starting Instructions
43	2412-106	2	Clamp-R
44	240-5	1	Grommet
45	105-0025	1	Harness-Wire, Seat
46	218-581	1	Fuse-15 Amp, 32 Volt
47	218-574	2	Fuse 7.5 Amp (Blade Style)



Air Cleaner Assembly No. 27-7100

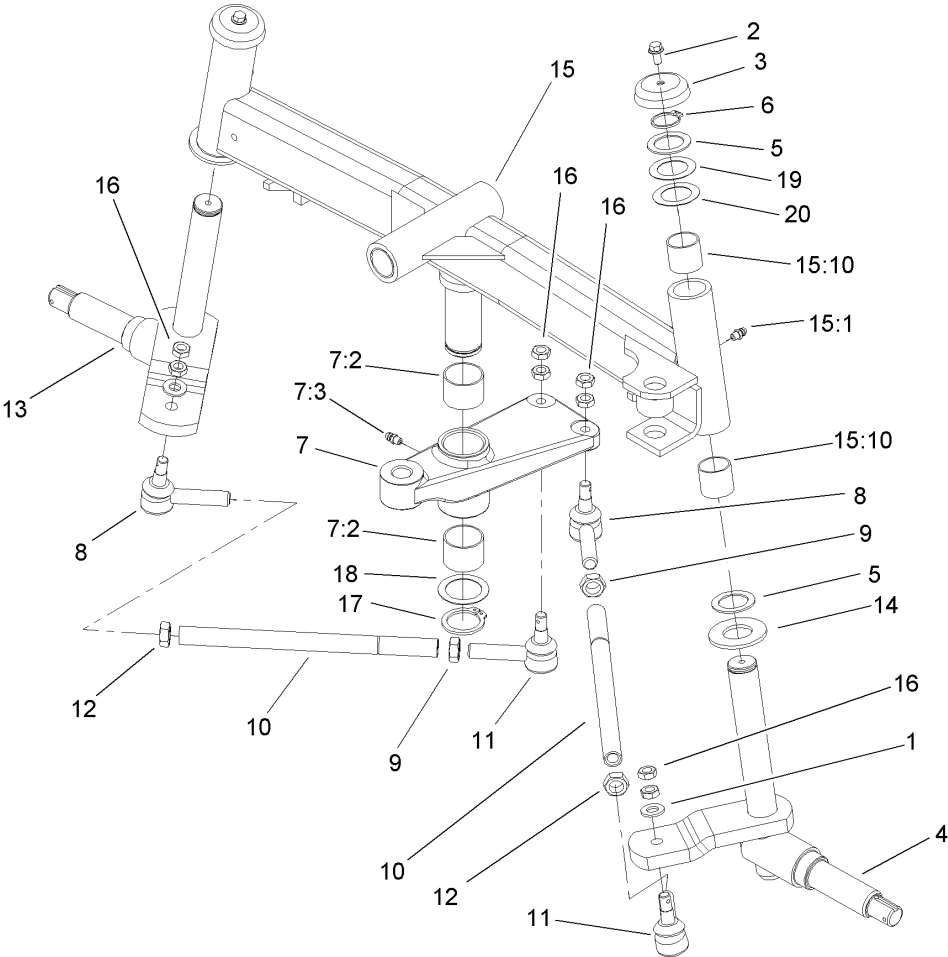
Ref	Part No.	Qty.	Description				
2	27-7110	1	Element ASM				
3	27-7120	1	Nut And Gasket ASM				
4	27-7130	1	Clamp ASM				
5	27-7140	1	Skirt-Baffle				
6	27-7150	1	A/c Cup ASM				
7	27-7160	1	Decal-Installation				
9	80-3330	1	Gasket				



Rear Axle Assembly

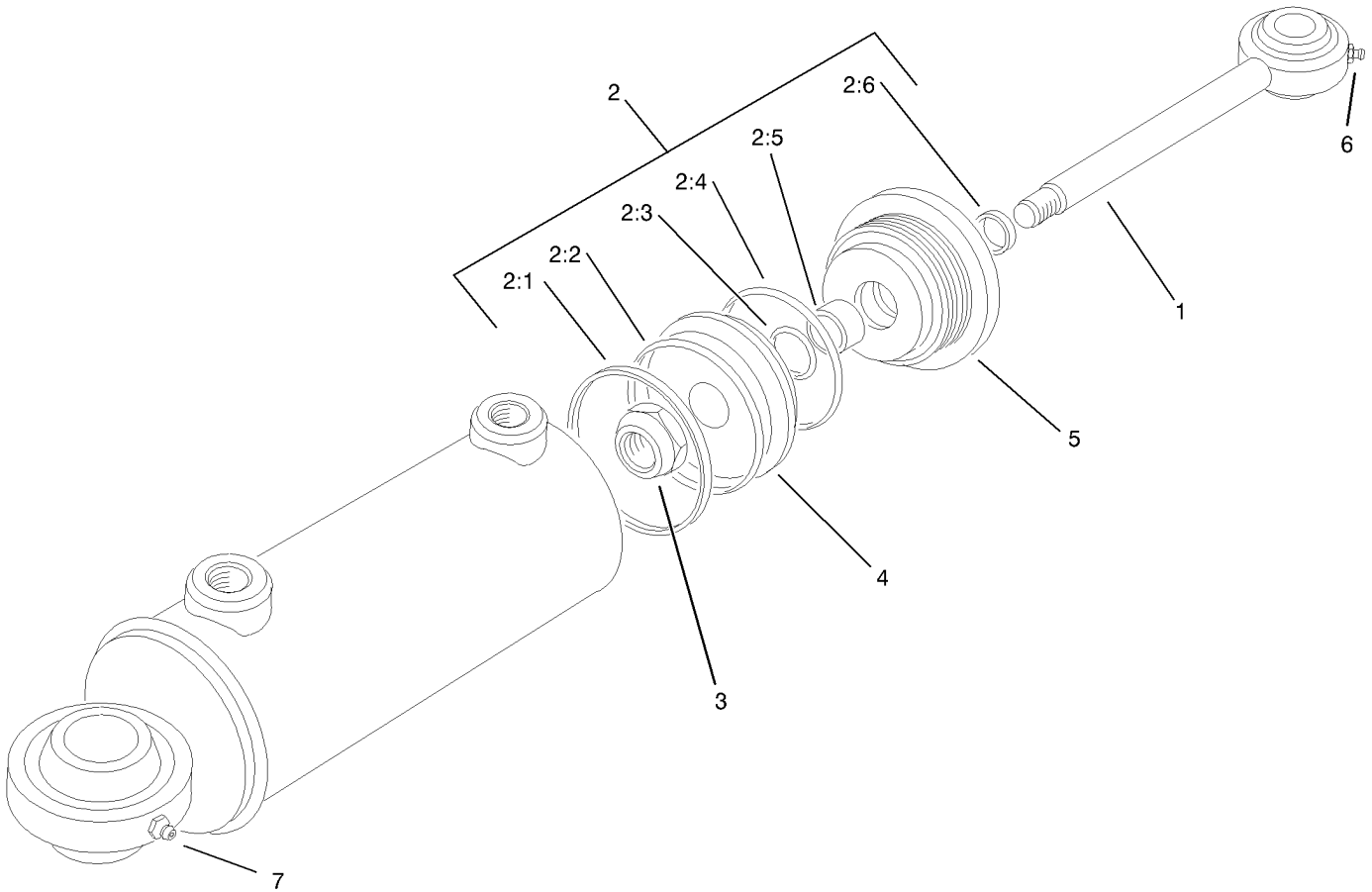
Ref	Part No.	Qty.	Description
1	3220-7	2	Nut-Jam
2	3272-13	2	Pin-Cotter
23		2	Tire And Wheel ASM
3:1	231-105	1	Tire-Rib
3:2	217-118	1	Wheel-8"
3:3	232-35	1	Valve Stem And Cap ASM
3:4	254-72	2	Bearing-Cup, Tapered
3:5	241-119	1	Cap-Dust
3:6	253-129	1	Seal
3:7	254-94	2	Bearing-Cone, Taper
4	93-0307	2	Nut-Lock, Retainer
5	93-0309	2	Washer-Tab
6		1	Rear Axle ASM
7	67-9410	1	Washer
8	32128-45	1	Locknut-Flange
10	71-4540	1	Washer-Thrust
11	67-7300	1	Screw-HH
12	67-7250	1	Spacer-Ring
13	32153-6	1	Locknut
14	340-103	1	Fitting-Hyd, 45 DEG
14:1	237-78	1	O-Ring
14:2	237-21	1	O-Ring
15	76-2070	1	Cylinder-Steering
16	340-92	1	Fitting-Hyd, Straight

Ref	Part No.	Qty.	Description
16:1	237-78	1	O-Ring
16:2	237-21	1	O-Ring
17	328-25	1	Screw-HH
18	10-8110	1	Washer-Thrust
19	56-2460	1	Washer-Flat
20	3296-51	1	Nut-Lock, NI
21	3234-25	4	Bolt-HF
22	3296-42	1	Nut-Lock, NI
23	63-6430-03	1	Frame-Rear
24	63-6770-03	1	Pin-Masked
25	3256-22	1	Washer-Flat
26	321-4	1	Screw-HH
28	3296-25	2	Nut-Lock, NI
29	325-9	4	Screw-HH
30	3256-26	2	Washer-Flat
31	24-5790-01	1	Weight-Rear
32	70-8040	2	Washer
33	92-8762-03	1	Weight-20 Lb
34	3296-45	2	Nut-Lock, NI



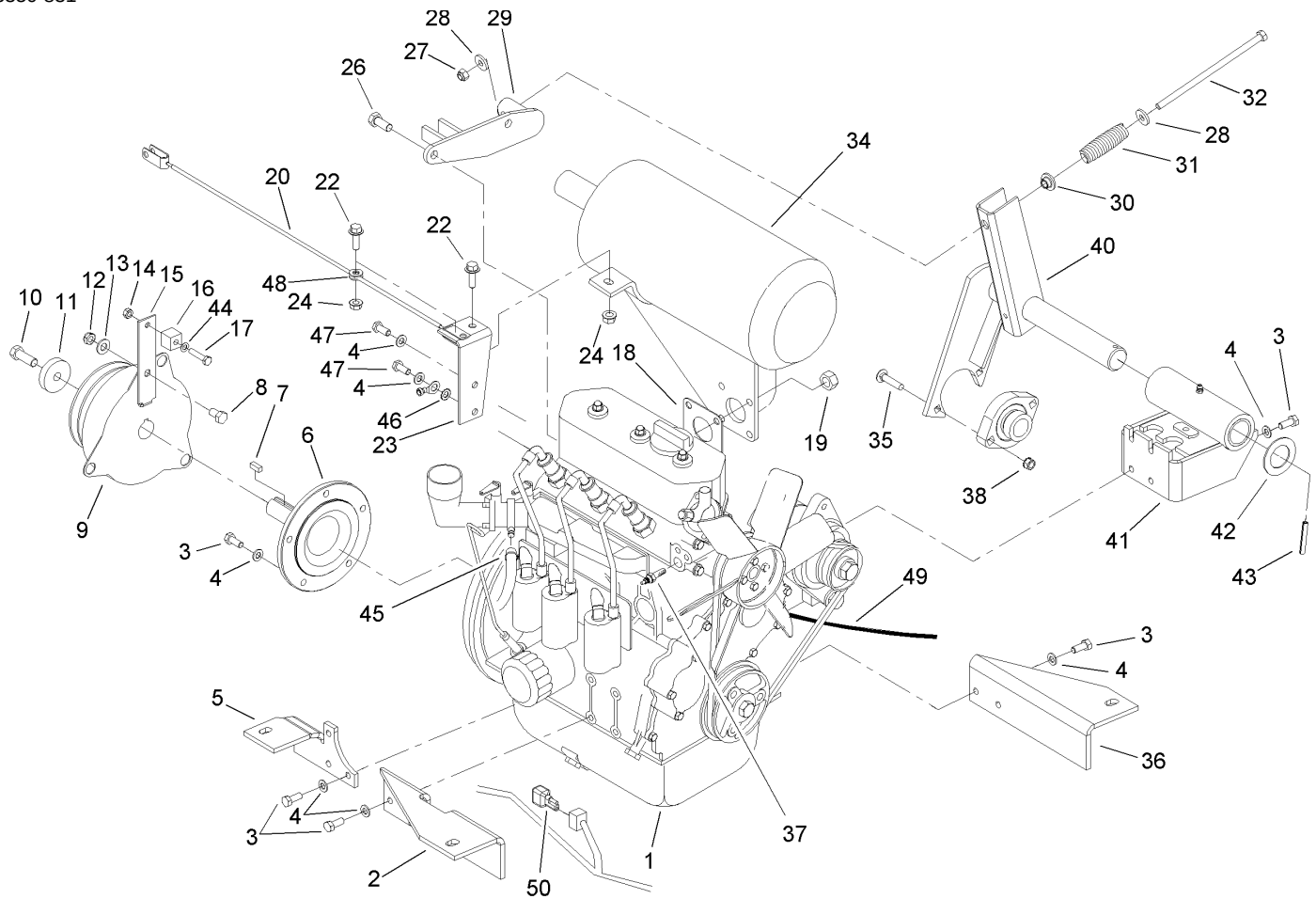
Axle Assembly

Ref	Part No.	Qty.	Description				
1	3256-24	2	Washer-Flat	PROTOTYPE			
2	3234-13	2	Screw-HHF				
3	66-2990	2	Cap-Spindle				
4	93-3196	1	RH Spindle ASM				
5	10-8110	4	Washer-Thrust				
6	32151-36	2	Ring-Retaining				
7	100-6598	1	Steering Pivot ASM				
7:2	76-2970	2	Bushing-Straight				
7:3	302-5	1	Fitting-Grease				
8	21-0151	2	LH Ball Joint ASM				
9	3220-12	2	Nut-Hj, LH Thread				
10	63-6880	2	Tie Rod-Steering				
11	21-0141	2	RH Ball Joint ASM				
12	3220-5	2	Nut-Jam				
13	93-3195	1	LH Spindle ASM				
14	256-121	2	Washer-Thrust				
15	76-3000	1	Axle-Rear				
15:1	302-5	3	Fitting-Grease				
15:10	67-1750	6	Bushing				
16	3220-3	8	Nut-Jam				
17	32151-77	1	Ring-Retaining, Ext				
18	76-2980	1	Washer-Thrust				
19	56-2460	2	Washer-Flat				
20	5-1226	2	Washer				



Steering Cylinder Assembly No. 76-2070

Ref	Part No.	Qty.	Description				
1	76-2090	1	Rod-Piston	PROTOTYPE			
2		1	Seal Kit				
2:1		1	Seal				
2:2		1	O-Ring				
2:3		1	O-Ring				
2:4		1	O-Ring				
2:5		1	U-Cup				
2:6		1	Wiper				
3	302-40	1	Nut-Lock				
4		1	Piston				
5		1	Gland				
6		1	Fitting-Grease				
7	302-5	1	Fitting-Grease				

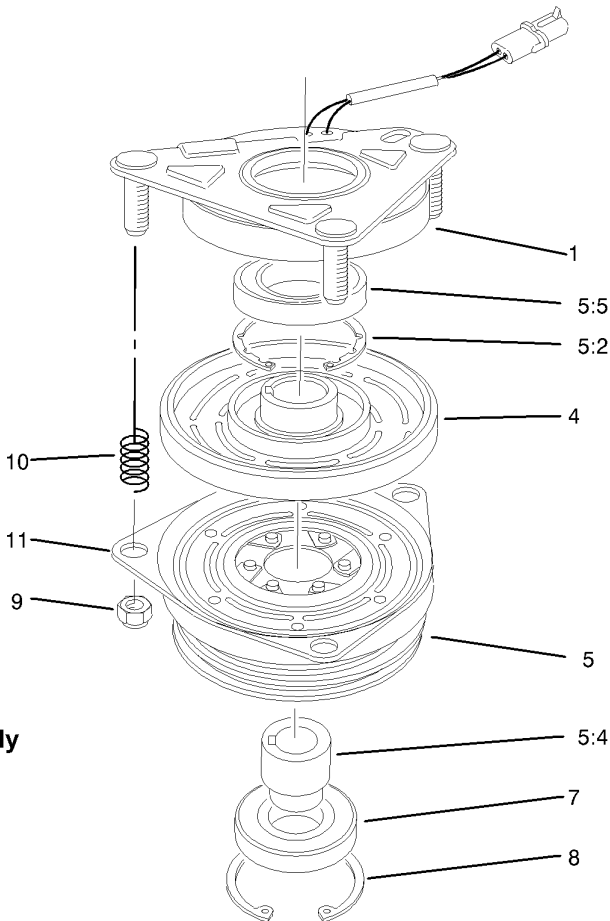


Engine Installation Assembly

Ref	Part No.	Qty.	Description
1	99-8440	1	Engine-Briggs Diahatsu Dm950g
2	95-3300-03	1	Bracket-Engine, Rf
3	66-3160	16	Screw-Cap
4	33094-00	18	Washer-Flat
5	94-7416-03	1	Bracket-Mount, Engine
6	94-7430	1	Shaft-Stub
7	18-6430	1	Key-Square
8	323-34	1	Screw-HH
9	100-6565	1	Electric Clutch/brake ASM
10	3212-5	1	Screw-HH
11	105-3698	1	Spacer
12	3296-59	1	Nut-Lock, NI
13	3256-24	2	Washer-Flat
14	32153-4	1	Locknut
15	94-7438	1	Lever-Clutch Anchor
16	95-6328	1	Bumper-Electric Clutch
17	321-8	1	Screw-HH
18	99-9179	1	Gasket-Exhaust
19	99-9176	4	Nut-Hex
20	66-2870	1	Cable-Hood Stop
22	3234-29	2	Screw-HHF
23	94-7433-03	1	Bracket-Muffler
24	32128-20	2	Nut-HF
26	43-0090	2	Screw-HH

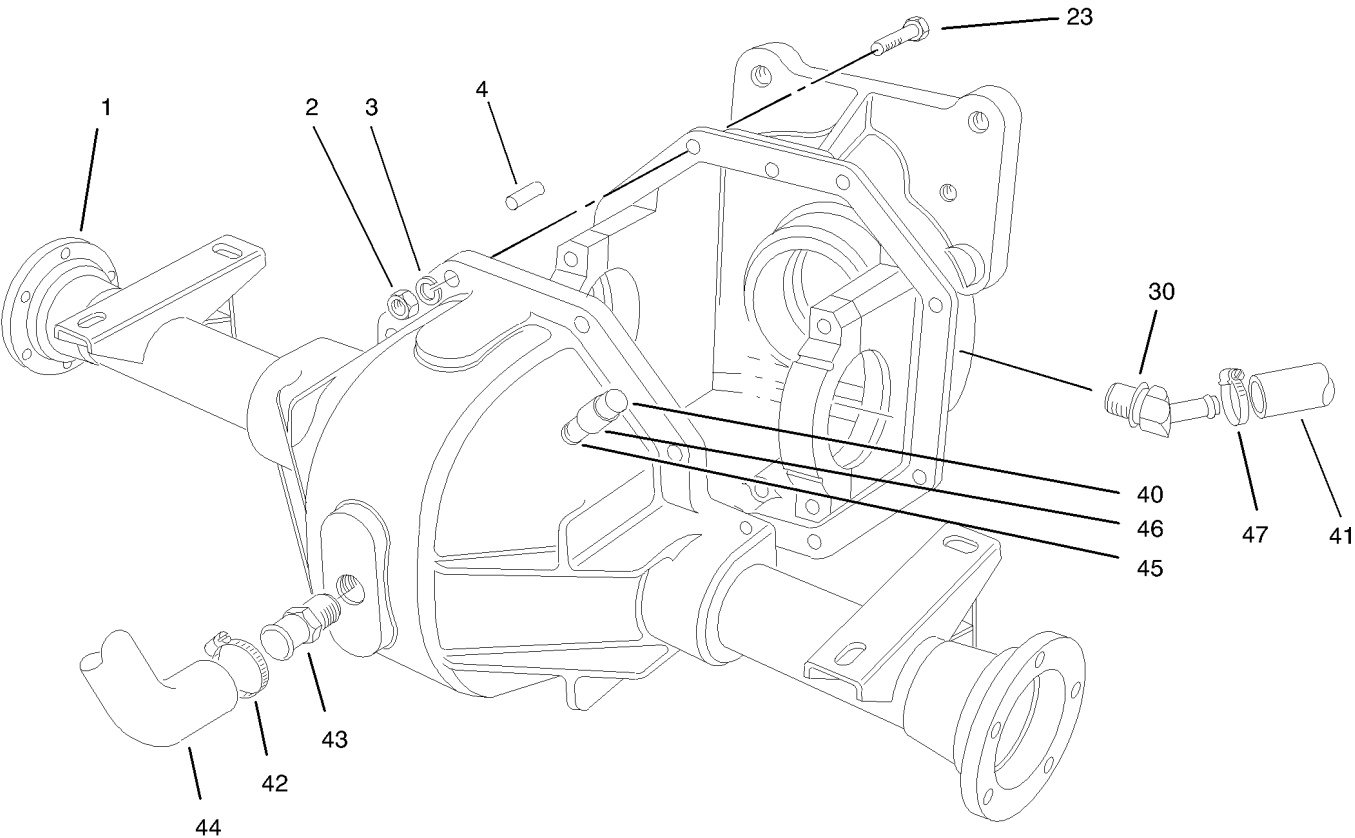
Ref	Part No.	Qty.	Description
27	3296-29	1	Nut-Lock, NI
28	4-2390	2	Washer-Flat
29	107-2911-03	1	Mount Bracket ASM
30	27-6600	1	Spacer-Coupling
31	21-0400-01	1	Spring-Compression
32	94-7431	1	Bolt-HH
34	94-6412	1	Muffler-Exhaust
35	3230-4	2	Screw-CARR
36	95-3097-03	1	Bracket-Engine, Lf
37	94-7621	1	Sender-Temperature
38	32149-1	2	Nut
40	106-4381-03	1	PTO Tension Shaft ASM
41	94-7344	1	Pivot Plate ASM
42	3-4324	1	Washer-Flat
43	32121-32	1	Pin-Roll
44	3256-60	1	Washer-Flat
45	2412-98	1	Clamp
46	3255-8	1	Washer-Lock
47	33114-020	2	Screw-HH
48	3256-23	2	Washer-Flat
49	99-3441	1	Harness-Wire, Fusible Link
50	100-4918	3	Diode

Parts not listed in
part list are not
serviced separately



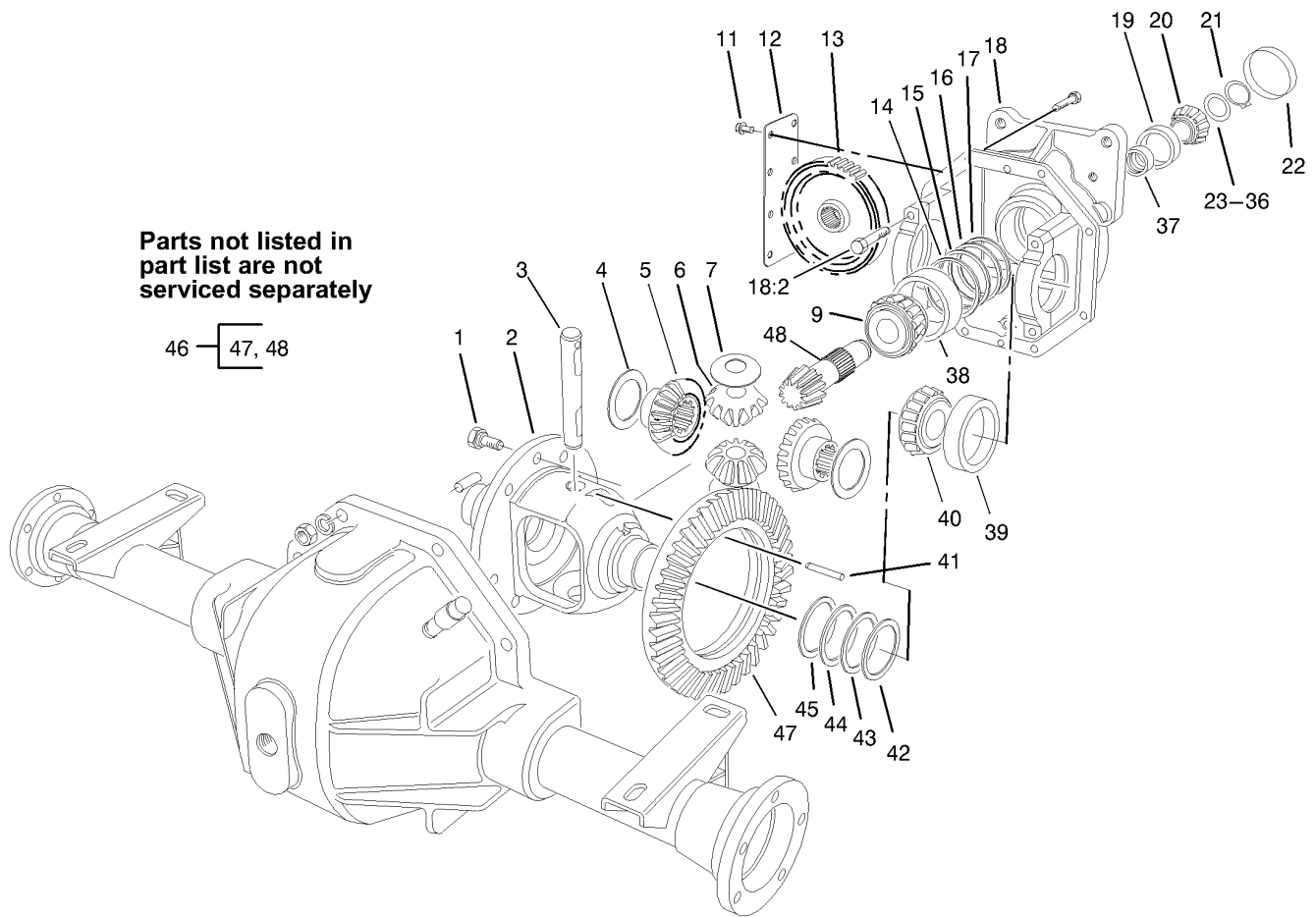
Electric Clutch / Brake Assembly No. 100-6565

Ref	Part No.	Qty.	Description				
1	100-6563	1	Field And Rotor				
1 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				



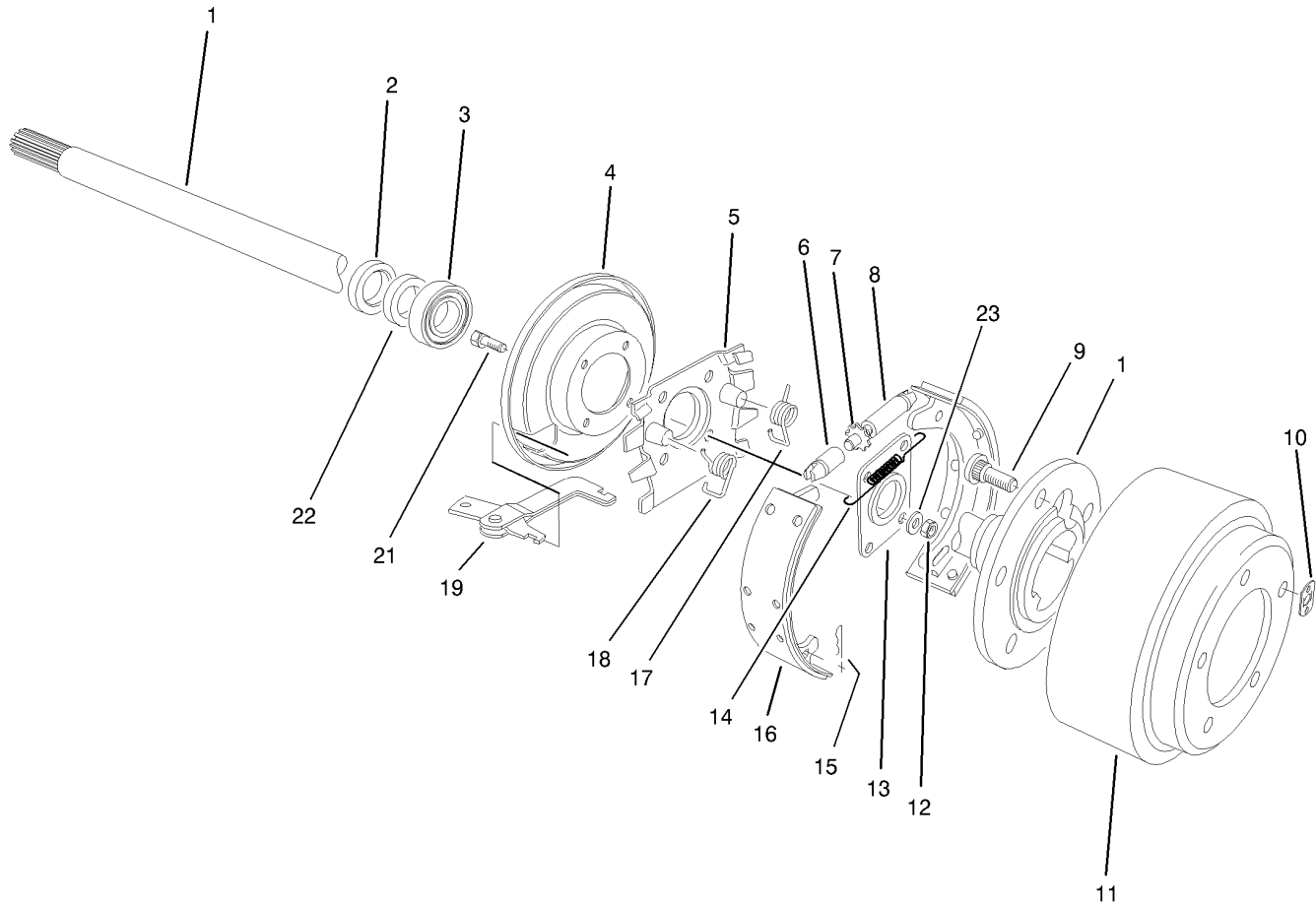
Differential Assembly

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				



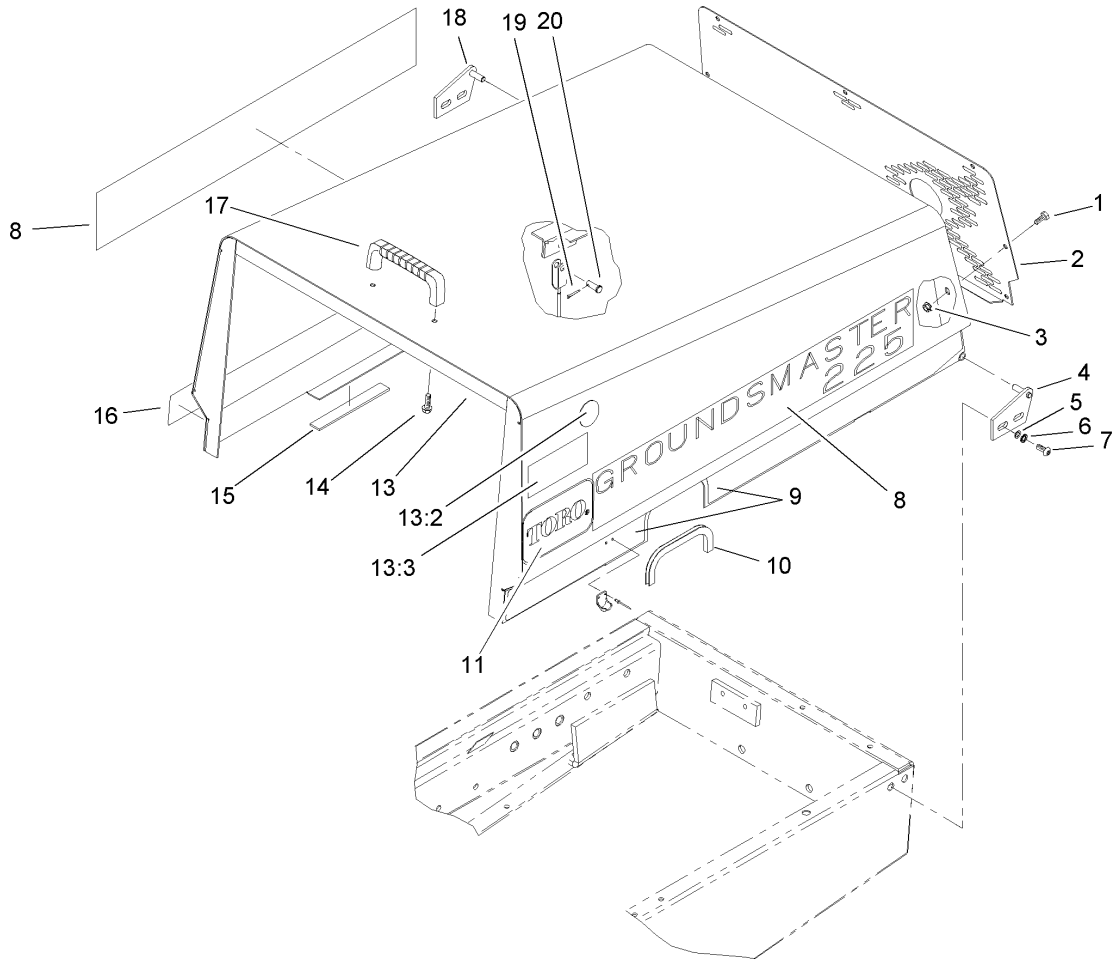
Differential Carrier Assembly No. 92-4909

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	21-7770	5	Screw-Gear, Drive	26	46-2213	1	Shim-Front Bearing, .037
2	21-7670	1	Case-Differential	27	46-2214	1	Shim-Front Bearing, .039
3	21-7700	1	Shaft-Mate, Pinion	28	46-2215	1	Shim-Front Bearing, .041
4	21-7720	2	Washer-Thrust	29	46-2216	1	Shim-Front Bearing, .043
5	24-8790	2	Gear-Differential	30	46-2220	1	Shim-Front Bearing, .045
6	21-7690	2	Pinion-Differential	31	46-2221	1	Shim-Front Bearing, .047
7	21-7730	2	Washer-Thrust, Pinion	32	46-2222	1	Shim-Front Bearing, .049
9	43-6760	1	Bearing-Roller, Cone Taper	33	46-2223	1	Shim-Front Bearing, .051
11	12-5450	8	Screw	34	46-2224	1	Shim-Front Bearing, .053
12	21-7830	1	Cover-Gear	35	46-2225	1	Shim-Front Bearing, .055
13	86-7230	1	Gear-Input, Transmission	36	46-2226	1	Shim-Front Bearing, .057
14	43-6710	1	Shim	37	21-8020	1	Spacer-Bearing
15	43-6711	1	Shim	38	43-6750	1	Bearing-Taper, Cup
16	43-6712	1	Shim	39	254-66	2	Cup-Bearing, Roller
17	43-6713	1	Shim	40	254-65	2	Cone-Bearing, Roller
18	86-7930	1	Upper Housing ASM	41	32121-15	1	Pin-Roll
18:2	92-1773	4	Screw-HHF	42	21-8090	1	Shim-Bearing, Diff. (.003)
19	254-90	1	Bearing-Cup	43	21-8100	1	Shim-Bearing, Diff. (.005)
20	254-91	1	Cone-Bearing	44	21-8110	1	Shim-Bearing, Diff. (.010)
21	43-6550	1	Ring-Snap	45	21-8120	1	Shim-Bearing, Diff. (.030)
22	21-7850	1	Cup Plug	46	92-4848	1	Gear And Pinion ASM
23	46-2210	1	Shim-Front Bearing	47		1	Gear-Ring
24	46-2211	1	Shim-Front Bearing, .033	48		1	Pinion
25	46-2212	1	Shim-Front Bearing, .035				



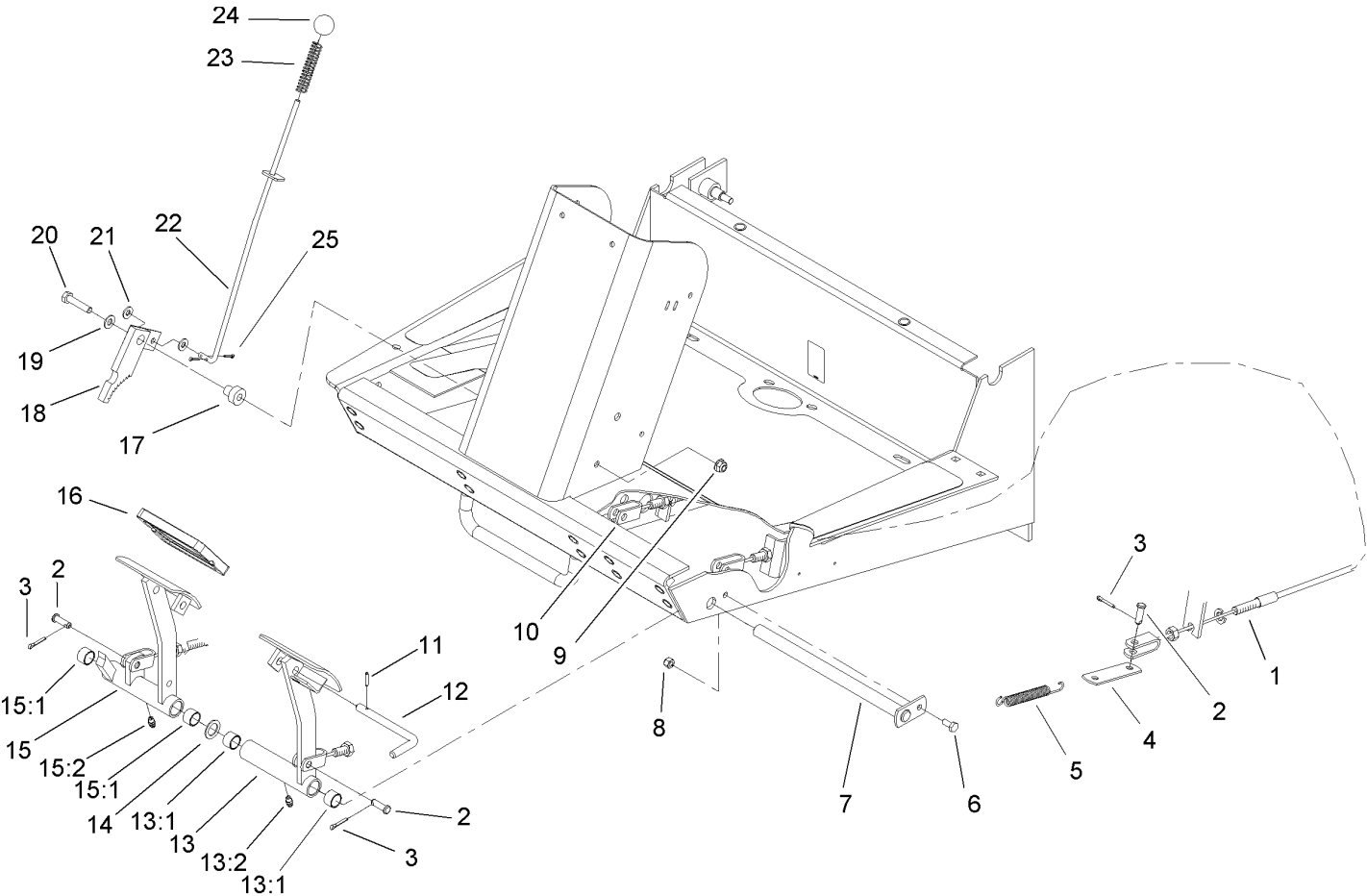
Brake Assembly

Ref	Part No.	Qty.	Description				
❶ 1	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				
❶ 24	92-8775	1	Liquid Gasket Kit				



Hood Assembly

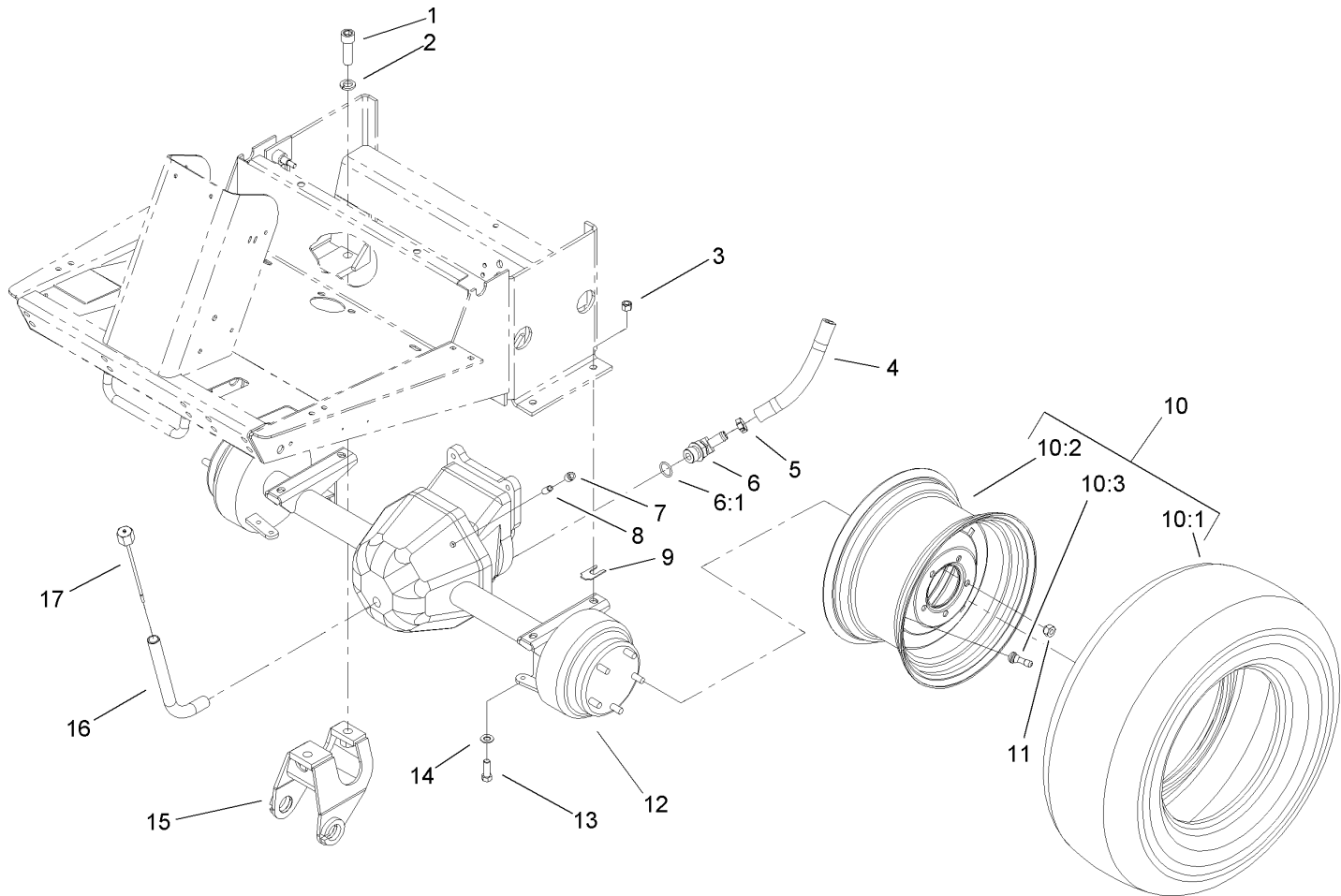
Ref	Part No.	Qty.	Description				
1	321-3	7	Screw-HH	PROTOTYPE			
2	63-7030-03	1	Screen-Hood Rear				
3	32128-33	7	Nut-HF				
4	63-6900-01	1	LH Hood Hinge Plate ASM				
5	3256-23	4	Washer-Flat				
6	3253-4	4	Washer-Lock				
7	322-5	4	Screw-HH				
8	106-4398	2	Decal				
9	93-3193	1	Decal-Hood, LH				
10	66-8110	1	Trim-Hood				
11	62-7400	2	Decal				
13	100-6571	1	Hood ASM				
13:2	98-9314	1	Grommet				
13:3	106-6754	1	Decal-Danger				
14	46-8091	2	Screw-HWH				
15	82-8950	2	Foam				
16	93-3192	1	Decal-Hood, RH				
17	65-5100	1	Handle-Door				
18	63-6890-01	1	RH Hood Hinge Plate ASM				
19	3272-10	1	Pin-Cotter				
20	283-58	1	Pin-Clevis				



Brake Pedal Assembly

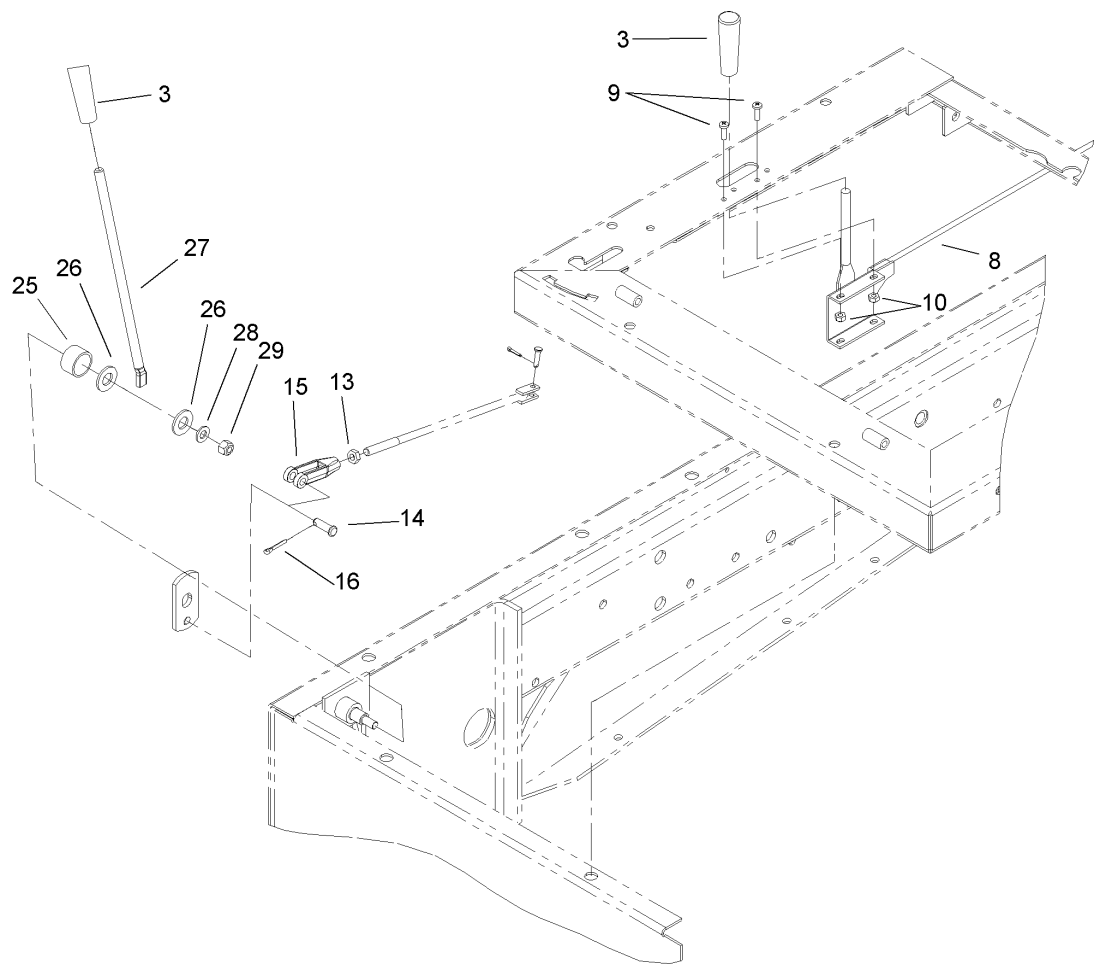
Ref	Part No.	Qty.	Description
1	63-7731	1	Cable-Brake
2	283-58	4	Pin-Clevis
3	3272-10	4	Pin-Cotter
4	63-6750	2	Link-Cable, Brake
5	3-7243	2	Spring-Extension
6	321-3	1	Screw-HH
7	63-6210-03	1	Pin-Brake
8	3296-42	1	Nut-Lock, NI
9	104-8300	1	Nut-Flange, NI
10	63-7730	1	Cable-Brake
11	32121-50	1	Pin-Spring
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



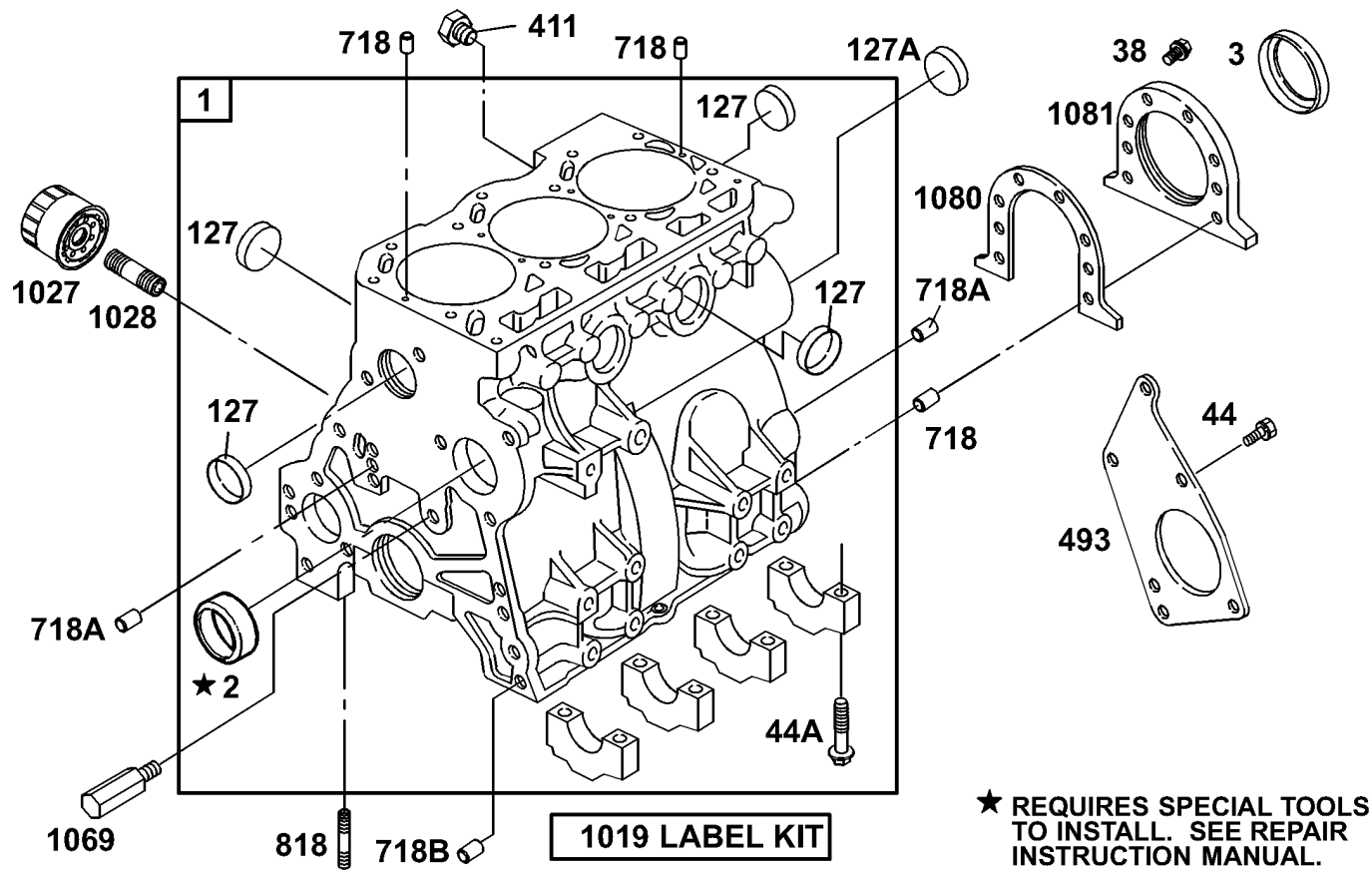
Front Axle Assembly

Ref	Part No.	Qty.	Description				
1	3273-38	4	Screw-HSH	PROTOTYPE			
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				
10		2	Wheel And 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	86-9640-03	1	Front Axle ASM				
13	324-5	4	Screw-HH				
14	3256-25	4	Washer-Flat				
15	98-2328-03	2	Bracket-Carrier				
16	105-7169	1	Tube-Oil Fill				
17	105-7172	1	Dipstick ASM				



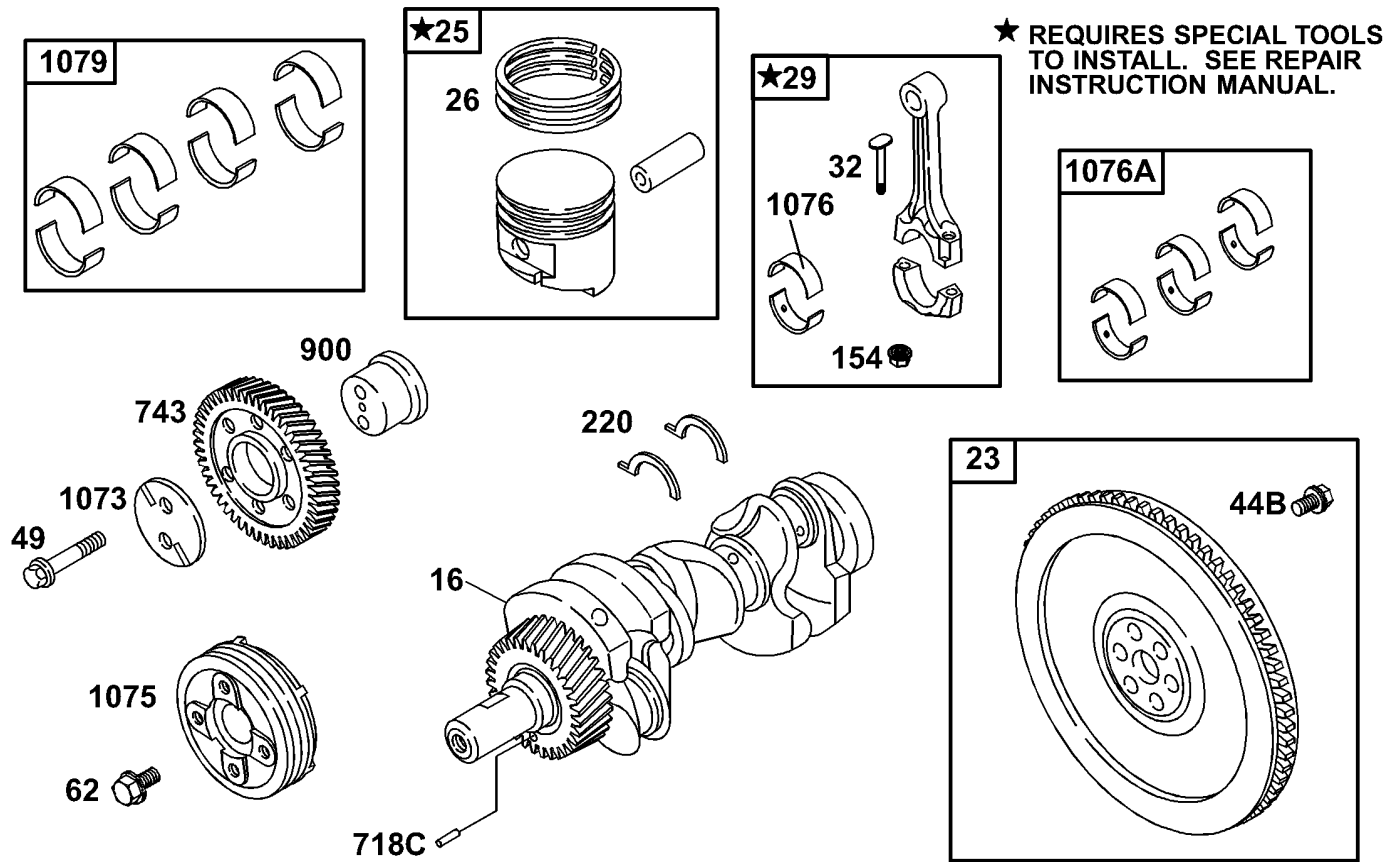
Throttle and Lift Lever Assembly

Ref	Part No.	Qty.	Description				
3	233-39	2	Knob-Control				
8	107-2907	1	Throttle Control ASM				
9	3290-500	2	Screw-PPH				
10	3296-2	2	Nut-Lock				
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				



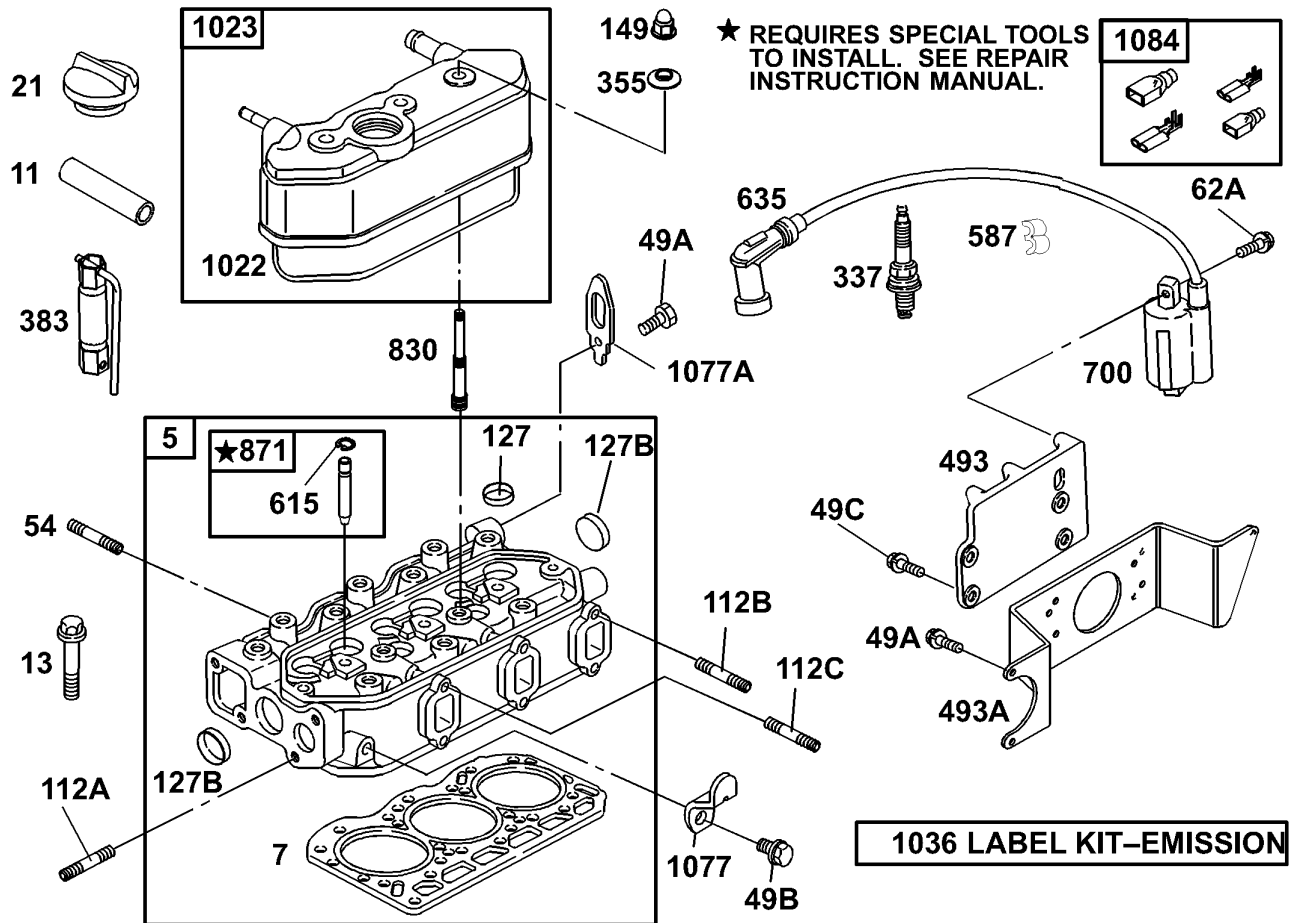
Cylinder Assembly

Ref	Part No.	Qty.	Description				
1	99-9251	1	Cylinder ASM				
1019	99-9015	1	Label Kit				
1027	99-9017	1	Filter-Oil				
1027	99-9016	1	Filter-Oil (Optional)				
1028	99-9018	1	Adapter-Filter, Oil				
1058	99-9019	1	Manual-Owners, Engine				
1069	99-9020	1	Nozzle-Oil				
1080	99-9021	1	Gasket-Retainer				
1081	99-9022	1	Retainer-Seal				
127	99-9008	7	Plug-Welch				
127A	99-9009	1	Plug-Welch				
2	99-9002	1	Bushing				
3	99-9003	1	Seal-Oil				
38	99-9004	6	Screw-Hex				
411	99-9010	1	Plug-Welch				
44	99-9005	3	Screw-Hex				
44A	99-9006	8	Screw-Hex				
493	99-9011	1	Bracket-Mounting				
718	99-9012	4	Pin-Locating				
718A	99-9013	3	Pin-Locating				
718B	99-9014	2	Pin-Locating				
818	99-9007	2	Stud-Metric				



Crankshaft Assembly

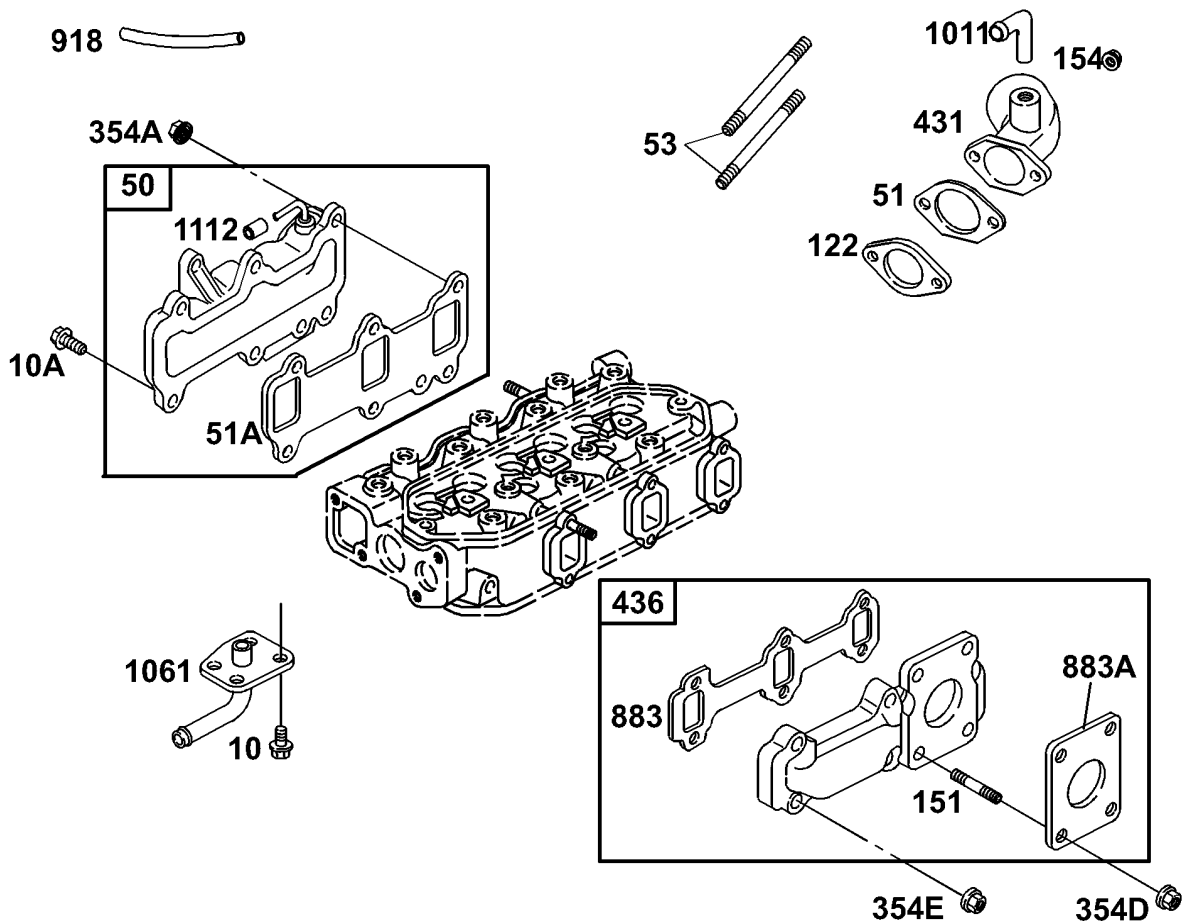
Ref	Part No.	Qty.	Description				
1073	99-9040	1	Plate-Gear, Idler				
1075	99-9041	1	Pulley-Crankshaft				
1076	99-9042	3	Bearing-Rod				
1076A	99-9043	3	Rod Bearing Set				
1076A	99-9044	3	Rod Bearing Set (.010 Undersize)				
1079	99-9045	4	Bearing Set (Main)set Of 8				
1079	99-9046	4	Bearing Set (.010 Undersize)				
154	99-9034	6	Nut-Hex				
16	99-9252	1	Crankshaft				
220	99-9035	1	Washer-Thrust				
220	99-9036	1	Washer-Thrust, .005 Oversize				
23	99-9024	1	Flywheel				
25	99-9025	3	Piston ASM (Standard)				
25	99-9026	3	Piston ASM (.010 Over)				
26	99-9028	3	Ring Set (.010 Over)				
26	99-9027	3	Ring Set (Standard)				
29	99-9029	3	Rod-Connecting				
32	99-9030	6	Screw-Rod, Connecting				
44B	99-9031	6	Screw-Hex				
49	99-9032	2	Screw-Hex				
62	99-9033	1	Screw-Hex				
718C	99-9037	1	Pin-Locating				
743	99-9609	1	Gear-Drive				
900	99-9039	1	Shaft-Gear				



Cylinder Head Assembly

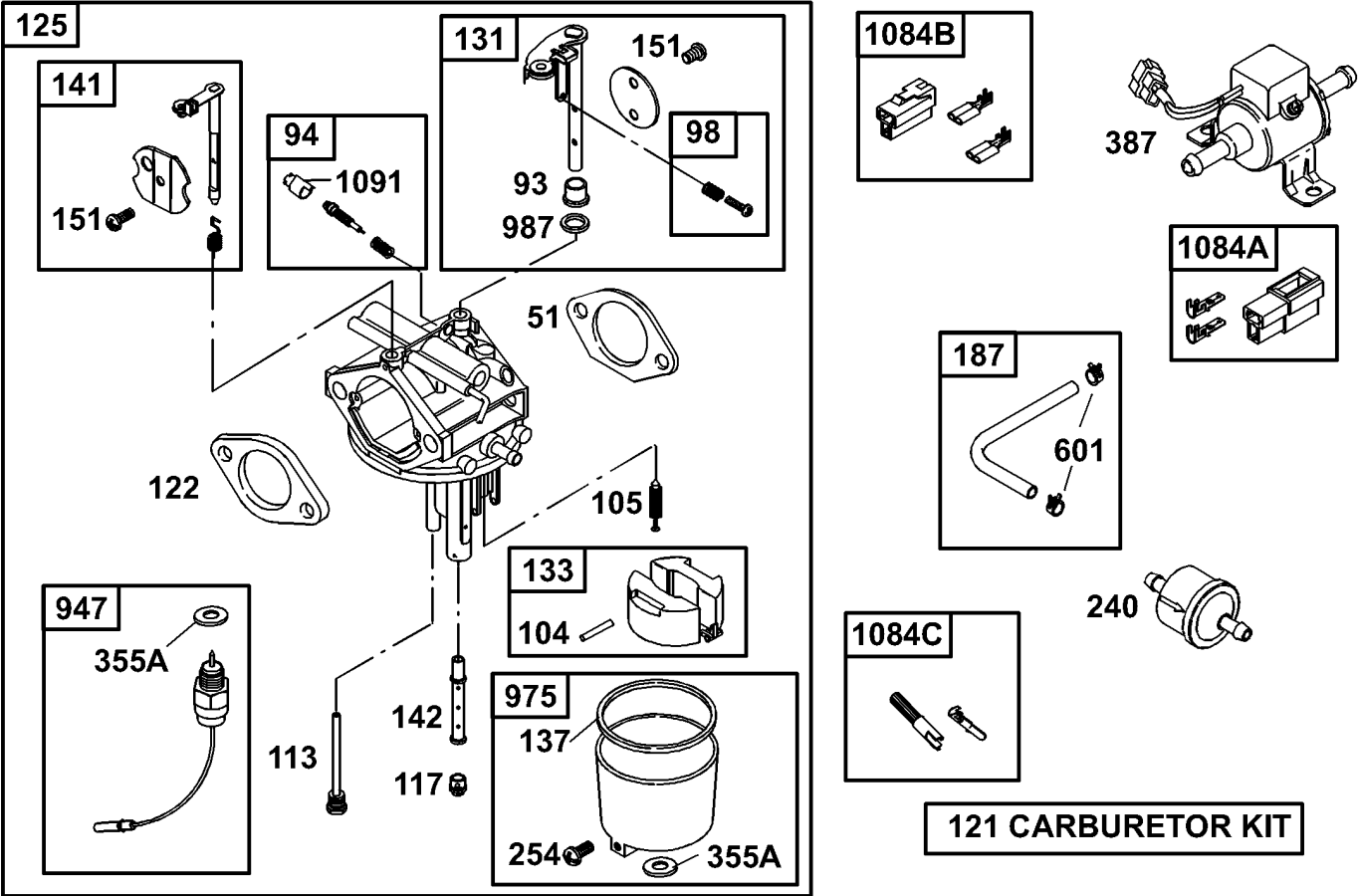
Ref	Part No.	Qty.	Description
1022	99-9073	1	Gasket-Cover, Rocker
1023	99-9074	1	Cover-Rocker
1036	99-9075	1	Emission Label Kit
1077	99-9076	1	Bracket-Lifting
1077A	99-9077	1	Bracket-Lifting
1084	99-9078	1	Connector
11	99-9049	1	Tube-Breather
112A	99-9057	2	Stud-Metric
112B	99-9058	5	Stud-Metric
112C	99-9059	1	Stud-Metric
127	99-9008	2	Plug-Welch
127B	99-9060	2	Plug-Welch
13	99-9255	14	Screw-Hex
149	99-9061	3	Nut-Hex, Metric
21	99-9052	1	Cap-Fill, Oil
337	77-7330	3	Plug-Spark
355	99-9063	3	Washer-Seal
383	99-9064	1	Wrench-Plug, Spark
493	99-9065	1	Bracket-Mounting
493A	99-9220	1	Bracket-Support
49A	99-9256	3	Screw-Hex
49B	99-9054	2	Screw-Hex
49C	99-9202	4	Screw-Hex
5	99-9253	1	Head-Cylinder

Ref	Part No.	Qty.	Description
54	99-9055	2	Stud-Metric
587	99-9066	2	Clip-Wire
615	99-9067	6	Retainer
62A	99-9056	6	Screw-Hex
635	99-9068	3	Boot-Plug, Spark
7	99-9254	1	Gasket-Head, Cylinder
700	99-9069	3	Coil-Ignition
830	99-9101	3	Stud-Arm, Rocker
871	99-9070	6	Bushing-Guide



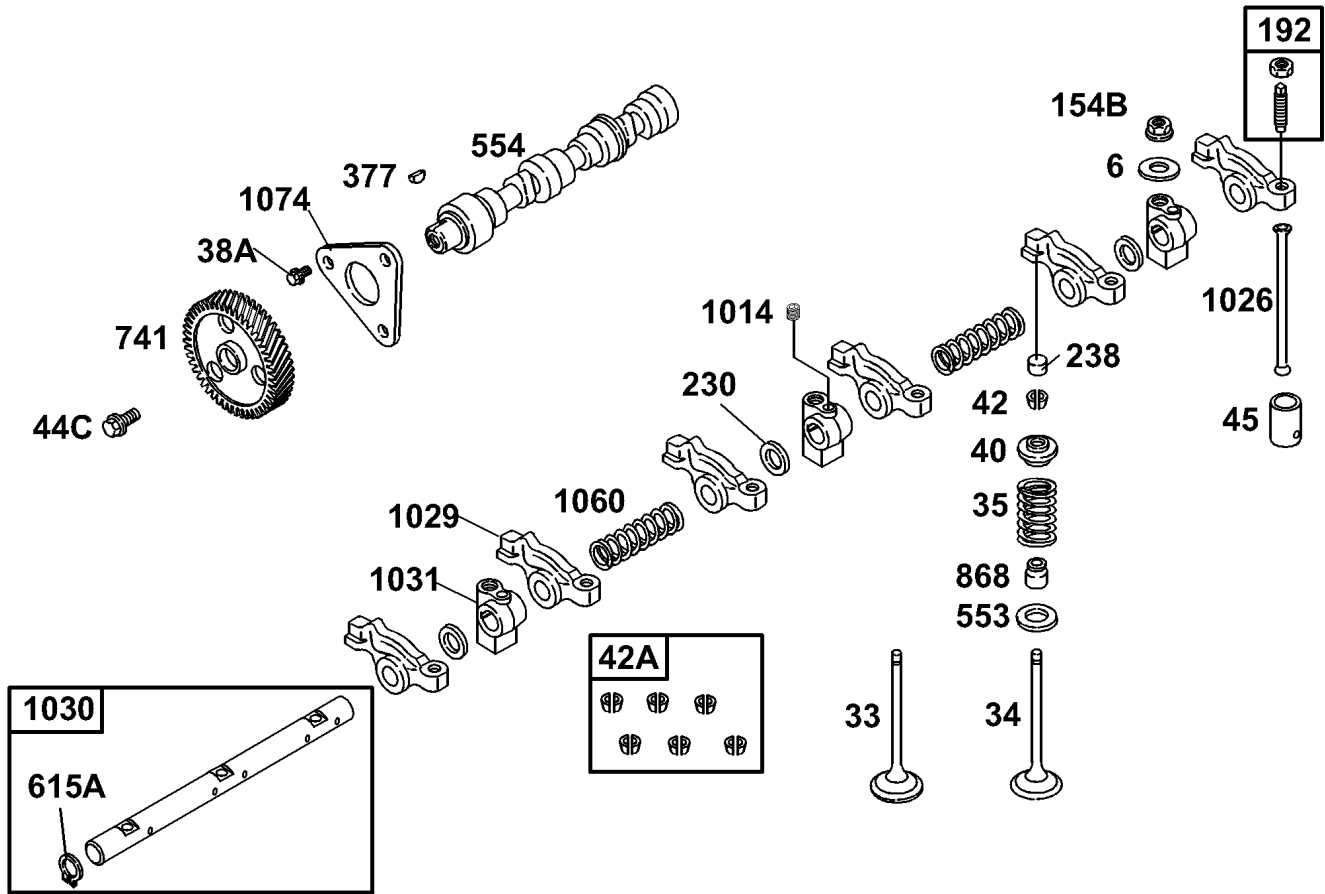
Intake and Exhaust Assembly

Ref	Part No.	Qty.	Description				
10	99-9004	4	Screw-Hex				
1011	99-9198	1	Tube-Vent				
1061	99-9180	1	Cover-Outlet				
10A	99-9111	4	Screw-Hex				
1112	99-9223	1	Plug-Vent				
122	99-9184	1	Spacer-Carburetor				
151	99-9174	4	Stud-Exhaust Manifold				
154	99-9186	2	Nut-Hex, Metric				
354A	99-9114	2	Nut-Hex, Metric				
354D	99-9176	4	Nut-Hex				
354E	99-9175	6	Nut-Hex, Metric				
431	99-9257	1	Elbow-Intake				
436	99-9177	1	Manifold-Exhaust				
50	99-9172	1	Manifold-Intake				
51	99-9182	1	Gasket-Intake				
51A	99-9173	1	Gasket-Intake				
53	99-9183	2	Stud-Carb. Mounting				
883	99-9178	1	Gasket-Exhaust				
883A	99-9179	1	Gasket-Exhaust				
918	99-9222	1	Hose-Vaccum				



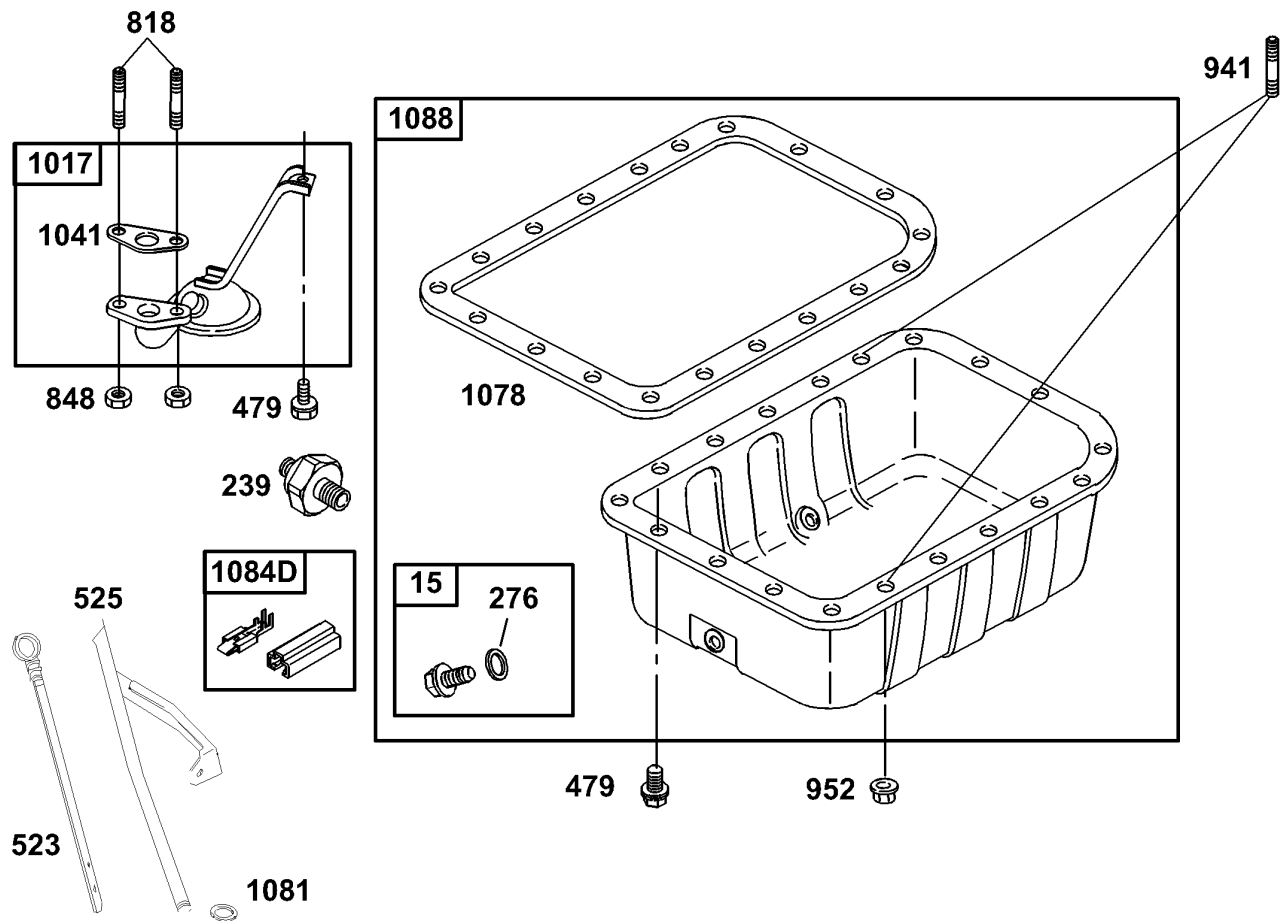
Carburetor Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
104	99-9226	1	Pin-Float Hinge	601	99-9242	1	Clamp-Hose
105	99-9227	1	Valve-Needle	94	99-9224	1	Valve-Idle Adj.
1084A	99-9199	1	Connector	947	99-9243	1	Solenoid-Fuel
1084B	99-9213	1	Connector	975	99-9244	1	Bowl-Float
1084C	99-9245	1	Connector	98	99-9225	1	Screw-Idle Speed
1091	99-9246	1	Cap-Limiter				
113	99-9228	1	Tube-Jet				
117	99-9230	1	Jet-Main (High Altitude)				
117	99-9229	1	Jet-Main				
121	99-9231	1	Carbuertor Kit				
122	99-9184	1	Spacer-Carburator				
125	99-9185	1	Carburetor				
131	99-9232	1	Shaft-Throttle				
133	99-9233	1	Float-Carburetor				
137	99-9234	1	Gasket-Float Bowl				
141	99-9235	1	Shaft-Choke				
142	99-9236	1	Nozzle-Carburetor				
151	99-9237	1	Screw-Cross/slotted				
187	99-9238	1	Line-Fuel				
240	99-9193	1	Filter-Fuel				
254	99-9239	1	Drain-Carb. Bowl				
355A	99-9240	1	Washer-Seal				
387	99-9196	1	Pump-Fuel				
51	99-9182	1	Gasket-Intake				



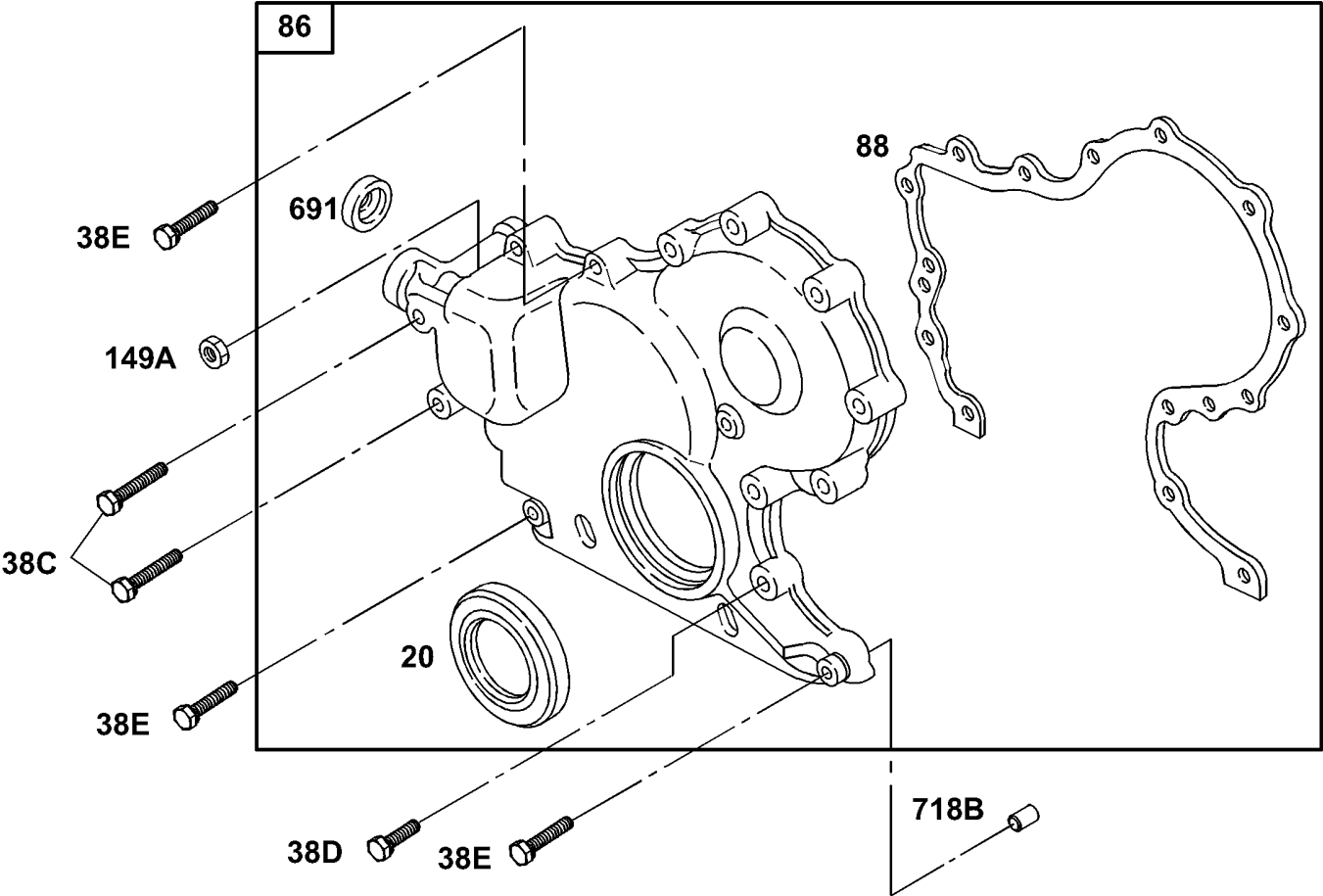
Rocker Arm Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1014	99-9090	3	Screw-Metric	615A	99-9099	2	Retainer
1026	99-9103	6	Rod-Push	741	99-9641	1	Gear-Cam
1029	99-9104	6	Arm-Rocker	868	99-9102	6	Seal-Valve
1030	99-9106	1	Shaft-Arm, Rocker				
1031	99-9107	3	Support-Arm, Rocker				
1060	99-9108	2	Spring-Shaft, Rocker				
1074	99-9109	1	Retainer-Camshaft				
154B	99-9091	3	Nut-Hex, Metric				
192	99-9092	6	Adjuster-Arm, Rocker				
230	99-9093	3	Washer-Spacer				
238	99-9094	6	Cap-Valve				
33	99-9080	3	Valve-Exhaust				
34	99-9081	3	Valve-Exhaust				
35	99-9082	6	Spring-Valve				
377	99-9095	1	Key-Woodruff				
38A	99-9083	3	Screw-Hex				
40	99-9084	6	Retainer-Valve				
42	99-9086	1	Keeper-Valve				
42A	99-9087	6	Keeper-Valve (Set Of Six)				
44C	99-9085	1	Screw-Metric				
45	99-9088	6	Tappet-Valve				
553	99-9096	6	Seat-Spring, Valve				
554	99-9097	1	Shaft-Cam				
6	99-9079	3	Washer-Flat				



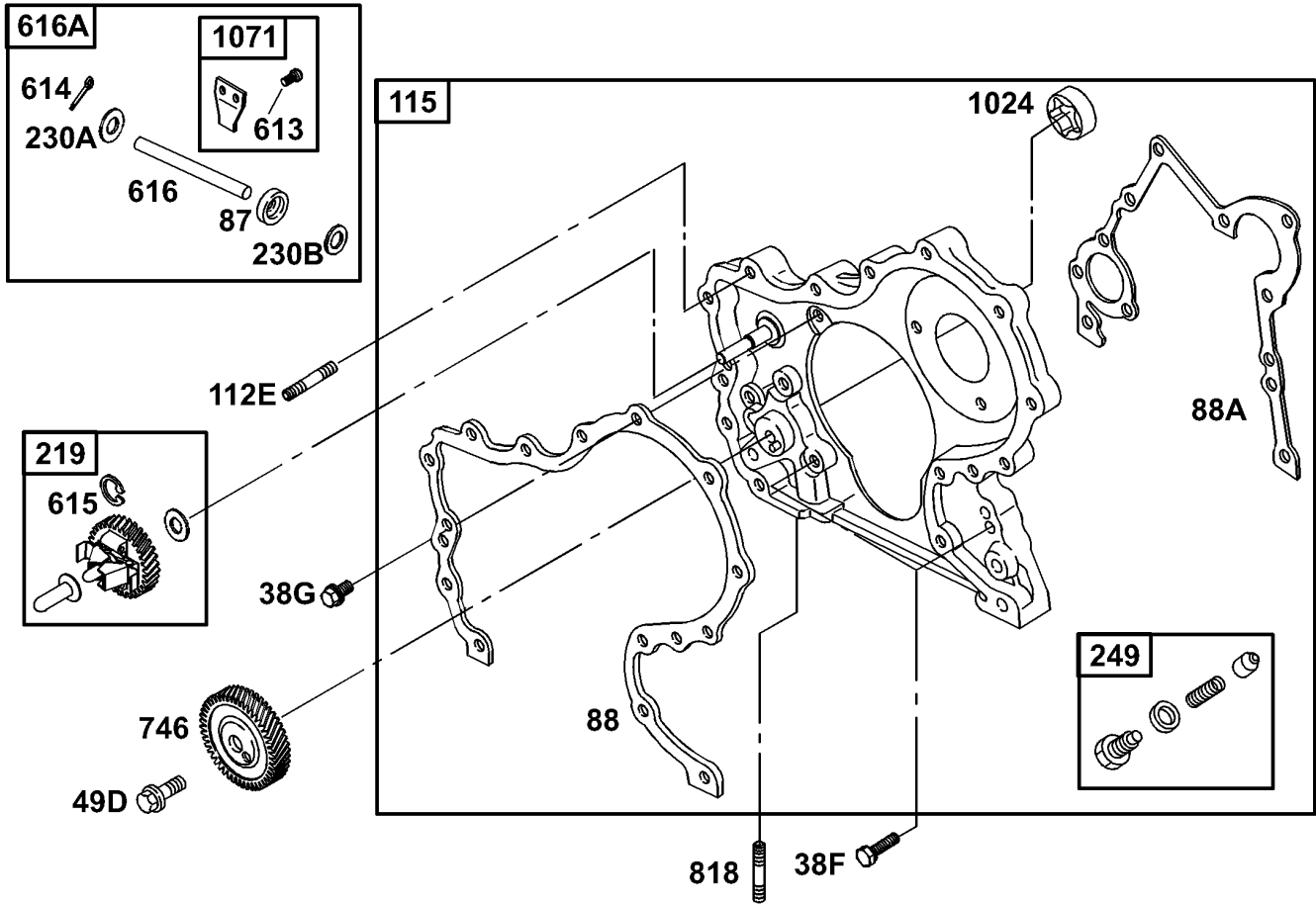
Oil Pan and Dipstick Assembly

Ref	Part No.	Qty.	Description				
1017	99-9116	1	Screen-Pump, Oil				
1041	99-9120	1	Gasket-Strainer, Oil				
1078	99-9121	1	Gasket-Pan, Oil				
1081	99-9265	1	O-Ring (Dipstick)				
1084D	99-9124	1	Connector				
1088	99-9241	1	Pan-Oil				
15	99-9247	2	Plug-Drain, Oil				
239	99-9115	1	Switch-Pressure, Oil				
276	99-9249	2	Washer-Seal				
479	99-9111	18	Screw-Hex				
523	99-9259	1	Dipstick				
525	99-9260	1	Tube-Dipstick				
818	99-9007	2	Stud-Metric				
848	99-9113	2	Nut-Hex, Metric				
941	99-9112	2	Stud-Metric				
952	99-9114	2	Nut-Hex, Metric				



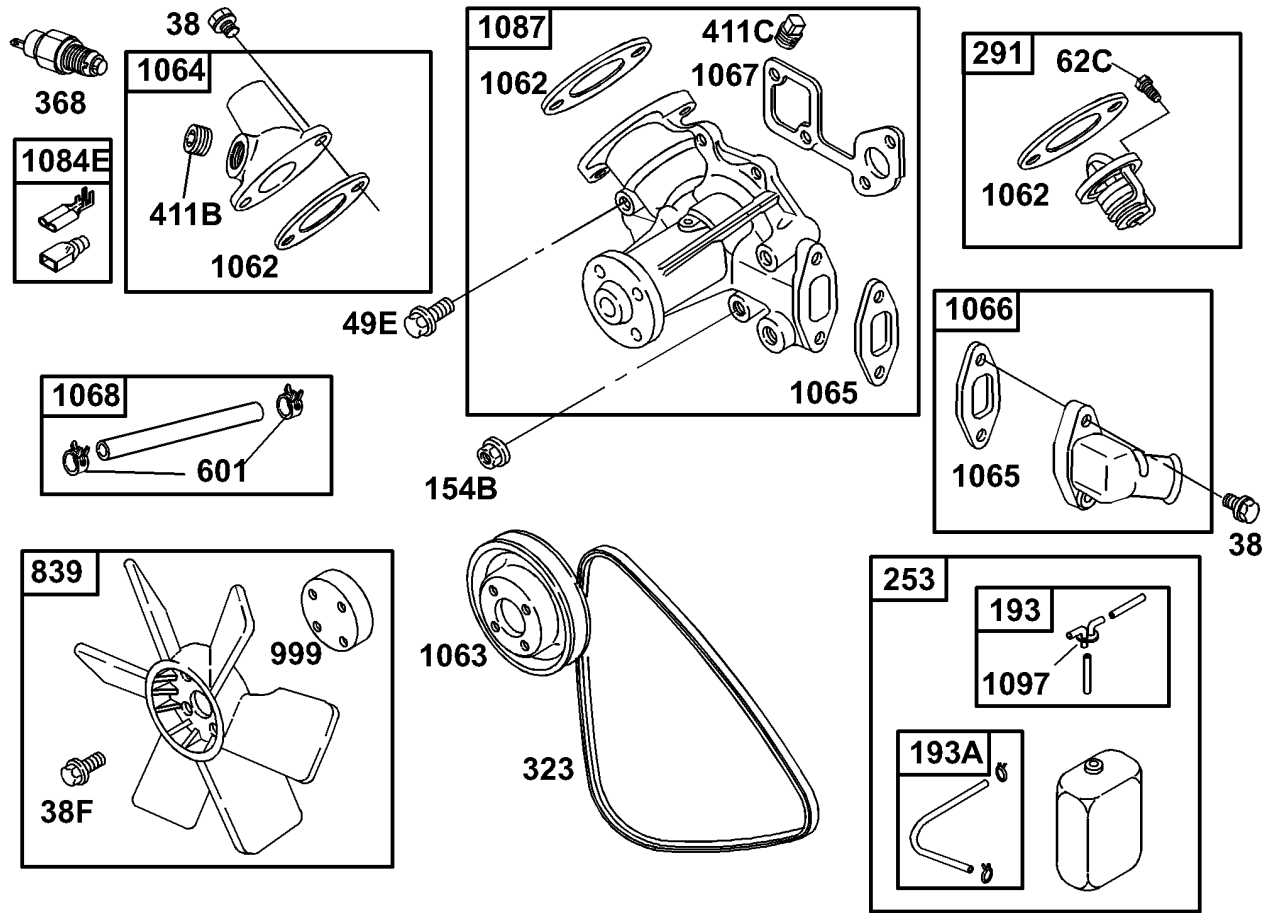
Cover Assembly

Ref	Part No.	Qty.	Description				
149A	99-9114	2	Nut-Hex, Metric				
20	99-9126	1	Seal-Oil				
38C	99-9127	2	Screw-Hex				
38D	99-9128	6	Screw-Hex				
38E	99-9129	3	Screw-Hex				
691	99-9131	1	Seal-Shaft, Governor				
718B	99-9014	2	Pin-Locating				
86	99-9130	1	Gear Cover ASM				
88	99-9132	1	Gasket-Cover				



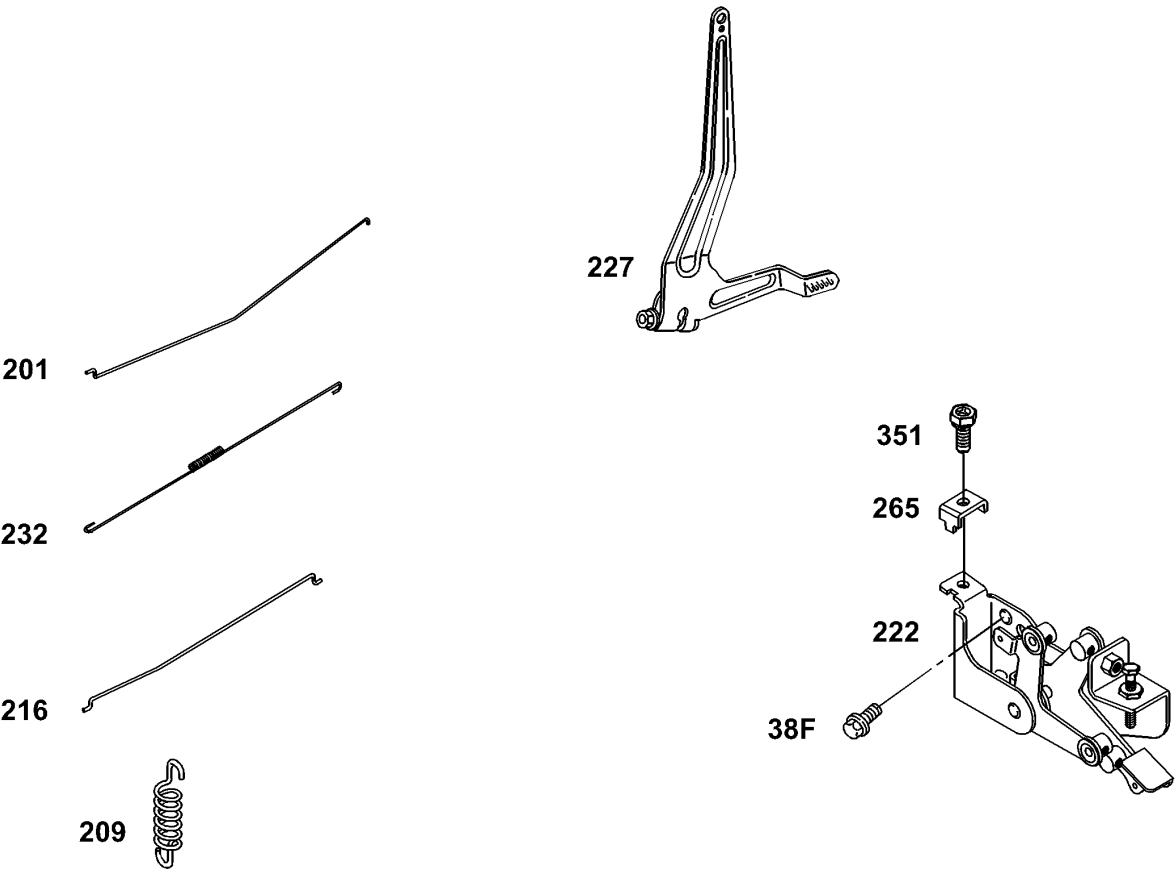
Gears and Housing Assembly

Ref	Part No.	Qty.	Description				
1071	99-9149	1	Paddle-Governor				
112E	99-9137	2	Stud-Metric				
115	99-9138	1	Housing-Gear				
219	99-9261	1	Gear-Governor				
230A	99-9140	1	Washer-Spacer				
230B	99-9141	1	Washer-Spacer				
249	99-9142	1	Valve-Relief, Oil				
38F	99-9133	4	Screw-Hex				
38G	99-9134	1	Screw-Hex				
49D	99-9135	1	Screw-Hex				
613	99-9143	2	Screw-Hex, Torx				
614	99-9053	1	Pin-Cotter				
615	99-9145	1	Retainer				
616	99-9146	1	Crank-Governor				
616A	99-9147	1	Crank-Governor				
746	99-9656	1	Gear-Drive				
818	99-9007	2	Stud-Metric				
87	99-9131	1	Seal-Shaft, Governor				
88	99-9132	1	Gasket-Cover				
88A	99-9136	1	Gasket-Cover, Gear				



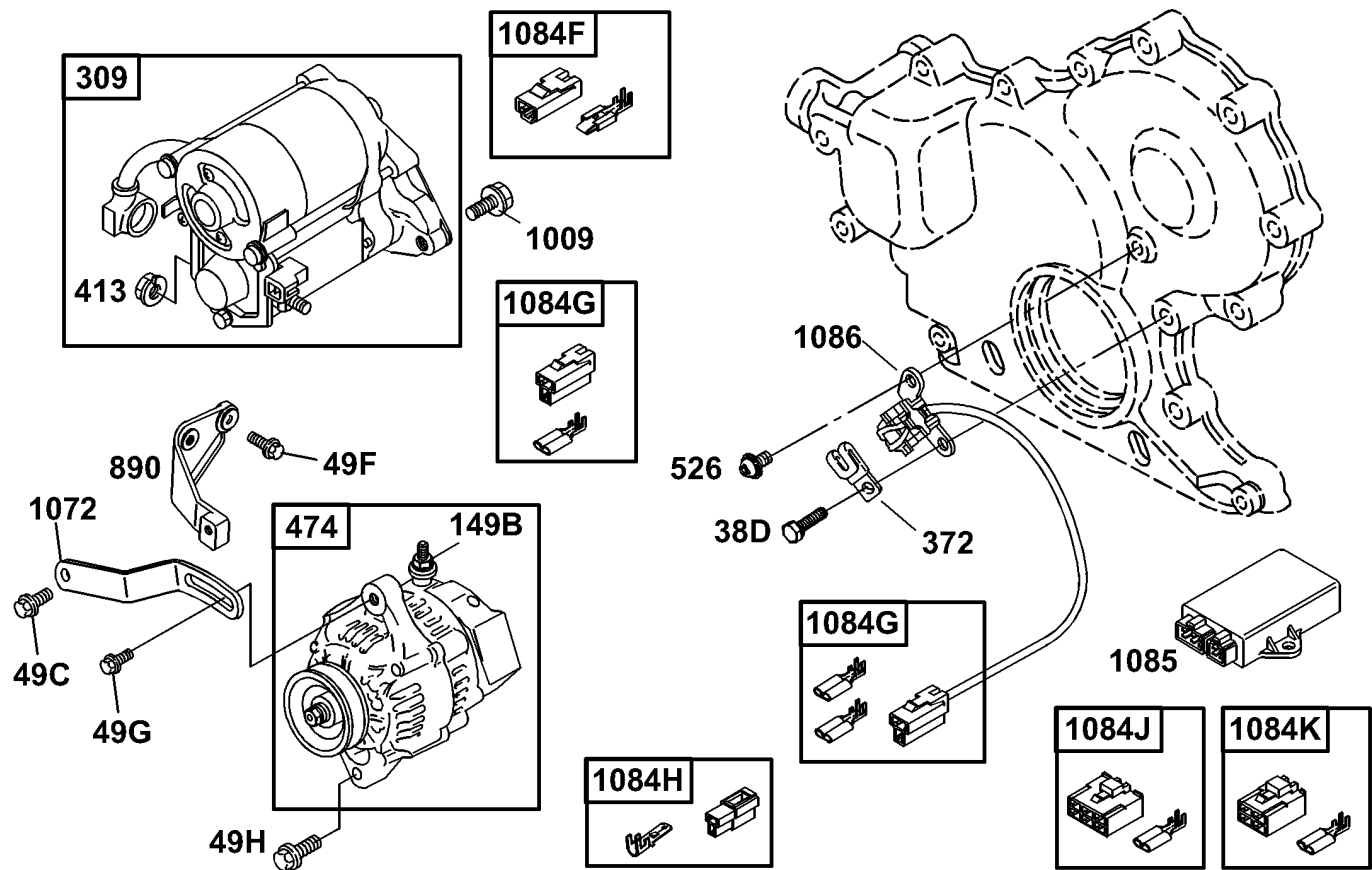
Water Pump and Fan Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1062	99-9163	1	Gasket-Outlet	839	99-9162	1	Fan-Radiator
1063	99-9164	1	Pulley-Pump	999	99-9161	1	Spacer
1064	99-9165	1	Housing-Outlet				
1065	99-9166	1	Gasket-Housing, Inlet				
1066	99-9167	1	Housing-Inlet				
1067	99-9168	1	Gasket-Pump, Water				
1068	99-9169	1	Hose Clamp ASM				
1084E	99-9098	1	Connector				
1087	99-9170	1	Pump-Water				
1097	99-9171	1	Cap-Surge, tank				
154B	99-9153	1	Nut-Hex, Metric				
193	99-9071	1	Hose-Tank, Reserve				
193A	99-9072	1	Hose-Tank, Reserve				
253	99-9154	1	Tank-Reserve				
291	99-9155	1	Thermostat				
323	99-9156	1	Belt-V				
368	99-9157	1	Switch-Temperature, Water				
38	99-9004	4	Screw-Hex				
38F	99-9133	4	Screw-Hex				
411B	99-9158	1	Plug				
411C	99-9159	1	Plug				
49E	99-9151	2	Screw-Hex				
601	99-9160	2	Clamp-Hose				
62C	99-9152	1	Screw-Metric				



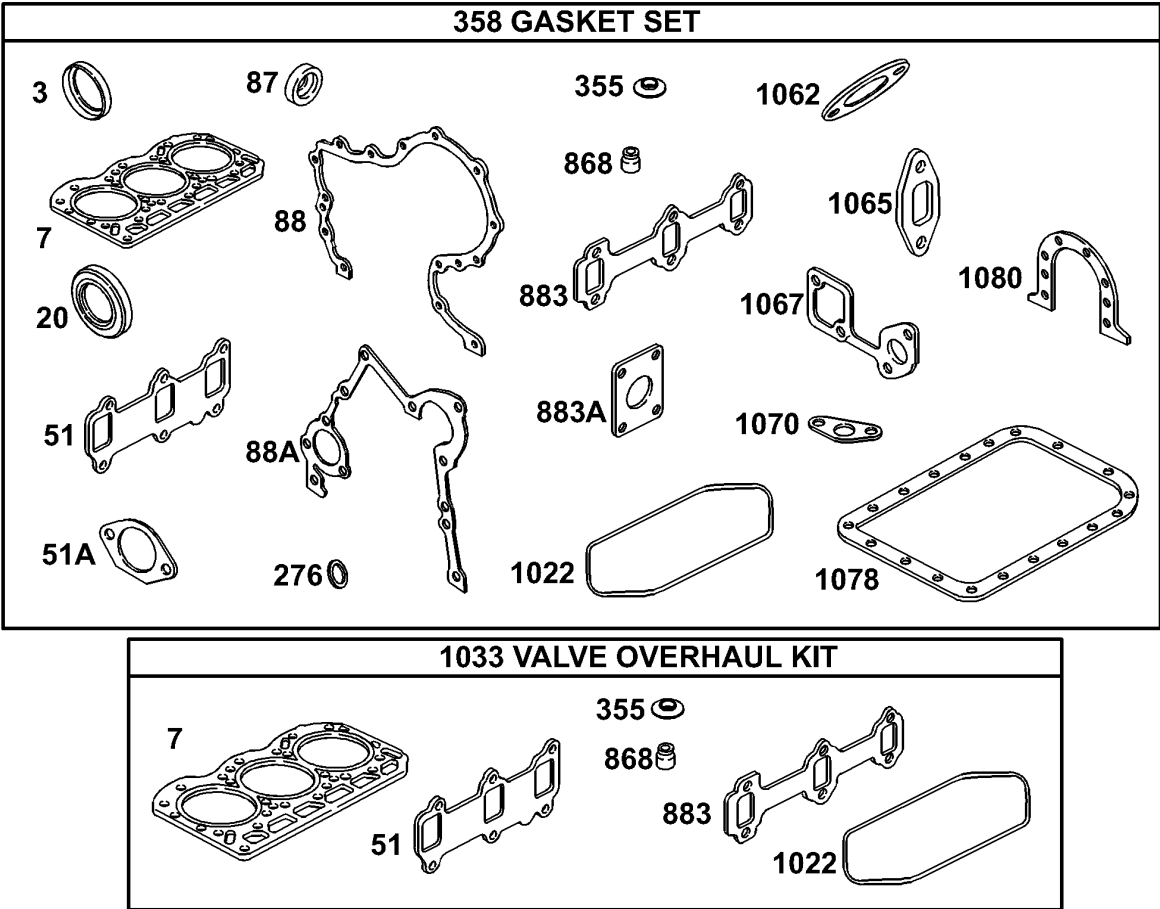
Governor Assembly

Ref	Part No.	Qty.	Description				
201	99-9187	1	Link-Governor, Mech.				
209	99-9188	1	Spring-Governor				
216	99-9189	1	Link-Choke				
222	99-9190	1	Bracket-Control				
227	99-9191	1	Lever-Governor				
232	99-9192	1	Spring-Link				
265	99-9194	1	Clamp-Casing				
351	99-9195	1	Screw-Phillips, Hex				
38F	99-9181	2	Screw-Hex				



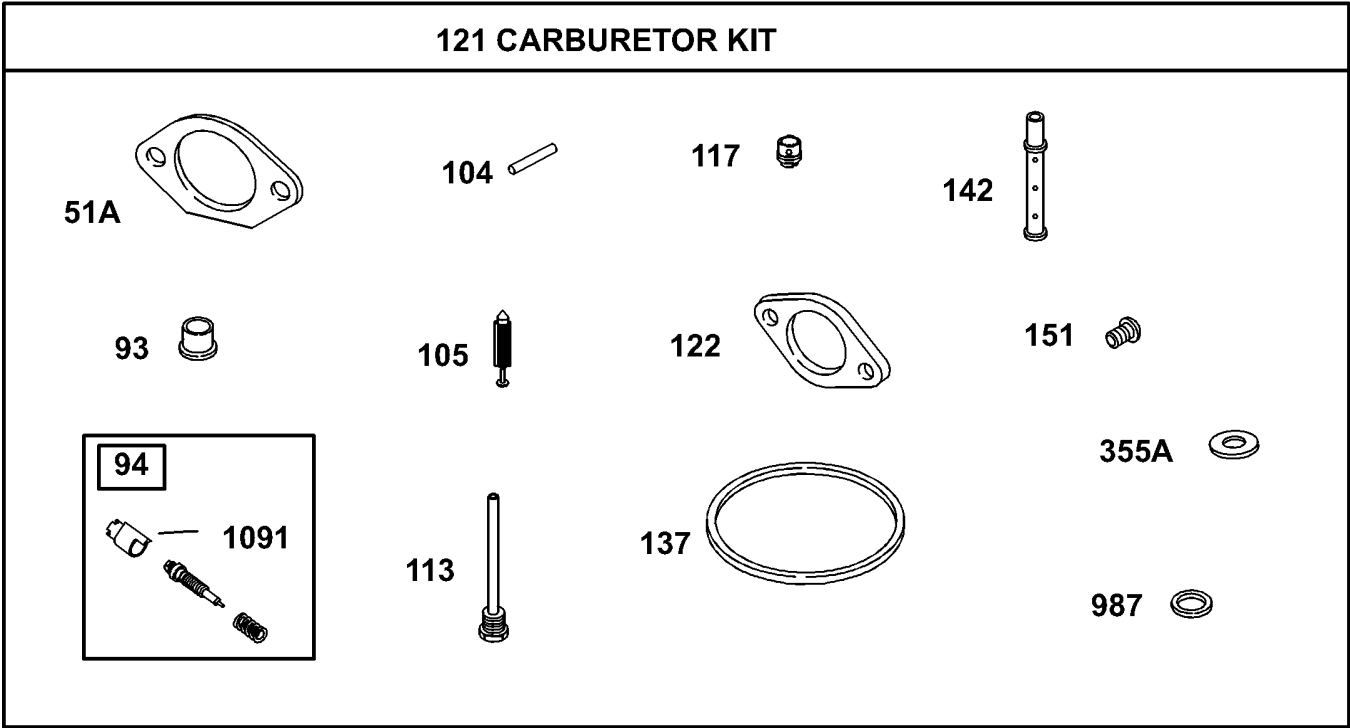
Alternator and Starter Assembly

Ref	Part No.	Qty.	Description				
1009	99-9201	2	Screw-Hex				
1072	99-9212	1	Bracket-Adjusting				
1084F	99-9144	1	Connector				
1084G	99-9213	1	Connector				
1084H	99-9199	1	Connector				
1084J	99-9214	1	Connector				
1084K	99-9215	1	Connector				
1085	99-9262	1	Module-Ignition				
1086	99-9217	1	Trigger-Ignition				
149B	99-9114	1	Nut-Hex, Metric				
309	99-9207	1	Motor-Starter				
372	99-9208	1	Clamp				
38D	99-9128	1	Screw-Hex				
413	99-9206	1	Nut-Hex, Metric				
474	99-9209	1	Alternator				
49C	99-9202	1	Screw-Hex				
49F	99-9203	2	Screw-8mm Hex				
49G	99-9105	1	Screw-Hex				
49H	99-9205	1	Screw-Hex, Metric				
526	99-9210	1	Screw-Phillips				
890	99-9211	1	Bracket-Support				



Gasket Set and Valve Overhaul Kit

Ref	Part No.	Qty.	Description				
1022	99-9073	1	Gasket-Cover, Rocker				
1033	99-9264	1	Valve Overhaul Kit				
1062	99-9163	1	Gasket-Outlet				
1065	99-9166	1	Gasket-Housing, Inlet				
1067	99-9168	1	Gasket-Pump, Water				
1070	99-9120	1	Gasket-Strainer, Oil				
1078	99-9121	1	Gasket-Pan, Oil				
1080	99-9021	1	Gasket-Retainer				
20	99-9126	1	Seal-Oil				
276	99-9117	2	Washer-Seal (12mm)				
276	99-9249	2	Washer-Seal				
3	99-9003	1	Seal-Oil				
355	99-9063	1	Washer-Seal				
358	99-9263	1	Gasket Set				
51	99-9173	1	Gasket-Intake				
51A	99-9182	1	Gasket-Intake				
7	99-9254	1	Gasket-Head, Cylinder				
868	99-9102	1	Seal-Valve				
87	99-9131	1	Seal-Shaft, Governor				
88	99-9132	1	Gasket-Cover				
883	99-9178	1	Gasket-Exhaust				
883A	99-9179	1	Gasket-Exhaust				
88A	99-9136	1	Gasket-Cover, Gear				



Carburetor Kit

Ref	Part No.	Qty.	Description				
104	99-9226	1	Pin-Float Hinge				
105	99-9227	1	Valve-Needle				
1091	99-9246	1	Cap-Limiter				
113	99-9228	1	Tube-Jet				
117	99-9229	1	Jet-Main				
121	99-9231	1	Carbuertor Kit				
122	99-9184	1	Spacer-Carburator				
137	99-9234	1	Gasket-Float Bowl				
142	99-9236	1	Nozzle-Carburetor				
151	99-9237	1	Screw-Cross/slotted				
355A	99-9240	1	Washer-Seal				
51A	99-9182	1	Gasket-Intake				
94	99-9224	1	Valve-Idle Adj.				

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