



Twister® 1400 Utility Vehicle

Model No. 12003 - 220000001 and up.

Parts Catalog

Ordering Replacement Parts

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

Understanding Reference Numbers

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

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

Service Assembly Reference Numbers

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

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

Reference Numbers Indicating Quantity

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

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

Contents

Description	Page	Description	Page
Dash Assembly	 3	Tailgate Assembly	 20
Pedal Assembly	 4	Engine and Clutch Assembly	 21
Shifter Assembly	 5	Hood and Fender Assembly	 22
Frame Assembly	 6	Cylinder, Oil Filter and Dipstick Assembly	 23
Seatbase Assembly	 7	Crankcase Assembly	 24
Front Tire and Steering Assembly	 8	Cylinder Head and Cover Assembly	 25
Rear Tire and Transaxle Assembly	 9	Crankshaft, Piston and Oil Pump Assembly	 26
Clutch Assembly No. 99-7104	 10	Carburetor and Fuel Pump Assembly	 27
Transaxle Assembly No. 99-7941	 11	Manifold Intake and Governor Control Assembly	 28
Right Hand Brake Assembly No. 99-7136	 13	Alternator Assembly	 29
Left Hand Brake Assembly No. 99-7137	 14	Blower Housing and Cover Assembly	 30
Drivetrain Mount Assembly	 15	Starter Motor Assembly	 31
Air Cleaner Assembly No. 99-7120	 16	Replacement Starter Motor Assembly	 32
Upper Steering Assembly	 17	Engine Gasket Set	 33
Steering Gearbox Assembly No. 99-7660	 18	Valve Gasket Set and Carburetor Overhaul Kit	 34
Box and Tailgate Assembly	 19		

Part Description Abbreviations

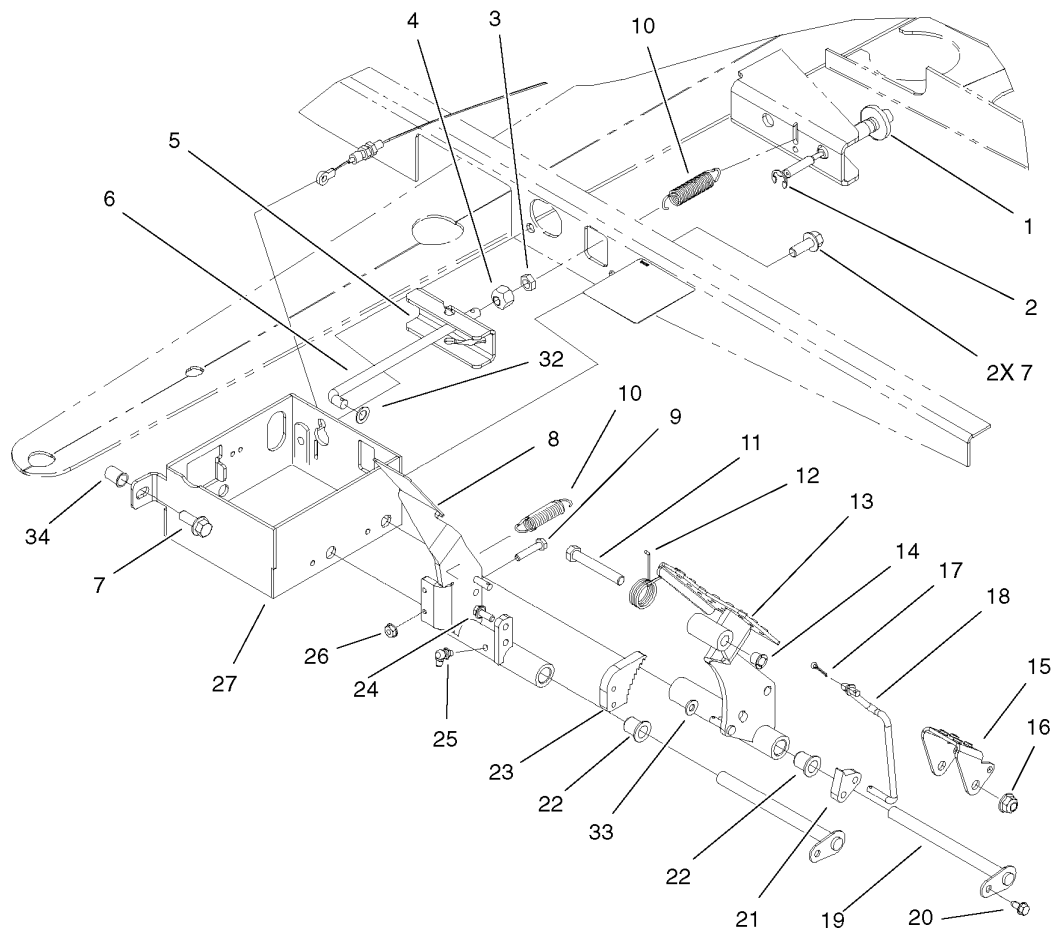
Part descriptions in this catalog may include the following abbreviations.

AR. as required	HYD. hydraulic
ASM. assembly	LH. left hand
BBC. blade brake clutch	NI. nylon insert
CARR. carriage	NPTF. national pipe thread fine
DEG. degrees	PFH. phillips flat head
EXT. external	PPH. phillips pan head
FH. flat head	PPHTF. phillips pan head thread forming
GA. gauge	PRH. phillips round head
HD. heavy-duty	PTH. phillips truss head
HF. hex flange	PTO. power-take-off
HH. hex head	RH. right hand
HHF. hex head flange	ROPS. roll-over protection system
HHFTF. hex head flange thread forming	SFH. slotted fillister head
HJ. hex jam	SHH. slotted hex head
HLH. hex lag head	SHWH. slotted hex washer head
HOC. height-of-cut	SPH. slotted pan head
HSBH. hex socket button head	SQH. square head
HSFH. hex socket flat head	SRH. slotted round head
HSH. hex socket head	STD. standard
HWH. hex washer head	TAP. self tapping
HWHTF. hex washer head thread forming	TTH. torx truss head

Footnotes

- | | | | |
|---|---|---|---|
| ❶ | Not serviced separately | ❷ | Included in Engine Gasket Set-Ref. 358. |
| ❸ | Included in Valve Gasket Set-Ref. 1095. | ❹ | Included in Carburetor Overhaul Kit-Ref. 121. |

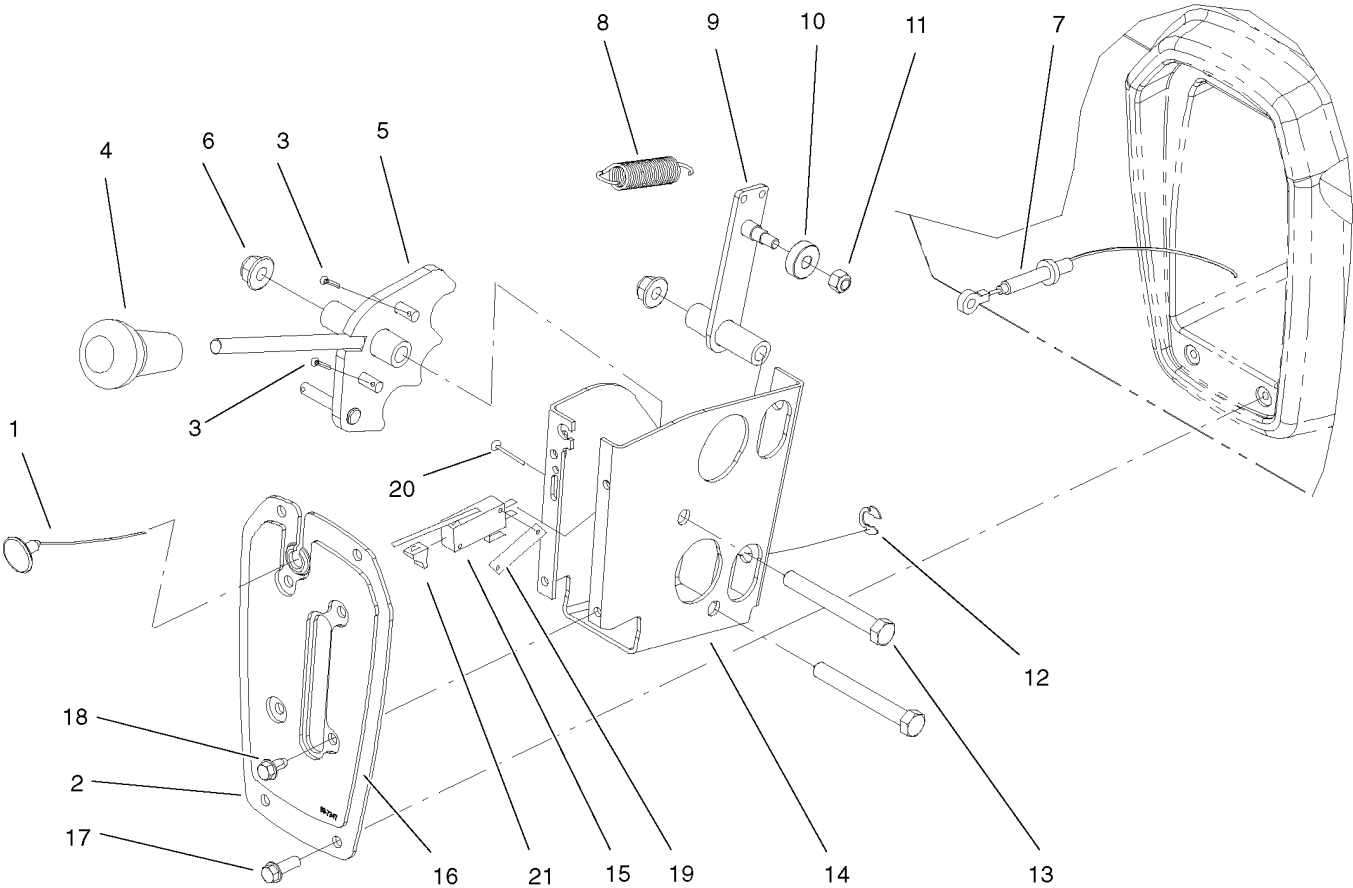
3



Pedal Assembly

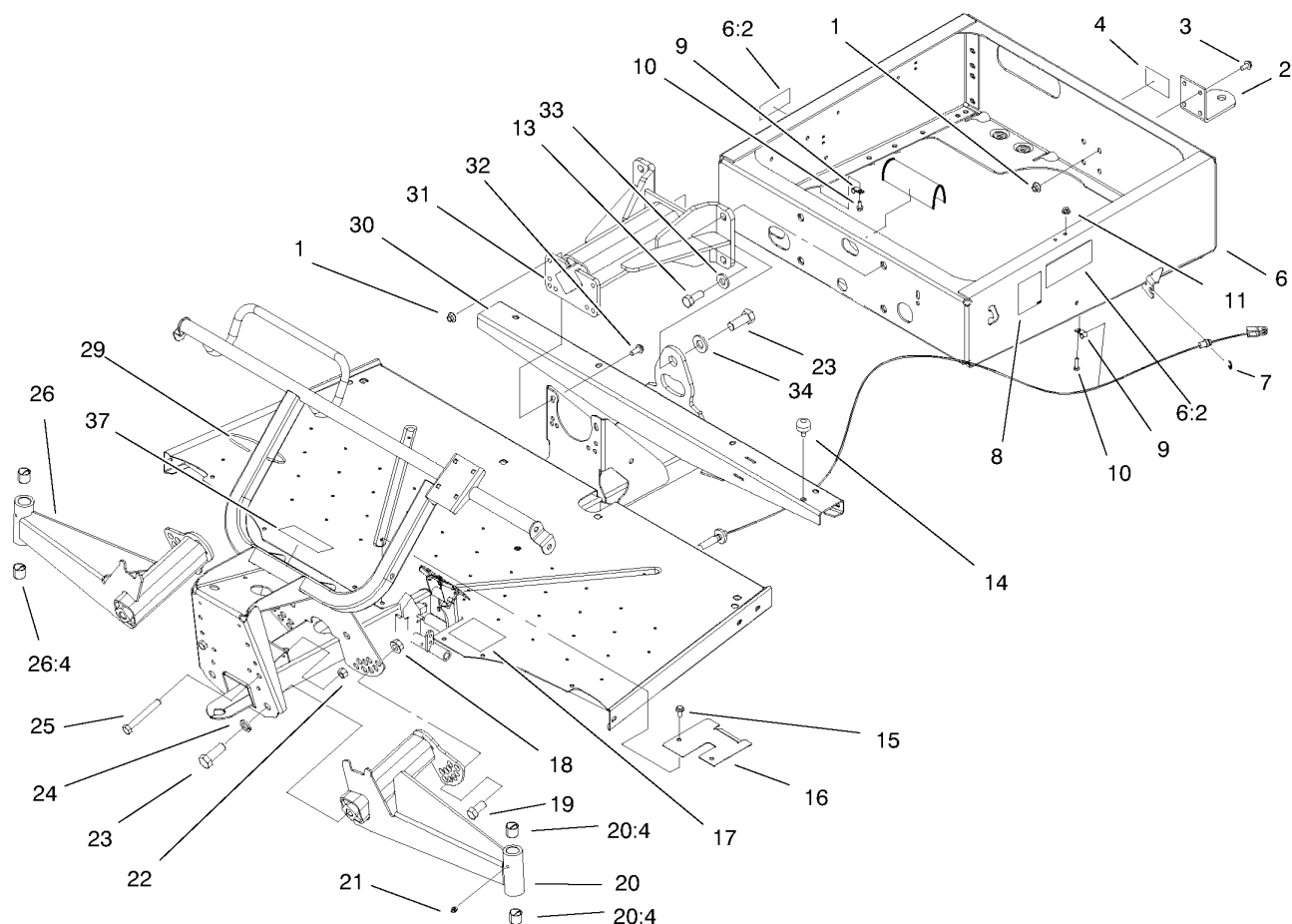
Ref	Part No.	Qty.	Description
1	99-7109	2	Cable-Brake
2	32120-47	2	Ring-Retaining, External
3	3219-3	1	Nut-Hex
4	99-7123	1	Nut-Equalizer
5	99-7093	1	Bracket-Brake, Adjustment
6	99-7060	1	Rod-Brake
7	3234-11	3	Screw-HHF
8	104-6752-03	1	Accelerator Pedal ASM
9	321-8	1	Screw-HH
10	104-6415	2	Spring-Return, Pedal
11	323-12	1	Screw-HH
12	99-7140	1	Spring-Torsion
13	104-6755-03	1	Brake Pedal ASM
14	52-2891	2	Bushing-Link, Steering
15	99-7963-03	1	Pedal-Park
16	104-8301	1	Nut-Flange, NI
17	3272-6	5	Pin-Cotter
18	104-6756	1	Rod
19	99-7169	2	Pivot-Pedals
20	12-3270	2	Screw
21	99-7218	1	Detent
22	256-155	4	Bushing-Flange
23	99-7214	1	Pawl-Brake
24	3234-33	2	Screw-HHF

Ref	Part No.	Qty.	Description
25	302-60	2	Fitting-Grease, 90 DEG
26	32149-2	3	Nut-Keps
27	99-7210-03	1	Base ASM
32	3256-46	1	Washer-Flat
33	3256-22	1	Washer-Flat
34	32148-9	1	Insert-Nut



Shifter Assembly

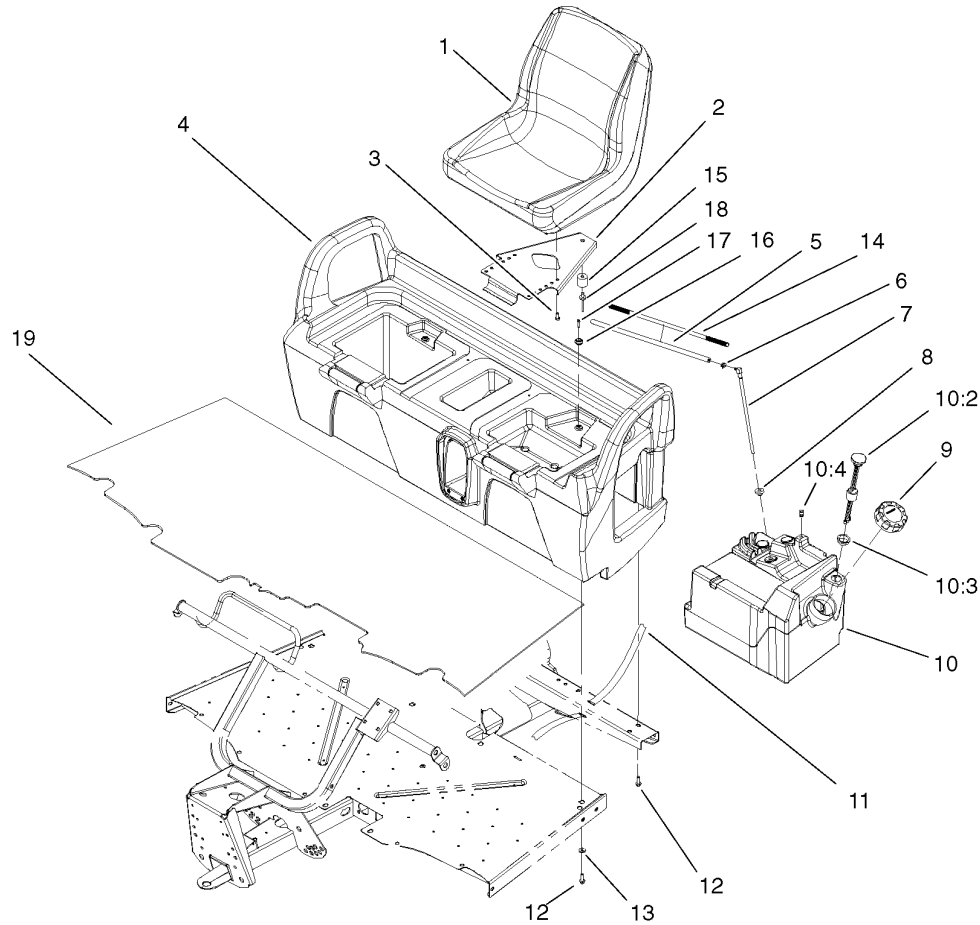
Ref	Part No.	Qty.	Description				
1	99-7111	1	Cable-Choke				
2	99-7887-03	1	Plate-Shifter				
3	3272-5	2	Pin-Cotter				
4	99-7981	1	Knob-Grip, Soft				
5	99-7879	1	Lever-Shifter				
6	104-8301	2	Nut-Flange, NI				
7	104-6896	2	Cable-Shift				
8	104-6415	1	Spring-Return, Pedal				
9	99-7176	1	Detent				
10	251-307	1	Bearing-Ball				
11	3296-42	1	Nut-Lock, NI				
12	32151-101	2	E-Ring				
13	323-14	2	Screw-HH				
14	104-6509-03	1	Bracket-Shift				
15	88-9932	1	Switch-Micro				
16	99-7952	1	Decal-Shifter				
17	32105-15	4	Screw				
18	12-3270	4	Screw				
19	3290-354	1	Nut-Speed				
20	3290-313	2	Screw-Ph				
21	93-3240	1	Plunger-Seal				



Frame Assembly

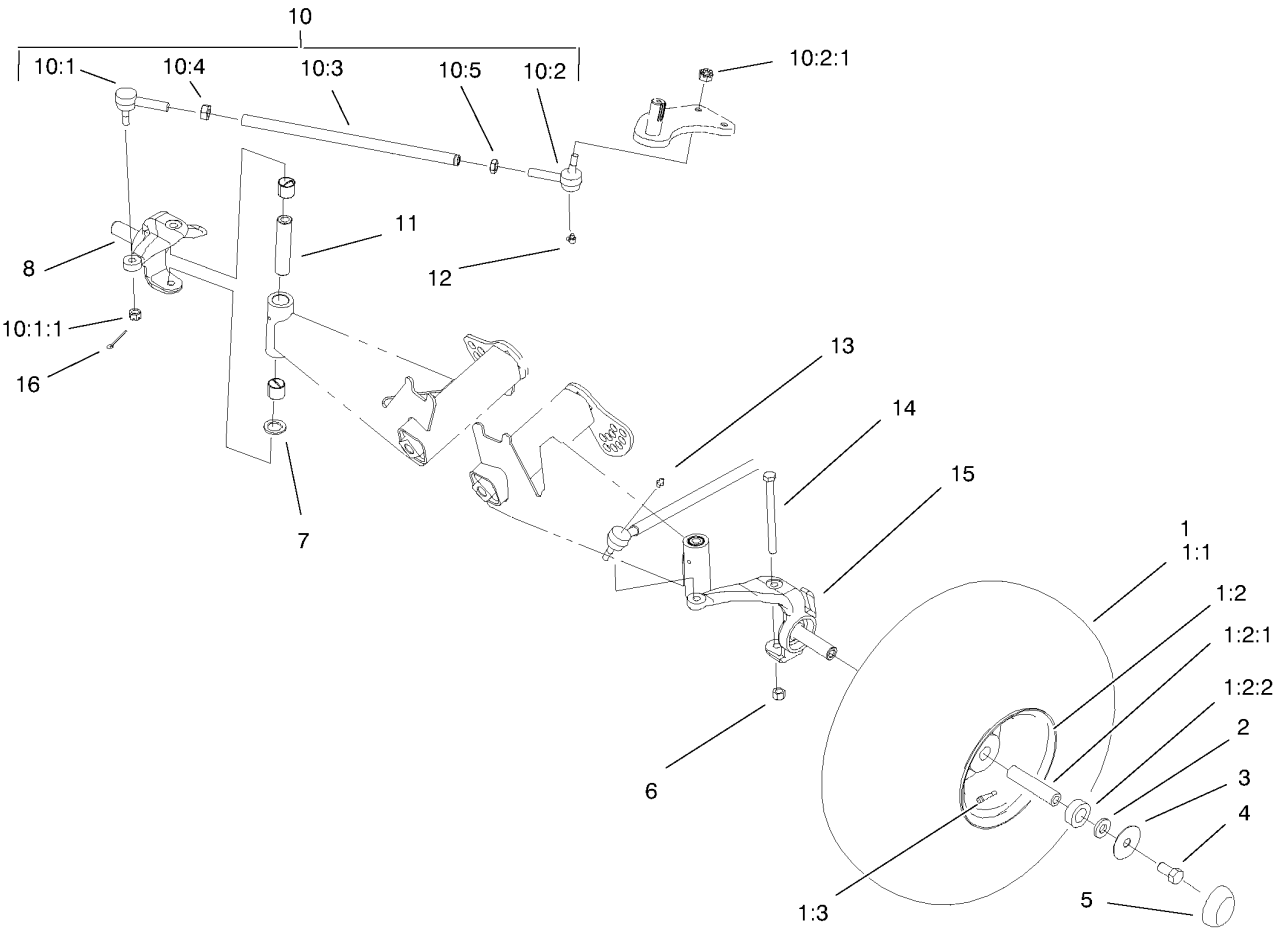
Ref	Part No.	Qty.	Description
1	104-8301	8	Nut-Flange, NI
2	99-7654-03	1	Hitch-Duty, Light
3	3234-24	4	Screw-HHF
4	99-7350	1	Decal-Information
6	99-7362	1	Rear Frame ASM
6:2	99-7345	2	Decal-Warning
7	32120-47	2	Ring-Retaining, External
8	99-7349	1	Decal-Information, Boxlatch
9	2412-89	5	Clamp
10	321-6	4	Screw-HH
11	32128-33	4	Nut-HF
13	327-4	4	Screw-HH
14	87-2440	1	Bumper-Rubber
15	3234-5	2	Screw-HHF
16	99-7275-03	1	Cover-Pedal
17	99-7346	1	Decal-Information, Brake
18	32128-54	2	Nut-HF
19	3214-2	2	Screw-HH
20	99-7685	1	LH A-Arm ASM
20:4	3-0348	2	Bushing
21	302-5	2	Fitting-Grease
22	3296-23	2	Nut-Lock, NI
23	328-24	5	Screw-HH
24	3254-7	4	Washer-Lock, Int

Ref	Part No.	Qty.	Description
25	325-17	2	Screw-HH
26	99-7684	1	RH A-Arm ASM
26:4	3-0348	2	Bushing
29	3290-379	11	Tie-Cable
30	99-7463-03	1	Frame-Front
31	99-7700	1	Pivot Yoke ASM
32	3234-11	4	Screw-HHF
33	99-7667	4	Washer-Flat
34	87-3060	1	Washer-Hardened
37	104-6856	1	Decal-Capacity
38	95-5686	1	Trim



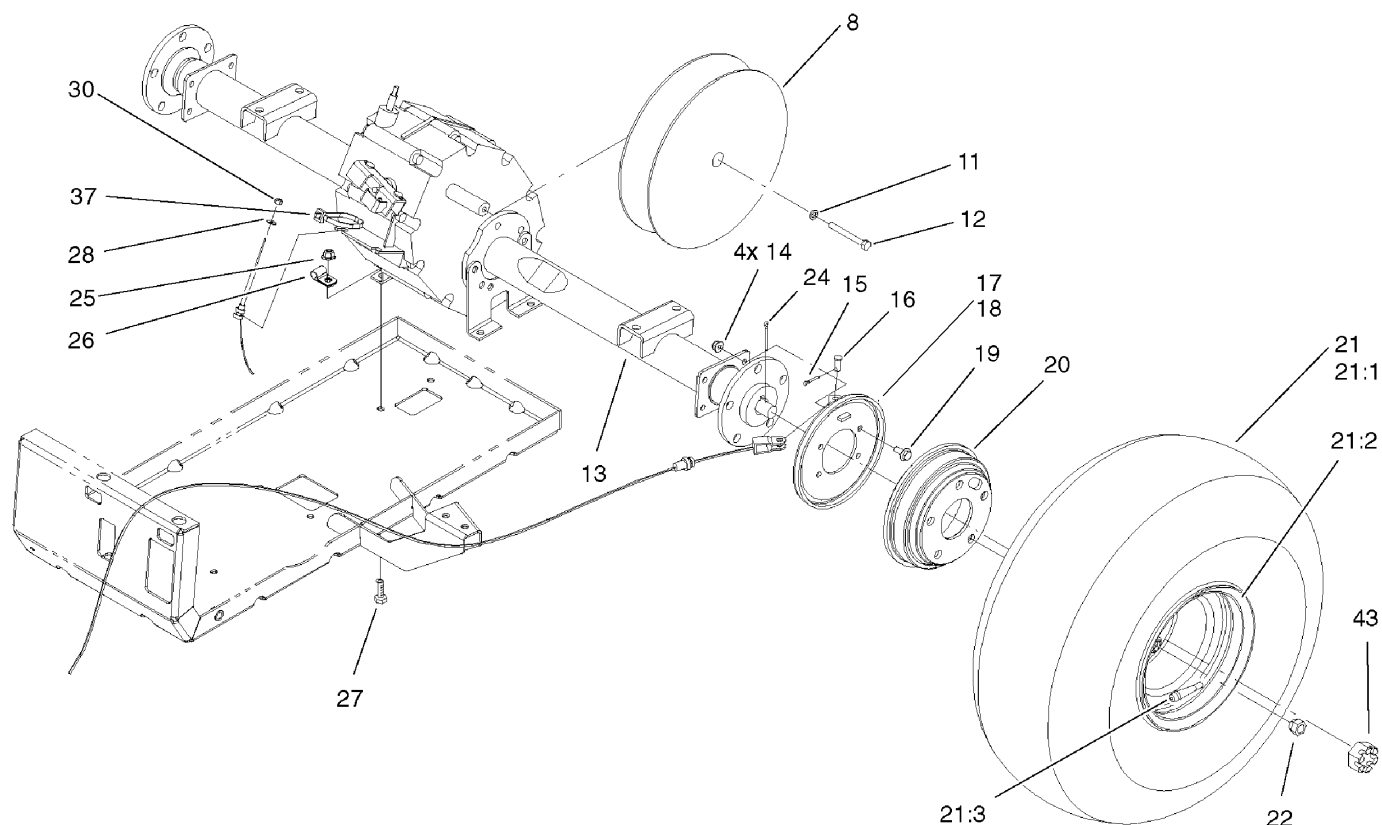
Seatbase Assembly

Ref	Part No.	Qty.	Description				
1	99-7281	2	Seat				
2	99-7829	2	Bracket-Seat				
3	33114-016	8	Screw-HH				
4	104-6401	1	Seat Base ASM				
5	99-7187	1	Hose-Fuel				
6	2412-98	1	Clamp				
7	99-7264	1	Pipe-Stand				
8	46-6560	1	Bushing				
9	95-4192	1	Unleaded Gas Cap ASM				
10	99-7323	1	Fuel Tank ASM				
10:2	99-7262	1	Gauge-Fuel				
10:3	95-8972	1	Grommet				
10:4	99-7267	1	Vent-Air				
11	3339-175	1	Strapping-Web, 48 Inch				
12	3234-17	8	Screw-HHF				
13	88-7200	4	Washer-Flat				
14	99-7129	1	Conduit-Line, Fuel				
15	99-7830	2	Rubber Receptical ASM				
16	99-7833	2	Post-Holding				
17	32108-5	2	Screw-FH				
18	3290-412	2	Rivet				
19	104-6897	1	Mat-Floor				



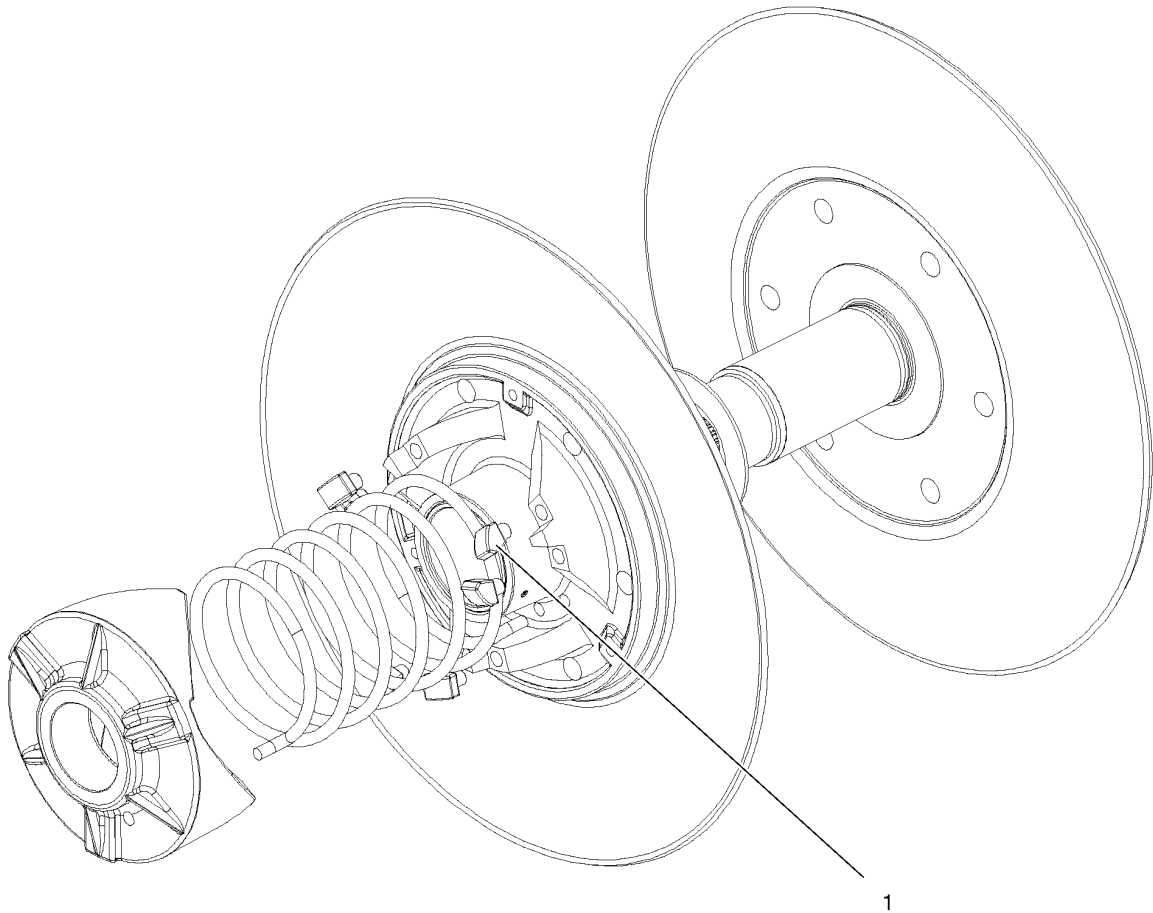
Front Tire and Steering Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
❶1		2	Wheel And Tire ASM	14	325-20	2	Screw-HH
1:1	99-7869	1	Tire	15	99-7486-03	1	Spindle-LH
1:2	104-6429	1	Wheel-W/Bearings	16	3272-7	4	Pin-Cotter
1:2:1	104-1699	1	Spacer				
1:2:2	104-1698	2	Bearing-Ball				
1:3	232-27	1	Stem-Valve				
2	99-7667	2	Washer-Flat				
3	99-7719	2	Washer				
4	327-2	2	Screw-HH				
5	94-7871	2	Cap-Dust				
6	3296-23	2	Nut-Lock, NI				
7	256-115	2	Washer-Thrust				
8	99-7487-03	1	Spindle-RH				
❶10		2	Rod-Tie				
10:1	112772	1	Joint-Ball, RH				
10:1:1	915031	1	Nut				
10:2	112771	1	Joint-Ball, LH				
10:2:1	915031	1	Nut				
10:3	99-7600-03	1	Rod-Tie				
10:4	3220-11	1	Nut-Jam				
10:5	3218-21	1	Nut-Jam				
11	99-7499	2	Sleeve-Kingpin				
12	302-60	2	Fitting-Grease, 90 DEG				
13	302-5	2	Fitting-Grease				



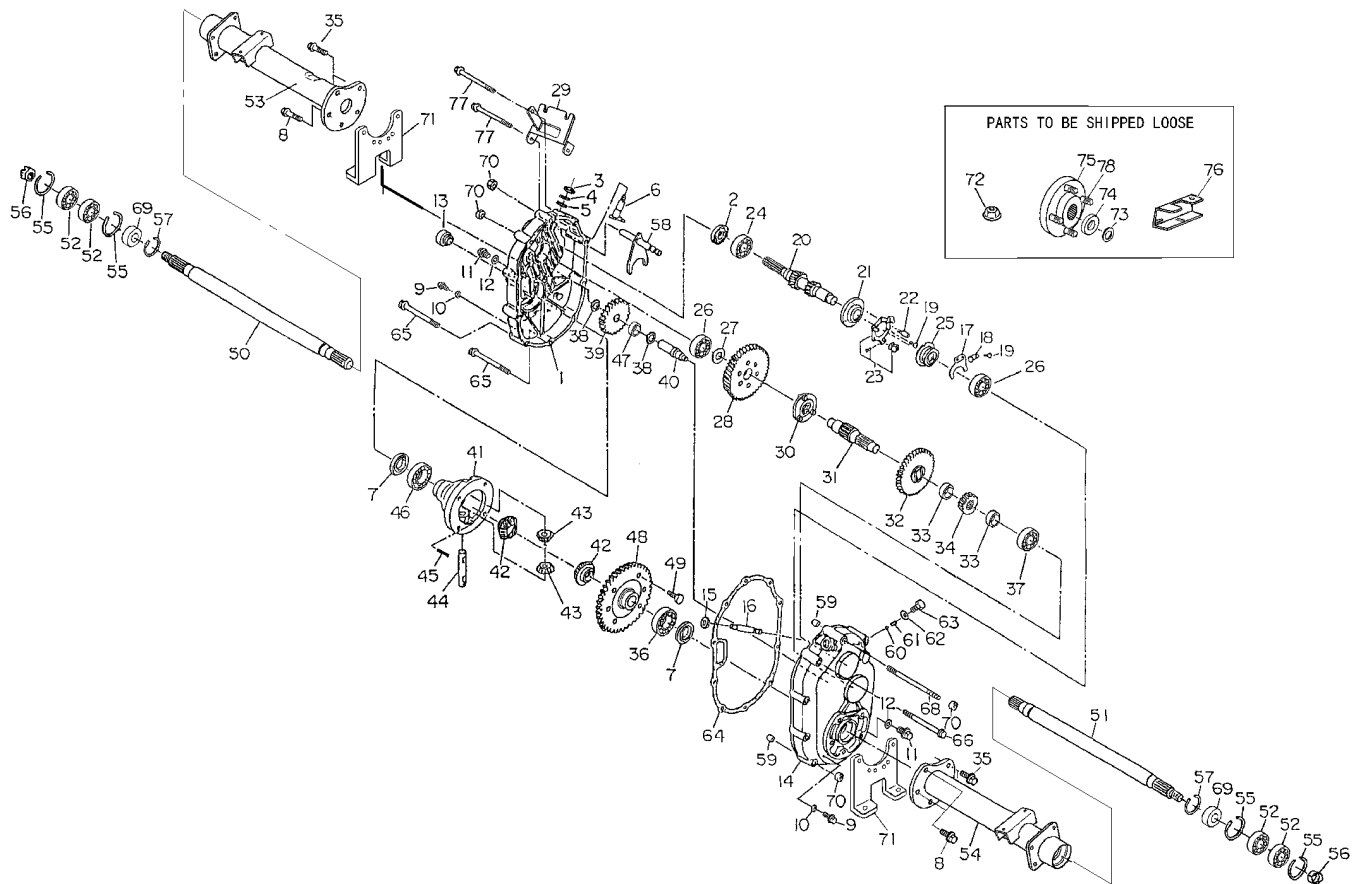
Rear Tire and Transaxle Assembly

Ref	Part No.	Qty.	Description				
8	99-7104	1	Clutch-Driven				
11	104-6563	1	Washer-Stepped				
12	104-6564	1	Screw-HH				
13	104-6898	1	Transaxle				
14	104-8300	8	Nut-Flange, NI				
15	3272-10	2	Pin-Cotter				
16	283-62	2	Pin-Clevis				
17	99-7136	1	Brake-RH				
18	99-7137	1	Brake-LH				
19	3234-5	10	Screw-HHF				
20	104-6500	2	Drum-Brake				
21		2	Wheel And Tire ASM				
21:1	99-7869	1	Tire				
21:2	104-6430	1	Wheel-5 Bolt				
21:3	232-27	1	Stem-Valve				
22	242-50	10	Nut-Lug				
24	3272-42	2	Pin-Cotter				
25	104-8301	4	Nut-Flange, NI				
26	2412-10	1	R-Clamp				
27	3234-24	4	Screw-HHF				
28	3256-49	2	Washer-Flat (Only On: 38053)				
30	3296-2	2	Nut-Lock				
37	3290-378	1	Tie-Cable				
43	104-1656	2	Nut-Castle				



Clutch Assembly No. 99-7104

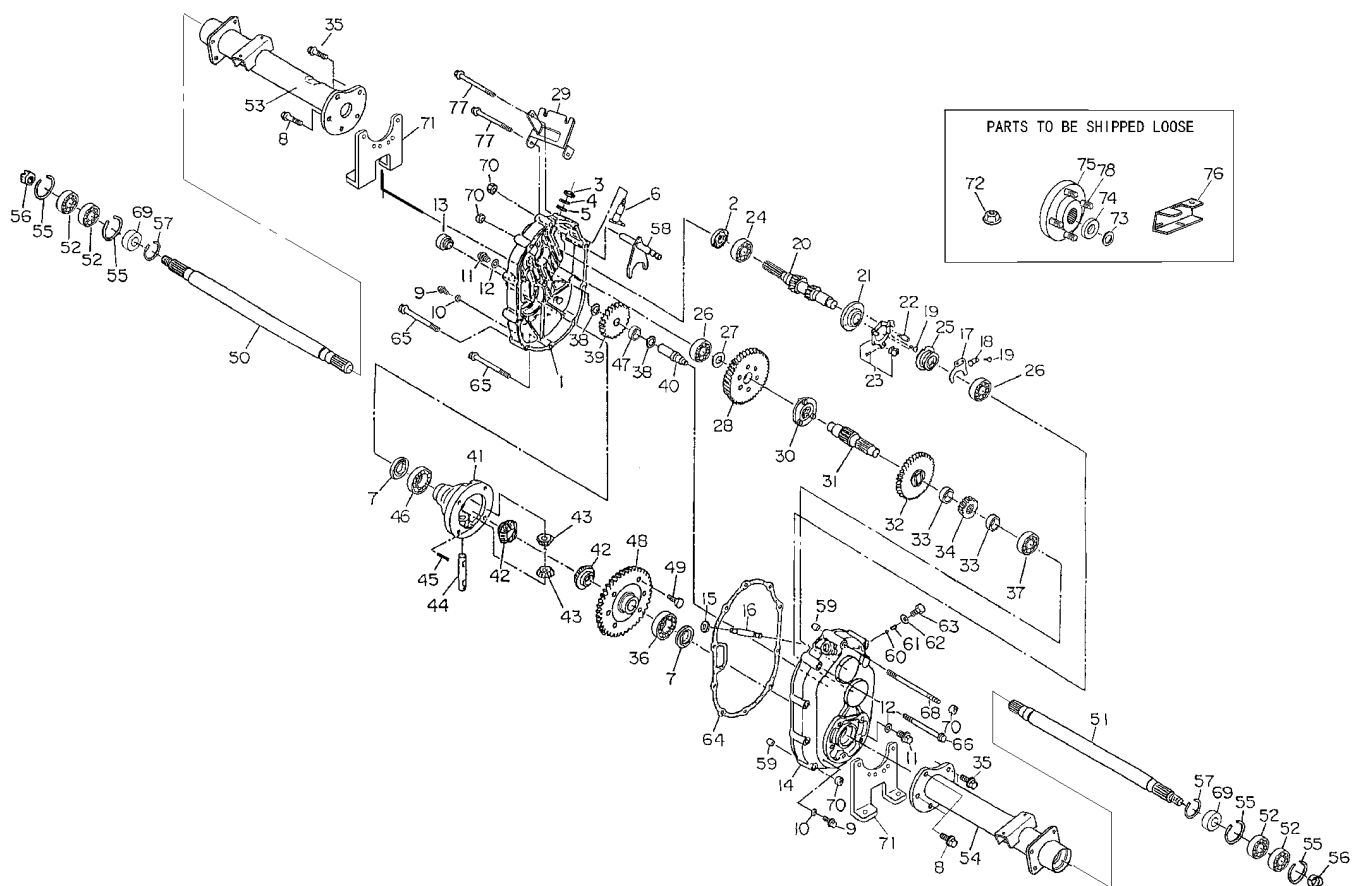
Ref	Part No.	Qty.	Description
1	104-4256	6	Pivot Bolt And Nut Kit



Transaxle Assembly No. 99-7941

Ref	Part No.	Qty.	Description
1	104-1601	1	Case-LH, Complete
2	104-1602	1	Seal-Oil
3	104-1603	1	Seal-Oil
4	104-1604	1	Ring-Snap
5	104-1605	1	Spacer
6	104-1606	1	Shaft-Selector
7	104-1607	2	Seal-Oil
8	104-1608	4	Bolt-Flange
9	104-1609	2	Plug-Check, Oil
10	104-1610	2	Gasket
11	104-1611	2	Plug-Drain, Oil
12	104-1612	2	Gasket
13	104-1613	1	Plug-Filler, Oil
14	104-1614	1	Case-Complete, RH
15	104-1615	1	Seal-Oil
16	104-1616	1	Shaft-Governor
17	104-1617	1	Fork-Governor
18	104-1618	1	Stopper
19	104-1619	4	Screw And Washer ASM
20	104-7002	1	Shaft-Input, Complete
21	104-1621	1	Base-Governor
22	104-1622	1	Pin-Lock
23	104-1623	1	Unit-Plate, Governor
24	104-1624	1	Bearing-Ball

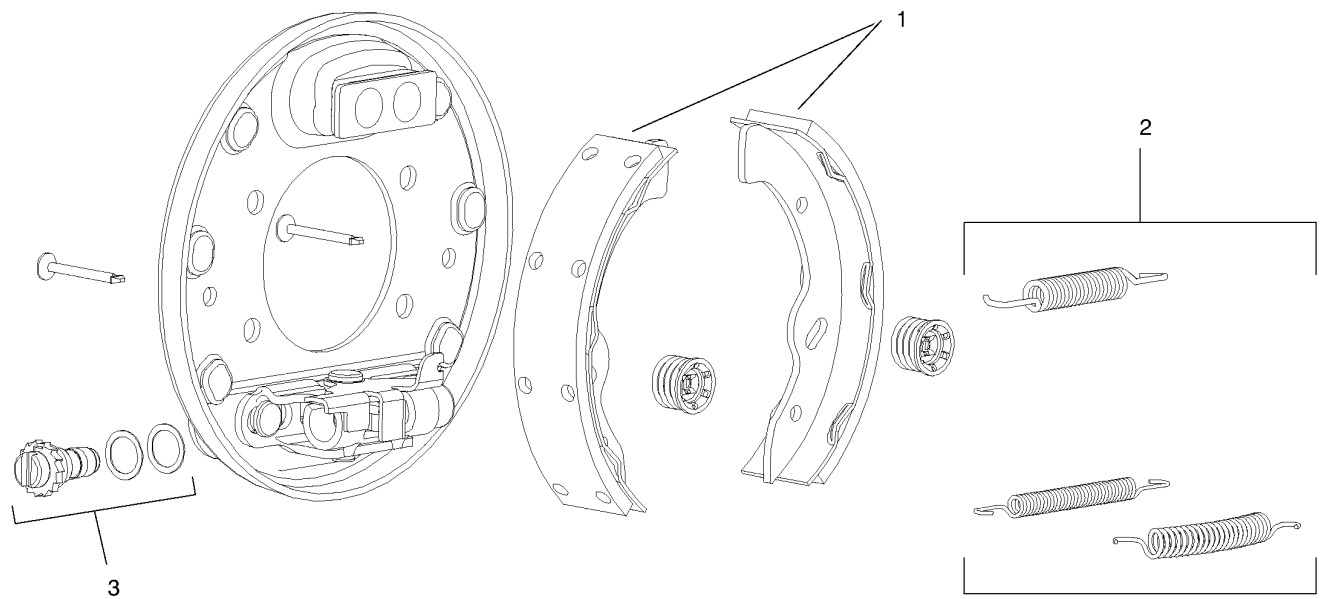
Ref	Part No.	Qty.	Description
25	104-1625	1	Sleeve-Governor
26	104-1626	2	Bearing-Ball
27	104-1627	1	Spacer
28	104-1628	1	Gear
29	104-1629	1	Bracket-Wire, Change
30	104-1630	1	Clutch-Pin
31	104-1631	1	Shaft-Center
32	104-1632	1	Gear-47
33	104-1633	2	Collar
34	104-1634	1	Gear
35	104-1635	6	Bolt-Flange
36	104-1636	1	Bearing-Ball
37	104-1637	1	Bearing-Ball
38	104-1638	2	Spacer
39	104-1639	1	Gear-34
40	104-1640	1	Shaft-Counter
41	104-1641	1	Case-Differential
42	104-1642	2	Gear-Side, Differential
43	104-1643	2	Pinion-Differential
44	104-1644	1	Shaft-Differential
45	104-1645	1	Pin
46	104-1646	1	Bearing-Ball
47	104-1647	1	Bearing-Needle
48	104-1648	1	Gear-62



Transaxle Assembly No. 99-7941 (continued)

Ref	Part No.	Qty.	Description
49	104-1649	6	Bolt
50	104-1650	1	Shaft-Axle, LH
51	104-1651	1	Shaft-Axle, RH
52	104-1652	4	Bearing-Ball
53	104-1653	1	Case-Axle, LH
54	104-1654	1	Case-Axle, RH
55	104-1655	4	Ring-Snap
56	104-1656	2	Nut-Castle
57	104-1657	2	Ring-Snap
58	104-6870	1	Shaft-Shift, Complete
59	104-1659	2	Knock-Pipe
60	104-1660	1	Ball-Steel
61	104-1661	1	Spring
62	104-1662	1	Gasket
63	104-1663	1	Bolt
64	104-1664	1	Gasket
65	104-1665	6	Bolt-Flange
66	104-1666	1	Bolt-Flange
68	104-6866	1	Bolt
69	104-6867	2	Collar
70	33004-00	11	Nut-HF
71	104-1671	2	Bracket-Axle
72	104-1672	1	Nut-Lock
73	104-1673	2	Washer-Spring

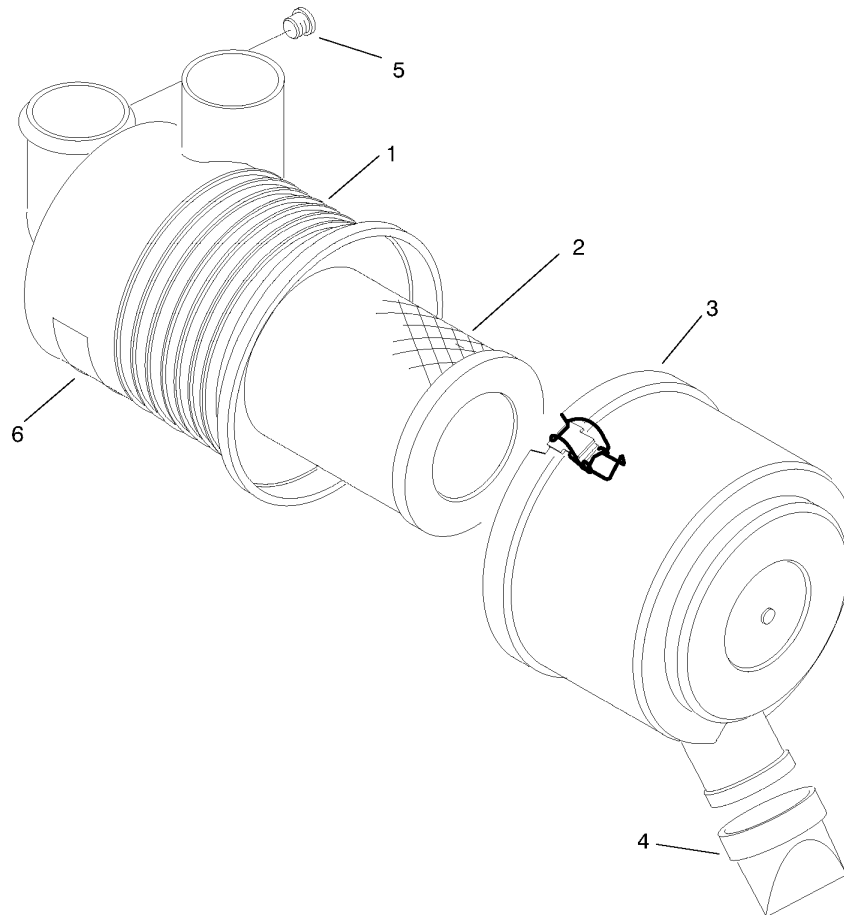
Ref	Part No.	Qty.	Description
74	104-1674	2	Washer
75	104-1675	2	Hub
76	104-6860	1	Lever-Select
77	104-6869	2	Bolt-Flange
78	104-8649	10	Stud



Left Hand Brake Assembly No. 99-7137

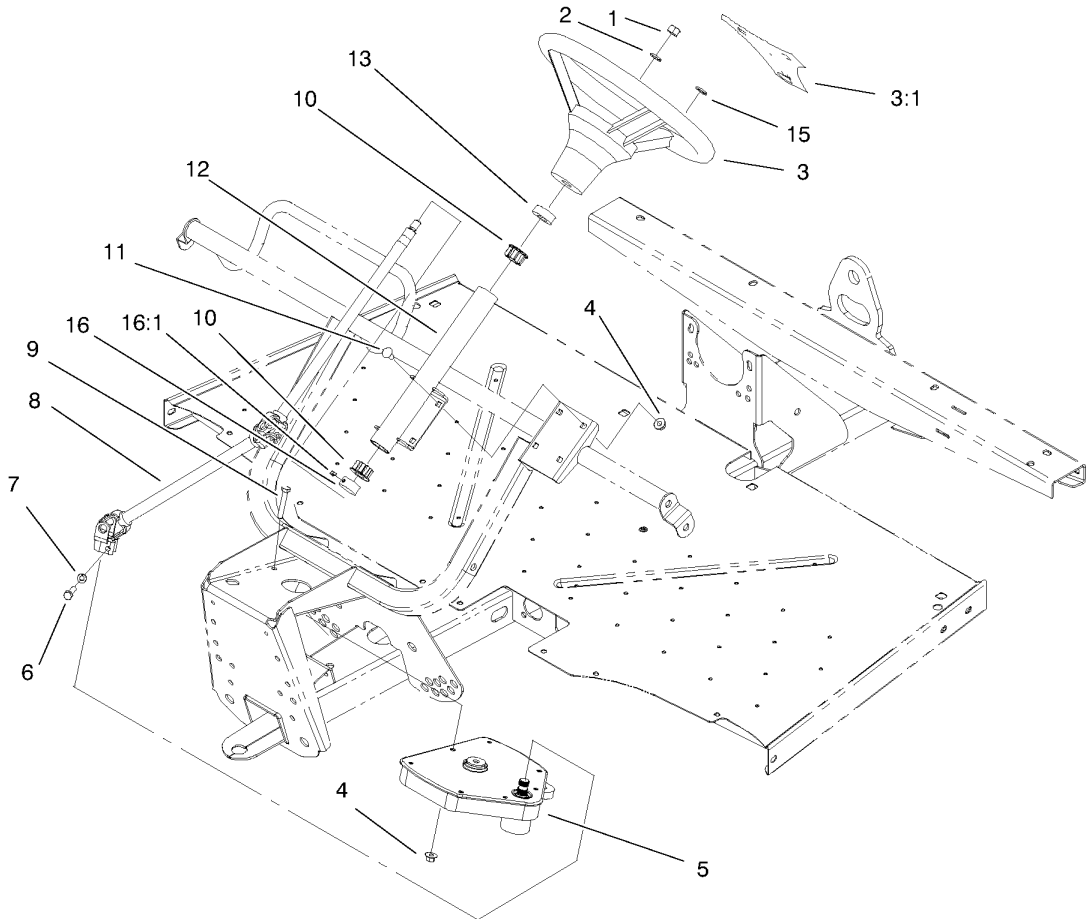
Ref	Part No.	Qty.	Description
1	104-1243	1	Shoe And Lining Kit
2	104-1244	1	Spring Kit
3	104-1245	1	LH Adjuster Kit

15



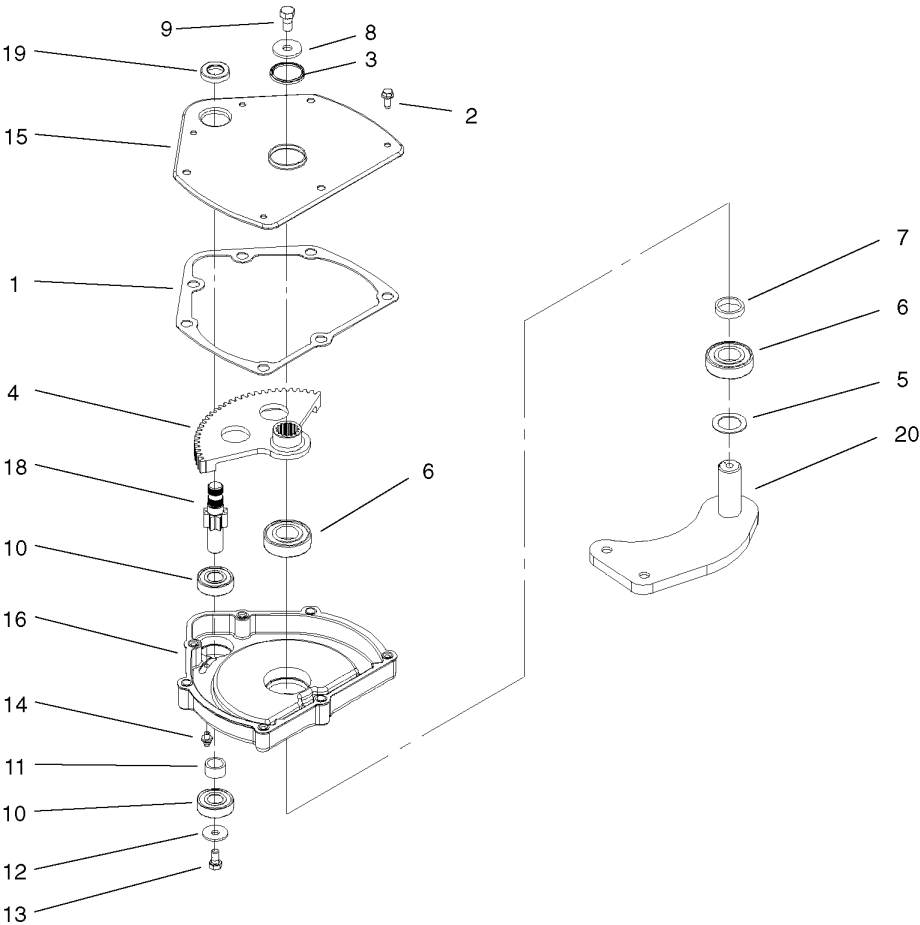
Air Cleaner Assembly No. 99-7120

Ref	Part No.	Qty.	Description				
❶1		1	Body				
2	93-2195	1	Filter				
3	94-3652	1	Cover ASM				
4	87-9400	1	Valve-Vacuator				
❶5		1	Plug				
❶6		1	Marking				



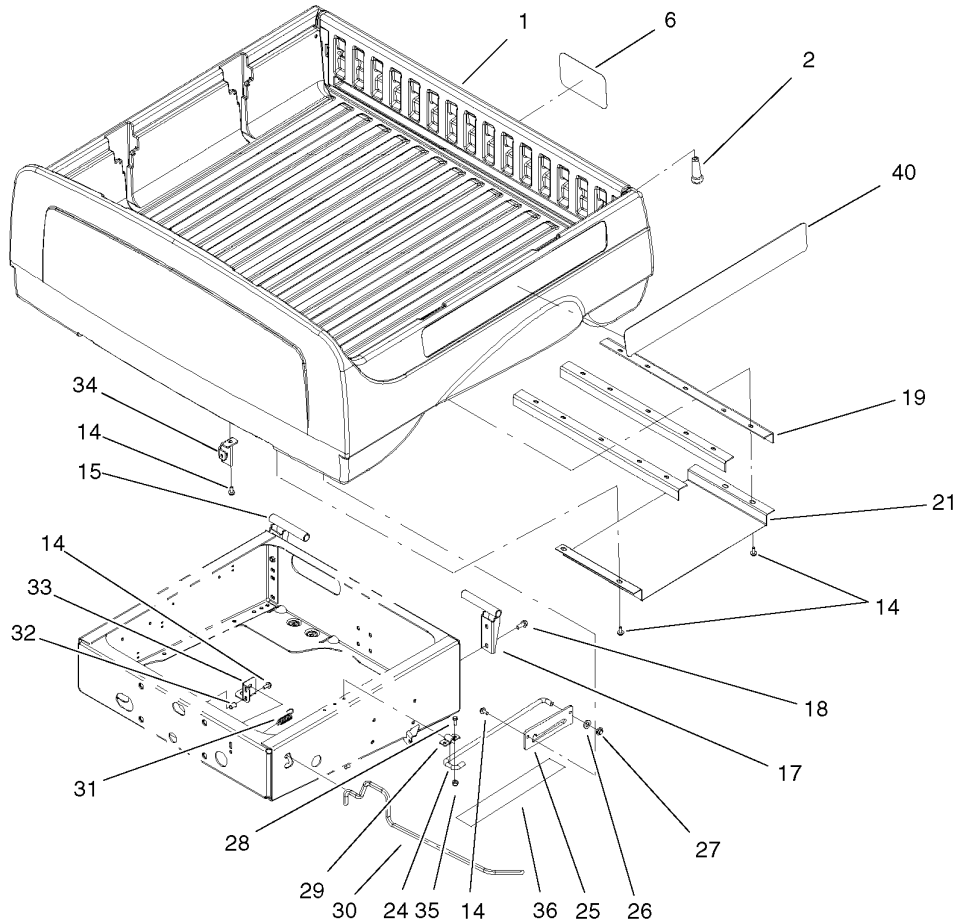
Upper Steering Assembly

Ref	Part No.	Qty.	Description				
1	3277-1	1	Nut-Hex				
2	48-8070	1	Washer-Lock				
3	98-1471	1	Wheel-Steering				
3:1	98-1468	1	Cover-Wheel, Steering				
4	104-8300	7	Nut-Flange, NI				
5	99-7660	1	Steering Gearbox ASM				
6	48-7730	1	Screw-HH				
7	3253-4	1	Washer-Lock				
8	99-7653	1	Shaft-Steering				
9	322-10	3	Screw-HH				
10	93-1146	2	Bushing-Upper, Steering				
11	3230-1	4	Bolt-CARR				
12	99-7651-03	1	Column-Steering				
13	21-9260	1	Cover-Dust				
15	98-1459	1	Decal				
16	111383	1	Collar				
16:1	3245-32	1	Screw-HSH				



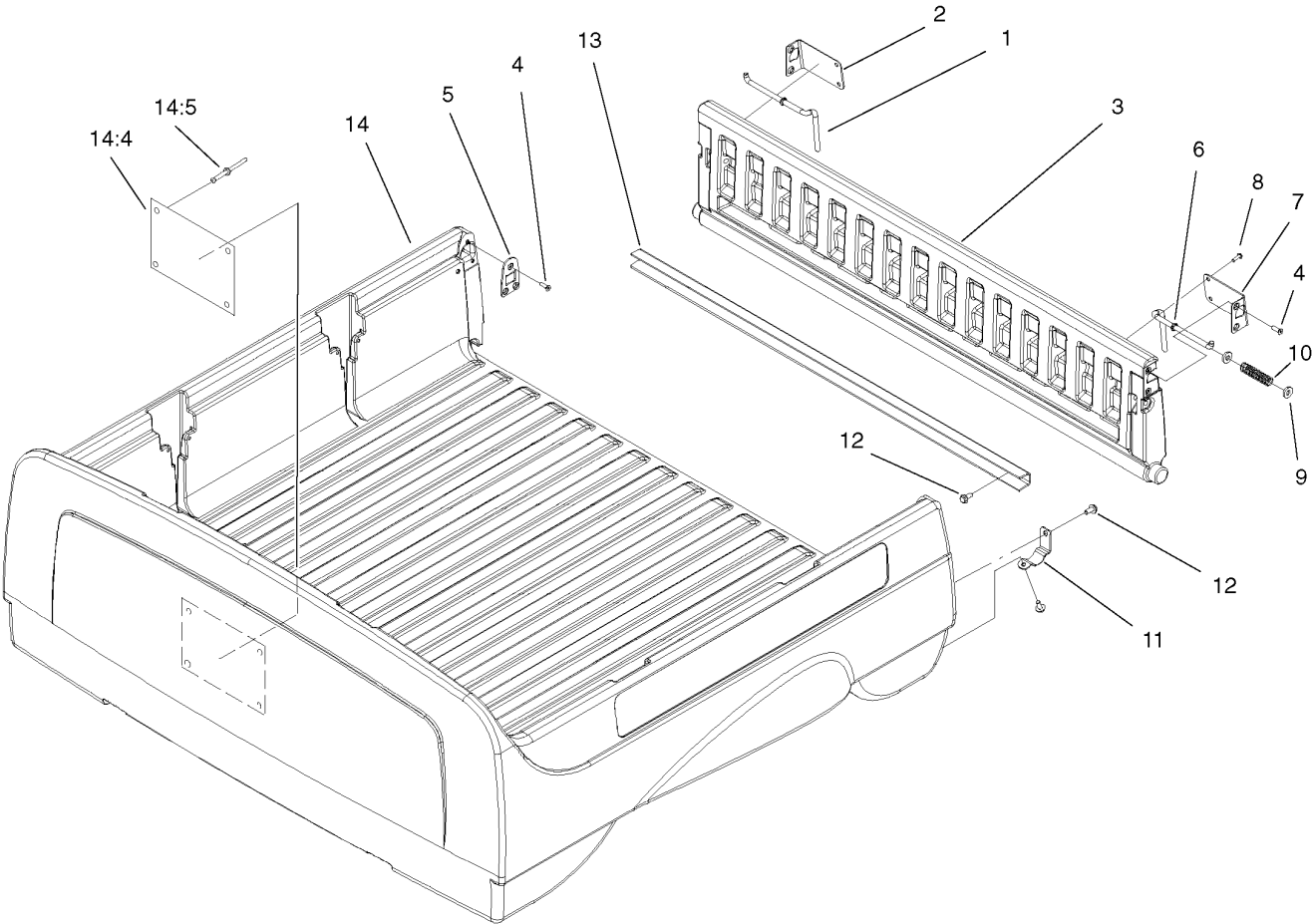
Steering Gearbox Assembly No. 99-7660

Ref	Part No.	Qty.	Description				
1	94-2135	1	Gasket				
2	32144-10	4	Screw-HWH				
3	103118	1	Seal				
4	99-7843	1	Sector-Gear				
5	3256-42	1	Washer-Flat				
6	251-82	2	Bearing-Ball				
7	94-2218	1	Spacer-Shaft, Output				
8	2844	1	Washer				
9	98-3052	1	Screw-Locking, Thread				
10	38-7820	2	Bearing-Ball				
11	94-2217	1	Spacer-Shaft, Input				
12	1-613235	1	Washer				
13	98-3498	1	Screw-HH				
14	302-5	1	Fitting-Grease				
15	99-7656-03	1	Cover-Housing, Steering				
16	99-7658	1	Housing-Steering				
18	99-7650	1	Gear-Pinion				
19	99-7657	1	Seal-Oil				
20	99-7601-03	1	Arm-Pitman				



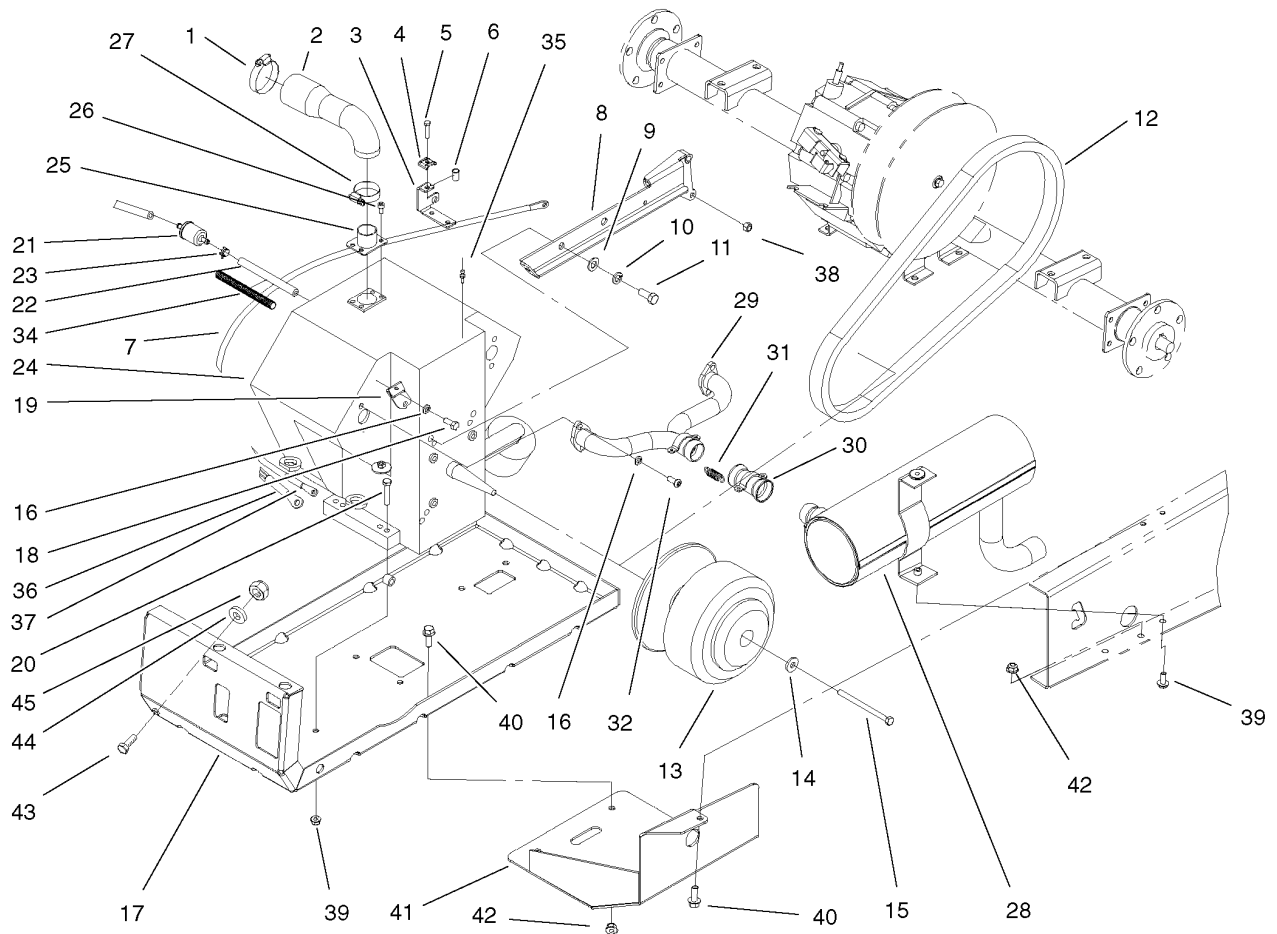
Box and Tailgate Assembly

Ref	Part No.	Qty.	Description				
1		1	Box And Tailgate ASM				
2	99-7984	2	Knob-Soft Grip, Push-On				
6	99-7337	1	Decal-Tailgate, Toro				
14	3234-5	18	Screw-HHF				
15	99-7309-03	1	RH Pivot Bracket ASM				
17	99-7308-03	1	LH Pivot Bracket ASM				
18	3234-11	4	Screw-HHF				
19	99-7864-03	3	Brace-Box				
21	99-7870	1	Shield-Heat				
24	99-7895	1	Rod-Prop				
25	99-7894	1	Bracket-Rod, Prop				
26	3256-26	1	Washer-Flat				
27	32112-14	1	Nut-Push				
28	3234-17	2	Screw-HHF				
29	99-7896	1	Bracket-U, Prop Rod				
30	99-7745	1	Rod-Latch				
31	5-7290	1	Spring-Tension				
32	32148-7	2	Nut-Insert				
33	99-7744-03	1	Bracket-Latch				
34	99-7742-03	1	Hook-Latch, RH				
35	104-8300	1	Nut-Flange, NI				
36	104-6859	1	Shield-Heat				
40	99-7953	2	Decal-Twister				



Tailgate Assembly

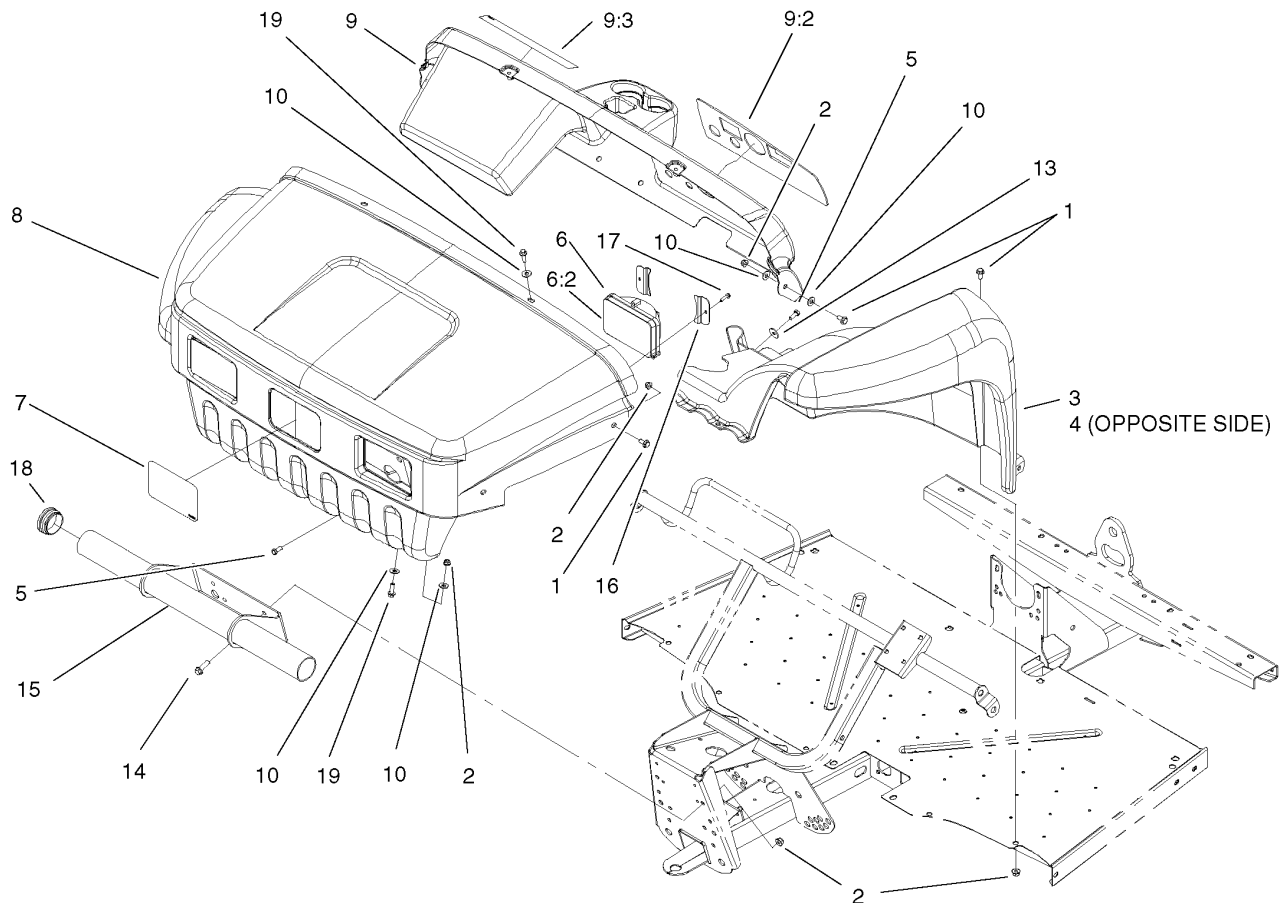
Ref	Part No.	Qty.	Description				
1	99-7860	1	Rod-Latch, Right				
2	99-7858	1	Bracket-Tailgate Latch, Right				
3	99-7893	1	Tailgate ASM				
4	99-7334	10	Screw				
5	99-7852	2	Plate-Striker				
6	99-7859	1	Rod-Latch, Left				
7	99-7857	1	Bracket-Tailgate Latch, Left				
8	99-7335	4	Screw				
9	99-7861	4	Washer-Latch				
10	61-8880	2	Spring				
11	99-7286	2	Bracket-Pivot, Tailgate				
12	3234-5	10	Screw-HHF				
13	99-7867	1	Channel-Tailgate				
14	99-7891	1	Box ASM				
14:4	99-7954	1	Decal-No Riders				
14:5	3290-415	4	Rivet				



Engine and Clutch Assembly

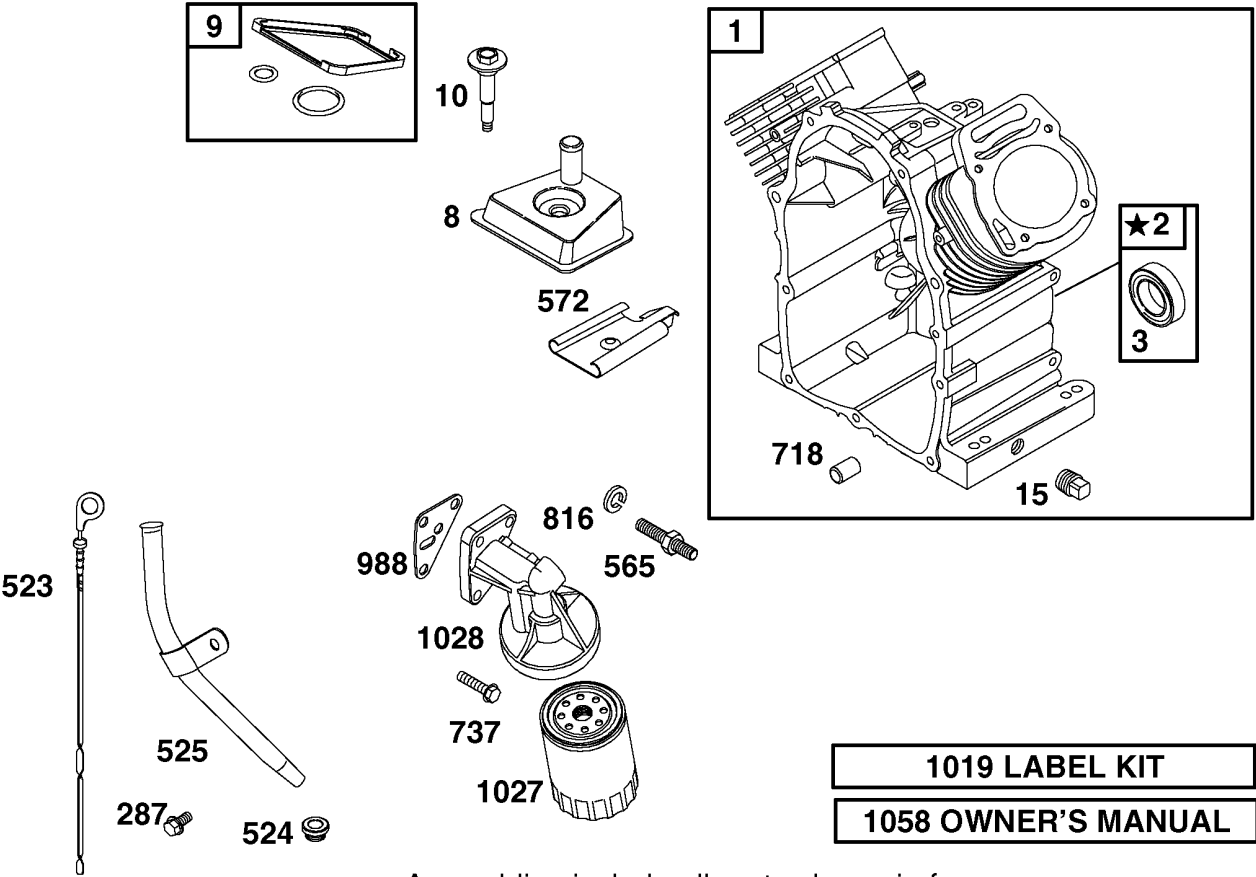
Ref	Part No.	Qty.	Description
1	2412-130	1	Clamp-Hose
2	99-7106	1	Hose-Intake
3	99-7097	1	Bracket-Cable
4	81-1690	1	Clamp-Cable
5	3290-432	1	Screw-HH
6	32148-14	1	Insert-Threaded
7	99-7942	1	Cable-Throttle
8	99-7127-03	1	Arm-Torque
9	3256-25	2	Washer-Flat
10	3253-6	2	Washer-Lock
11	324-4	2	Screw-HH
12	99-7144	1	Belt-Drive
13	99-7939	1	Clutch-Drive
14	5-0838	1	Washer
15	99-7201	1	Screw-HH
16	3253-4	6	Washer-Lock
17	104-6433-03	1	Mount-Engine
18	66-3160	2	Screw-Cap
19	99-7119	1	Bracket-Tie, Cable
20	322-8	4	Screw-HH
21	94-2690	1	Filter-Fuel
22	47-2966	1	Hose-Fuel
23	2412-98	3	Clamp

Ref	Part No.	Qty.	Description
24	104-6649	1	Engine-Briggs & Stratton, 303447-1319-E1
25	99-7083	1	Bracket-Intake
26	99-7202	4	Screw
27	2412-3	1	Clamp-Hose
28	104-6475	1	Muffler-Engine
29	104-6476	1	Manifold-Engine
30	104-6477	1	Coupler-Exhaust
31	104-6478	4	Spring-Coupler, Exhaust
32	3274-96	4	Screw
34	99-7377	1	Conduit-Line, Fuel
35	99-7847	1	Ball-Stud
36	99-7426	1	Harness-Wire, Engine
37	28-3894	1	Positive Red Wire ASM
38	33024-00	2	Nut-Lock
39	104-8300	5	Nut-Flange, NI
40	3234-11	3	Screw-HHF
41	104-6408-03	1	Clutch Guard ASM
42	104-8301	3	Nut-Flange, NI
43	321-4	1	Screw-HH
44	3255-8	1	Washer-Lock
45	32128-32	1	Nut-HHF



Hood and Fender Assembly

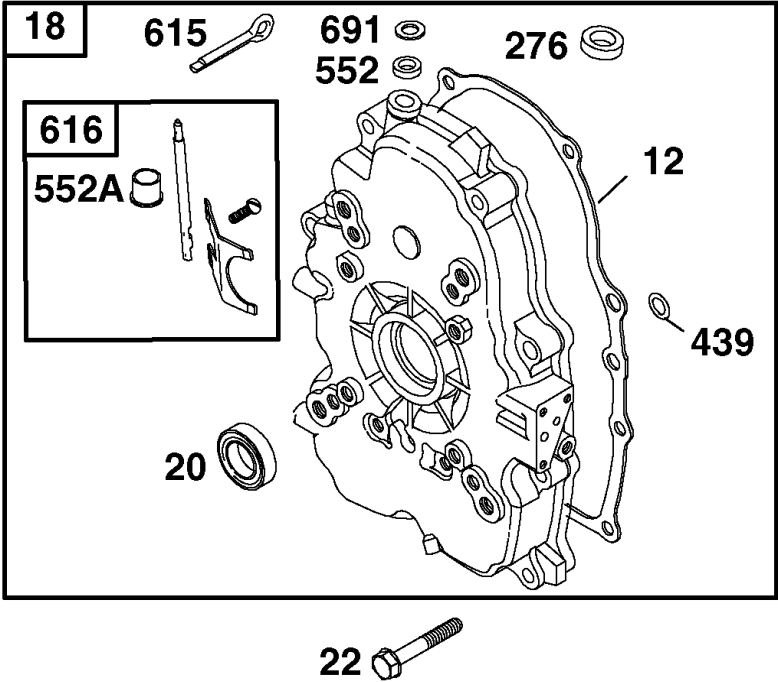
Ref	Part No.	Qty.	Description				
1	3234-5	13	Screw-HHF				
2	104-8300	16	Nut-Flange, NI				
3	99-7383	1	Fender ASM-LH				
4	99-7384	1	Fender ASM-RH				
5	32104-32	4	Screw-HWH				
6	87-2120	2	Headlight				
6:1	95-0909	1	Lamp-12 Volt				
6:2	87-6330	1	Lens-Headlight				
7	62-5550	1	Decal				
8	99-7379	1	Hood ASM				
9	99-7385	1	Dash ASM				
9:2	99-7951	1	Decal-Warning, Dash				
9:3	99-7344	1	Decal-Danger				
10	3256-3	12	Washer-Flat				
14	32144-67	4	Screw				
15	99-7840-03	1	Bumper-Tube				
16	99-7947	4	Bracket-Headlight				
17	99-7331	4	Screw-HWH				
18	2410-42	2	Cap-End				
19	3234-17	6	Screw-HHF				



Assemblies include all parts shown in frames.

Cylinder, Oil Filter and Dipstick Assembly

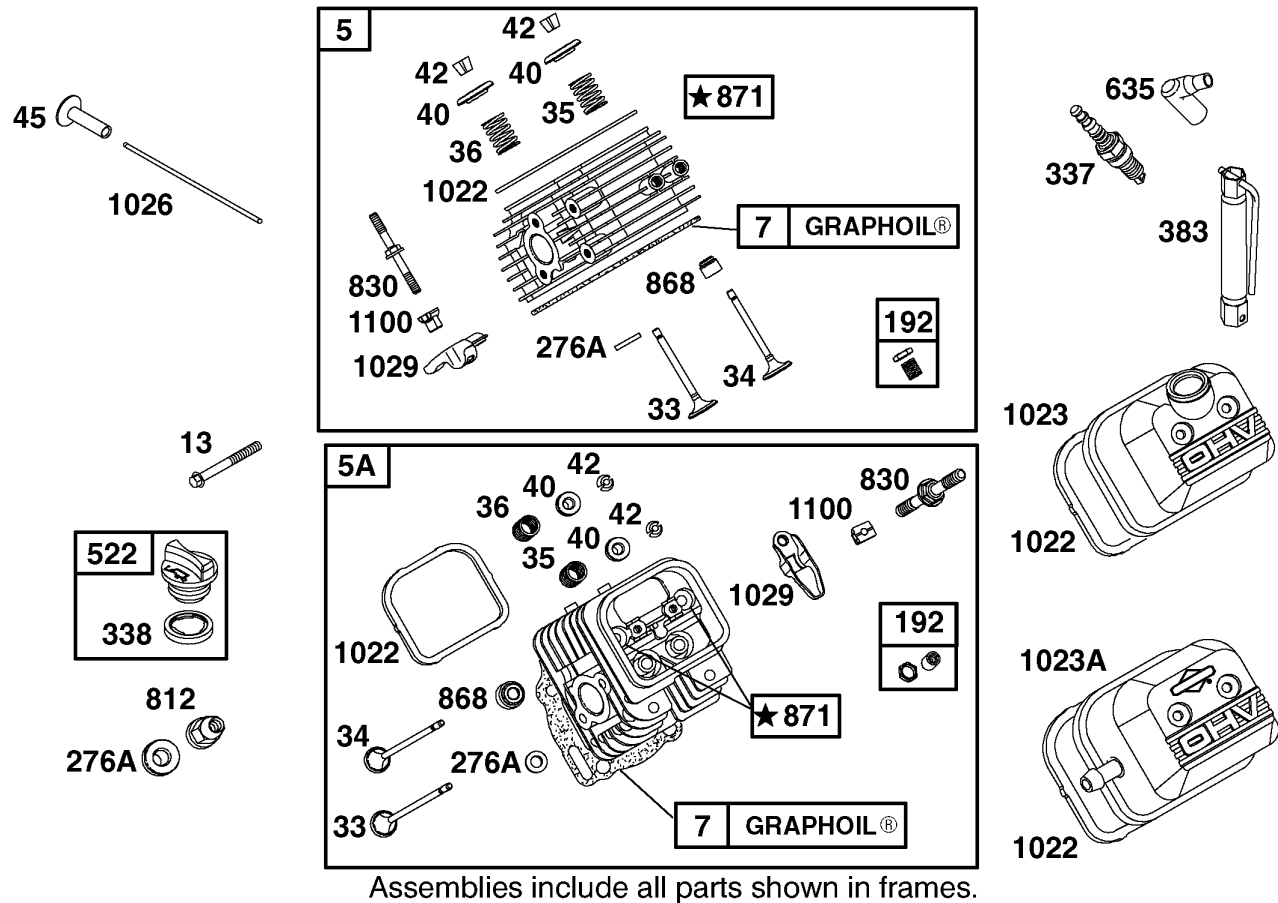
Ref	Part No.	Qty.	Description				
1	692178	1	Cylinder ASM				
2	808534	1	Bushing / Seal Kit				
23	805101	1	Seal-Oil				
8	808984	1	Breather ASM				
29	807893	1	Breather Gasket				
10	690751	1	Screw				
15	690946	1	Plug-Drain, Oil				
287	692062	1	Screw				
523	693175	1	Dipstick				
2524	693172	1	Seal-Tube, Dipstick				
525	693173	1	Tube-Dipstick				
565	690682	1	Stud				
572	690686	1	Baffle-Breather				
718	690684	1	Pin-Locating				
737	690679	1	Screw				
816	690706	1	Washer				
2988	692063	1	Gasket-Adapter, Oil Filter				
1019	808036	1	Label Kit				
1027	492932	1	Filter-Oil				
1028	808235	1	Adapter-Filter, Oil				
1058	274790	1	Owner-S Manual(Emission Engines)				



Assemblies include all parts shown in frames.

Crankcase Assembly

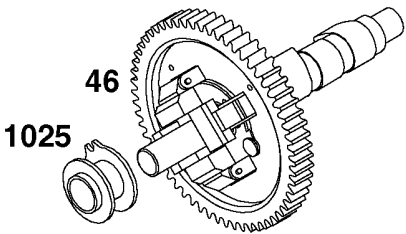
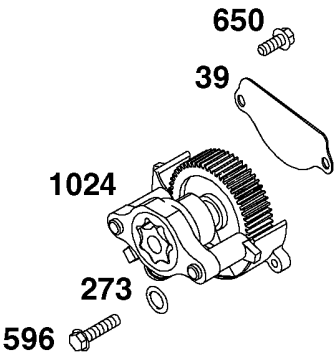
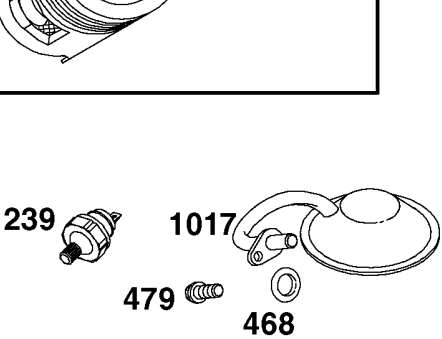
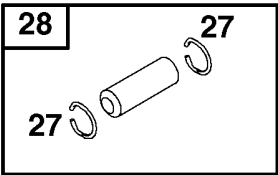
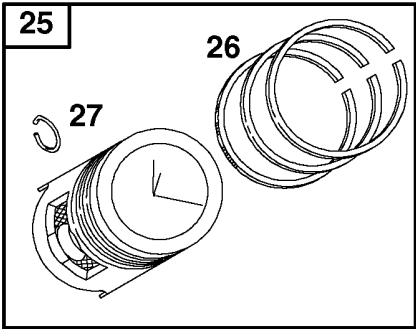
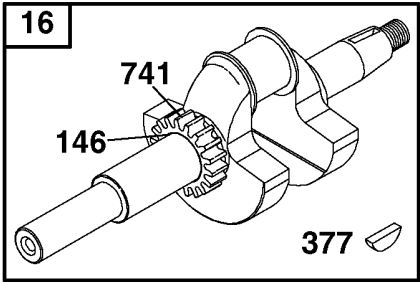
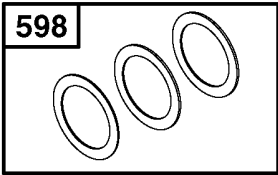
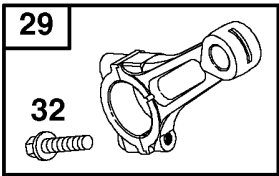
Ref	Part No.	Qty.	Description				
12	691684	1	Gasket-Crankcase				
18	808847	1	Cover-Crankcase				
20	805049	1	Seal-Oil				
22	692540	1	Screw				
276	690704	1	Washer-Sealing				
439	692154	1	Seal-O Ring				
552	690701	1	Bushing-Crank, Governor				
552A	806686	1	Bushing-Crank, Governor				
615	691550	1	Retainer-Shaft, Governor				
616	806685	1	Crank-Governor				
691	690680	1	Seal-Shaft, Governor				



Cylinder Head and Cover Assembly

Ref	Part No.	Qty.	Description
5	808381	1	Head-Cylinder (Cylinder No. 1)
5A	808382	1	Head-Cylinder (Cylinder No. 2)
2 3 7	806085	1	Gasket-Head, Cylinder
13	692059	1	Screw
33	807681	1	Valve-Exhaust
34	807680	1	Valve-Intake
35	692084	1	Spring-Valve
36	692084	1	Spring-Valve
40	692058	1	Retainer-Valve
42	807683	1	Keeper-Valve
45	690977	1	Valve-Tappet
192	807623	1	Adjuster-Arm, Rocker
2 3 276A	691766	1	Washer-Sealing
337	491055	1	Plug-Spark
2 3 338	691312	1	Gasket-Dipstick
383	19374	1	Wrench-Spark Plug
522	491832	1	Plug-Dipstick / Fill
635	692076	1	Boot-Spark Plug
812	692055	1	Nut
830	691544	1	Stud-Rocker Arm
2 3 868	691963	1	Seal-Valve
871	692057	1	Bushing-Guide, Valve
2 3 1022	806039	1	Gasket-Cover, Rocker
1023	690758	1	Cover-Valve

Ref	Part No.	Qty.	Description
1023A	691558	1	Cover-Valve
1026	691836	1	Rod-Push
	691758	1	Rod-Push
1029	691543	1	Arm-Rocker
1100	690973	1	Pivot-Arm, Rocker

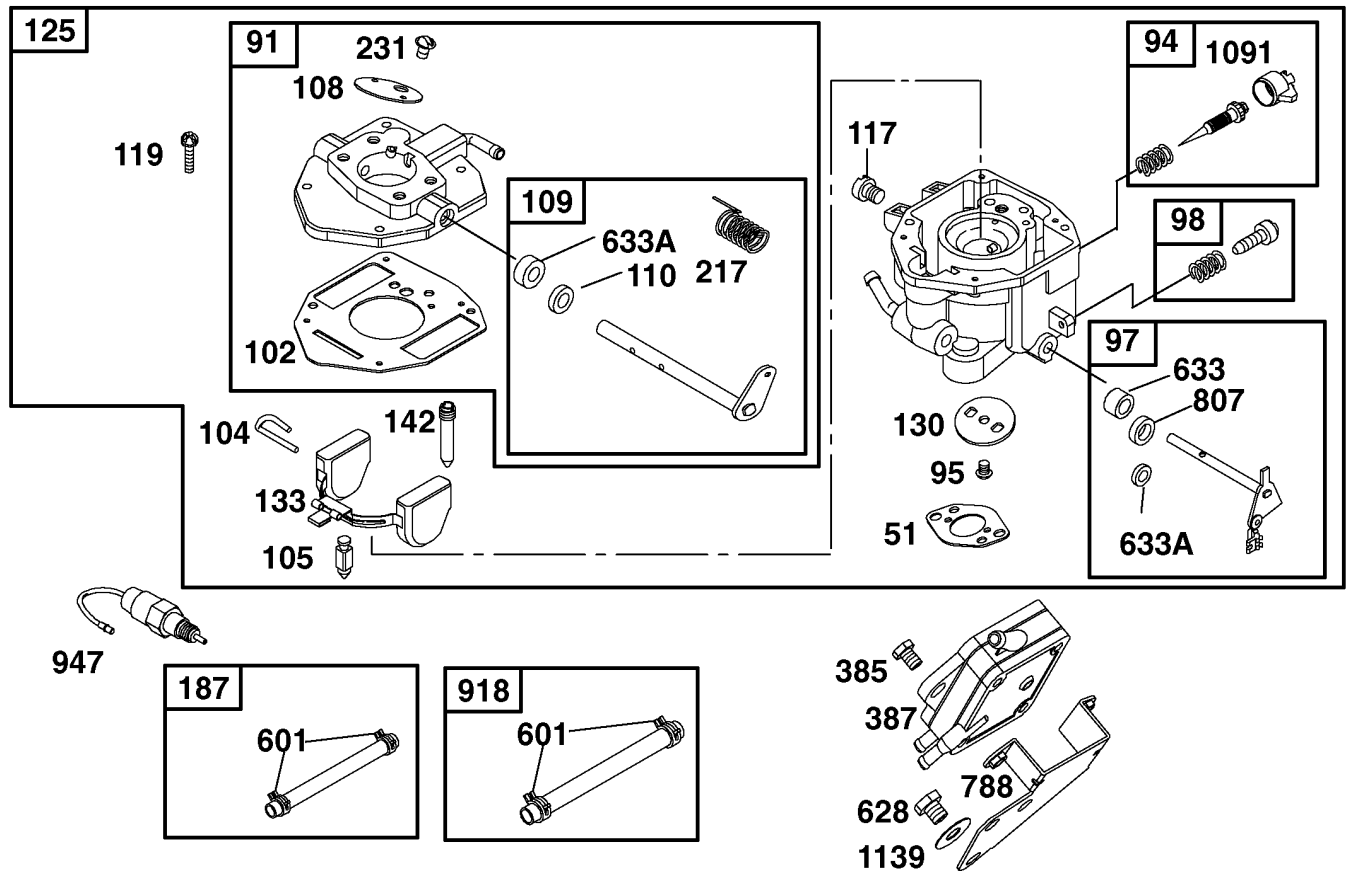


Assemblies include all parts shown in frames.

Crankshaft, Piston and Oil Pump Assembly

Ref	Part No.	Qty.	Description
16	692163	1	Crankshaft
25	807619	1	Piston ASM (Standard)
	807807	1	Piston ASM (.010 Oversize)
	807809	1	Piston ASM (.020 Oversize)
	807811	1	Piston ASM (.030 Oversize)
26	807620	1	Ring Set (Standard)
	807808	1	Ring Set (.010 Oversize)
	807810	1	Ring Set (.020 Oversize)
	807812	1	Ring Set (.030 Oversize)
27	690683	1	Lock-Pin, Piston
28	807621	1	Pin-Piston
29	807900	1	Rod-Connecting (Standard)
	807809	1	Piston ASM (.020 Oversize)
32	690698	1	Screw
39	690745	1	Deflector-Oil
46	691557	1	Camshaft
146	691639	1	Key-Timing
239	690233	1	Switch-Pressure, Oil
273	690681	1	Seal-O Ring
377	808095	1	Key-Woodruff
468	690690	1	Seal-O Ring
479	692537	1	Screw
596	691492	1	Screw
598	807625	1	Shim-Play, End

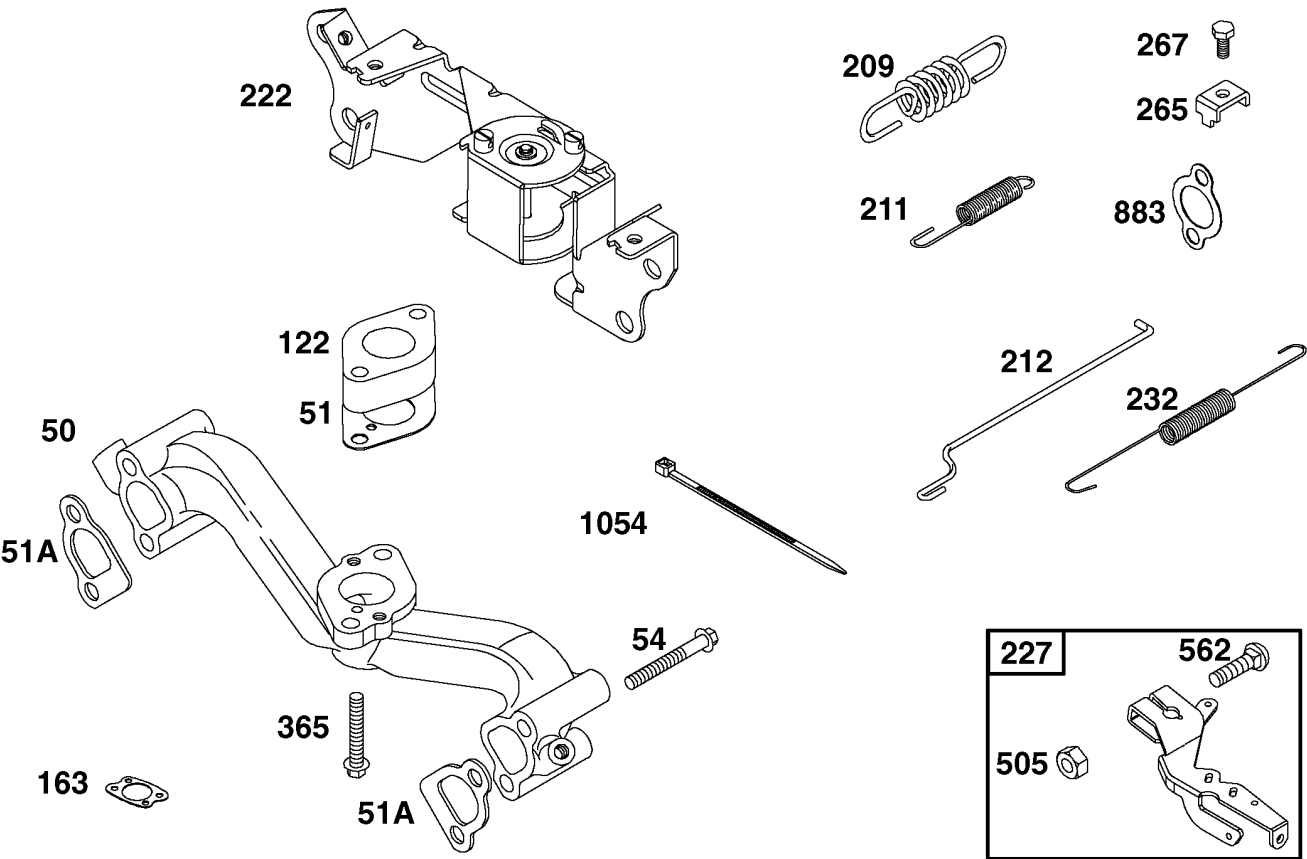
Ref	Part No.	Qty.	Description
650	692539	1	Screw
741	691530	1	Gear-Timing
1017	690900	1	Screen-Pump, Oil
1024	693185	1	Pump-Oil
1025	690689	1	Spool-Governor



Assemblies include all parts shown in frames.

Carburetor and Fuel Pump Assembly

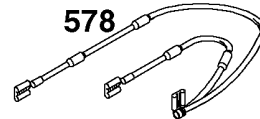
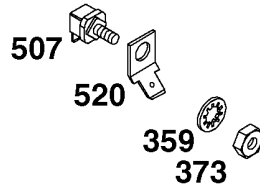
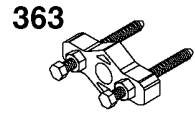
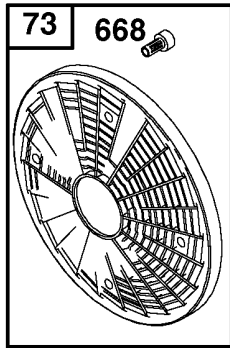
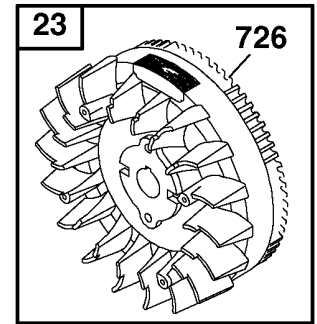
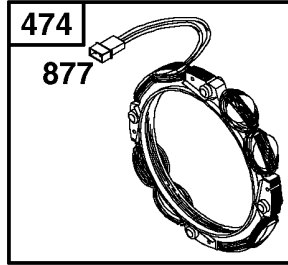
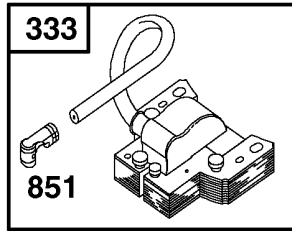
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
2451	691694	1	Gasket-Intake	601	691038	1	Clamp-Hose
91	808964	1	Body-Carburetor, Upper	628	806660	1	Screw
494	808257	1	Idle Mixture Kit	4633	806131	1	Seal-Shaft, Choke / Throttle
95	690718	1	Screw	4633A	690722	1	Seal-Shaft, Choke / Throttle
97	809007	1	Shaft-Throttle	788	691559	1	Bracket-Pump, Fuel
98	808177	1	Screw	4807	805557	1	Collar-Throttle
4102	692077	1	Gasket-Body, Carburetor	918	393815	1	Line-Vacuum
4104	690723	1	Pin-Hinge, Float	947	692094	1	Solenoid-Fuel
4105	692078	1	Valve-Needle, Float	41091	691516	1	Cap-Limiter
108	690719	1	Valve-Choke	1139	806497	1	Washer
109	809062	1	Shaft-Choke				
110	806861	1	Washer				
117	806986	1	Jet-Main				
119	690720	1	Screw				
125	809092	1	Carburetor				
130	690726	1	Valve-Throttle				
133	806961	1	Float-Carburetor				
142	806987	1	Nozzle-Carburetor				
187	691050	1	Line-Fuel (Cut To Required Length)				
217	806862	1	Spring-Return, Choke				
231	690718	1	Screw				
385	693169	1	Screw				
387	808656	1	Pump-Fuel				



Assemblies include all parts shown in frames.

Manifold Intake and Governor Control Assembly

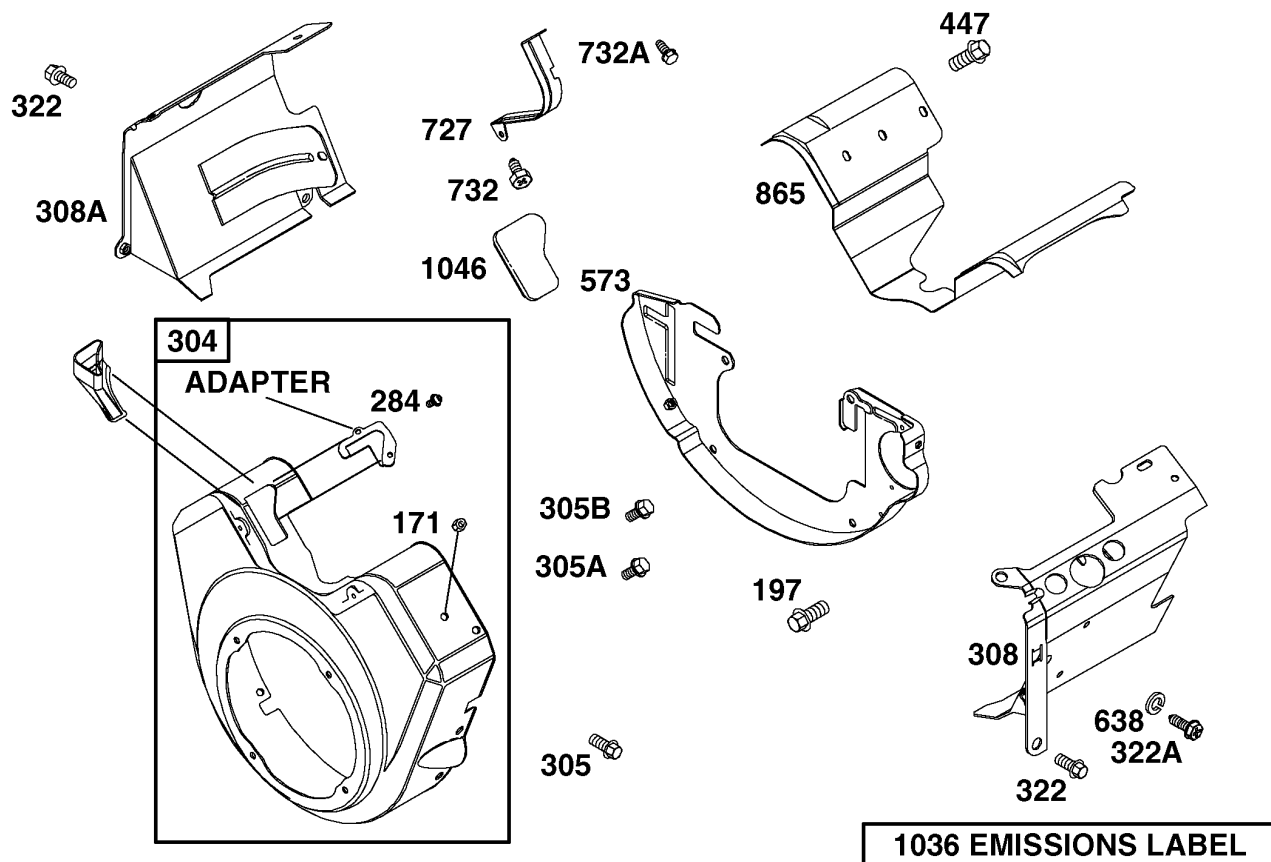
Ref	Part No.	Qty.	Description				
50	690754	1	Manifold-Intake				
2451	691694	1	Gasket-Intake				
2551A	692035	1	Gasket-Intake				
54	690676	1	Screw				
122	690691	1	Spacer-Carburetor				
2163	692081	1	Gasket-Cleaner, Air				
209	691507	1	Spring-Governor				
211	691553	1	Spring-Governed Idle				
212	690712	1	Link-Throttle				
222	691570	1	Bracket-Control				
227	690236	1	Lever-Control, Governor				
232	692073	1	Spring-Link, Governor				
265	691024	1	Clamp-Casing				
267	692083	1	Screw				
505	690238	1	Nut				
562	690239	1	Bolt				
28883	691613	1	Gasket-Exhaust				
1054	280275	1	Tie-Cable				



Assemblies include all parts shown in frames.

Alternator Assembly

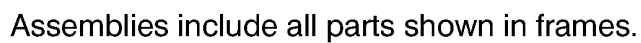
Ref	Part No.	Qty.	Description				
23	808766	1	Flywheel				
73	494439	1	Screen-Rotating				
74	691647	1	Screw				
171	810056	1	Nut				
284	93410	1	Screw				
332	690887	1	Nut				
333	492341	1	Armature-Magneto				
334	692066	1	Screw				
359	691077	1	Washer				
363	19203	1	Puller-Flywheel				
373	691612	1	Nut				
474	691064	1	Alternator				
507	691972	1	Insulator				
520	691084	1	Terminal-Ground				
529	690744	1	Grommet				
578	692319	1	Wire ASM				
668	691500	1	Spacer				
726		1	Gear-Ring (See Reference 23 For Service)				
729	690586	1	Clip-Wire				
851	493880	1	Terminal-Spark Plug				
877	399916	1	Wire/Connector-Alternator				
1119	691552	1	Screw				



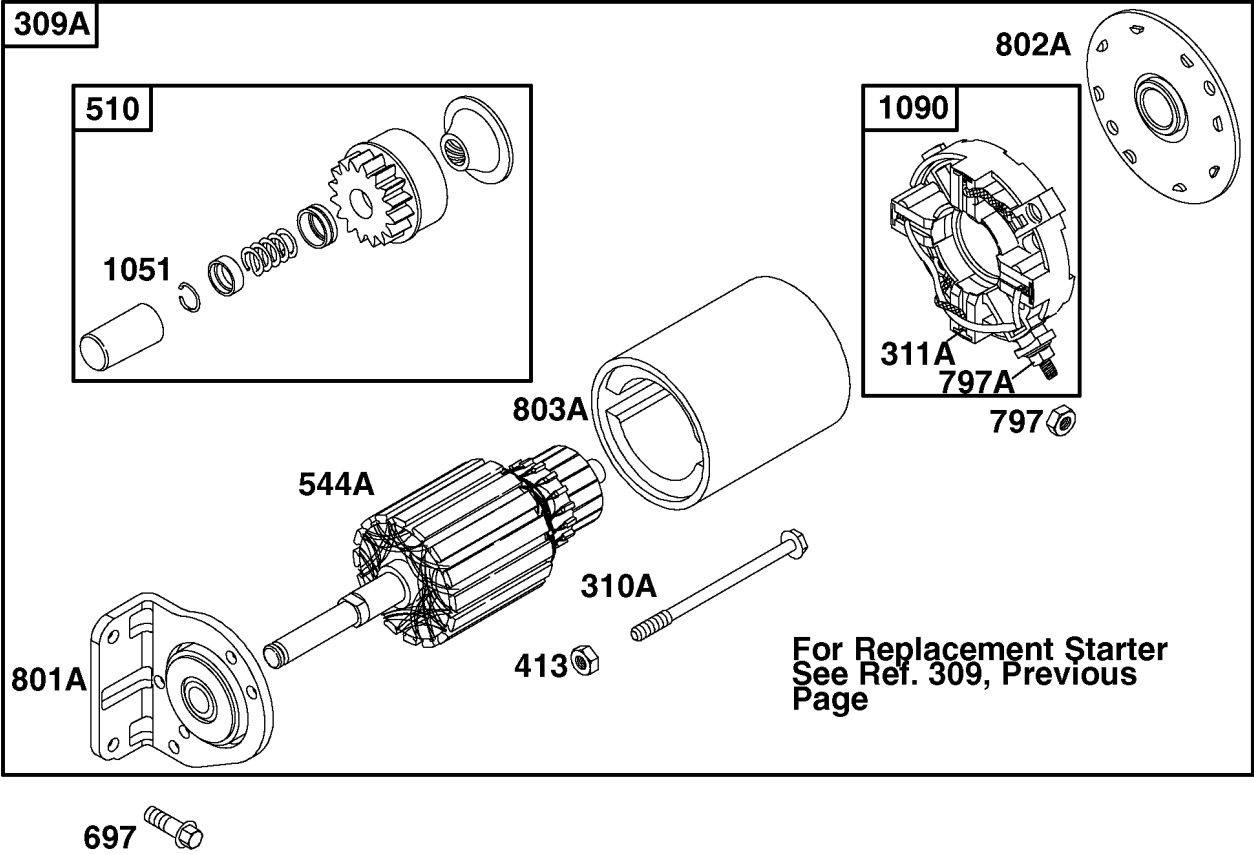
Assemblies include all parts shown in frames.

Blower Housing and Cover Assembly

Ref	Part No.	Qty.	Description				
197	692539	1	Screw				
304	808408	1	Housing-Blower				
305	692539	1	Screw				
305A	692056	1	Screw				
305B	692062	1	Screw				
308	806547	1	Cover-Head, Cylinder (Cyl. #1)				
308A	806546	1	Cover-Head, Cylinder (Cyl. #2)				
322	692539	1	Screw				
322A	692067	1	Screw				
447	692539	1	Screw				
573	690902	1	Plate-Back				
638	691551	1	Washer				
727	690714	1	Shield-Starter				
732	690688	1	Screw				
732A	692539	1	Screw				
865	690750	1	Cover-Guide, Air				
1036	806881	1	Decal-Emission				
1046	692082	1	Plug-Housing, Blower				



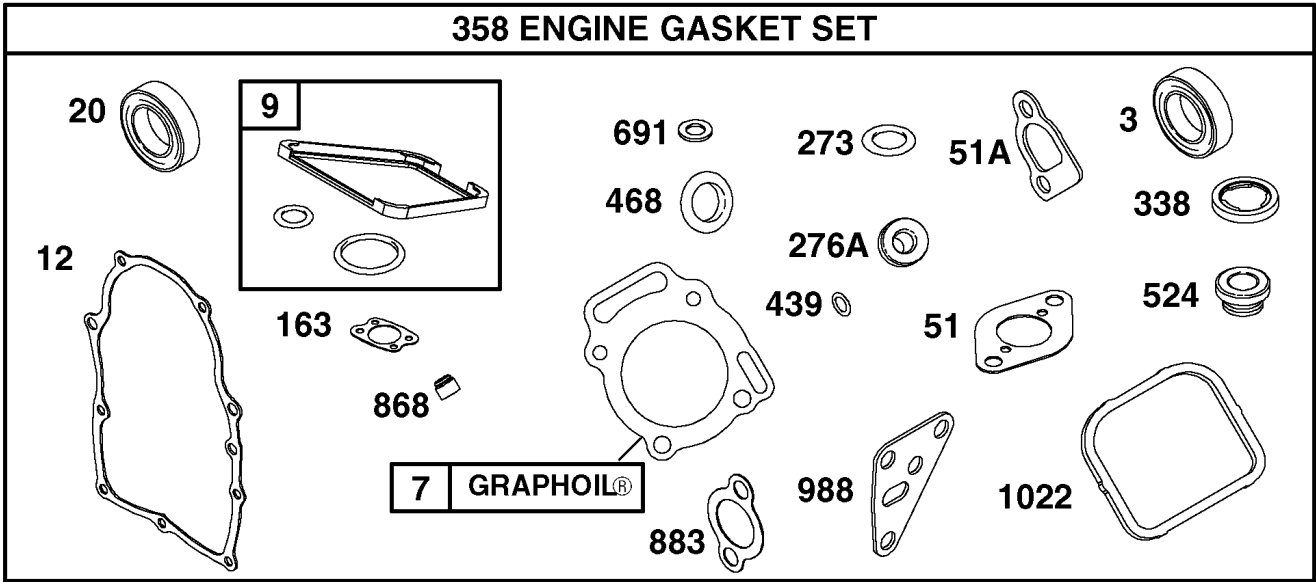
Ref	Part No.	Qty.	Description				
309	691564	1	Motor-Starter				
310	496880	1	Bolt-Thru				
311	496887	1	Brush Set				
510	496881	1	Drive-Starter				
544	690855	1	Armature-Starter				
697	692062	1	Screw				
801	808777	1	Cap-Drive				
802	496813	1	Cap-End				
803	690854	1	Housing-Starter				
1051	691124	1	Ring-Lock				



Assemblies include all parts shown in frames.

Replacement Starter Motor Assembly

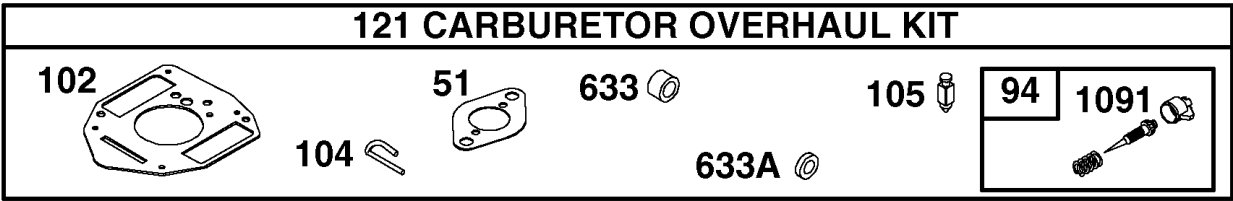
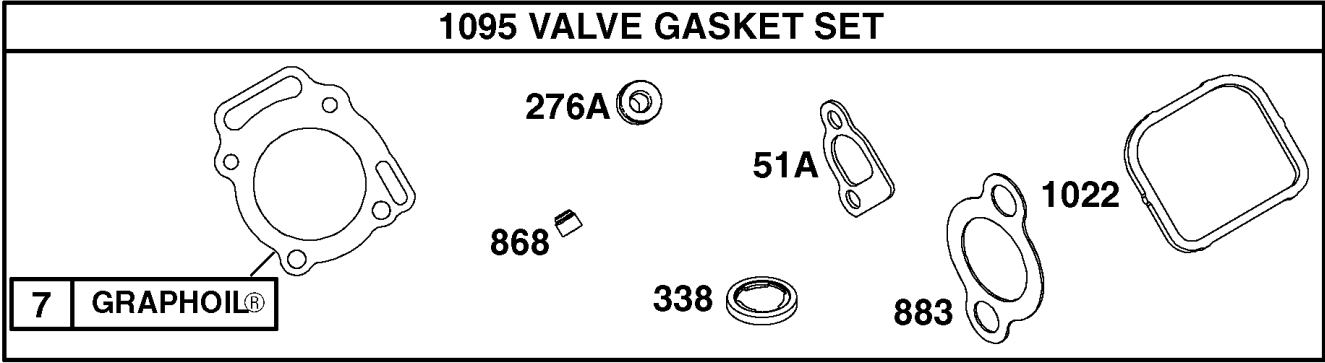
Ref	Part No.	Qty.	Description				
309A		1	Motor-Starter (For Replacement Starter, See Ref. 309, Previous Page)				
310A	690323	1	Bolt				
311A	497608	1	Brush Set				
413	693587	1	Nut				
510	496881	1	Drive-Starter				
544A	693548	1	Armature-Starter				
697	692062	1	Screw				
797	691029	1	Nut				
797A	693167	1	Nut				
801A	808778	1	Cap-Drive				
802A	691286	1	Cap-End				
803A	693547	1	Housing-Starter				
1051	691124	1	Ring-Lock				
1090	691293	1	Retainer-Brush				



Assemblies include all parts shown in frames.

Engine Gasket Set

Ref	Part No.	Qty.	Description				
23	805101	1	Seal-Oil				
27	806085	1	Gasket-Head, Cylinder				
29	807893	1	Breather Gasket				
212	691684	1	Gasket-Crankcase				
220	805049	1	Seal-Oil				
2451	691694	1	Gasket-Intake				
251A	692035	1	Gasket-Intake				
2163	692081	1	Gasket-Cleaner, Air				
2273	690681	1	Seal-O Ring				
2276A	691766	1	Washer-Sealing				
2338	691312	1	Gasket-Dipstick				
358	808390	1	Engine Gasket Set				
439	692154	1	Seal-O Ring				
2468	690690	1	Seal-O Ring				
2524	693172	1	Seal-Tube, Dipstick				
2691	690680	1	Seal-Shaft, Governor				
2868	691963	1	Seal-Valve				
2883	691613	1	Gasket-Exhaust				
2988	692063	1	Gasket-Adapter, Oil Filter				
21022	806039	1	Gasket-Cover, Rocker				



Assemblies include all parts shown in frames.

Valve Gasket Set and Carburetor Overhaul Kit

Ref	Part No.	Qty.	Description				
247	806085	1	Gasket-Head, Cylinder				
2451	691694	1	Gasket-Intake				
2551A	692035	1	Gasket-Intake				
494	808257	1	Idle Mixture Kit				
4102	692077	1	Gasket-Body, Carburetor				
4104	690723	1	Pin-Hinge, Float				
4105	692078	1	Valve-Needle, Float				
121	809023	1	Carburetor Overhaul Kit				
25276A	691766	1	Washer-Sealing				
25338	691312	1	Gasket-Dipstick				
4633	806131	1	Seal-Shaft, Choke / Throttle				
4633A	690722	1	Seal-Shaft, Choke / Throttle				
25868	691963	1	Seal-Valve				
25883	691613	1	Gasket-Exhaust				
251022	806039	1	Gasket-Cover, Rocker				
41091	691516	1	Cap-Limiter				
1095	808392	1	Valve Gasket Set				

NOTES

