



Ref #	Part Number	Qty	Description
	1 36177	1	Cylinder (Incl. 2,10,12,20 & 125)
	2 27652	2	Dowel Pin
	6 36059	1	Breather Element
	9 590568	3	Screw, 10-24 x 3/4"
	10 36002	1	Breather Valve Body
	11 36003A	1	Check Valve
	12 32447	1	Breather Tube
	12C 36005A	1	* Breather Cover & Gasket
	14 28277	1	Flat Washer
	15 36006	1	Governor Rod (Machined)
	16 36008	1	Governor Lever
	17 31335	1	Governor Lever Clamp
	18 651018	1	Screw, Torx T-15, 8-32 x 19/64"
	19 36103	1	Governor Spring
	20 36010	1	Oil Seal
	25 37143	1	Blower Housing Baffle Ass'y.(Incl.195)
	26 650802	3	Screw, 1/4-20 x 5/8"
	30 36178	1	Crankshaft
	40 40004	1	Piston,Pin, Ring Set (Std.)
	40 40005	1	Piston,Pin, Ring Set (.010 OS)
	41 36070	1	Piston & Pin Ass'y.(Std.) (Incl. 43)
	41 36071	1	Piston & Pin Ass'y.(.010 OS)(Incl.43)
	42 40006	1	Ring Set (Std.)
	42 40007	1	Ring Set (.010 OS)
	43 20381	2	Piston Pin Retaining Ring
	45 36023A	1	Connecting Rod Ass'y. (Incl. 46)
	46 32610A	2	Connecting Rod Bolt
	48 36030	2	Valve Lifter
	50 36031A	1	Camshaft (MCR)
	52 29914	1	Oil Pump Ass'y.
	69 36032A	1	* Mounting Flange Gasket
	70 36194A	1	Mounting Flange (Incl. 72 thru 85)
	72 36083	1	Oil Drain Plug
	75 36010	1	Oil Seal
	80 30574A	1	Governor Shaft
	81 30590A	1	Washer
	82 30591	1	Governor Gear Ass'y. (Incl.81)
	83 36057	1	Governor Spool
	85 36034	1	Idle Gear
	86 650924	7	Screw, 1/4-20 x 1-9/16"
	89 611154	1	Flywheel Key
	90 611155	1	Flywheel
	91 611156	1	Flywheel Fan
	92 650815	1	Belleville Washer
	93 650816	1	Flywheel Nut
	100 34443B	1	Solid State Ignition
	101 610118	1	Spark Plug Cover
	103 651007	2	Screw, Torx T-15, 10-24 x 15/16"
	110 36054	1	Ground Wire
	110A 36230	1	Ground Wire
	119 36061	1	* Cylinder Head Gasket
	120 36187	1	Cylinder Head
	125 36471	1	Exhaust Valve (Std.) (Incl. 151)
	125 36472	1	Exhaust Valve (1/32" OS)
	126 29314B	1	Intake Valve (Std.) (Incl. 151)
	126 29315C	1	Intake Valve (1/32" OS)
	130 6021A	7	Screw, 5/16-18 x 1-1/2"
	135 35395	1	Resistor Spark Plug (RJ19LM)

Ref #	Part Number	Qty	Description
150	31672	2	Valve Spring
151A	40016	1	Intake Valve Seal
151	31673	2	Lower Valve Spring Cap
152	37075	1	"O"-Ring
169	27234A	1	* Valve Spring Box Gasket
172	32755	1	Valve Spring Box Cover
174	30200	2	Screw, 10-24 x 9/16"
177	650925A	2	Carburetor Mounting Stud
184	36183	2	Carburetor Gasket
186	36009	1	Governor Link
187A	36195	1	Air Baffle
190	36013	1	Brake Lever Ass'y.
191B	36012	1	Brake Control Lever
192	36016	1	Brake Control Lever Link
193	36015	1	Brake Spring
194	36014	2	Retaining Ring
195	610973	1	Terminal Ass'y.
198	36017	1	Brake Control Lever Spring
199	36018	2	Brake Lever Bushing
202	36482	1	Compression Spring
203	31342	1	Compression Spring
204	651029	1	Screw, Torx T-10, 5-40 x 7/16"
205	651030	1	Screw, Torx T-10, 6-32 x 21/32"
206	610973	1	Terminal
210	27793	1	Conduit Clip
211	28942	1	Screw, 10-32 x 3/8"
239	36048	1	* Carburetor to Air Cleaner Gasket
240	36190	1	Air Cleaner Body (Incl. 239 & 350)
245	36046	1	Air Cleaner Filter
245A	37144	1	Air Cleaner Filter
250	36191	1	Air Cleaner Cover
251	650928	2	Lock Nut, 1/4-20
255	36138	1	Control Plate
256	650983	2	Screw, 8-32 x 21/64"
260	36188	1	Blower Housing
262	650737	5	Screw, 1/4-20 x 1/2"
275	36107	1	Muffler
276	36043	1	Locking Plate
277	650927	2	Screw, 5/16-18 x 2-11/32"
279	650956	3	Screw, Torx T-25, 12-24 x 49/64"
280	36090	1	Heat Shield (Incl. 279)
285	34449A	1	Starter Cup
287	650926	2	Screw, 8-32 x 21/64"
290	34357	1	Fuel Line
292	26460	2	Fuel Line Clamp
300	36189	1	Fuel Tank (Incl. 301)
301	36246	1	Fuel Cap
305	36063	1	Oil Fill Tube
307	35499	1	"O" Ring
308	36040	1	Fill Tube Clip
310	36064	1	Dipstick
324	33177	1	Terminal
325	34246	1	Wire Clip
346A	28763	2	Screw, 10-32 x 35/64"
350	36045A	1	Primer
370C	37199	1	Primer Decal
370A	36261	1	Lubrication Decal
380	640020	1	Carburetor (Incl. 187A & 239)

Ref #	Part Number	Qty	Description
390	590702	1	Rewind Starter (NOTE: This engine could have been built with 590739 starter).
400	36062D		* Gasket Set (Incl. items marked PK in notes) Incl. part #'s 27234A (1), 28833 (1), 36005A (1), 36032A (1), 36061 (1), 37136 (1), 696088 (1).
416	36085	1	Spark Arrestor Kit (Incl. 417)(Optional)
417	650760	1	Screw, 8-32 x 3/8" (Optional)
420	730225	1	4 Cycle Oil, SAE 30 (Quart)
514	36114	1	Brake Lock Out Device (Incl. 515) WARNING! Do not use the brake lock out device on engines required to meet CPSC safety standard for walkbehind power lawnmowers, Title 16, Part 1205 of the code of Federal Regulations or you will be in violation of the law.
515	650926	1	Screw, 8-32 x 21/64"



Ref #	Part Number	Qty	Description
152	37075	1	"O"-Ring
240	36190	1	Air Cleaner Body (Incl. 239 & 350)
243B	651041	1	Air Cleaner Stud
245	36046	1	Air Cleaner Filter
250	36191	1	Air Cleaner Cover
251	650928	2	Lock Nut, 1/4-20
251A	650933	1	Wing Nut, 1/4-20
263A	37170	2	Starter Grill
287	650926	2	Screw, 8-32 x 21/64"
347	650898A	1	Screw, 10-32 x 27/32"
350	36045A	1	Primer
390	590702	1	Rewind Starter (NOTE: This engine could have been built with 590739 starter).