

# TORO PART NUMBER INDEX

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
2534	Clip – Spring	3	11	1	112605	Seal – Control Shaft	7	5	2
2590	Key	15	4	2	112825	Cap – Dust	1	12	2
2844	Washer	2	9	1	112841	Cap	37	34	1
5108	Stem – Valve	15	*	1	112843	Washer	10	9	1
5210	Washer	15	17	1	112845	Decal – PTO Clutch	16	4	1
5977	Bushing – Nylon	4	10	2	113010	Down – Hold	13	9	1
6229	Bearing	2	6	2	113050	Cover – PTO Switch	13	30	1
7896	Washer – Bowed	3	3	2	113165	Bolt – Shoulder	2	8	1
8616	Spring – Compression	1	32	2	113179	Nut – Face	13	31	1
8830	Clip	11	23	2	113563	Grip	4	47	2
9038	Grip	1	21	2	113632	Spring – Speed Lever	4	41	2
100304	Spacer	10	26	1	113675	Bushing – Pivot	4	38	2
101017	Lock	1	34	2	113689	Washer – Spring	4	33	6
102025	Spacer	3	16	1	113823	Spring and Nuts	10	37	1
102950	Washer – Tab	13	29	1	113969	Hook	13	7	2
103409	Spacer	4	24	4	114064	Bearing	10	38	2
103509	Yoke	4	29	2	114268	Spring – 620–Z	12	38	2
103995	Washer	2	35	2	114269	Spring – 616–Z	12	*	2
104047	Bushing	11	8	1	114496	Spring – 620–Z (Nylon)	12	*	2
104048	Valve Assy – Fuel	11	9	1	114497	Spring – 616–Z (Nylon)	12	*	2
104525	Spacer	12	13	2	114563	Gasket	2	39	2
104657	Plate	1	23	2	114594	Fuse 10 AMP	13	42	1
105316	Cap – Plunger	1	22	2	114764	Elbow	11	32	1
105453	Key	2	21	1	115123	Washer	1	25	2
105453	Key	10	40	1	115197	Decal – Attach–A–Matic	17	3	2
105474	Spacer	4	16	2	115271	Fan	2	34	2
105503	Bushing	10	4	2	115272	Lever – Tow Valve	4	1	2
105797	Ring – Retaining	1	33	4	115273	Plate – Tow Valve	4	45	2
105805	Nut – Special	13	27	1	115274	Bracket – LH	2	27	1
106396	Tube – Rear Tire	15	13	2	115291	Pivot – Lever, LH	4	*	1
106449	Pin	12	8	1	115292	Pivot – Lever, RH	4	35	1
106661	Cam	4	14	2	115295	Bushing	5	49	2
106948	Tray – Battery	13	37	1	115296	Rod – Control	4	27	2
106950	Bushing	3	19	2	115297	Plate	5	50	2
107963	Tube – Front Tire	15	12	2	115298	Link – RH	4	21	1
108177	Spring – Torsion	10	14	1	115299	Link – LH	4	*	1
108686	Bolt	12	5	2	115300	Clip – Clevis, RH	5	48	1
108889	Bumper	2	12	1	115301	Clip – Clevis	4	22	2
108889	Bumper	12	39	4	115301	Clip – Clevis, LH	5	*	3
109101	Fuse 20 AMP	13	*	1	115335	Spacer	10	6	1
109154	Cap – Hub, Front	15	8	2	115437	Arm – Idler	10	10	1
109189	Bearing – Flanged	3	4	2	115440	Bracket – Idler	10	25	1
109500	Fitting – Grease	15	14	2	115682	Spacer – Idler	10	18	1
109530	Nut – Pal	11	22	1	115701	Pivot	3	12	1
109553	Boot	13	2	1	115725	Lever – Brake	3	2	1
109859	Bushing	10	12	2	115741	Funnel – Tank	11	3	1
109950	Spacer	10	13	1	115780	Tube – Fuel	11	12	1
109966	Bearing	10	17	2	115850	Cable	12	22	1
110459	Connector	10	39	1	115858	Clip – Snap Int.	13	*	1
110513	Bearing – Front Wheel	15	15	4	115860	Clip – Snap Int.	13	38	1
110769	Spring – Extension	3	10	1	115877	Battery – 280 CCA	13	10	1
111075	Cable	13	1	2	115882	Ring – Klip	15	19	2
111392	"J"Clip	11	13	3	116029	Bracket – Muffler	11	41	1
111392	"J"Clip	13	39	1	116030	Muffler	11	40	1
111420	Fitting – Grease	10	11	1	116064	Fender – RH	12	18	1
111951	Cap – Hub Rear	15	20	2	116065	Fender – LH	12	*	1
112113	Spring	4	9	2	116112	Arm	4	5	2
112595	Button	7	13	2	116113	Bracket – LH	4	*	1
112600	Ring – Retaining	7	8	2	116114	Bracket – RH	4	3	1
112604	Seal – Input Shaft	7	6	2	116154	Nut	13	33	2

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Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
116159	Nipple	11	31	1	117292	Switch – Ignition	13	32	1
116183	V–Belt	10	42	1	117391	Tire – Front 11 x 4.00–5	15	11	2
116184	Pulley	10	19	1	117412	Clamp – Hose	11	19	2
116194	Switch – Seat	13	18	1	117455	Bumper – Front	1	2	1
116195	Spring	12	9	1	117670	Support – Lever	4	44	1
116196	Bracket	4	11	1	118530	Nameplate – Toro	16	6	1
116237	Switch – Neutral	13	12	1	118940	Pan – Floor	12	16	1
116238	Nut	13	19	1	119050	Decal – Power Plus 616–Z	17	2	1
116239	Bracket – Retainer	4	39	2	119270	Pulley – Engine	2	20	1
116244	Rod – Lock	1	35	2	121290	Shield	1	15	1
116245	Latch – LH	1	20	1	908001	Bolt	11	25	2
116246	Latch – RH	1	*	1	908006	Bolt	4	18	2
116253	Plate	10	30	1	908016	Bolt	11	7	4
116258	Bracket – Support	3	39	1	908017	Bolt	12	2	6
116259	Shaft – Pivot	4	36	2	908017	Bolt	11	14	3
116263	Bracket – RH	2	*	1	908021	Bolt	11	37	4
116264	Spacer	3	38	1	910794	Screw	13	23	1
116267	Lock – Neutral	3	37	1	910794	Screw	13	40	2
116274	Bracket – Side	5	51	2	915183	Nut – Square	3	22	1
116277	Electric Clutch Assembly	10	7	1	915640	Nut	1	11	2
116289	Control – Choke	11	20	1	920038	Washer	11	5	4
116330	Bracket – RH	1	*	1	920081	Washer – Lock	11	24	2
116331	Bracket – LH	1	18	1	920081	Washer – Lock	11	36	3
116363	Valve Assy – Fuel Tank	11	4	1	920082	Washer – Lock	11	6	4
116393	Grip	3	1	1	920082	Washer – Lock	11	48	4
116397	Relay	13	22	1	920160	Washer – Lock	13	20	1
116422	Bracket	10	1	1	920163	Washer – Lock ITLW	13	34	1
116439	Pulley – Idler	2	17	3	920241	Washer – Spacer	10	16	2
116454	Knob	11	29	1	920242	Spacer	13	28	1
116455	Mat – Black	12	17	1	920251	Washer	15	7	1
116456	Rivet – Carpet Plastic	12	43	28	920251	Washer	1	10	2
116476	Rod – Neutral Lock	3	32	1	920252	Washer	15	6	1
116504	Plate – Pivot	12	11	1	920267	Washer – Special	2	28	4
116505	Bracket	2	1	1	920273	Washer – Special	13	35	1
116506	Spring	2	4	1	926698	Bolt	4	15	2
116527	Belt – PTO	2	22	1	932120	Pin – Clevis	1	30	2
116531	Washer	2	15	1	932120	Pin – Clevis	4	30	2
116531	Washer	11	50	2	932121	Pin – Clevis	3	35	1
116572	Bracket – Seat Pivot, RH	12	35	1	932948	Pin – Clevis	3	27	1
116573	Bracket – Seat Pivot, LH	12	*	1	933503	Pin – Cotter	4	31	2
116687	Arm	3	6	1	933504	Pin – Cotter	1	31	2
116708	Guard – Air Cleaner	11	34	1	937082	Key – Woodruff	4	20	2
116716	Switch – PTO	13	26	1	937086	Key – Woodruff	2	32	2
116718	Stiffener	2	7	1	938031	Bushing	11	17	2
116721	Arm – Idler	2	5	1	938037	Bushing	12	45	2
116727	Rod – Neutral Return	4	6	2	943420	Plug – Pipe	11	33	1
116728	Spacer	2	13	1	971015	"O"Ring	10	41	1
116731	Lever – Steering, LH	4	*	1	NN1004	Bearing – Up Crankshaft	19	*	1
116732	Lever – Steering, RH	4	32	1	NN10007	Bearing – Up Crankshaft	19	*	1
116792	Spring – Extension	3	45	1	NN10010	Bearing – Low Crankshaft	25		2
116819	Knob	12	6	2	NN10012	Bearing – Low Crankshaft	25	*	2
116880	Tire – Rear 18 x 9.50–8	15	2	2	NN10013	Bearing – Low Crankshaft	25	*	2
117048	Key – Ignition (Set of 2)	13	36	1	NN10032	Camshaft – w/Center Pin	23	11	1
117193	Field Assembly	10	35	1	NN10033	Camshaft – w/Center Pin	23	*	1
117194	Rotor	10	34	1	NN10054	Insert – Exhaust Seat, Std	19	8	2
117195	Armature & Pulley Assembly	10	36	1	NN10055	Insert – Exhaust Seat	19	*	2
117276	Front Wheel Assembly	15	9	2	NN10056	Insert – Exhaust Seat	19	*	2
117278	Front Wheel Assembly	15	10	2	NN10057	Insert – Exhaust Seat	19	*	2
117280	Rear Wheel Assembly	15	1	2	NN10058	Insert – Exhaust Seat	19	*	2
117281	Wheel – Rear	15	3	2	NN10075	Valve – Intake	19	25	2

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
NN10076	Valve – Exhaust	19 26 2	NN10389	Bolt	29 19 3
NN10077	Spring – Valve	19 28 4	NN10391	Bolt	27 3 1
NN10078	Retainer – Spring	19 33 4	NN10394	Bolt	29 20 2
NN10079	Head – Left Cylinder	19 32 1	NN10407	Screw	25 31 1
NN10080	Head – Right Cylinder	19 * 1	NN10408	Bolt	37 30 2
NN10081	Cap – Valve	19 37 4	NN10409	Bolt	23 19 6
NN10082	Lock	19 29 8	NN10410	Bolt	33 23 1
NN10089	Retaining Rings – Pin	19 * 2	NN10412	Bolt	33 19 1
NN10092	Retaining Rings – Pin	19 * 2	NN10417	Bolt	37 7 2
NN10093	Retaining Rings – Pin	19 * 2	NN10420	Washer	33 9 2
NN10100	Pin – Piston	19 47 2	NN10424	Washer – Lock	29 21 2
NN10102	Set – Piston Ring	21 * 2	NN10424	Washer – Lock	33 21 1
NN10105	Set – Piston Ring	21 * 2	NN10427	Nut – Wing	31 1 2
NN10106	Set – Piston Ring	21 * 2	NN10430	Nut	29 13 1
NN10124	Nuts – Rod w/Bolts	21 * 2	NN10431	Nut – Speed	25 32 1
NN10125	Nuts – Rod w/Bolts	21 50 2	NN10444	Control – Ignition	29 15 1
NN10126	Nuts – Rod w/Bolts	21 * 2	NN10466	Filter – Fuel	33 28 1
NN10127	Nuts – Rod w/Bolts	21 * 2	NN10468	Gasket	25 22 1
NN10128	Nuts – Rod w/Bolts	21 * 2	NN10474	Gasket	25 10 1
NN10130	Tappet – .002 Oversize	19 * 4	NN10475	Cover	25 9 1
NN10131	Tappet – .005 Oversize	19 * 4	NN10477	Crankshaft – 616-Z	23 1 1
NN10141	Adapter	27 2 1	NN10478	Guide – Intake Valve	19 11 2
NN10143	Filter – Oil	27 7 2	NN10479	Guide – Exhaust Valve	19 12 2
NN10171	Flywheel – w/Ring Gear	23 15 1	NN10480	Cooler – Oil	25 23 1
NN10199	Jet – Power 616-Z	35 4 1	NN10481	Cover – Valve	19 22 2
NN10201	Jet – Idle 616-Z	35 3 1	NN10482	Tube – Pickup	25 11 1
NN10206	Kit – Repair	33 12 1	NN10483	Spring – Pickup	25 12 1
NN10207	Kit – Choke Shaft	35 1 1	NN10485	Cup – Pickup	25 13 1
NN10208	Kit – Choke Lever 620-Z	35 * 1	NN10487	Drain – Oil	27 4 1
NN10209	Kit – Float	35 10 1	NN10488	Seal	27 6 1
NN10245	Coil – Ignition	37 28 1	NN10489	Tube – Breather	19 16 1
NN10247	Rotor	29 28 1	NN10490	Indicator – Oil Level	25 26 1
NN10248	Nut – Positive Terminal M4	29 32 1	NN10491	Tube	25 28 1
NN10249	Nut – Negative Terminal M5	29 31 1	NN10492	Bracket	25 29 1
NN10253	Wire – Plug	29 30 1	NN10493	Tube	31 3 1
NN10254	Wire – Plug	29 * 1	NN10494	Adapter – Breather	19 17 1
NN10265	Kit – Hardware	39 11 1	NN10495	Bracket	19 18 1
NN10276	Condenser	37 29 1	NN10498	Baffle	25 25 1
NN10277	Fuse 30 AMP	13 * 1	NN10499	Pan	31 9 1
NN10291	Lead – Terminal	29 18 2	NN10500	Cover	31 4 1
NN10302	Hose	33 27 1	NN10503	Element – Foam	31 5 1
NN10302	Hose 11”	37 23 1	NN10504	Carburetor – 616-Z	33 10 1
NN10325	Seal	25 30 1	NN10505	Pump – Fuel	37 22 1
NN10326	Seal	19 30 2	NN10509	Rod	33 5 1
NN10332	Key – Flywheel	23 23 1	NN10510	Shaft and Arm	29 3 1
NN10334	Pin – Stop	19 6 2	NN10514	Manifold	33 4 1
NN10334	Screw	25 3 2	NN10515	Plate	29 24 1
NN10335	Pin – Dowel	29 6 1	NN10516	Insulator	29 22 1
NN10336	Pin	19 13 2	NN10519	Starter Assy	39 1 1
NN10340	Plug	37 31 1	NN10522	Clip	37 26 1
NN10348	Clip	37 6 1	NN10524	Bracket	23 24 1
NN10348	Clip	29 33 1	NN10525	Clamp – Hose	19 19 2
NN10352	Stud	29 14 1	NN10527	Hose	33 30 1
NN10368	Bolt	29 26 2	NN10529	Hose	19 20 1
NN10369	Bolt	19 42 2	NN10530	Seal – Oil	25 4 1
NN10370	Bolt	19 27 2	NN10531	”O”Ring	25 14 2
NN10373	Bolt	27 5 2	NN10532	Seal – Inner	25 15 1
NN10375	Bolt	33 1 4	NN10533	Seal – Outer	25 16 1
NN10376	Bolt	39 10 2	NN10534	Bearing – Ball	25 7 1
NN10381	Bolt	19 35 18	NN10535	Plug	19 21 1

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Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
NN10536	Plug	19	2	1	57-8330	Gasket	19	31	2
NN10538	Clip	33	6	1	57-8350	Retaining Rings - Pin	19	46	2
NN10539	Ring - Retaining	25	5	1	57-8360	Retaining Rings - Pin	19	*	2
NN10540	Washer	25	17	5	57-8370	Retaining Rings - Pin	19	*	2
NN10541	Washer	23	17	1	57-8380	Set - Piston Ring	21	49	2
NN10542	Washer	19	41	2	57-8390	Set - Piston Ring	21	*	2
NN10542	Washer	29	27	2	57-8400	Set - Piston Ring	21	*	2
NN10543	Washer	33	2	4	57-8410	Bolt - Rod	21	51	4
NN10544	Bolt	33	8	2	57-8420	Nuts - Rod w/Bolts	21	*	2
NN10546	Screw	25	19	9	57-8430	Nuts - Rod w/Bolts	21	*	2
NN10547	Screw	31	8	1	57-8440	Nuts - Rod w/Bolts	21	*	2
NN10549	Gasket	29	10	1	57-8450	Tappet - Std	19	24	4
NN10550	Gasket	33	3	2	57-9050	Jet - Power 620-Z	35	*	1
NN10551	Guard	37	32	1	57-9090	Ring - Retaining	23	6	1
NN10555	Support	31	7	1	57-9100	Spring	37	11	1
NN10559	Kit - Gearcase	29	1	1	57-9120	Bushing	37	20	1
NN10560	Pump - Oil	19	39	1	57-9130	Hub - Governor Cup	23	7	1
NN10561	Kit - Oil Pump Gasket	19	40	1	57-9140	Arm	37	17	1
NN10563	Gasket	27	1	1	57-9170	Swivel	33	22	1
NN10682	Plug	25	8	3	57-9180	Link	33	17	1
NN10766	Block - Short 16HP	19	1	1	57-9190	Clamp	37	12	1
NN10784	Bolt	37	14	1	57-9190	Clamp	33	26	1
NN10784	Bolt	33	25	1	57-9200	Gasket	33	7	1
NN10789	Clamp	33	29	3	57-9200	Gasket	35	8	2
NN10794	Regulator - Voltage	37	27	1	57-9210	Gasket - Exhaust	11	47	2
NN10798	Plug	27	9	1	57-9260	Gasket	29	25	1
NN10807	Kit - Carburetor Repair	35	7	1	57-9340	Plug - Spark	29	29	2
NN10808	Solenoid	35	5	1	57-9370	Kit - Valve Grind Gasket	19	*	1
NN10809	Kit - Choke Lever 616-Z	35	2	1	57-9440	Stator - with Terminals	29	17	1
NN10810	Jet - Fixed 616-Z	35	*	1	57-9550	Clamp	37	24	4
NN10810	Jet - Power, High Alt.	35	6	1	57-9570	Seal - Oil	29	7	1
NN10811	Kit - Throttle Shaft	35	9	1	57-9580	Seal - Oil	29	9	1
NN10855	Carburetor - 620-Z	33	*	1	57-9610	"O"Ring	25	27	1
NN10858	Jet - Fixed 620-Z	35	*	1	57-9630	Bearing	29	8	1
NN10858	Jet - Power, High Alt.	35	*	1	57-9640	Ball - Governor	23	9	5
NN10859	Jet - Idle 620-Z	35	*	1	57-9650	Bearing	29	2	1
NN10862	Housing - Blower	37	1	1	57-9660	Key - Gear	23	5	1
NN10863	Cable Tie	37	9	2	57-9660	Key - Woodruff	23	10	1
NN10864	Screw	37	33	4	57-9700	Clip - Retaining	29	23	1
NN10865	Spring - Governor Rod	33	11	1	57-9710	Ring - Retaining	23	2	1
NN10867	Base - Oil	25	1	1	57-9720	Ring - Retaining	19	48	4
NN10898	Bracket	37	13	1	57-9740	Washer - Copper	19	36	2
NN10917	Crankshaft - 620-Z	23	*	1	57-9750	Washer	27	8	2
47-2966	Hose 5	11	11	1	57-9750	Washer	29	12	5
47-2968	Hose - 18" Fuel	11	18	1	57-9760	Washer - Copper	19	44	1
51-8170	Shim 0.005	19	3	AR	57-9770	Washer	19	34	18
55-3570	Cap - Tank	11	30	1	57-9770	Washer	39	9	2
57-8000	Bearing - Camshaft	19	5	2	57-9790	Nut - Rod	21	52	2
57-8030	Bearing - Up Crankshaft	19	*	1	57-9800	Bearing - Up Crankshaft	19	*	1
57-8032	Bearing - Up Crankshaft	19	10	1	59-0280	Spring	25	6	1
57-8050	Bearing - Low Crankshaft,	25	2	2	59-0280	Spring	19	45	1
57-8060	Bearing - Low Crankshaft	25		2	59-0290	Tube - Oil	19	7	1
57-8130	Gear - Crankshaft	23	4	1	59-0360	Tube - Vacuum	19	15	1
57-8140	Washer - Special	23	3	1	59-0370	Cap	37	21	1
57-8150	Screw - Special Cap	23	16	1	59-0400	Pin - Center	23	14	1
57-8160	Washer	19	4	2	59-0420	Yoke	29	4	1
57-8180	Gear - Ring	23	22	1	59-0430	Spring	37	16	1
57-8210	Gear - Camshaft w/Spacer	23	12	1	59-0450	Cup - Governor	23	8	1
57-8230	Washer - Special Thrust	23	13	1	59-0460	Lever	33	16	1
57-8260	Gasket	19	23	2	59-0470	Bracket	33	18	1

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Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
59-0720	Pin - Cotter	33	24	1	79-6240	Insert - Intake Seat	19	*	2
59-0760	Plug	19	14	1	79-6250	Insert - Intake Seat	19	*	2
59-0810	Washer	23	18	1	79-6260	Insert - Intake Seat	19	*	2
59-0820	Washer	37	10	4	79-6270	Insert - Intake Seat	19	*	2
59-0830	Washer	37	19	2	79-6300	Spring - Brush	39	3	3
59-0850	Washer	33	15	1	79-6440	Screen - Air Inlet	23	21	1
59-0860	Washer	25	33	4	79-7500	Spring - Hose	2	49	3
59-0910	Bolt	19	43	1	82-1410	Bolt	29	11	4
59-0950	Screw	29	5	2	88-2210	Cover Assembly	7	2	2
59-0970	Bolt	37	2	2	88-2220	Cover	7	3	2
59-0970	Screw	25	24	2	88-2230	Screw	7	4	26
59-0980	Bolt	37	8	4	88-2240	Shaft - Input	7	7	1
59-0980	Screw	25	20	19	88-2250	Plug Assembly	7	9	2
59-1010	Bolt	37	18	2	88-2260	Seal - "O" Ring	7	10	6
59-1020	Bolt	33	20	1	88-2270	Fitting 90°	7	11	2
59-1030	Bolt	37	15	1	88-2280	Gasket - Cover	7	12	4
59-1050	Screw	37	25	2	88-2290	Drive - Roto Ball	7	14	2
59-1080	Bolt	37	5	5	88-2300	Pump Assembly,	7	15	2
59-1120	Bolt	23	20	4	88-2310	Insert	7	16	2
59-1130	Nut	29	16	1	88-2320	Ring Assembly - Cam	7	17	2
62-2720	Kit - Starter Solenoid	39	2	1	88-2340	Motor Assembly	7	20	4
62-2740	Kit - Brush	39	5	1	88-2340	Nut - Assembly	7	19	2
62-2750	Holder - Brush	39	4	1	88-2350	Pad - Friction	7	21	4
62-2770	Kit - Starter Shift Lever	39	6	1	88-2360	Nut - Lock	7	22	1
71-6290	Kit - Engine Gasket	19	38	1	88-2370	Lever - Brake, R.H.	7	23	1
72-3940	Clutch - Starter	39	7	1	88-2380	Shim - .020	7	24A/R	
72-3950	Seal - Dust	39	8	1	88-2390	Lever - Brake, L.H.	7	25	1
74-0720	Tube - Manual	12	46	1	88-2400	Screw - Hex. Hd.	7	26	1
78-0020	Hourmeter - Assembly	13	15	1	88-2410	Shaft - Brake	7	27	1
78-0390	Rod - Upper Brake	3	7	1	88-2420	Spring - Conical,	7	28	4
78-2740	Washer - Lock	12	44	2	88-2430	Base - Spring	7	29	2
78-2760	Pulley - Transmission	2	33	2	88-2440	Ring - Retaining	7	30	6
78-2790	Control - Throttle	11	26	1	88-2450	Rod - Push	7	31	2
78-2850	Decal - Control	16	5	1	88-2460	Seal - Quad	7	32	2
78-3320	Clamp - Hourmeter	13	43	1	88-2470	Spring - Dump Valve	7	33	2
78-5840	Harness - Wiring	13	11	1	88-2480	Bracket - Dump Valve	7	34	2
78-7400	Decal - Power Plus 620-Z	17	*	1	88-2490	"O" Ring - Seal	7	35	2
78-7410	Washer	15	18	1	88-2500	Gasket - Filter	7	36	1
79-1080	Cover	2	40	2	88-2510	Filter	7	37	2
79-1440	Arm - Control, RH	4	17	1	88-2520	Cover - Valve	7	38	2
79-1450	Arm - Control, LH	4	*	1	88-2530	Screw - Hex. Hd.	7	39	11
79-1780	Spring - Torsion	3	25	1	88-2560	Ring - Retaining	9	1	
79-2110	Clamp - Hose	2	50	1	88-2570	Bearing - Ball	9	2	2
79-2290	Cover	12	30	1	88-2580	Seal - Radial Lip	9	3	2
79-2310	Rod - Lower	3	17	1	88-2590	Shaft - Axle	9	4	2
79-2320	Yoke - Adjuster	3	23	1	88-2600	Ring - Retaining	9	5	4
79-2330	Bracket	2	41	1	88-2610	Washer - Thrust	9	6	4
79-2340	Shaft - Brake	3	18	1	88-2620	Housing - Axle	9	7	2
79-2350	Transaxle Assembly	2	23	1	88-2640	Gasket - Axle Housing	9	17	2
79-2360	Hose - 7"	2	47	3	88-2660	Plate - Backup	9	8	2
79-2380	Clamp	2	48	6	88-2670	Gear - Ring, 57 Tooth	9	10	4
79-2410	Fitting - Tee	2	51	1	88-2680	Gear - First, 15 Tooth	9	11	2
79-3500	Reservoir w/Gasket	2	38	2	88-2690	Gear - Planet First	9	13	6
79-5230	Engine - 16HP	11	1	1	88-2790	Decal - Danger	17	4	1
79-5240	Engine - 20HP	11	*	1	88-2800	Carrier Primary	9	12	2
79-5960	Support - Seat	12	34	1	88-2810	Gear - Second	9	16	6
79-5970	Plate - Hitch	1	27	2	88-2810	Gear - Second	9	14	2
79-5990	Fork - Front Wheel, RH	1	*	1	88-2820	Gear - Second	9	15	6
79-6000	Fork - Front Wheel, LH	1	6	1	88-2840	Screw - 5/16	9	28	16
79-6230	Insert - Intake Seat, Std	19	9	2	88-2930	Shaft - Control	7	1	2

\*Not Illustrated

# TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
88-2940	Housing	7	40	2	321-4	Bolt	2	42	4
88-2950	Piston Assembly	7	41	4	321-4	Bolt	13	3	2
88-2960	Seal - "O"Ring	7	42	1	321-4	Bolt	12	19	12
88-2970	Seal - Cup	7	43	1	321-11	Bolt	2	37	2
88-2980	Washer	7	45	1	322-3	Bolt	2	2	6
88-2990	Plug	7	46	1	322-3	Bolt	4	12	2
88-3000	"O"Ring	9	24	1	322-3	Bolt	12	27	5
88-3000	"O"Ring - Seal	7	47	1	322-3	Bolt	5	52	2
88-3010	"O"Ring - Seal	7	48	1	322-4	Bolt	10	2	4
88-3020	Ring - Backup	7	49	1	322-5	Bolt	1	16	2
88-3030	Rod - Push	7	50	1	322-5	Bolt	12	23	5
88-3050	Axle Housing Assembly	9	*	1	322-5	Bolt	2	31	2
88-3060	Plate - Reaction	9	9	2	322-7	Bolt	10	28	1
88-3070	Nut	9	18	4	322-10	Bolt	2	14	1
88-3080	Washer - Lock	9	19	4	323-6	Bolt	1	3	4
88-3090	Flange	9	20	2	323-6	Bolt	2	18	1
88-3100	Screw	9	21	16	323-6	Bolt	5	54	2
88-3110	Screw	9	22	4	323-7	Bolt	10	31	1
88-3120	Plug	9	23	1	323-9	Bolt	4	26	2
88-3130	Housing Assembly	9	25	1	323-10	Bolt	3	13	1
88-3150	Transmission 1/2 L.H.	9	*	1	323-15	Bolt	10	15	1
88-3160	Transmission 1/2 R.H.	9	*	1	323-16	Bolt	10	22	1
88-3210	Seat 616-Z	12	*	1	323-20	Bolt	2	24	4
88-3220	Seat 620-Z	12	3	1	3212-11	Bolt	10	8	1
88-3230	Kit - Armrest	12	1	1	3217-6	Nut	12	24	1
92-0901	Retaining Rings - Pin	19	*	2	3217-6	Nut - Jam	3	24	1
92-0902	Retaining Rings - Pin	19	*	2	3217-27	Nut - Hex.	13	17	2
92-0903	Retaining Rings - Pin	19	*	2	3218-3	Nut	4	7	4
92-0904	Retaining Rings - Pin	19	*	2	3218-5	Nut - Jam	4	34	4
92-0905	Set - Piston Ring	21	*	2	3220-1	Nut - Jam	4	28	2
92-0906	Set - Piston Ring	21	*	2	3220-2	Nut - Jam	3	33	1
92-0907	Set - Piston Ring	21	*	2	3231-2	Bolt - Carriage	1	24	2
92-0908	Set - Piston Ring	21	*	2	3231-25	Bolt - Carriage	12	12	2
92-0909	Set - Piston Ring	21	*	2	3231-25	Bolt - Carriage	1	28	4
92-0951	Block - Short 20HP	19	*	1	3250-23	Screw - Machine	13	13	2
92-0952	Retaining Rings - Pin	19	*	2	3253-3	Washer - Lock	2	36	2
92-0955	Hood	31	2	1	3253-15	Washer - Lock	13	44	2
92-0956	Element - Paper	31	6	1	3256-3	Washer	12	25	14
92-0957	Housing - Cylinder, LH	37	3	1	3256-3	Washer	10	27	2
92-0958	Housing - Cylinder, RH	37	4	1	3256-4	Washer	2	10	1
92-1714	Bushing - Flange	1	7	4	3256-4	Washer	12	36	4
92-1758	Frame	1	1	1	3256-14	Washer	13	24	1
92-1784	Decal - Zero Turn	17	1	1	3256-22	Bolt	11	35	3
92-2500	Decal - Danger	16	3	1	3256-22	Washer	13	4	4
92-2504	Decal - Danger	16	2	1	3256-22	Washer	12	20	24
92-2507	Decal - Toro 616-Z	17	7	1	3256-22	Washer	4	23	2
92-2508	Decal - Toro 620-Z	17	8	1	3256-22	Washer	3	28	1
92-2510	Decal - Rear	17	6	1	3256-22	Washer	2	43	2
92-4951	Decal -Steering Speed	16	7	1	3256-23	Washer	10	3	4
92-4952	Decal -Steering Speed	16	8	1	3256-23	Washer	12	4	2
321-10	Bolt	3	40	1	3256-23	Washer	3	8	7
2412-98	Clamp	11	10	2	3256-23	Washer	11	15	3
2412-133	Clamp - Tube	12	47	2	3256-23	Washer	2	30	4
2710-33	Link - Brake	3	21	1	3256-23	Washer	11	39	3
282-2	Clevis	3	34	1	3256-23	Washer	11	43	1
2811-7	Elbow - Street	1	14	2	3256-23	Washer	5	53	4
302-2	Fitting - Grease	1	13	2	3256-23	Washer	12	32	8
302-5	Fitting - Grease	10	20	1	3256-23	Washer	11	45	1
322-1	Bolt	11	44	1	3256-24	Washer	1	4	12
322-1	Bolt	11	42	1	3256-24	Washer	4	8	2

\*Not Illustrated

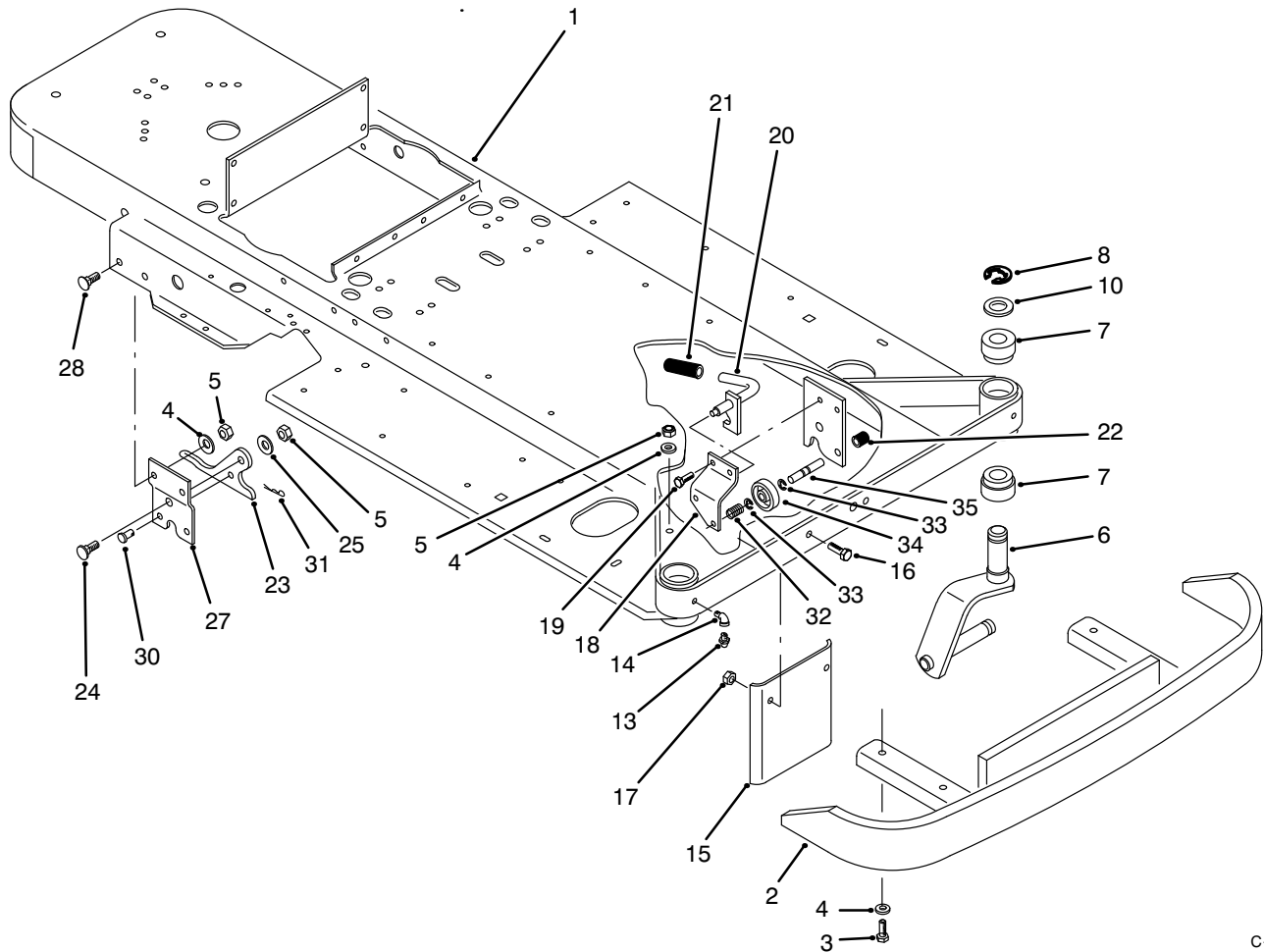
# TORO PART NUMBER INDEX (Cont.)

3315-689

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
3256-24	Washer	3 14 1	3296-29	Nut	2 16 1
3256-24	Washer	2 19 1	3296-29	Nut	1 17 2
3256-24	Washer	2 25 8	3296-29	Nut	12 26 10
3256-24	Washer	10 32 2	3296-29	Nut	10 29 1
3256-24	Washer	12 14 2	3296-39	Nut	1 5 10
3256-26	Washer	4 37 6	3296-39	Nut	12 15 6
3256-27	Washer	13 21 1	3296-39	Nut	4 25 2
3256-63	Washer	4 19 2	3296-39	Nut	2 26 4
3256-63	Washer	3 41 2	3296-39	Nut	3 15 1
3272-2	Pin - Cotter	3 29 1	3296-39	Nut	10 21 1
3272-6	Pin - Cotter	3 9 6	3296-42	Nut	13 6 2
3272-6	Pin - Cotter	12 10 1	3296-42	Nut	12 21 12
3272-6	Pin - Cotter	4 46 2	3296-42	Nut	4 2 2
3272-10	Bolt	11 49 4	3296-42	Nut	3 42 1
3250-14	Screw	11 27 2	3296-42	Nut	2 44 4
3296-2	Nut	13 14 2	32103-22	Nut - Wing	13 8 2
3296-2	Nut	13 25 1	32104-32	Screw	25 21 4
3296-2	Nut	11 28 2	32120-72	Ring - Retaining	3 20 2
3296-2	Nut	13 41 2	32121-93	Pin - Roll	3 5 1
3256-46	Washer	11 21 1	32144-11	Screw	3 43 2
3296-23	Nut - Elastic	4 43 4	32144-11	Bolt	4 40 2
3296-29	Nut	2 3 3	32144-11	Bolt	1 19 4
3296-29	Nut	10 5 4	32144-41	Bolt	4 4 6
3296-29	Nut	4 13 4	32146-2	Nut	2 11 1
3296-29	Nut	11 16 3	32151-91	Ring - Retaining	15 5 2
3296-29	Nut	11 38 4	32151-91	Ring - Retaining	1 8 2
3296-29	Nut	11 46 1			



MODEL NO. 74021-390001 & UP MODEL NO. 74101-390001 & UP	<b>PARTS CATALOG</b>
<b>PROLINE 616-Z &amp; 620-Z ZERO RADIUS TRACTORS</b>	



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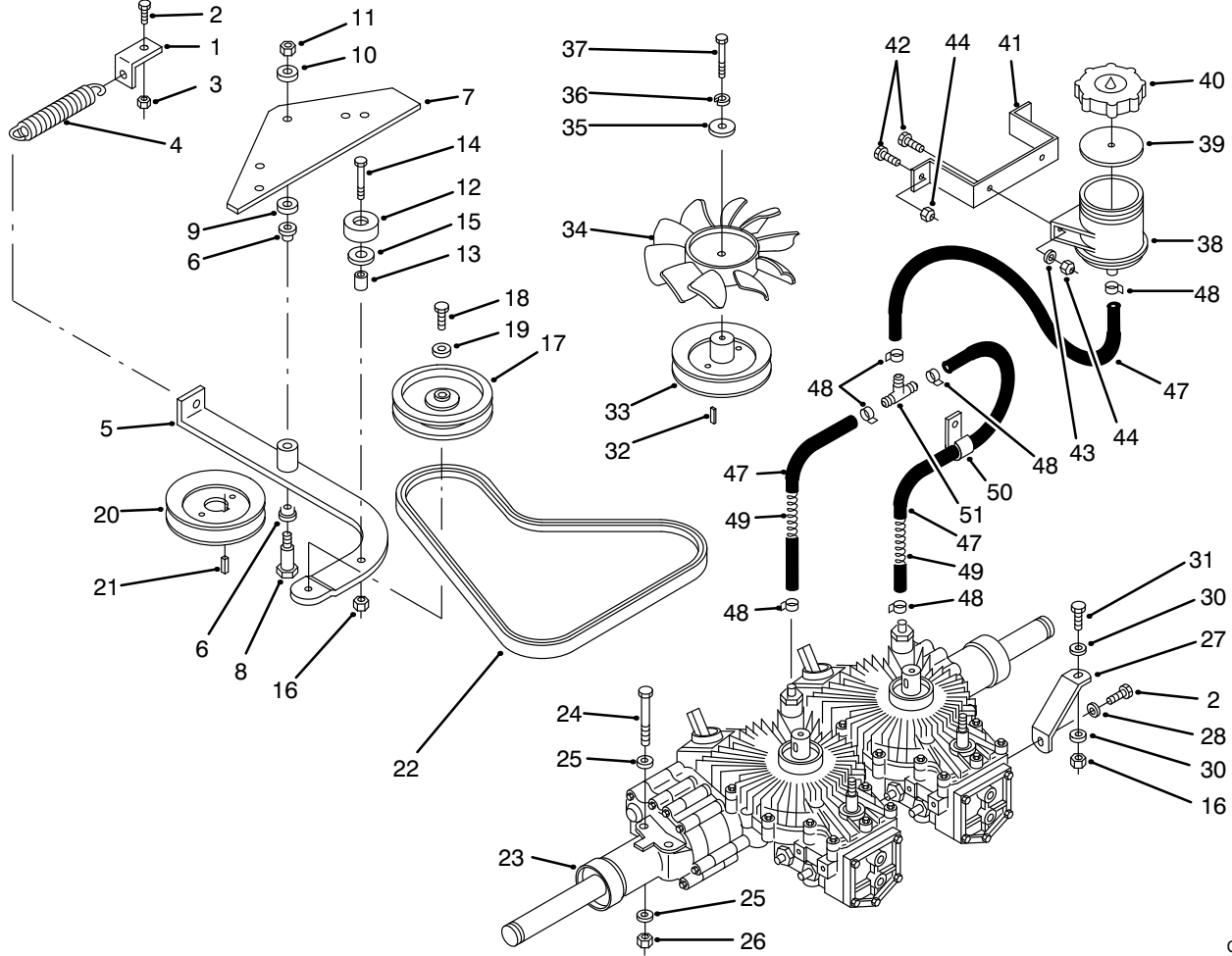
## FRAME & FRONT WHEEL FORK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92-1758	Frame	1
2	117455	Bumper - Front	1
3	323-6	Bolt	4
4	3256-24	Washer	12
5	3296-39	Nut	10
6	79-6000	Fork - Front Wheel, LH	1
*	79-5990	Fork - Front Wheel, RH	1
7	92-1714	Bushing - Flange	4
8	32151-91	Ring - Retaining	2
10	920251	Washer	2
11	915640	Nut	2
12	112825	Cap - Dust	2
13	302-2	Fitting - Grease	2
14	2811-7	Elbow - Street	2
15	121290	Shield	1
16	322-5	Bolt	2
17	3296-29	Nut	2

Ref. No.	Part No.	Description	No. Used
18	116331	Bracket - LH	1
*	116330	Bracket - RH	1
19	32144-11	Bolt	4
20	116245	Latch - LH	1
*	116246	Latch - RH	1
21	9038	Grip	2
22	105316	Cap - Plunger	2
23	104657	Plate	2
24	3231-2	Bolt - Carriage	2
25	115123	Washer	2
27	79-5970	Plate - Hitch	2
28	3231-25	Bolt - Carriage	4
30	932120	Pin - Clevis	2
31	933504	Pin - Cotter	2
32	8616	Spring - Compression	2
33	105797	Ring - Retaining	4
34	101017	Lock	2
35	116244	Rod - Lock	2

\*Not Illustrated





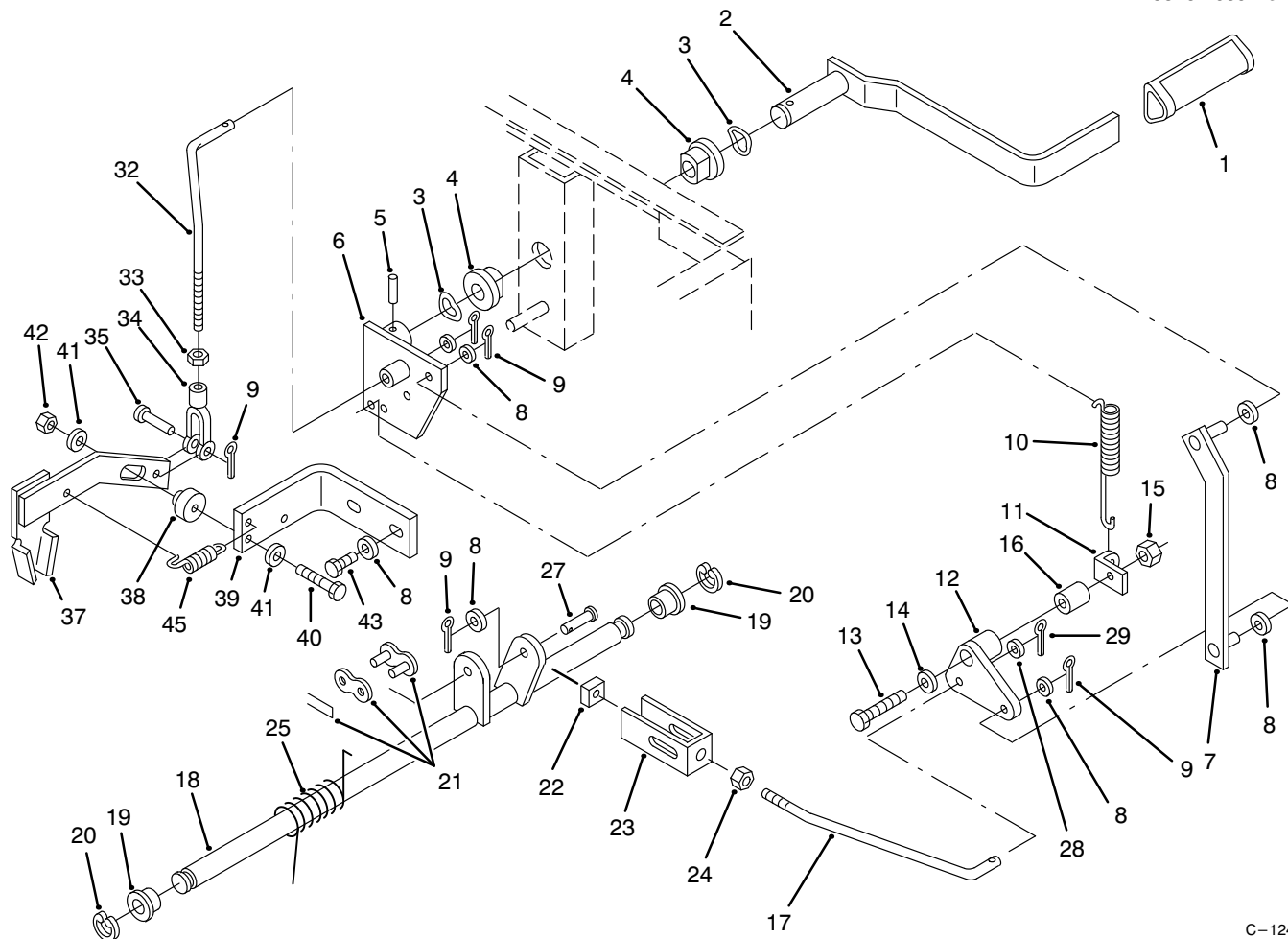
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## TRANSMISSION & DRIVE SYSTEM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	116505	Bracket	1
2	322-3	Bolt	6
3	3296-29	Nut	3
4	116506	Spring	1
5	116721	Arm - Idler	1
6	6229	Bearing	2
7	116718	Stiffener	1
8	113165	Bolt - Shoulder	1
9	2844	Washer	1
10	3256-4	Washer	1
11	32146-2	Nut	1
12	108889	Bumper	1
13	116728	Spacer	1
14	322-10	Bolt	1
15	116531	Washer	1
16	3296-29	Nut	1
17	116439	Pulley - Idler	3
18	323-6	Bolt	1
19	3256-24	Washer	1
20	119270	Pulley - Engine	1
21	105453	Key	1
22	116527	Belt - PTO	1
23	79-2350	Transaxle Assembly	1
24	323-20	Bolt	4
25	3256-24	Washer	8

Ref. No.	Part No.	Description	No. Used
26	3296-39	Nut	4
27	115274	Bracket - LH	1
*	116263	Bracket - RH	1
28	9202674	Washer - Special	4
30	3256-23	Washer	4
31	322-5	Bolt	2
32	937086	Key - Woodruff	2
33	78-2760	Pulley - Transmission	2
34	115271	Fan	2
35	103995	Washer	2
36	3253-3	Washer - Lock	2
37	321-11	Bolt	2
38	79-3500	Reservoir w/Gasket	2
39	114563	Gasket	2
40	79-1080	Cover	2
41	79-2330	Bracket	1
42	321-4	Bolt	4
43	3256-22	Washer	2
44	3296-42	Nut	4
47	79-2360	Hose - 7"	3
48	79-2380	Clamp	6
49	79-7500	Spring - Hose	3
50	79-2110	Clamp - Hose	1
51	79-2410	Fitting - Tee	1

\*Not Illustrated

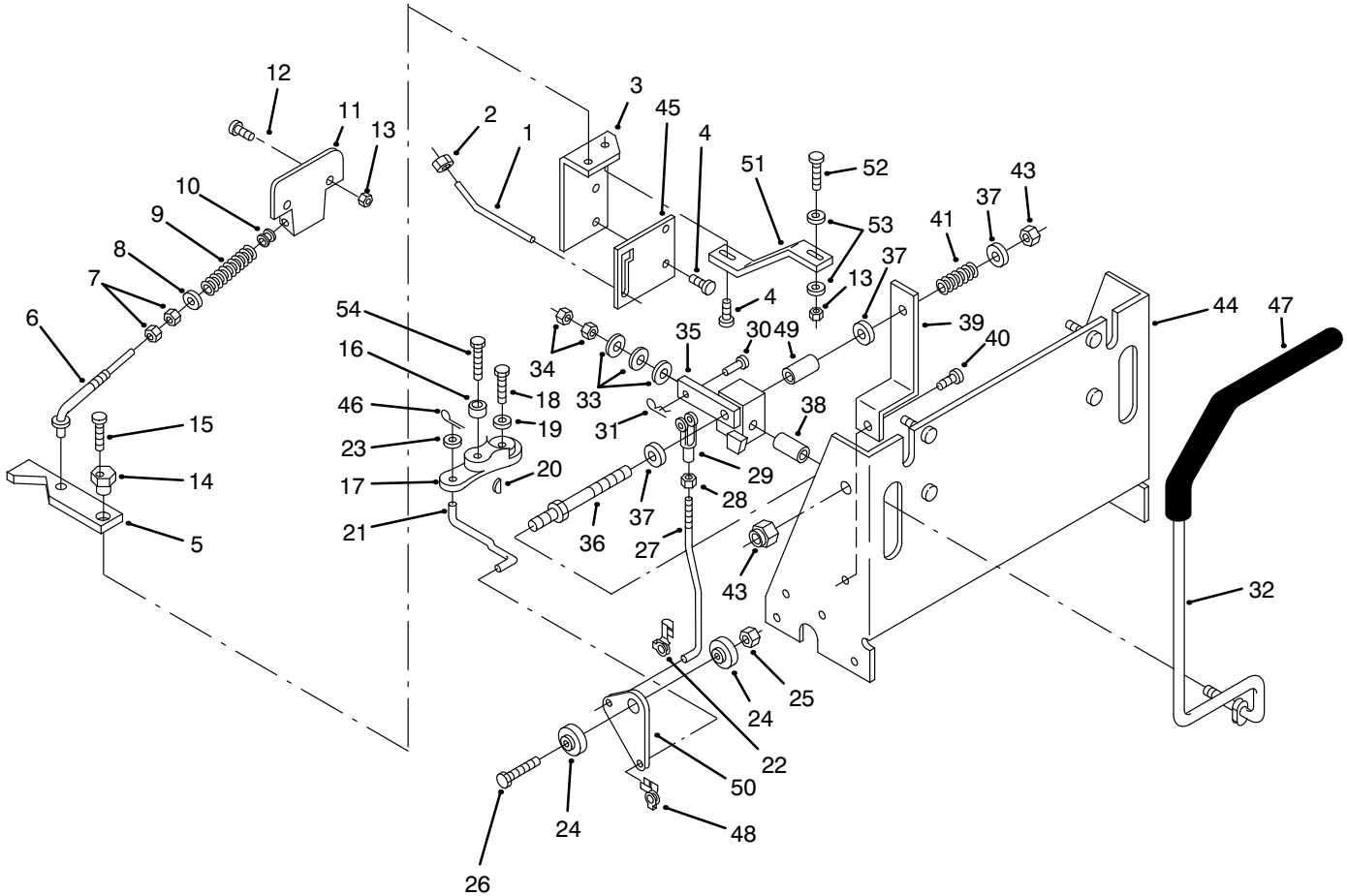


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## PARKING BRAKE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	116393	Grip	1
2	115725	Lever - Brake	1
3	7896	Washer - Bowed	2
4	109189	Bearing - Flanged	2
5	32121-93	Pin - Roll	1
6	116687	Arm	1
7	78-0390	Rod - Upper Brake	1
8	3256-23	Washer	7
9	3272-6	Pin - Cotter	6
10	110769	Spring - Extension	1
11	2534	Clip - Spring	1
12	115701	Pivot	1
13	323-10	Bolt	1
14	3256-24	Washer	1
15	3296-39	Nut	1
16	102025	Spacer	1
17	79-2310	Rod - Lower	1
18	79-2340	Shaft - Brake	1
19	106950	Bushing	2
20	32120-72	Ring - Retaining	2

Ref. No.	Part No.	Description	No. Used
21	2710-33	Link - Brake	1
22	915183	Nut - Square	1
23	79-2320	Yoke - Adjuster	1
24	3217-6	Nut - Jam	1
25	79-1780	Spring - Torsion	1
27	932948	Pin - Clevis	1
28	3256-22	Washer	1
29	3272-2	Pin - Cotter	1
32	116476	Rod - Neutral Lock	1
33	3220-2	Nut - Jam	1
34	282-2	Clevis	1
35	932121	Pin - Clevis	1
37	116267	Lock - Neutral	1
38	116264	Spacer	1
39	116258	Bracket - Support	1
40	321-10	Bolt	1
41	3256-63	Washer	2
42	3296-42	Nut	1
43	32144-11	Screw	2
45	116792	Spring - Extension	1



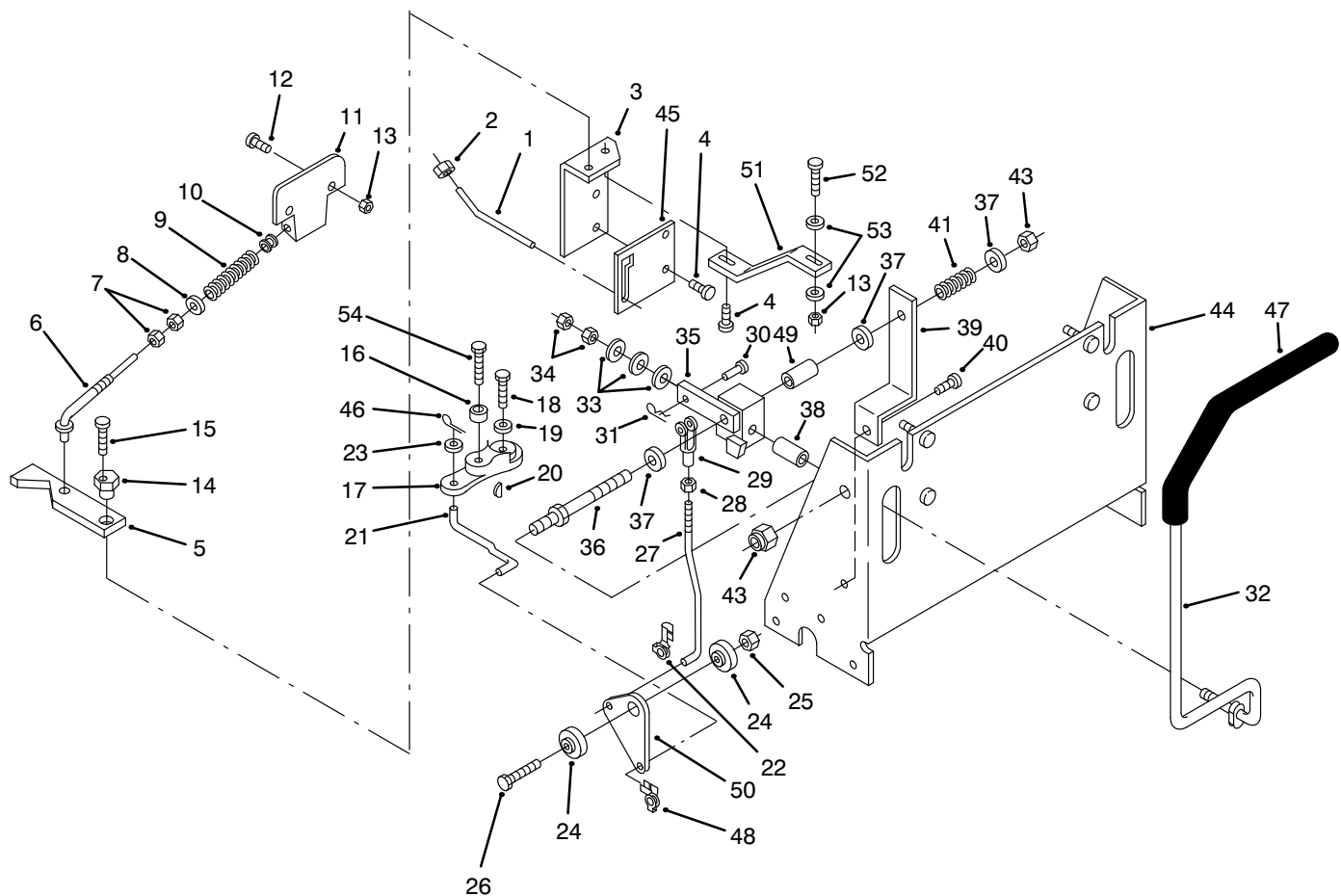
C-1246

## TRANSMISSION CONTROLS ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	115272	Lever – Tow Valve	2
2	3296-42	Nut	2
3	116114	Bracket – RH	1
*	116113	Bracket – LH	1
4	32144-41	Bolt	6
5	116112	Arm	2
6	116727	Rod – Neutral Return	2
7	3218-3	Nut	4
8	3256-24	Washer	2
9	112113	Spring	2
10	5977	Bushing – Nylon	2
11	116196	Bracket	1
12	3274-53	Bolt – Soc. Hd.	2
13	3296-47	Nut	4
14	106661	Cam	2
15	926698	Bolt	2
16	105474	Spacer	2
17	79-1440	Arm – Control, RH	1
*	79-1450	Arm – Control, LH	1
18	908006	Bolt	2
19	3256-63	Washer	2
20	937082	Key – Woodruff	2
21	115298	Link – RH	1
*	115299	Link – LH	1
22	115301	Clip – Clevis	2
23	3256-22	Washer	2

Ref. No.	Part No.	Description	No. Used
24	103409	Spacer	4
25	3296-39	Nut	2
26	323-9	Bolt	2
27	115296	Rod – Control	2
28	3220-1	Nut – Jam	2
29	103509	Yoke	2
30	932120	Pin – Clevis	2
31	933503	Pin – Cotter	2
32	116732	Lever – Steering, RH	1
*	116731	Lever – Steering, LH	1
33	113689	Washer – Spring	6
34	3218-5	Nut – Jam	4
35	115292	Pivot – Lever, RH	1
*	115291	Pivot – Lever, LH	1
36	116259	Shaft – Pivot	2
37	3256-26	Washer	6
38	113675	Bushing – Pivot	2
39	116239	Bracket – Retainer	2
40	32144-11	Bolt – Swag	2
41	113632	Spring – Speed Lever	2
43	3296-23	Nut – Elastic	4
44	117670	Support – Lever	1
45	115273	Plate – Tow Valve	2
46	3272-6	Pin – Cotter	2
47	113563	Grip	2

\*Not Illustrated



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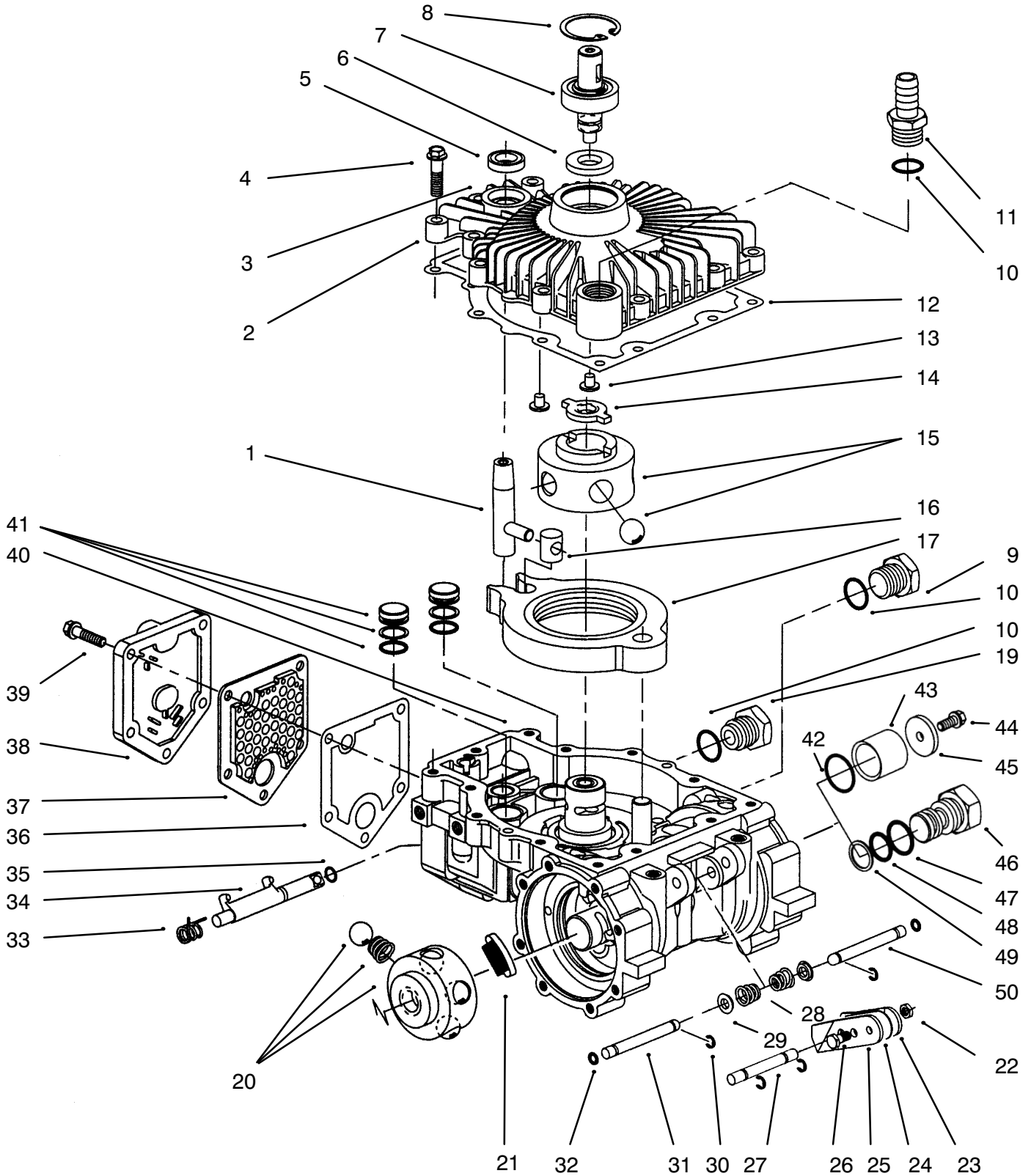
## TRANSMISSION CONTROLS ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
48	115300	Clip – Clevis, RH	1
*	115301	Clip – Clevis, LH	3
49	115295	Bushing	2
50	115297	Plate	2

Ref. No.	Part No.	Description	No. Used
51	116274	Bracket – Side	2
52	322-3	Bolt	2
53	3256-23	Washer	4
54	323-6	Screw – Cap Hex. Hd.	2

\*Not Illustrated

# TRANSMISSION EATON MODEL 781-016

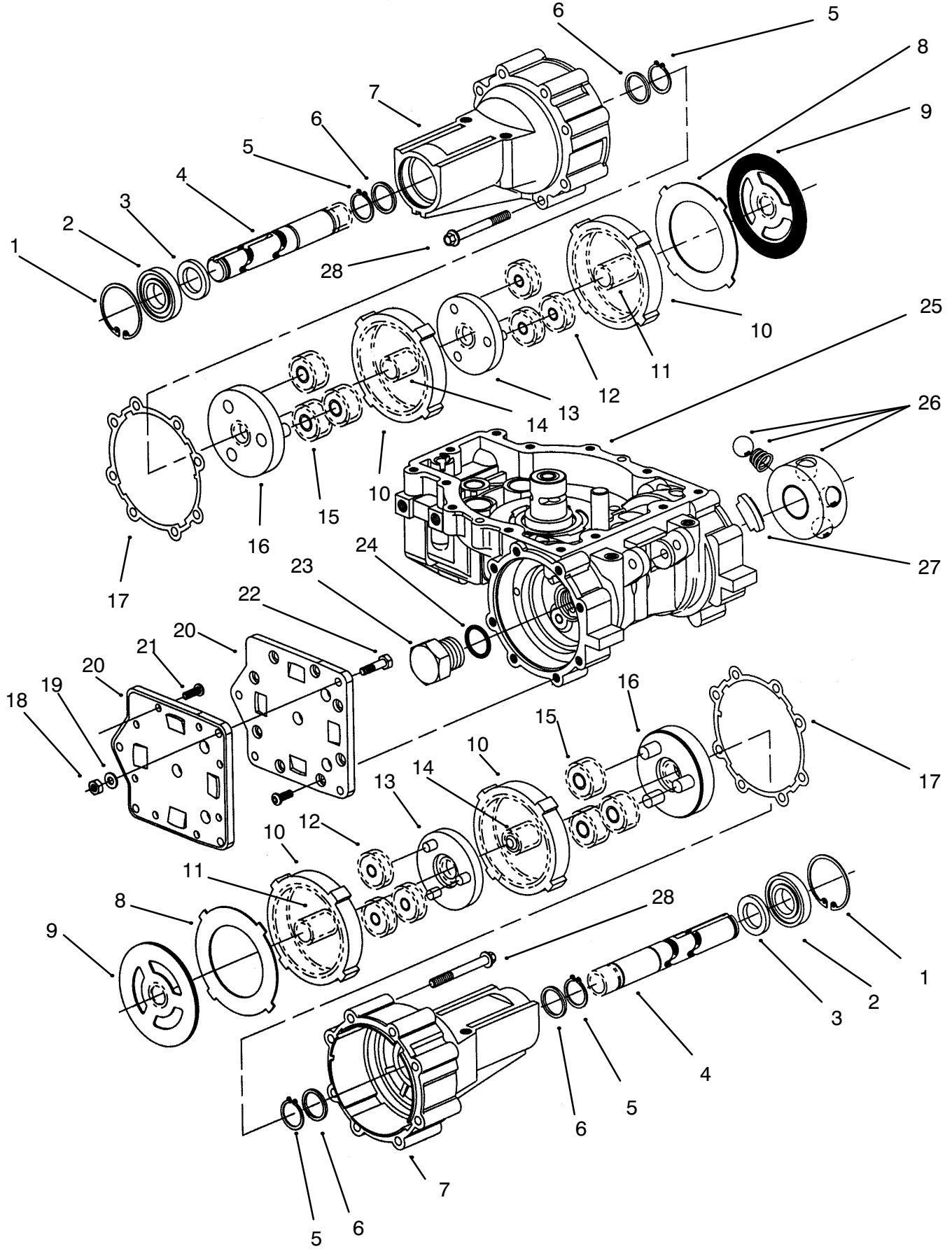


# TRANSMISSION ASSEMBLY EATON MODEL 781-016

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	88-2930	Shaft - Control	2	25	88-2390	Lever - Brake, L.H.	1
2	88-2210	Cover Assembly (Incl. Ref.# 3, 5-8)	2	26	88-2400	Screw - Hex. Hd.	1
3	88-2220	Cover	2	27	88-2410	Shaft - Brake	1
4	88-2230	Screw	26	28	88-2420	Spring - Conical,	4
5	112605	Seal - Control Shaft	2	29	88-2430	Base - Spring	2
6	112604	Seal - Input Shaft	2	30	88-2440	Ring - Retaining	6
7	88-2240	Shaft - Input	1	31	88-2450	Rod - Push	2
8	112600	Ring - Retaining	2	32	88-2460	Seal - Quad	2
9	88-2250	Plug Assembly (Incl. Ref. #10)	2	33	88-2470	Spring - Dump Valve	2
10	88-2260	Seal - "O"Ring	6	34	88-2480	Bracket - Dump Valve	2
11	88-2270	Fitting 90°	2	35	88-2490	"O"Ring - Seal	2
12	88-2280	Gasket - Cover	4	36	88-2500	Gasket - Filter	1
13	112595	Button	2	37	88-2510	Filter	2
14	88-2290	Drive - Roto Ball	2	38	88-2520	Cover - Valve	2
15	88-2300	Pump Assembly, Rotor Ball	2	39	88-2530	Screw - Hex. Hd.	11
16	88-2310	Insert	2	40	88-2940	Housing	2
17	88-2320	Ring Assembly - Cam	2	41	88-2950	Piston Assembly	4
19	88-2340	Nut - Assembly	2	42	88-2960	Seal - "O"Ring	1
20	88-2340	Motor Assembly Rotor Ball	4	43	88-2970	Seal - Cup	1
21	88-2350	Pad - Friction	4	45	88-2980	Washer	1
22	88-2360	Nut - Lock	1	46	88-2990	Plug	1
23	88-2370	Lever - Brake, R.H.	1	47	88-3000	"O"Ring - Seal	1
24	88-2380	Shim - .020	A/R	48	88-3010	"O"Ring - Seal	1
*	88-1340	Shim - .020	A/R	49	88-3020	Ring - Backup	1
				50	88-3030	Rod - Push	1

\*Not Illustrated

# TRANSMISSION ASSEMBLY EATON MODEL 781-016 (Continued)

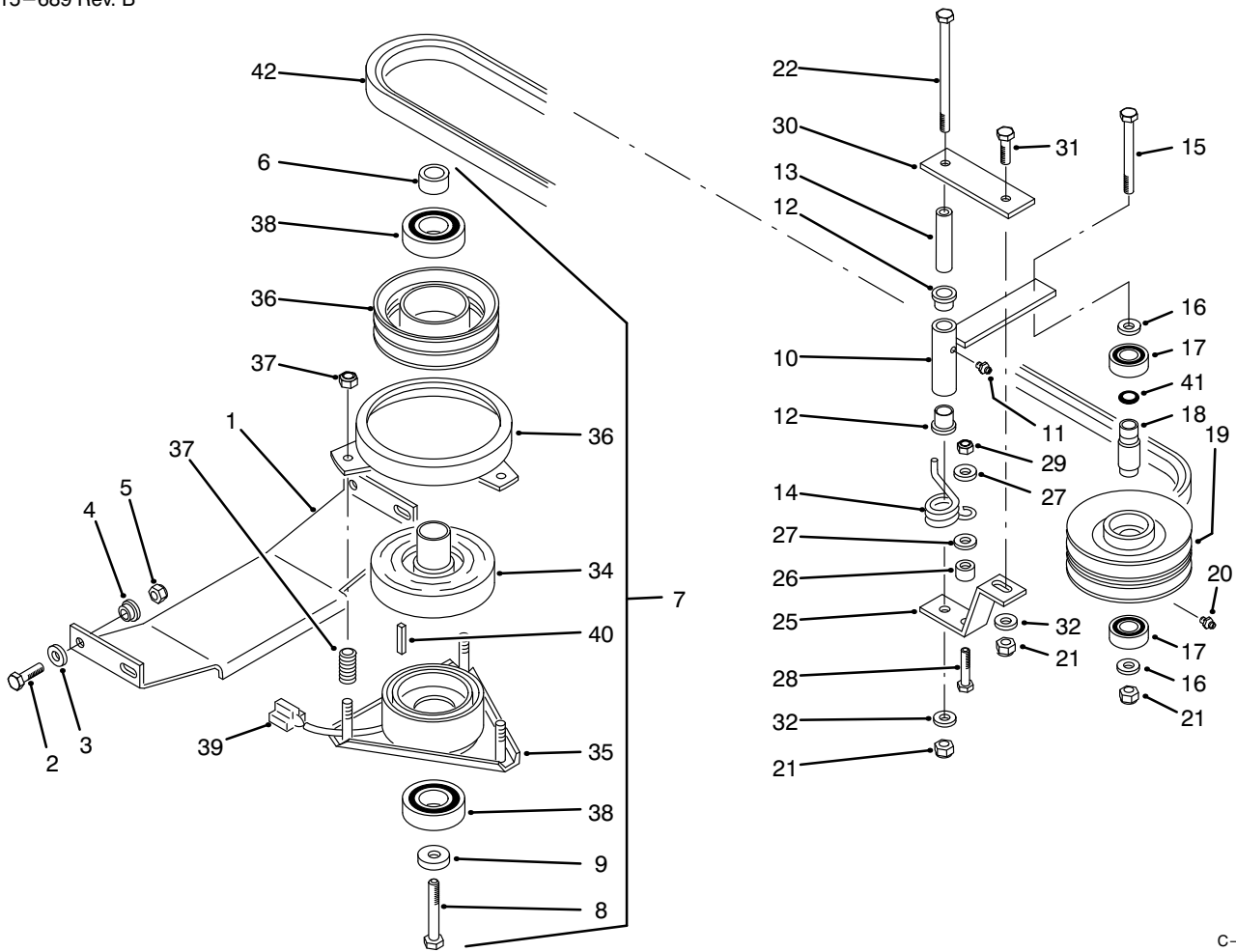


# TRANSMISSION ASSEMBLY EATON MODEL 781-016 (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	88-2560	Ring - Retaining	2	15	88-2820	Gear - Second 21 Tooth	6
2	88-2570	Bearing - Ball	2	16	88-2810	Gear - Second 15 Tooth	6
3	88-2580	Seal - Radial Lip	2	17	88-2640	Gasket - Axle Housing	2
4	88-2590	Shaft - Axle	2	18	88-3070	Nut	4
5	88-2600	Ring - Retaining	4	19	88-3080	Washer - Lock	4
6	88-2610	Washer - Thrust	4	20	88-3090	Flange	2
7	88-2620	Housing - Axle	2	21	88-3100	Screw	16
*	88-3050	Axle Housing Assembly (Incl. Ref.# 1-7)	1	22	88-3110	Screw	4
8	88-2660	Plate - Backup	2	23	88-3120	Plug	1
9	88-3060	Plate - Reaction	2	24	88-3000	"O"Ring	1
10	88-2670	Gear - Ring, 57 Tooth	4	25	88-3130	Housing Assembly	1
11	88-2680	Gear - First, 15 Tooth	2	*	88-3150	Transmission 1/2 L.H.	1
12	88-2800	Carrier Primary	2	*	88-3160	Transmission 1/2 R.H.	1
13	88-2690	Gear - Planet First 21 Tooth	6	26		Motor Assembly	
14	88-2810	Gear - Second 15 Tooth	2	27		Pad Assembly	
				28	88-2840	Screw	16

\*Not Illustrated



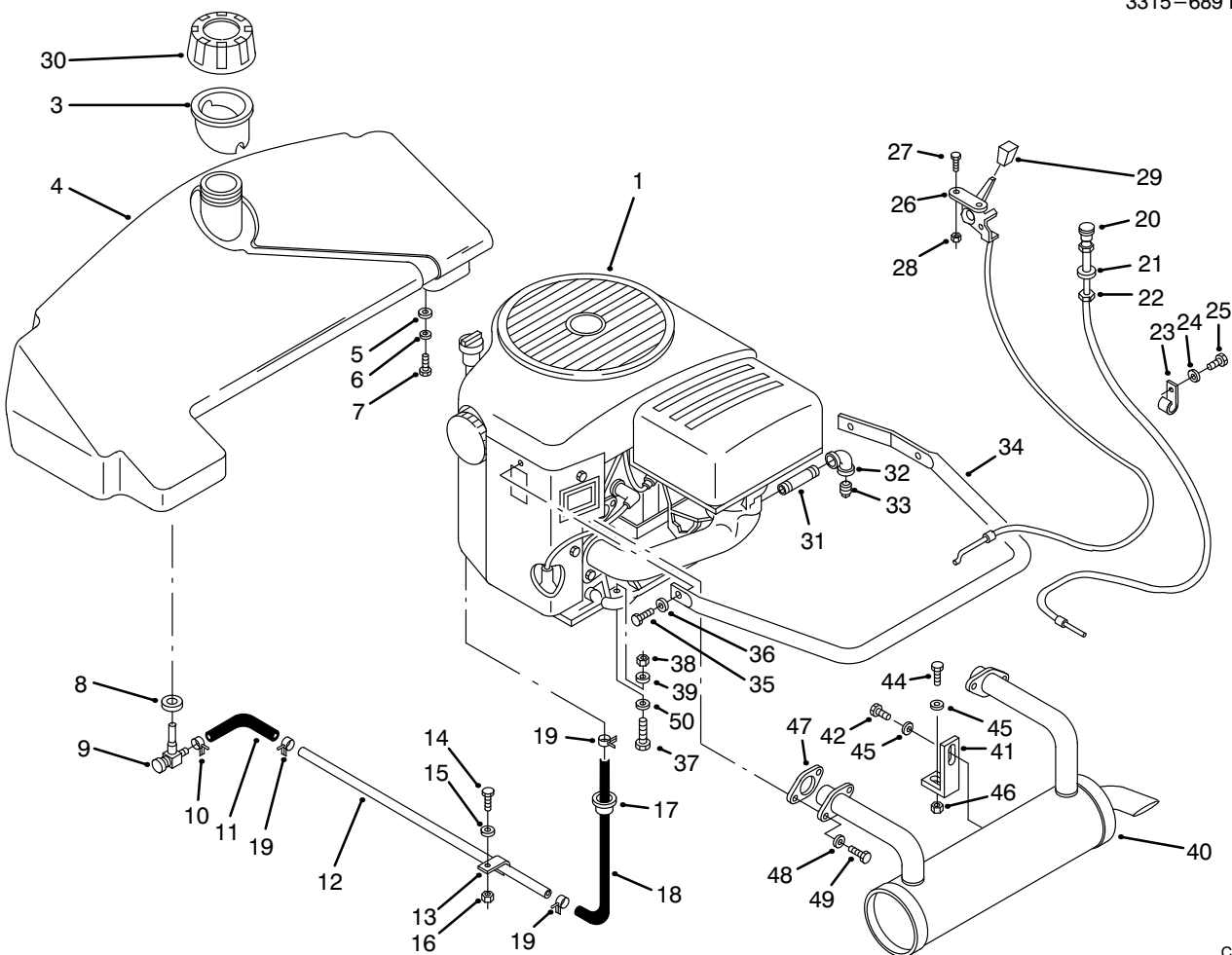


C-1241

## PTO ELECTRIC CLUTCH & DRIVE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	116422	Bracket	1
2	322-4	Bolt	4
3	3256-23	Washer	4
4	105503	Bushing	2
5	3296-29	Nut	4
6	115335	Spacer	1
7	116277	Electric Clutch Assembly (Incl. Ref. #6, 8, 9 & 34-40)	1
8	3212-11	Bolt	1
9	112843	Washer	1
10	115437	Arm - Idler	1
11	111420	Fitting - Grease	1
12	109859	Bushing	2
13	109950	Spacer	1
14	108177	Spring - Torsion	1
15	323-15	Bolt	1
16	920241	Washer - Spacer	2
17	109966	Bearing	2
18	115682	Spacer - Idler	1
19	116184	Pulley	1
20	302-5	Fitting - Grease	1

Ref. No.	Part No.	Description	No. Used
21	3296-39	Nut	1
22	323-16	Bolt	1
25	115440	Bracket - Idler	1
26	100304	Spacer	1
27	3256-3	Washer	2
28	322-7	Bolt	1
29	3296-29	Nut	1
30	116253	Plate	1
31	323-7	Bolt	1
32	3256-24	Washer	2
34	117194	Rotor	1
35	117193	Field Assembly (Incl. Ref. #38)	1
36	117195	Armature & Pulley Assembly (Incl. Ref. #38)	1
37	113823	Spring and Nuts	1
38	114064	Bearing	2
39	110459	Connector	1
40	105453	Key	1
41	971015	"O"Ring	1
42	116183	"V" Belt	1

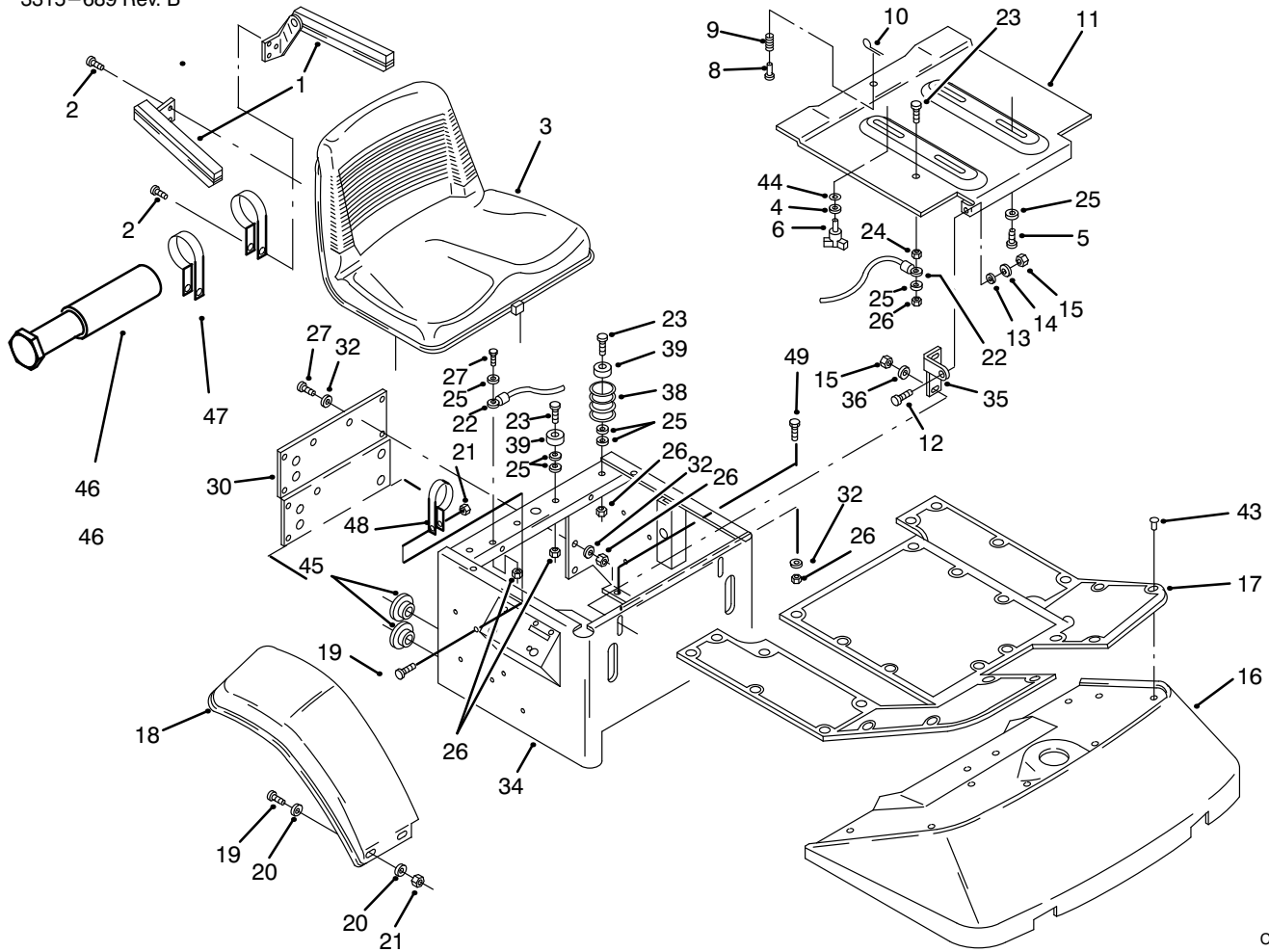


C-1250

## ENGINE & FUEL SYSTEM ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	79-5230	Engine - 16HP Model P216V - I/11103-D	1	25	908001	Bolt	2
*	79-5240	Engine - 20HP Model P220V - I/11104-D	1	26	78-2790	Control - Throttle	1
3	115741	Funnel - Tank	1	27	3250-14	Screw	2
4	116363	Valve Assy - Fuel Tank	1	28	3296-2	Nut	2
5	920038	Washer	4	29	116454	Knob	1
6	920082	Washer - Lock	4	30	55-3570	Cap - Tank	1
7	908016	Bolt	4	31	116159	Nipple	1
8	104047	Bushing	1	32	114764	Elbow	1
9	104048	Valve Assy - Fuel	1	33	943420	Plug - Pipe	1
10	2412-98	Clamp	2	34	116708	Guard - Air Cleaner	1
11	47-2966	Hose 5"	1	35	3256-22	Bolt	3
12	115780	Tube - Fuel	1	36	920081	Washer - Lock	3
13	111392	"J" Clip	3	37	908021	Bolt	4
14	908017	Bolt	3	38	3296-29	Nut	4
15	3256-23	Washer	3	39	3256-23	Washer	3
16	3296-29	Nut	3	40	116030	Muffler	1
17	938031	Bushing	2	41	116029	Bracket - Muffler	1
18	47-2968	Hose - 18" Fuel	1	42	322-1	Bolt	1
19	117412	Clamp - Hose	2	43	3256-23	Washer	1
20	116289	Control - Choke	1	44	322-1	Bolt	1
21	3256-46	Washer	1	45	3256-23	Washer	1
22	109530	Nut - Pal	1	46	3296-29	Nut	1
23	8830	Clip	2	47	57-9210	Gasket - Exhaust	2
24	920081	Washer - Lock	2	48	920082	Washer - Lock	4
				49	3274-10	Bolt	4
				50	116531	Washer	2

\*Not Illustrated



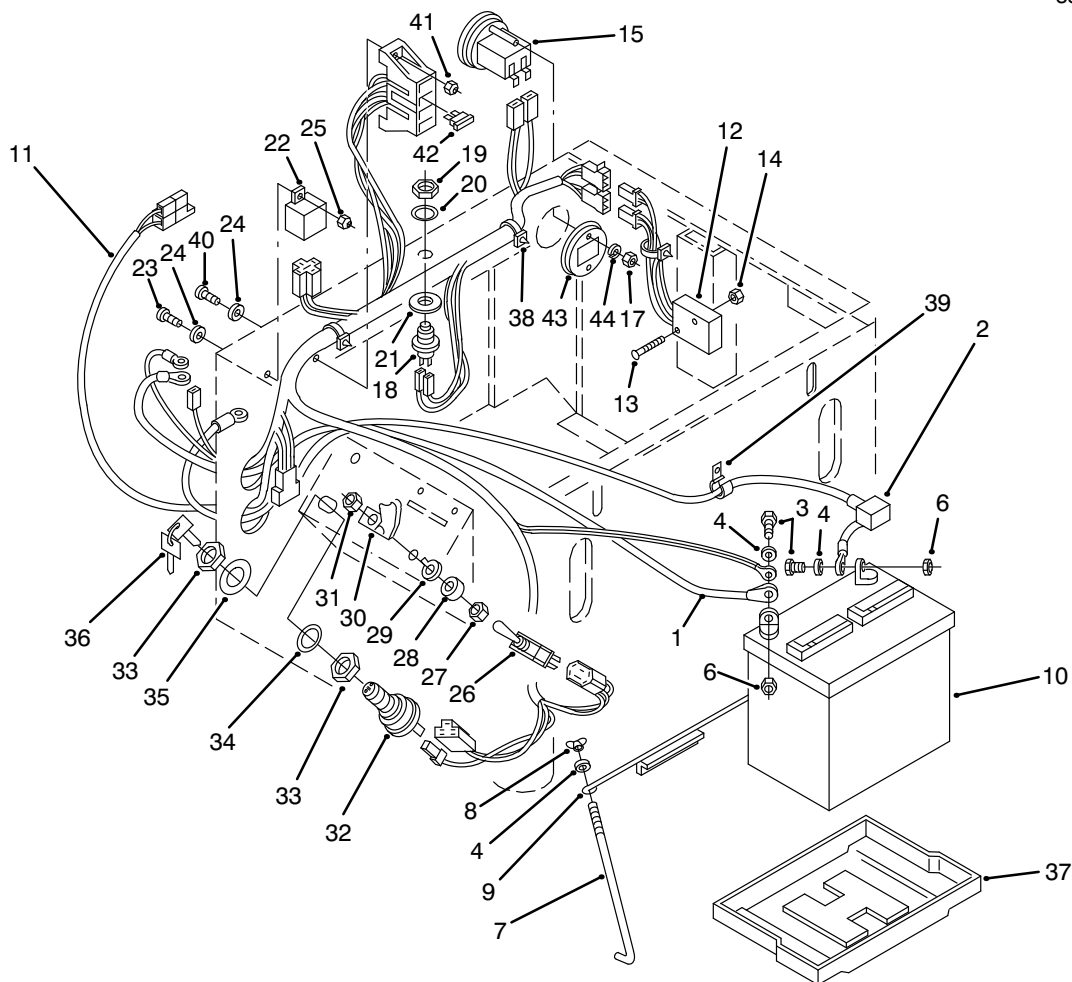
C-1249

## FENDERS, FLOOR PAN & SEAT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	88-3230	Kit - Armrest	1
2	908017	Bolt	6
3	88-3220	Seat 620-Z	1
*	88-3210	Seat 616-Z	1
4	3256-23	Washer	2
5	108686	Bolt	2
6	116819	Knob	2
8	106449	Pin	1
9	116195	Spring	1
10	3272-6	Pin - Cotter	1
11	116504	Plate - Pivot	1
12	3231-25	Bolt - Carriage	2
13	104525	Spacer	2
14	3256-24	Washer	2
15	3296-39	Nut	6
16	118940	Pan - Floor	1
17	116455	Mat - Black	1
18	116064	Fender - RH	1
*	116065	Fender - LH	1
19	321-4	Bolt	13
20	3256-22	Washer	24
21	3296-42	Nut	13
22	115850	Cable	1

Ref. No.	Part No.	Description	No. Used
23	322-5	Bolt	5
24	3217-6	Nut	1
25	3256-3	Washer	14
26	3296-29	Nut	16
27	322-3	Bolt	9
30	79-2290	Cover	1
32	3256-23	Washer	10
34	79-5960	Support - Seat	1
35	116572	Bracket - Seat Pivot, RH	1
*	116573	Bracket - Seat Pivot, LH	1
36	3256-4	Washer	4
38	114268	Spring - 620-Z	2
*	114496	Spring - 620-Z (Nylon)	2
*	114269	Spring - 616-Z	2
*	114497	Spring - 616-Z (Nylon)	2
39	108889	Bumper	4
43	116456	Rivet - Carpet Plastic	28
44	78-2740	Washer - Lock	2
45	938037	Bushing	2
46	74-0720	Tube - Manual	1
47	2412-133	Clamp - Tube	2
48	2412-104	Clamp	1
49	3234-5	Screw	6

\*Not Illustrated



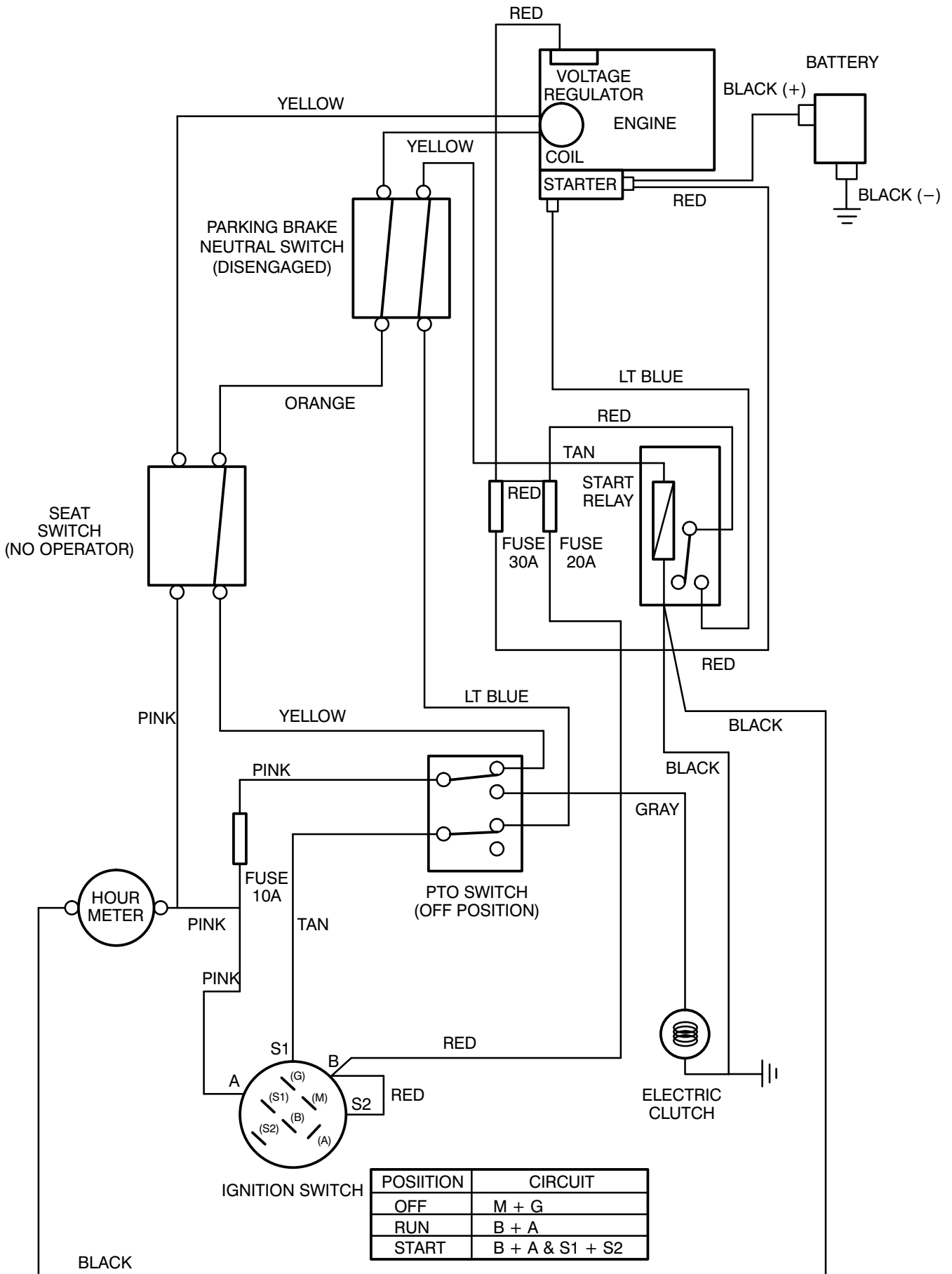
C-1251

## ELECTRICAL SYSTEM ASSEMBLY

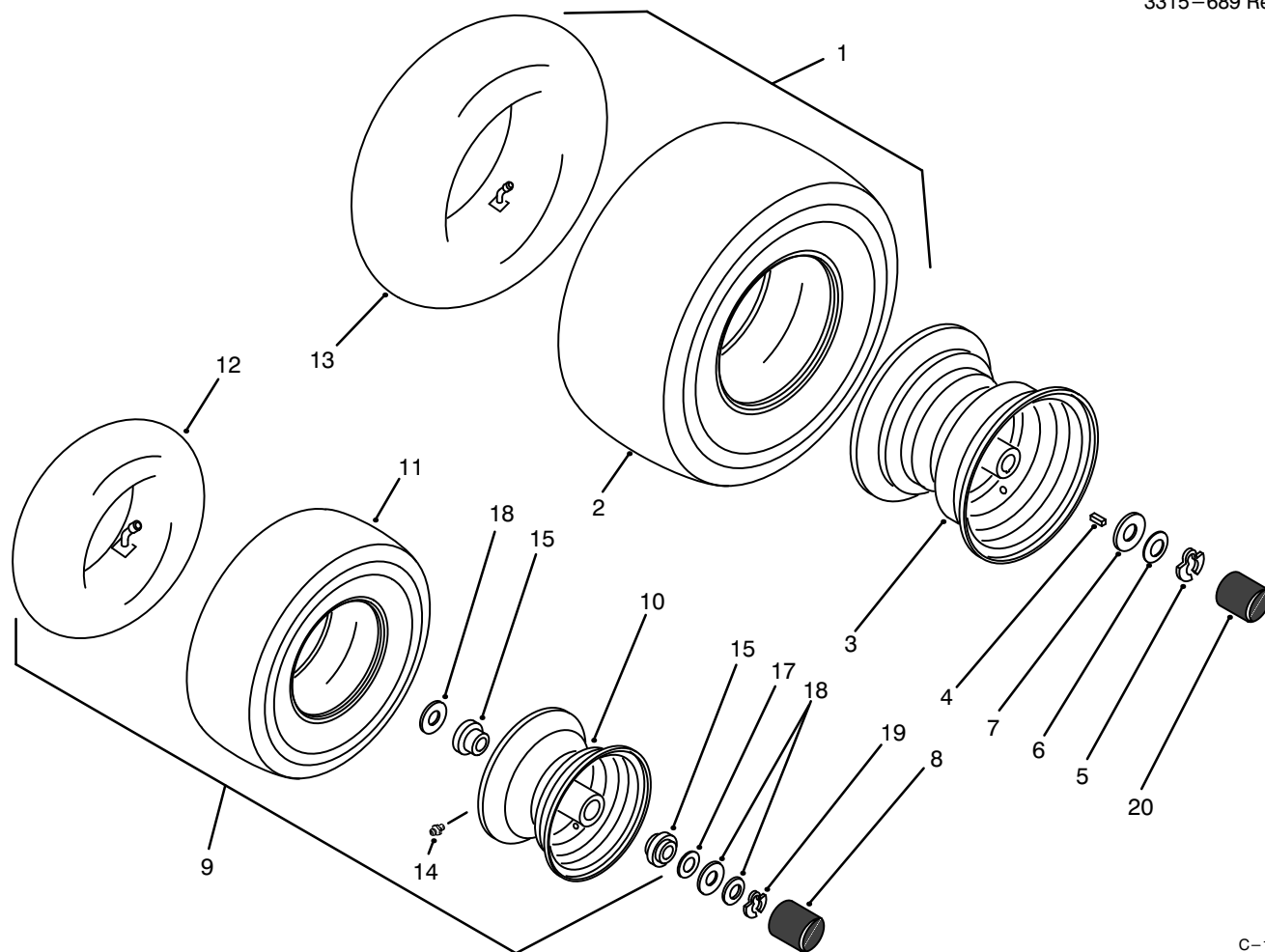
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	111075	Cable	2	25	3296-2	Nut	1
2	109553	Boot	1	26	116716	Switch - PTO	1
3	321-4	Bolt	2	27	105805	Nut - Special	1
4	3256-22	Washer	4	28	920242	Spacer	1
6	3296-42	Nut	2	29	102950	Washer - Tab	1
7	113969	Hook	2	30	113050	Cover - PTO Switch	1
8	32103-22	Nut - Wing	2	31	113179	Nut - Face	1
9	113010	Down - Hold	1	32	117292	Switch - Ignition	1
10	115877	Battery - 280 CCA	1	33	116154	Nut	2
11	78-5840	Harness - Wiring	1	34	920163	Washer - Lock ITLW	1
12	116237	Switch - Neutral	1	35	920273	Washer - Special	1
13	3250-23	Screw - Machine	2	36	117048	Key - Ignition (Set of 2)	1
14	3296-2	Nut	2	37	106948	Tray - Battery	1
15	78-0020	Hourmeter - Assembly Incl. Ref. #17, 43 & 44)	1	38	115860	Clip - Snap Int.	X
17	3217-27	Nut - Hex.	2	*	115858	Clip - Snap Int.	X
18	116194	Switch - Seat	1	39	111392	"J"Clip	1
19	116238	Nut	1	40	910794	Screw	2
20	920160	Washer - Lock	1	41	3296-2	Nut	2
21	3256-27	Washer	1	42	114594	Fuse 10 AMP	1
22	116397	Relay	1	*	109101	Fuse 20 AMP	1
23	910794	Screw	1	*	NN10277	Fuse 30 AMP	1
24	3256-14	Washer	1	43	78-3320	Clamp - Hourmeter	1
				44	3253-15	Washer - Lock	2

\*Not Illustrated

# WIRING DIAGRAM



POSITION	CIRCUIT
OFF	M + G
RUN	B + A
START	B + A & S1 + S2

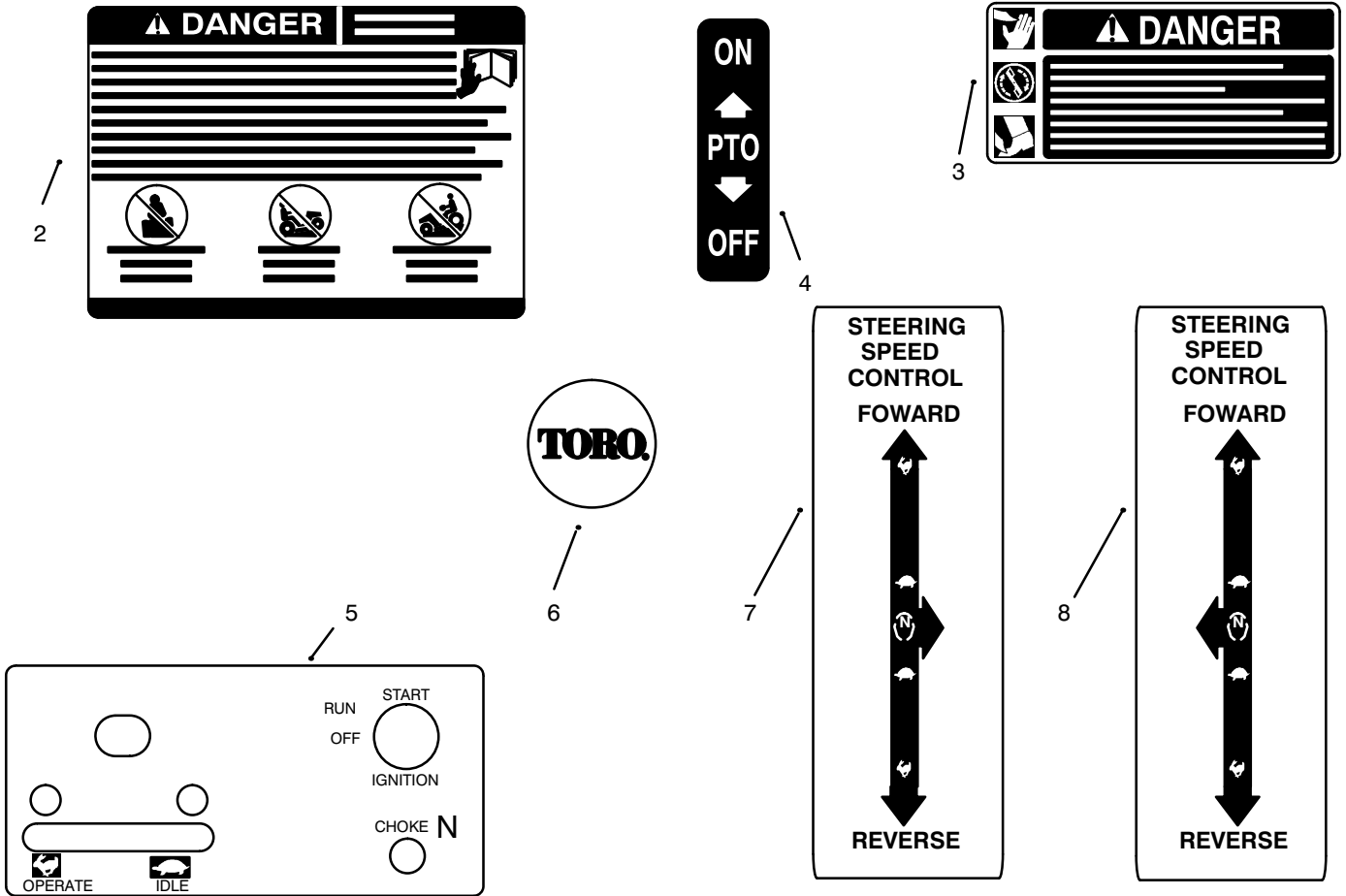


C-1240

## WHEELS & TIRES ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	117280	Rear Wheel Assembly 18 x 9.50 x 8 (Incl. Ref. #2, 3, & 13)	2	10	117278	Front Wheel Assembly (Incl. Ref. #14 & 15)	2
2	116880	Tire - Rear 18 x 9.50-8	2	11	117391	Tire - Front 11 x 4.00-5	2
3	117281	Wheel - Rear	2	12	107963	Tube - Front Tire	2
4	2590	Key	2	13	106396	Tube - Rear Tire	2
5	32151-91	Ring - Retaining	2	14	109500	Fitting - Grease	2
6	920252	Washer	2	15	110513	Bearing - Front Wheel	4
7	920251	Washer	2	17	5210	Washer	4
8	109154	Cap - Hub, Front	2	18	78-7410	Washer	4
9	117276	Front Wheel Assembly 11 x 4.00-5 (Incl. Ref. #10-12, 14 & 15)	2	19	115882	Ring - Klip	2
				20	111951	Cap - Hub Rear	2
				*	5108	Stem - Valve (For Tubless Tires)	2

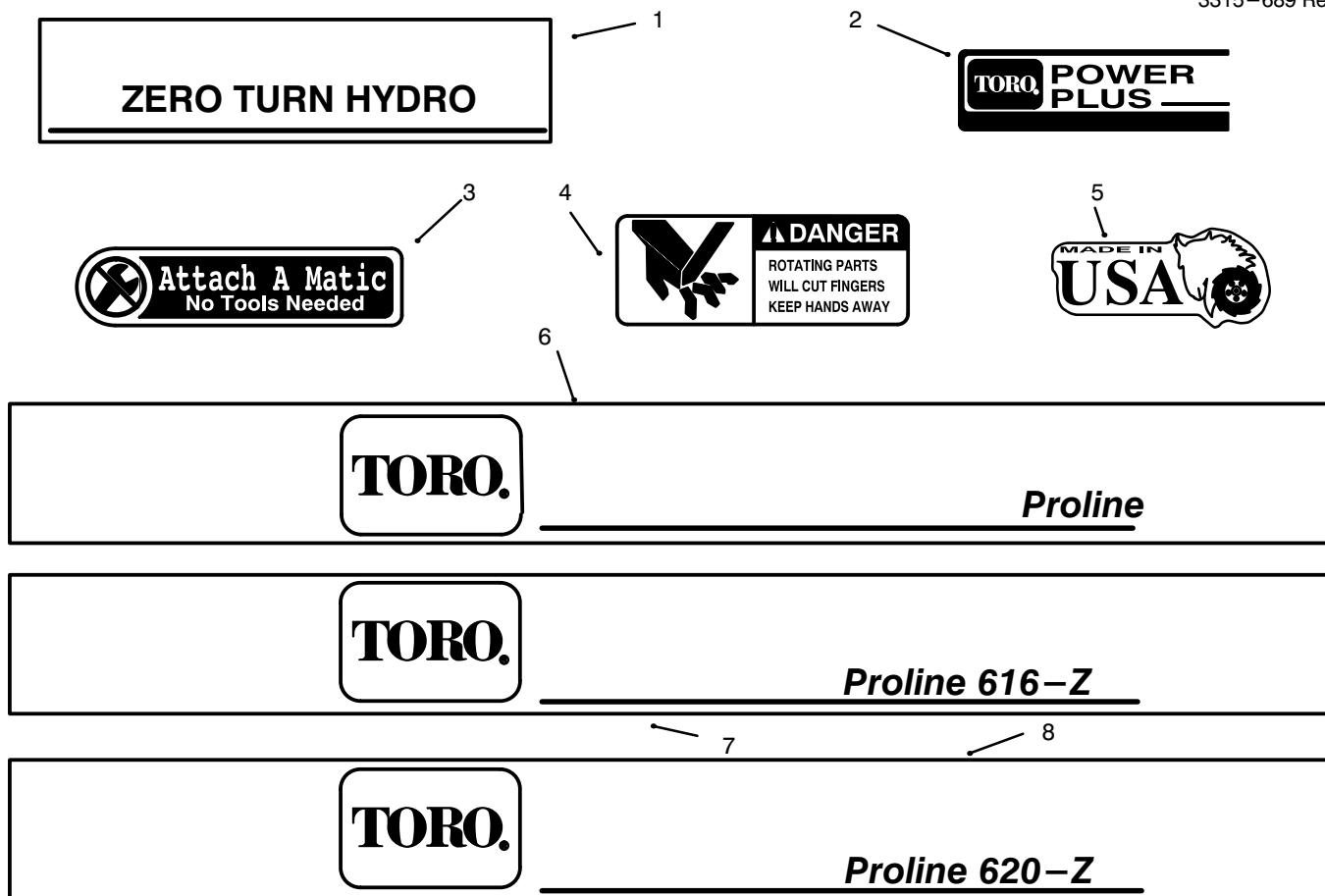
\*Not Illustrated



### DECALS

Ref. No.	Part No.	Description	No. Used
2	92-2504	Decal - Danger	1
3	92-2500	Decal - Danger	1
4	112845	Decal - PTO Clutch	1
5	78-2850	Decal - Control	1
6	118530	Nameplate - Toro	1

Ref. No.	Part No.	Description	No. Used
7	92-4951	Decal - Steering Speed Control L.H.	1
8	92-4952	Decal - Steering Speed Control R.H.	1



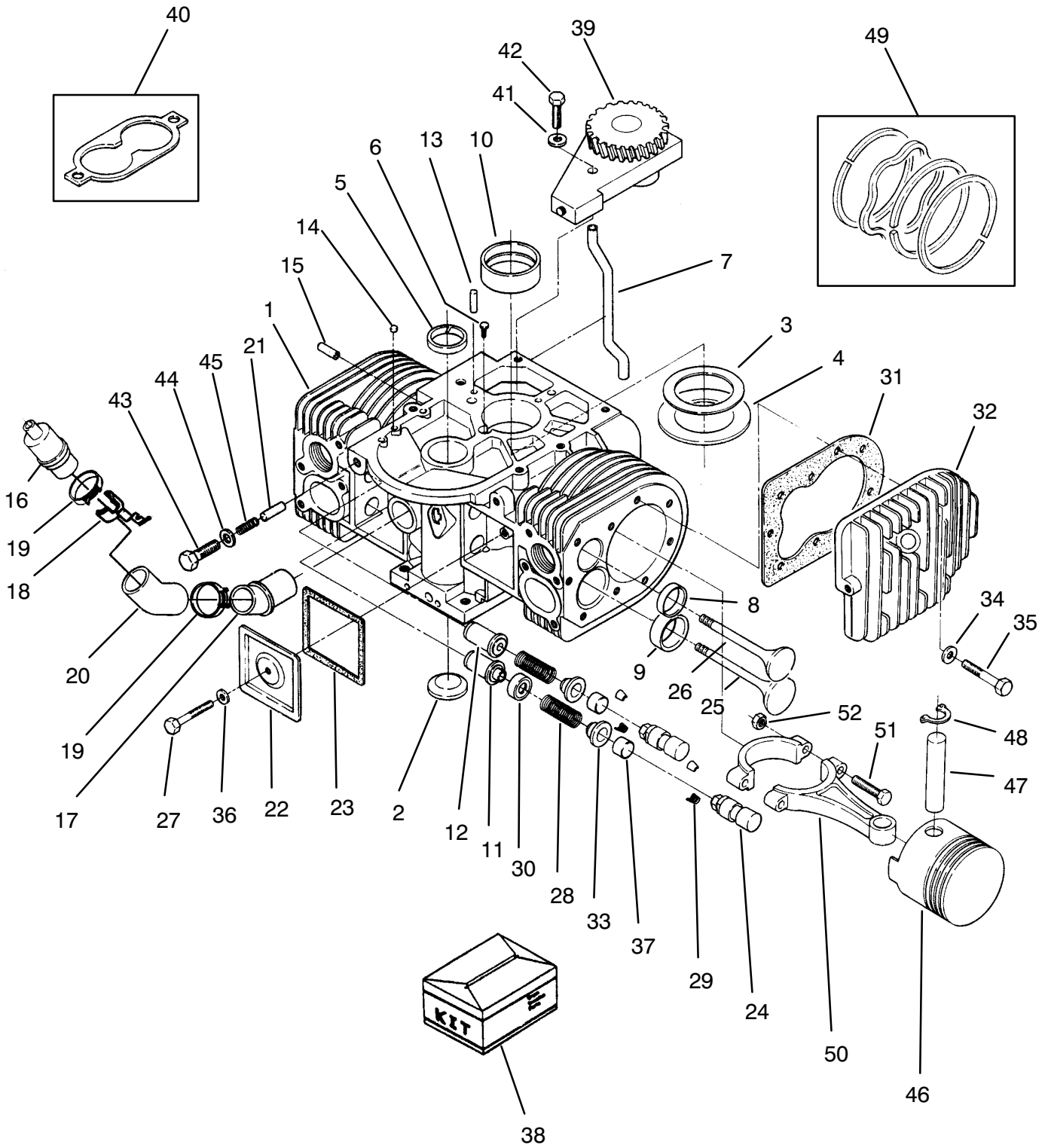
### DECALS (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	92-1784	Decal - Zero Turn	1	6	92-2510	Decal - Rear	1
2	119050	Decal - Power Plus 616-Z	1	5		Decal - Made in U.S.A.	1
*	78-7400	Decal - Power Plus 620-Z	1	7	92-2507	Decal - Toro 616-Z	1
3	115197	Decal - Attach-A-Matic	2	8	92-2508	Decal - Toro 620-Z	1
4	88-2790	Decal - Danger	1				

\*Not Illustrated



# ENGINE CYLINDER BLOCK ASSEMBLY



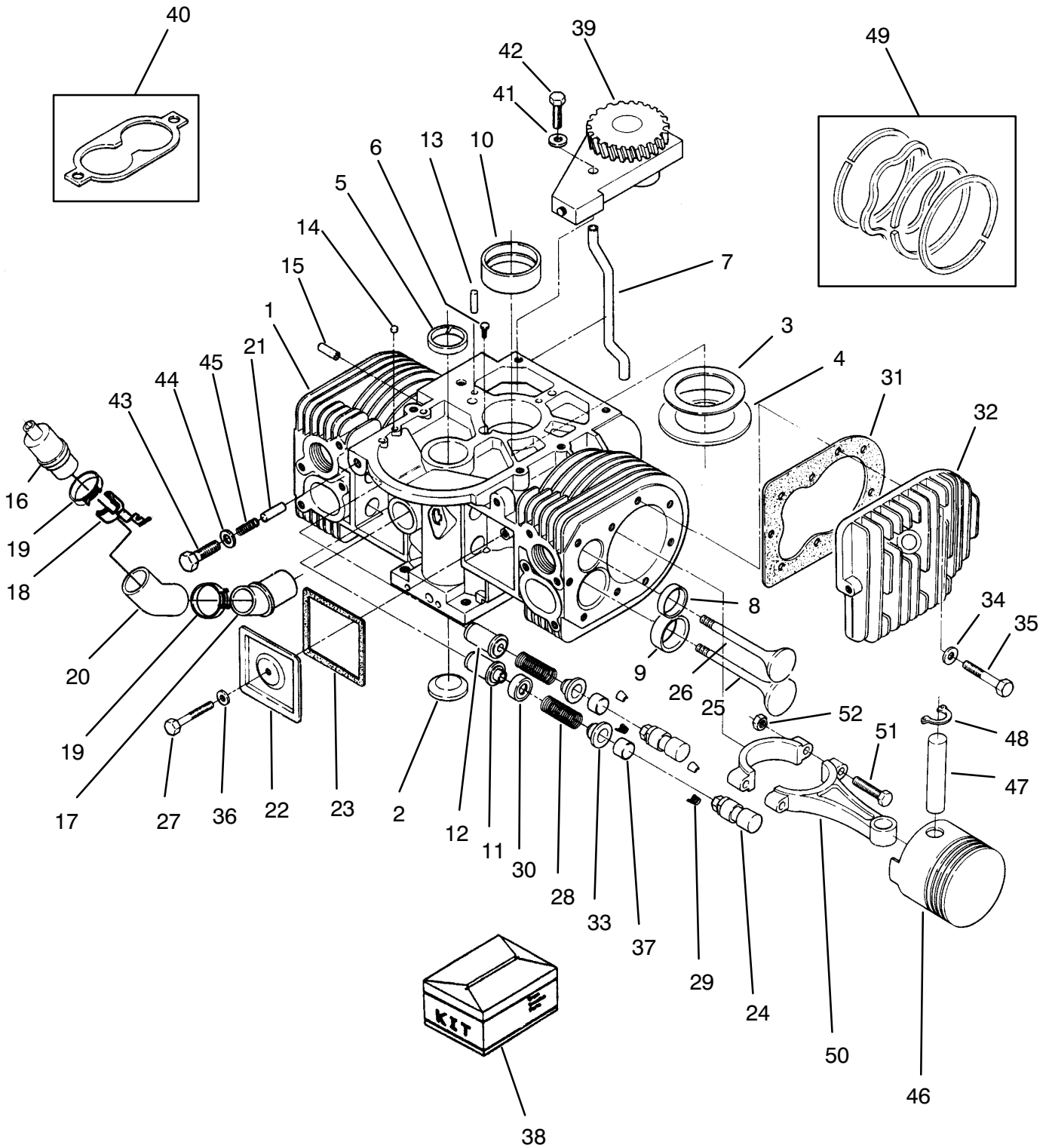
# ENGINE CYLINDER BLOCK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	NN10766	Block – Short 16HP	1
	92-0951	Block – Short 20HP	1
2	NN10536	Plug	1
3	51-8170	Shim 0.005"	AR
4	57-8160	Washer	2
5	57-8000	Bearing – Camshaft	2
6	NN10334	Pin – Stop	2
7	59-0290	Tube – Oil	1
8	NN10054	Insert – Exhaust Seat, Std	2
*	NN10055	Insert – Exhaust Seat .002" Oversize	2
*	NN10056	Insert – Exhaust Seat .005" Oversize	2
*	NN10057	Insert – Exhaust Seat .010" Oversize	2
*	NN10058	Insert – Exhaust Seat .025" Oversize	2
9	79-6230	Insert – Intake Seat, Std	2
*	79-6240	Insert – Intake Seat .002" Oversize	2
*	79-6250	Insert – Intake Seat .005" Oversize	2
*	79-6260	Insert – Intake Seat .010" Oversize	2
*	79-6270	Insert – Intake Seat .025" Oversize	2
10	57-8032	Bearing – Up Crankshaft Std	1
*	NN1004	Bearing – Up Crankshaft .002" Under	1
*	57-8030	Bearing – Up Crankshaft .010" Under	1
*	57-9800	Bearing – Up Crankshaft .020" Under	1
*	NN10007	Bearing – Up Crankshaft .030" Under	1
11	NN10478	Guide – Intake Valve	2
12	NN10479	Guide – Exhaust Valve	2
13	NN10336	Pin	2
14	59-0760	Plug	1
15	59-0360	Tube – Vacuum	1
16	NN10489	Tube – Breather	1
17	NN10494	Adapter – Breather	1

Ref. No.	Part No.	Description	No. Used
18	NN10495	Bracket	1
19	NN10525	Clamp – Hose	2
20	NN10529	Hose	1
21	NN10535	Plug	1
22	NN10481	Cover – Valve	2
23	57-8260	Gasket	2
24	57-8450	Tappet – Std	4
*	NN10130	Tappet – .002" Oversize	4
*	NN10131	Tappet – .005" Oversize	4
25	NN10075	Valve – Intake	2
26	NN10076	Valve – Exhaust	2
27	NN10370	Bolt	2
28	NN10077	Spring – Valve	4
29	NN10082	Lock	8
30	NN10326	Seal	2
31	57-8330	Gasket	2
32	NN10079	Head – Left Cylinder	1
*	NN10080	Head – Right Cylinder	1
33	NN10078	Retainer – Spring	4
34	57-9770	Washer	18
35	NN10381	Bolt	18
36	57-9740	Washer – Copper	2
37	NN10081	Cap – Valve	4
38	71-6290	Kit – Engine Gasket	1
*	57-9370	Kit – Valve Grind Gasket	1
39	NN10560	Pump – Oil	1
40	NN10561	Kit – Oil Pump Gasket	1
41	NN10542	Washer	2
42	NN10369	Bolt	2
43	59-0910	Bolt	1
44	57-9760	Washer – Copper	1
45	59-0280	Spring	1
46	92-0901	Set – Piston Pin & Retaining Rings (STD)	2
*	92-0902	Set – Piston Pin & Retaining Rings .010"	2
*	92-0903	Set – Piston Pin & Retaining Rings .020"	2
*	92-0904	Set – Piston Pin & Retaining Rings .030"	2
47	NN10100	Pin – Piston	2
48	57-9720	Ring – Retaining	4

\*Not Illustrated

# ENGINE CYLINDER BLOCK ASSEMBLY (Continued)



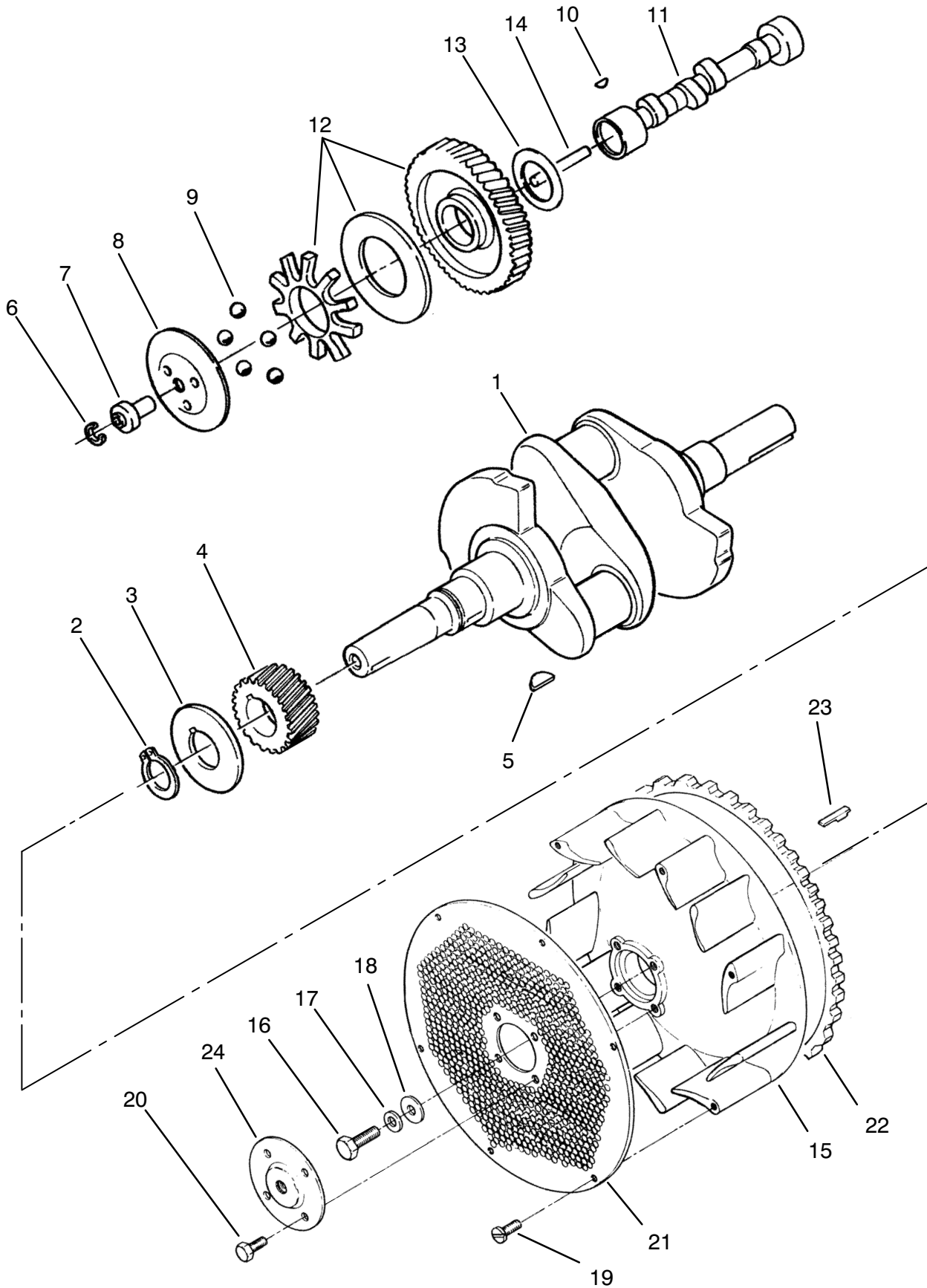
# ENGINE CYLINDER BLOCK ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
49	92-0905	Set - Piston Ring, Std.	2
	92-0906	Set - Piston Ring .005" O.S.	2
	92-0907	Set - Piston Ring .010" O.S.	2
	92-0908	Set - Piston Ring .020" O.S.	2
	92-0909	Set - Piston Ring .030" O.S.	2
50	NN10125	Nuts - Rod w/Bolts Std 616-Z	2
*	NN10126	Rod - w/Bolts & Nuts .010" Undersize, 616-Z	2
*	NN10127	Rod - w/Bolts & Nuts .020" Undersize, 616-Z	2
*	NN10128	Rod - w/Bolts & Nuts .030" Undersize, 616-Z	2

Ref. No.	Part No.	Description	No. Used
*	57-8420	Rod - w/Bolts & Nuts Std 620-Z	2
*	57-8430	Rod - w/Bolts & Nuts .010" Undersize	2
*	57-8440	Rod - w/Bolts & Nuts .020" Undersize	2
*	NN10124	Rod - w/Bolts & Nuts .030" Undersize	2
51	57-8410	Bolt - Rod	4
52	57-9790	Nut - Rod	2

\*Not Illustrated

# CRANKSHAFT, CAMSHAFT & FLYWHEEL ASSEMBLY



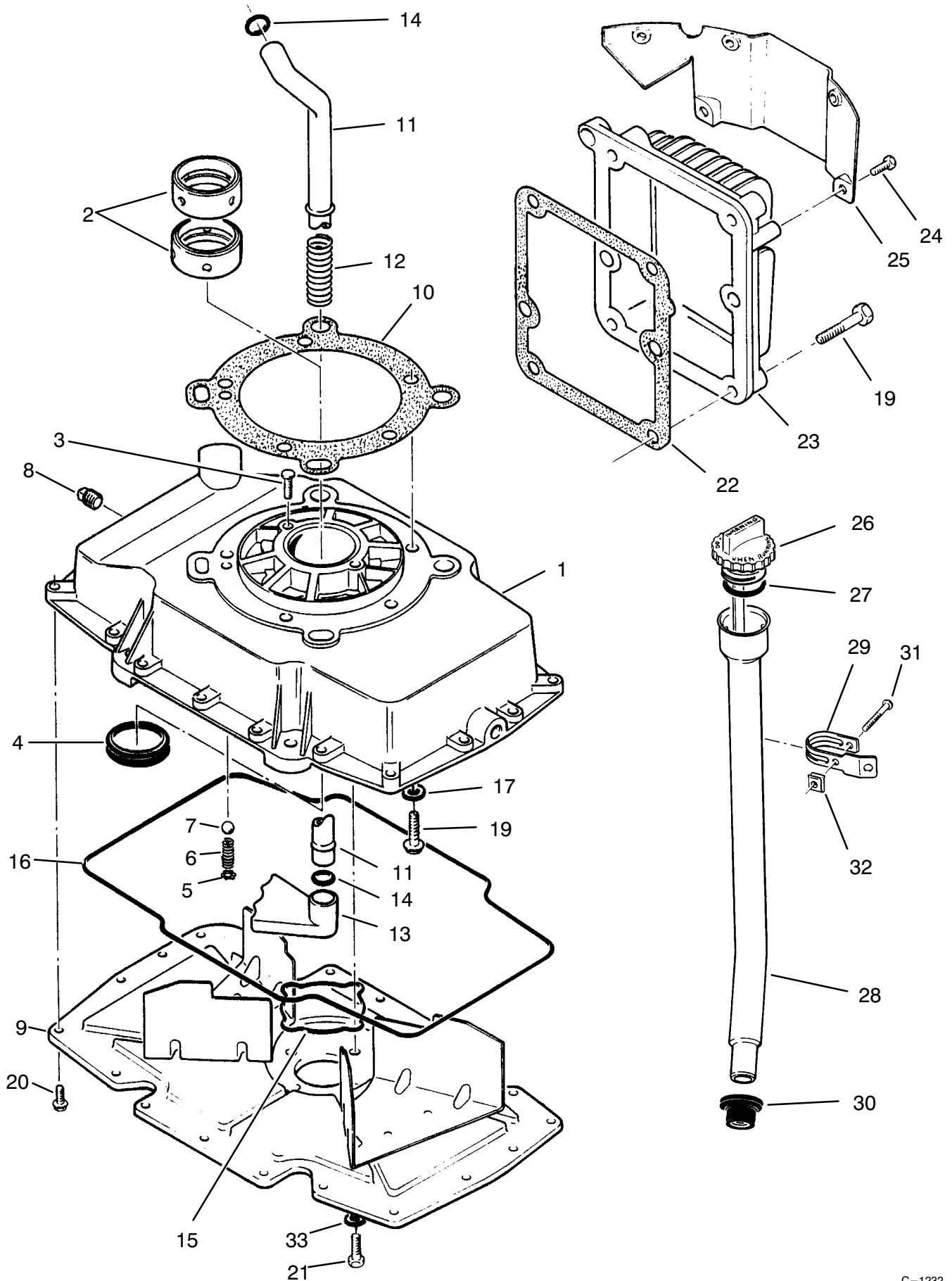
**CRANKSHAFT, CAMSHAFT & FLYWHEEL ASSEMBLY**

Ref. No.	Part No.	Description	No. Used
1	NN10477	Crankshaft – 616-Z	1
*	NN10917	Crankshaft – 620-Z	1
2	57-9710	Ring – Retaining	1
3	57-8140	Washer – Special	1
4	57-8130	Gear – Crankshaft	1
5	57-9660	Key – Gear	1
6	57-9090	Ring – Retaining	1
7	57-9130	Hub – Governor Cup	1
8	59-0450	Cup – Governor	1
9	57-9640	Ball – Governor	5
10	57-9660	Key – Woodruff	1
11	NN10032	Camshaft – w/Center Pin 616-Z	1
*	NN10033	Camshaft – w/Center Pin 620-Z	1

Ref. No.	Part No.	Description	No. Used
12	57-8210	Gear – Camshaft w/Spacer and Plate	1
13	57-8230	Washer – Special Thrust	1
14	59-0400	Pin – Center	1
15	NN10171	Flywheel – w/Ring Gear	1
16	57-8150	Screw – Special Cap	1
17	NN10541	Washer	1
18	59-0810	Washer	1
19	NN10409	Bolt	6
20	59-1120	Bolt	4
21	79-6440	Screen – Air Inlet	1
22	57-8180	Gear – Ring	1
23	NN10332	Key – Flywheel	1
24	NN10524	Bracket	1

\*Not Illustrated

# OIL BASE & FILL TUBE ASSEMBLY



# OIL BASE & FILL TUBE ASSEMBLY

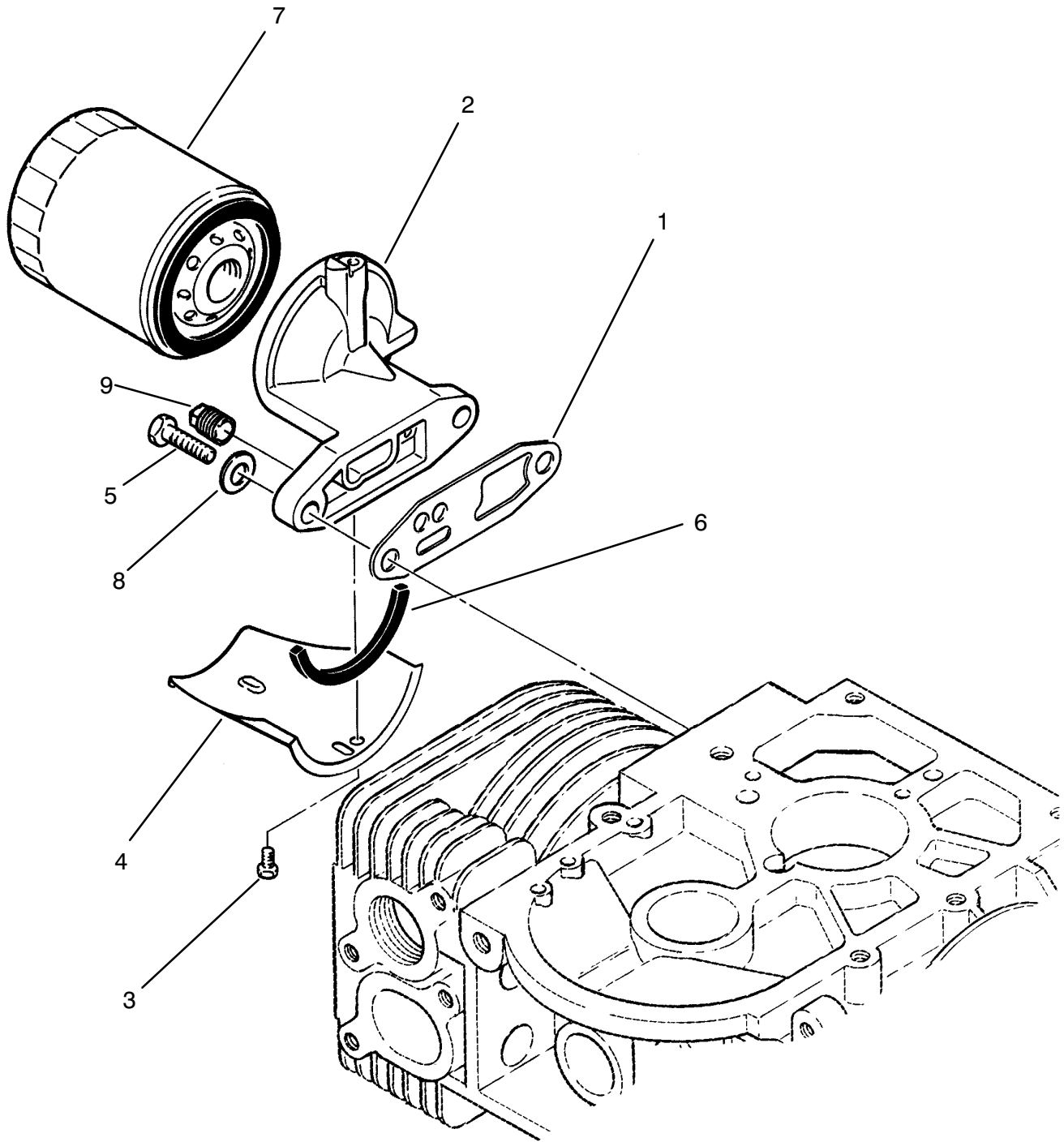
Ref. No.	Part No.	Description	No. Used
1	NN10867	Base – Oil (Incl. Ref. #2-7)	1
2	57-8050	Bearing – Low Crankshaft, Std.	2
	NN10010	Bearing – Low Crankshaft .002" Undersize	2
	57-8060	Bearing – Low Crankshaft .010" Undersize	2
*	NN10012	Bearing – Low Crankshaft .020" Undersize	2
*	NN10013	Bearing – Low Crankshaft .030" Undersize	2
3	NN10334	Screw	2
4	NN10530	Seal – Oil	1
5	NN10539	Ring – Retaining	1
6	59-0280	Spring	1
7	NN10534	Bearing – Ball	1
8	NN10682	Plug	3
9	NN10475	Cover	1
10	NN10474	Gasket	1
11	NN10482	Tube – Pickup	1
12	NN10483	Spring – Pickup	1

Ref. No.	Part No.	Description	No. Used
13	NN10485	Cup – Pickup	1
14	NN10531	"O"Ring	2
15	NN10532	Seal – Inner	1
16	NN10533	Seal – Outer	1
17	NN10540	Washer	5
19	NN10546	Screw	9
20	59-0980	Screw	19
21	32104-32	Screw	4
22	NN10468	Gasket	1
23	NN10480	Cooler – Oil	1
24	59-0970	Screw	2
25	NN10498	Baffle	1
26	NN10490	Indicator – Oil Level (Incl. Ref. #27)	1
27	57-9610	"O"Ring	1
28	NN10491	Tube	1
29	NN10492	Bracket	1
30	NN10325	Seal	1
31	NN10407	Screw	1
32	NN10431	Nut – Speed	1
33	59-0860	Washer	4

\*Not Illustrated



# OIL FILTER ASSEMBLY

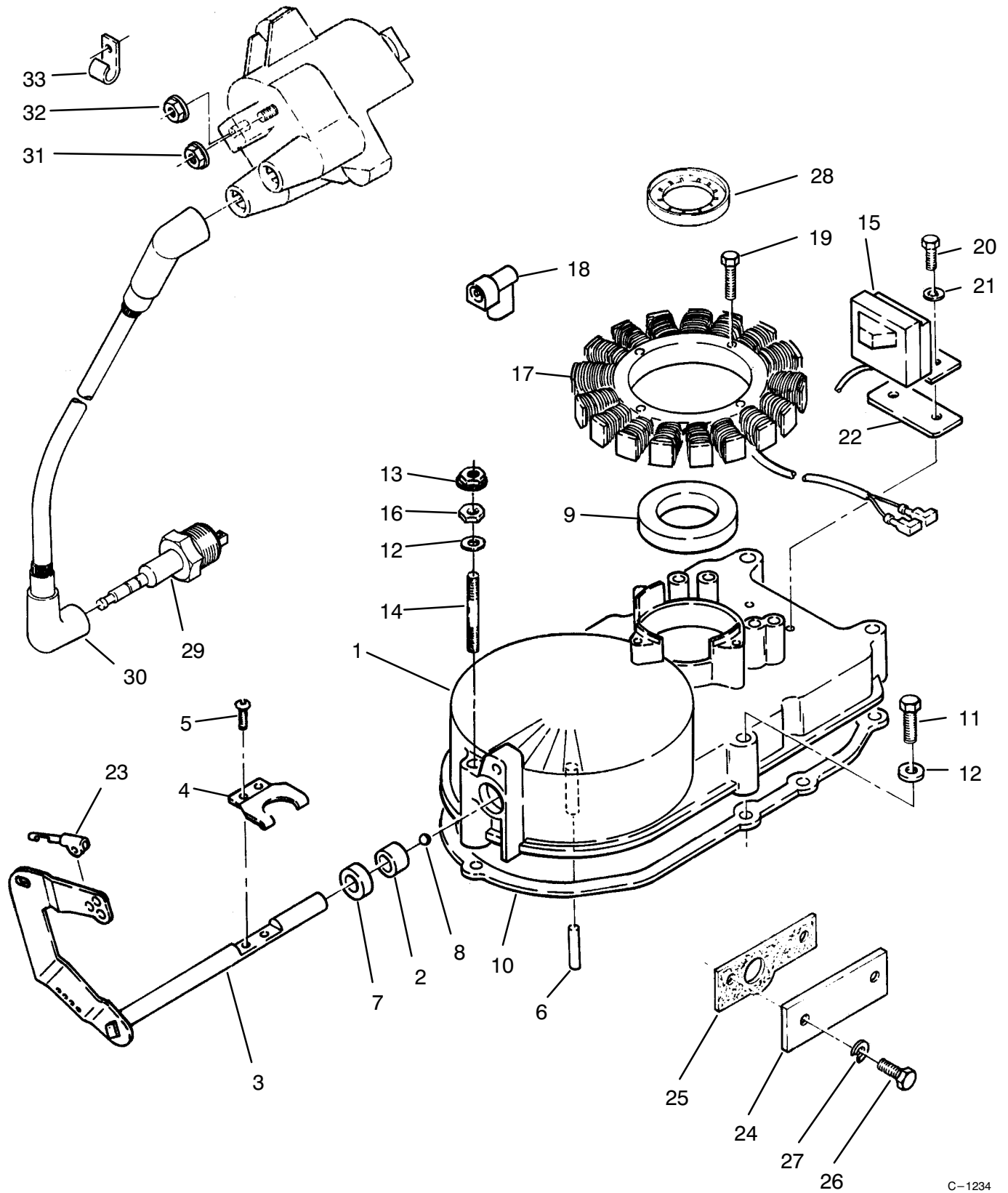


# OIL FILTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	NN10563	Gasket	1
2	NN10141	Adapter	1
3	NN10391	Bolt	1
4	NN10487	Drain – Oil	1
5	NN10373	Bolt	2

Ref. No.	Part No.	Description	No. Used
6	NN10488	Seal	1
7	NN10143	Filter – Oil	2
8	57-9750	Washer	2
9	NN10798	Plug	1

# GEARCASE & IGNITION ASSEMBLY



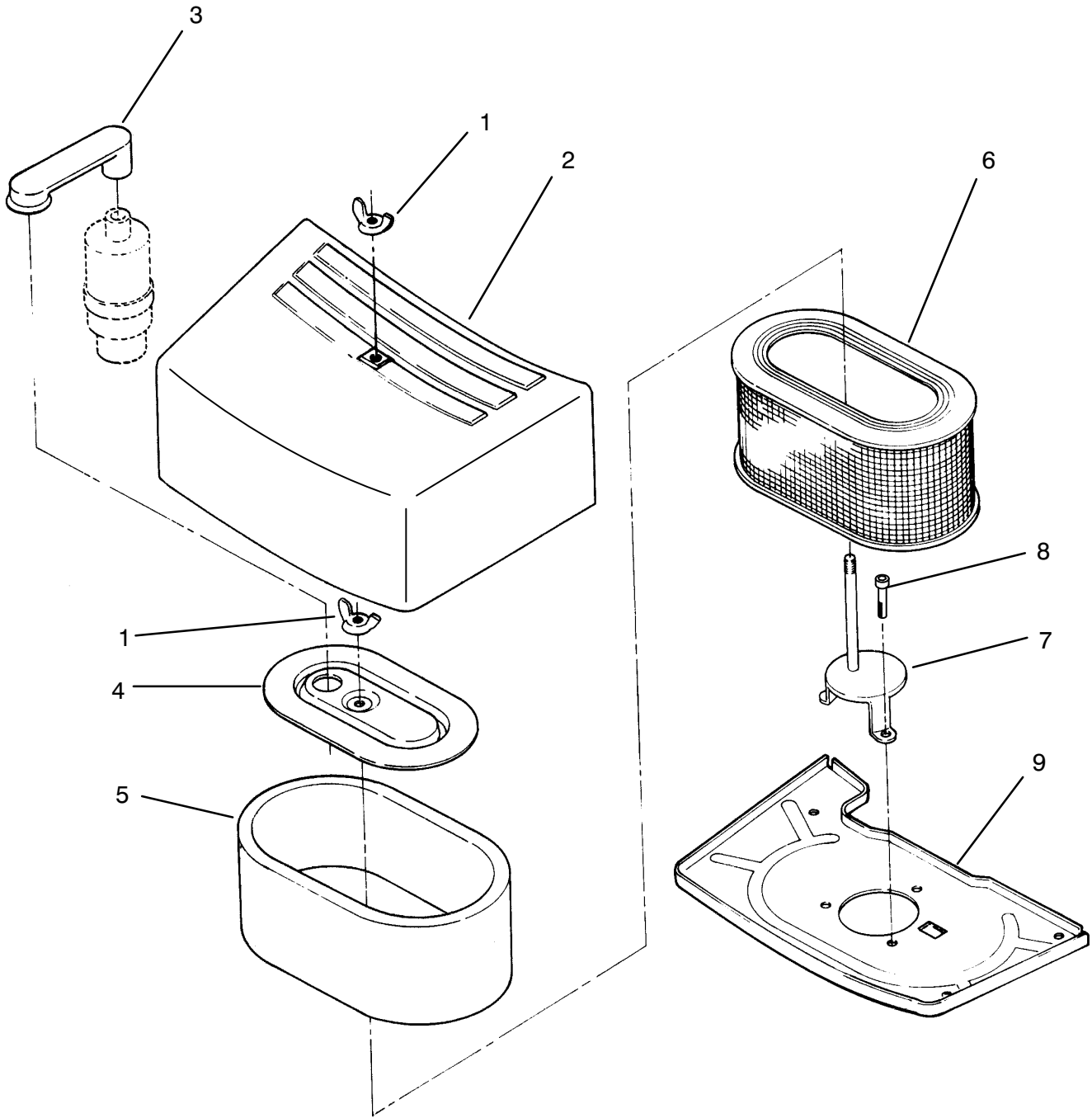
**GEARCASE & IGNITION ASSEMBLY**

Ref. No.	Part No.	Description	No. Used
1	NN10559	Kit – Gearcase (Incl. Ref. #2-9)	1
2	57-9650	Bearing	1
3	NN10510	Shaft and Arm	1
4	59-0420	Yoke	1
5	59-0950	Screw	2
6	NN10335	Pin – Dowel	1
7	57-9570	Seal – Oil	1
8	57-9630	Bearing	1
9	57-9580	Seal – Oil	1
10	NN10549	Gasket	1
11	82-1410	Bolt	4
12	57-9750	Washer	5
13	NN10430	Nut	1
14	NN10352	Stud	1
15	NN10444	Control – Ignition	1
16	59-1130	Nut	1
17	57-9440	Stator – with Terminals	1

Ref. No.	Part No.	Description	No. Used
18	NN10291	Lead – Terminal	2
19	NN10389	Bolt	3
20	NN10394	Bolt	2
21	NN10424	Washer – Lock	2
22	NN10516	Insulator	1
23	57-9700	Clip – Retaining	1
24	NN10515	Plate	1
25	57-9260	Gasket	1
26	NN10368	Bolt	2
27	NN10542	Washer	2
28	NN10247	Rotor	1
29	57-9340	Plug – Spark	2
30	NN10253	Wire – Plug	1
*	NN10254	Wire – Plug	1
31	NN10249	Nut – Negative Terminal M5	1
32	NN10248	Nut – Positive Terminal M4	1
33	NN10348	Clip	1

\*Not Illustrated

# AIR CLEANER ASSEMBLY

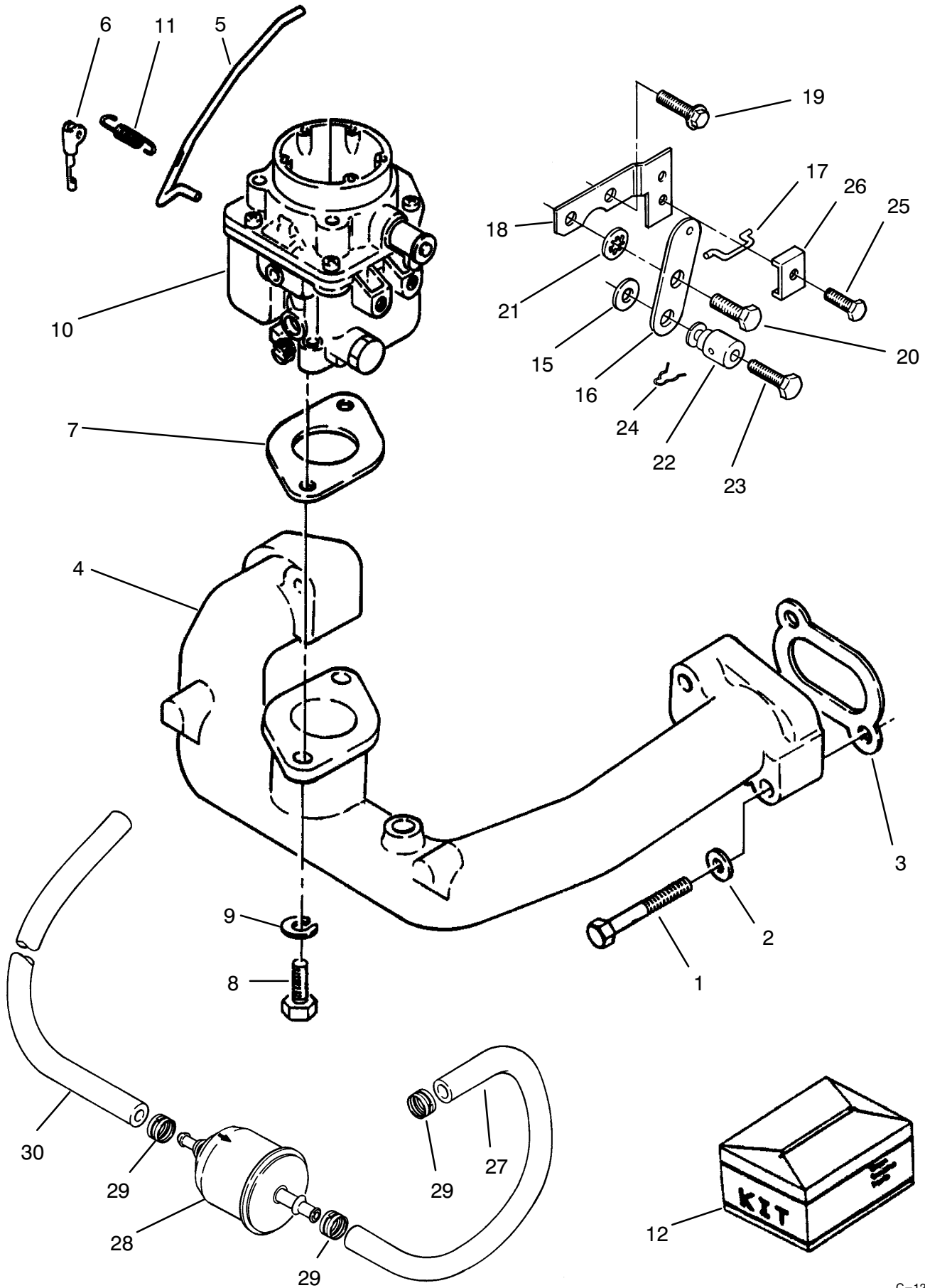


# AIR CLEANER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	NN10427	Nut – Wing	2
2	92-0955	Hood	1
3	NN10493	Tube	1
4	NN10500	Cover	1
5	NN10503	Element – Foam	1

Ref. No.	Part No.	Description	No. Used
6	92-0956	Element – Paper	1
7	NN10555	Support	1
8	NN10547	Screw	1
9	NN10499	Pan	1

# CARBURETOR & INTAKE MANIFOLD ASSEMBLY



# CARBURETOR & INTAKE MANIFOLD ASSEMBLY

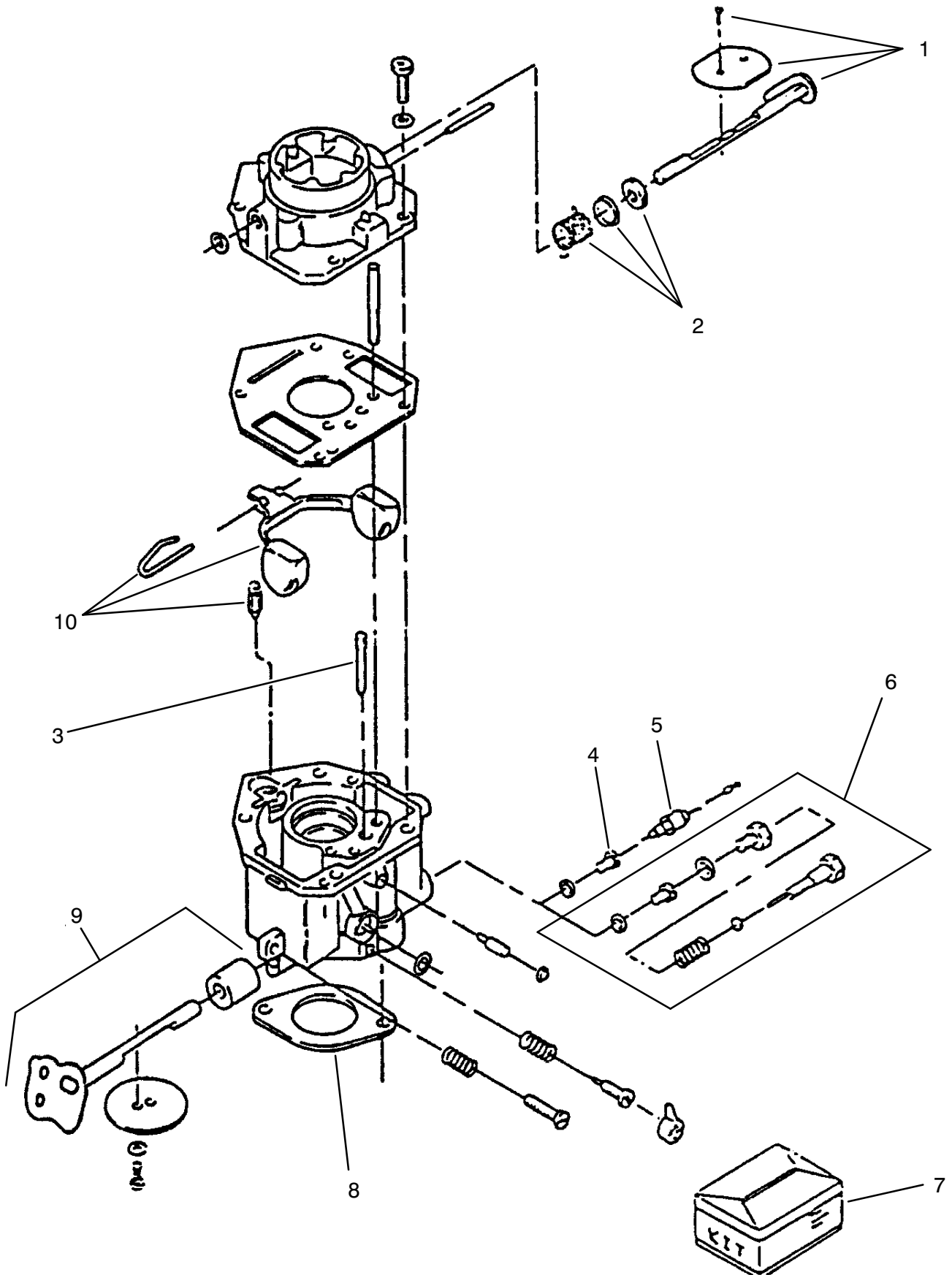
Ref. No.	Part No.	Description	No. Used
1	NN10375	Bolt	4
2	NN10543	Washer	4
3	NN10550	Gasket	2
4	NN10514	Manifold	1
5	NN10509	Rod	1
6	NN10538	Clip	1
7	57-9200	Gasket	1
8	NN10544	Bolt	2
9	NN10420	Washer	2
10	NN10504	Carburetor - 616-Z	1
*	NN10855	Carburetor - 620-Z	1
11	NN10865	Spring - Governor Rod	1
12	NN10206	Kit - Repair	1
15	59-0850	Washer	1
16	59-0460	Lever	1

Ref. No.	Part No.	Description	No. Used
17	57-9180	Link	1
18	59-0470	Bracket	1
19	NN10412	Bolt	1
20	59-1020	Bolt	1
21	NN10424	Washer - Lock	1
22	57-9170	Swivel	1
23	NN10410	Bolt	1
24	59-0720	Pin - Cotter	1
25	NN10784	Bolt	1
26	57-9190	Clamp	1
27	NN10302	Hose	1
28	NN10466	Filter - Fuel	1
29	NN10789	Clamp	3
30	NN10527	Hose	1

\*Not Illustrated



# CARBURETOR COMPONENTS ASSEMBLY



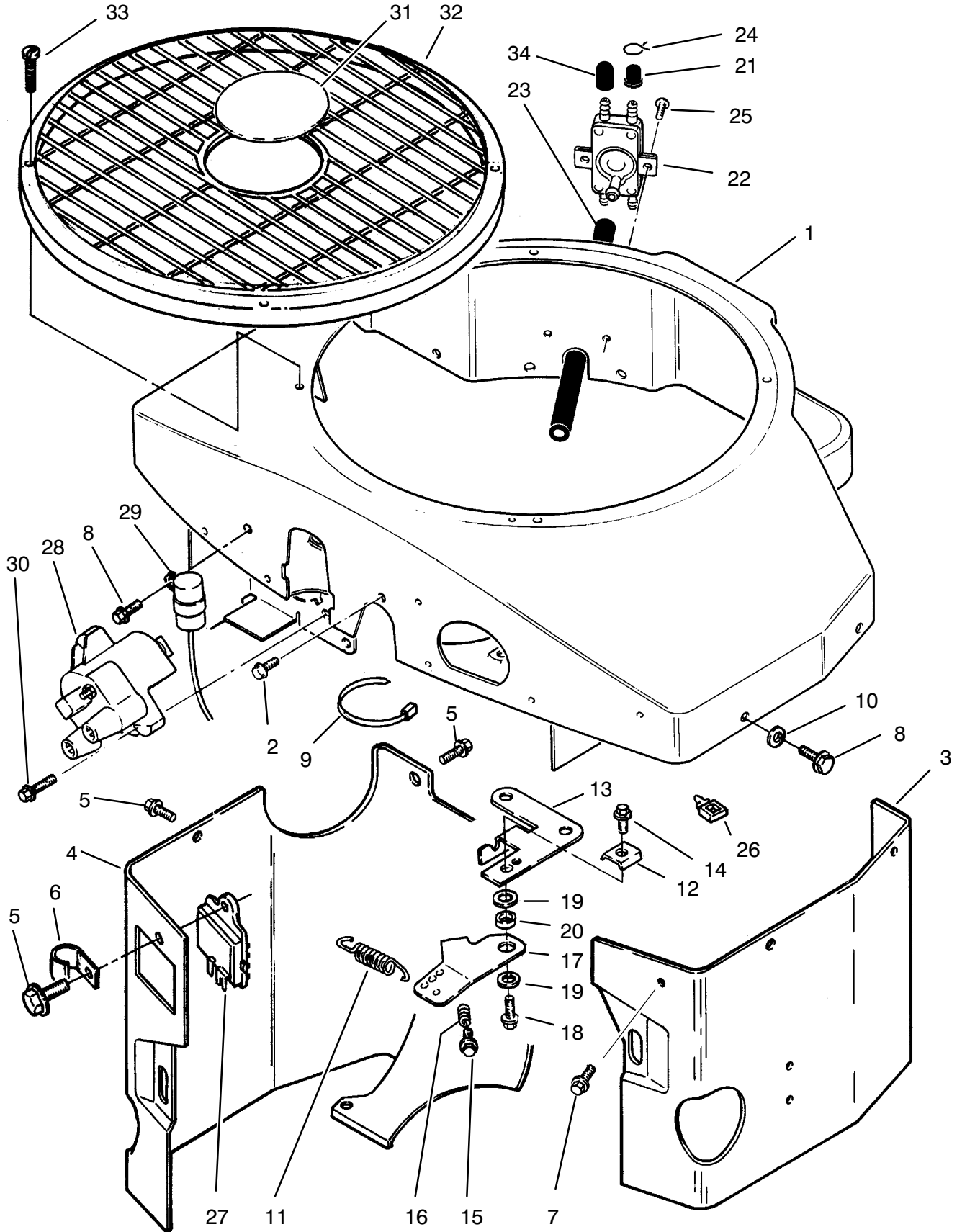
# CARBURETOR COMPONENTS ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	NN10207	Kit - Choke Shaft	1
2	NN10809	Kit - Choke Lever 616-Z	1
*	NN10208	Kit - Choke Lever 620-Z	1
3	NN10201	Jet - Idle 616-Z	1
*	NN10859	Jet - Idle 620-Z	1
4	NN10199	Jet - Power 616-Z	1
*	57-9050	Jet - Power 620-Z	1
*	NN10858	Jet - Fixed 620-Z	1
*	NN10810	Jet - Fixed 616-Z	1
5	NN10808	Solenoid	1

Ref. No.	Part No.	Description	No. Used
6	NN10810	Jet - Power, High Alt. Appl. 616-Z	1
*	NN10858	Jet - Power, High Alt. Appl. 620-Z	1
7	NN10807	Kit - Carburetor Repair	1
8	57-9200	Gasket	2
9	NN10811	Kit - Throttle Shaft	1
10	NN10209	Kit - Float (Includes Float Pin)	1

\*Not Illustrated

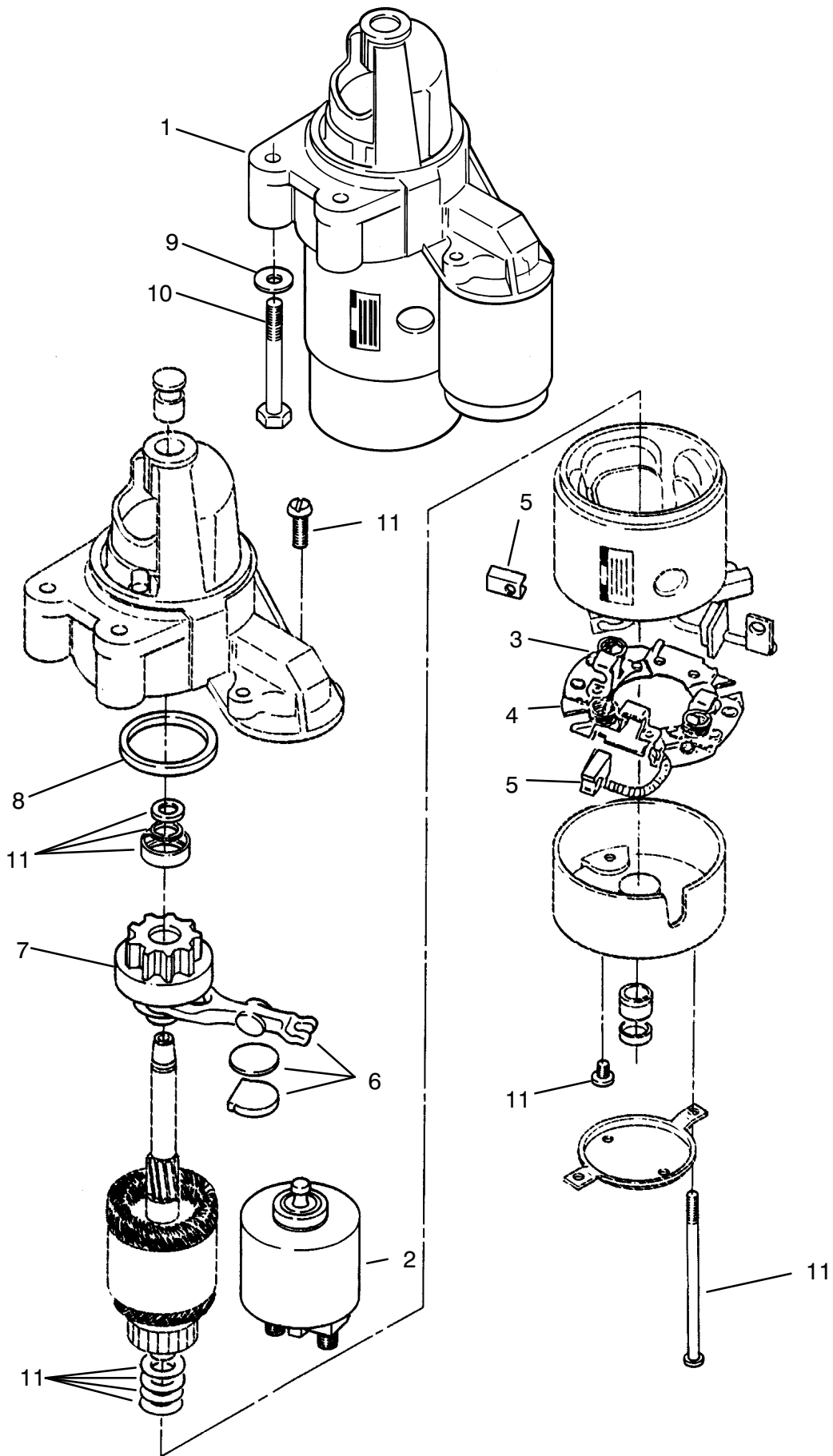
# COVERS, FUEL PUMP, COIL, REGULATOR & GOVERNOR LINKAGE ASSEMBLY



# COVERS, FUEL PUMP, COIL, REGULATOR & GOVERNOR LINKAGE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	NN10862	Housing – Blower	1	18	59-1010	Bolt	2
2	59-0970	Bolt	2	19	59-0830	Washer	2
3	92-0957	Housing – Cylinder, LH	1	20	57-9120	Bushing	1
4	92-0958	Housing – Cylinder, RH	1	21	59-0370	Cap	1
5	59-1080	Bolt	5	22	NN10505	Pump – Fuel	1
6	NN10348	Clip	1	23	NN10302	Hose 11”	1
7	NN10417	Bolt	2	24	57-9550	Clamp	4
8	59-0980	Bolt	4	25	59-1050	Screw	2
9	NN10863	Cable Tie	2	26	NN10522	Clip	1
10	59-0820	Washer	4	27	NN10794	Regulator – Voltage	1
11	57-9100	Spring	1	28	NN10245	Coil – Ignition	1
12	57-9190	Clamp	1	29	NN10276	Condenser	1
13	NN10898	Bracket	1	30	NN10408	Bolt	2
14	NN10784	Bolt	1	31	NN10340	Plug	1
15	59-1030	Bolt	1	32	NN10551	Guard	1
16	59-0430	Spring	1	33	NN10864	Screw	4
17	57-9140	Arm	1	34	112841	Cap	1

# STARTER ASSEMBLY



**STARTER ASSEMBLY**

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	NN10519	Starter Assy	1	8	72-3950	Seal - Dust	1
2	62-2720	Kit - Starter Solenoid (Incl. Spring Plunger)	1	9	57-9770	Washer	2
3	79-6300	Spring - Brush	3	10	NN10376	Bolt	2
4	62-2750	Holder - Brush (Incl. Negative Brush)	1	11	NN10265	Kit - Hardware (Incl. Solenoid Screws (2) Brush Holder Screws (2) Thru Bolts (2) Armature Shims (2) Pinion Stop Collar & Pinion Retaining Ring)	1
5	62-2740	Kit - Brush (Incl. Positive Brush (2) & Negative Brush w/Pigtail)	1				
6	62-2770	Kit - Starter Shift Lever (Incl. Wear Plate & Plug)	1				
7	72-3940	Clutch - Starter (Incl. Pinion Gear w/Clutch)	1				