



## MV100S Models

Issued: 04/96  
Revised: 08/00

Division 4  
Section A

<b>MV100S</b>	53,20 mm	44,40 mm	98,5 cc
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<b>MV100S</b>	E-16005B	E-16005C	E-16006C	E-16014B	E-16044B
	E-16044C	E-16046B	E-16046C	E-16047B	E-16054C
	E-16055C	E-16056C	E-16057C	E-16064B	E-16116C

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Sub-Assembly details by specification number for:

**MV100S Models**

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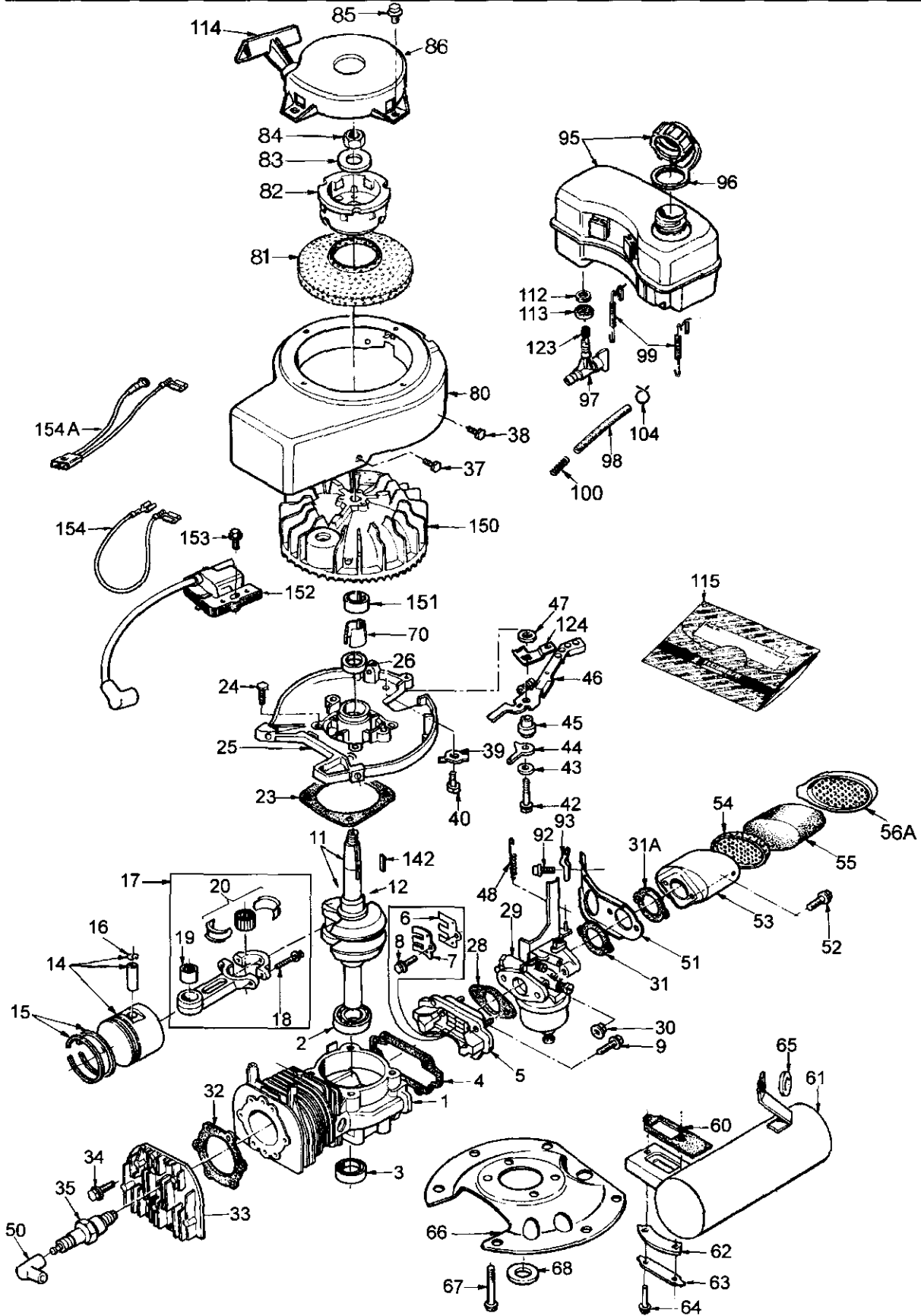
Revised: 08/00



MV100S	Carburetor	Rc. Starter	El. Starter	Crankshaft	Idle Rpm +/- 200	High Rpm +/- 100
E-16005B	23030015	14210053		16080047	2000	3650
E-16005C	23030015	14210053		16080047	2000	3650
E-16006C	23030015	14210053		16080048	2000	3800
E-16014B	16630038	14210053		16080041	2000	3650
E-16044C	23030013	14210053		16080044	2000	3650
E-16046B	23030011	14210053		16080041	2000	3650
E-16046C	23030011	14210053		16080041	2000	3650
E-16047B	23030013	14210053		16080044	2000	3650
E-16054C	23030013	14210053		16080044	2000	3650
E-16055C	23030015	14210053		16080047	2000	3650
E-16056C	23030011	14210053		16080041	2000	3650
E-16057C	23030013	14210053		16080044	2000	3650
E-16064B	16630038	14210053		16080041	2000	3650
E-16116C	23030015	14210053		16080048	2000	3800

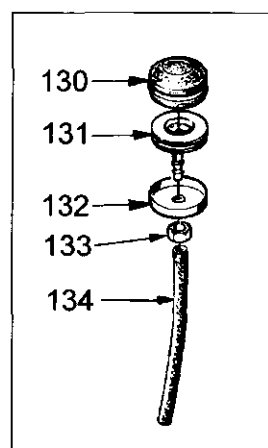
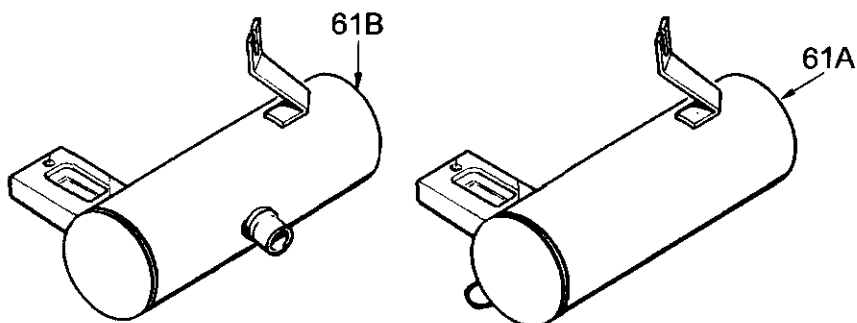
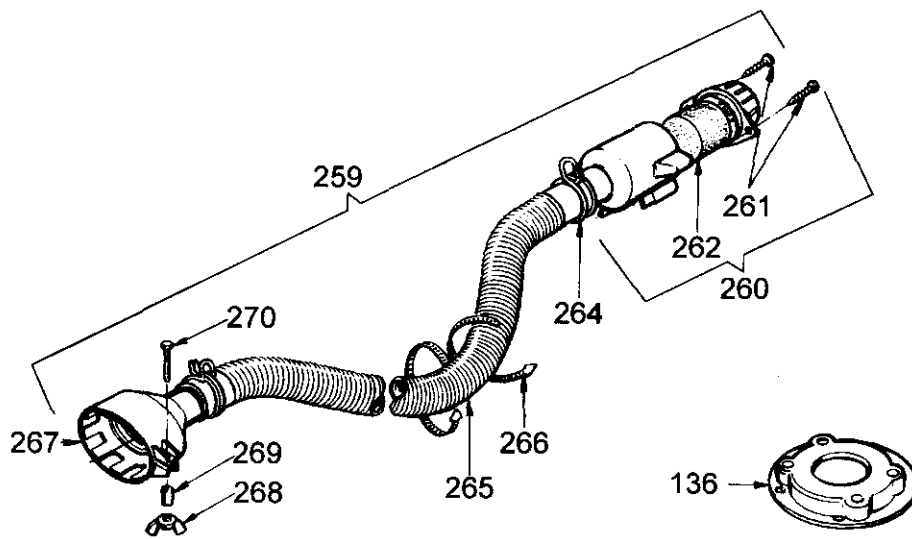
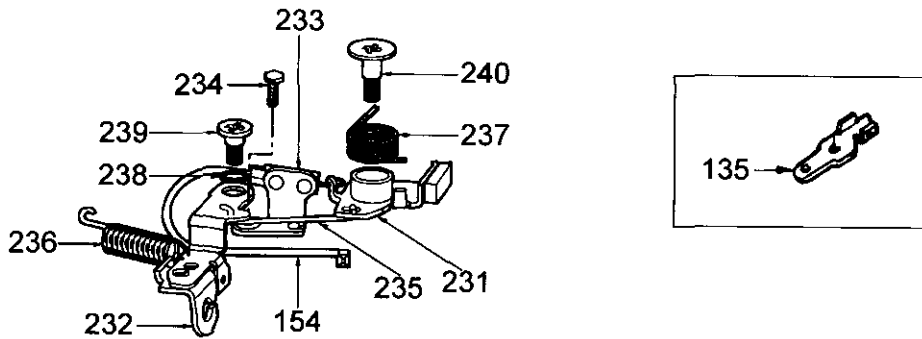
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Ref.No.	Part No.	Part Name
1	16020011	Cylinder Assy. (Inc.-3)(53.20 mm Bore)
2	27430007	Ball Bearing
3	29610036	Oil Seal
3	29610036 *	Oil Seal
4	29630056	Reed Plate Gasket
4	29630056 *	Reed Plate Gasket
5	16155004	Reed Plate Assy (Inc.-6,7,8)
6	21540003	Reed
7	21550004	Stop Reed
8	29190049	Screw 1/4-28 (L=22mm)
9	29190061	Screw 11-24 (L=15mm)
11	16080041	Crankshaft <b>E-16014B</b> ,046B,046C,056C,064B
11	16080044	Crankshaft (Inc.-12) <b>E-16044B</b> ,044C,047B,054C,057C
11	16080047	Crankshaft (Inc.-12) <b>E-16005B</b> ,005C,055C
11	16080048	Crankshaft (Inc.-12) <b>E-16006C</b> ,116C
12	27430006	Ball Bearing
14	16095019	Piston & Pin Assy. (Inc.-16)(Std 53.20 mm Bore)
14	16095020	Piston & Pin Assy. (Inc.-16)(OS. 0.25 mm)
14	16095021	Piston & Pin Assy. (Inc.-16)(OS. 0.50 mm)
15	16105004	Ring Set (Std 53.20 mm Bore)
15	16105005	Ring Set (OS. 0.25 mm)
15	16105006	Ring Set (OS. 0.50 mm)
16	29450001	Piston Pin Retainer
17	16115007	Connecting Rod (Inc.-18,19,20)
18	29190084	Screw 10-24 (L=19mm)
19	27440015	Needle Bearing
20	16550001	Bearing & Keeper
23	29630062 *	Housing Base Gasket
23	29630062	Housing Base Gasket
24	29190051	Screw 1/4-20 (L=15mm)
25	16065007	Housing Base Assy (Inc.-26) <b>E-16005B</b> ,006C,014B,044B,046B,047B
25	16065008	Housing Base Assy (Inc.-26) <b>E-16005C</b> ,044C,046C,054C,055C,056C,057C,064B,116C
26	29610035 *	Oil Seal
26	29610035	Oil Seal
28	29630013 *	Carburettor Gasket
28	29630013	Carburettor Gasket
29	16630038	Repair Kit <b>E-16014B</b> ,064B
29	23030011	Carburettor <b>E-16046B</b> ,046C,056C
29	23030013	Carburettor <b>E-16044B</b> ,044C,047B,054C,057C
29	23030015	Carburettor <b>E-16005B</b> ,005C,006C,055C,116C
30	29210008	Nut 1/4-28
31	29630003 *	Air Filter Gasket
31	29630003	Air Filter Gasket <b>E-16005B</b> ,005C,006C,014B,044C,046B,046C,047B,054C,055C,056C,057C,064B,116C
31A	29630003 *	Air Filter Gasket

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31A	29630003	Air Filter Gasket <b>E-16005B</b> ,005C,006C,014B,044B,044C,046B,046C,047B,054C,055C,056C,057C,116C
32	29620019	Cylinder Head Gasket
32	29620019	* Cylinder Head Gasket
33	21210024	Cylinder Head
34	29190062	Screw 1/4-20 (L=18mm)
35	29010007	Spark Plug
37	29190038	Screw 1/4-20 (L=12mm)
38	29190051	Screw 1/4-20 (L=15mm)
39	29080015	Terminal
40	29190071	Screw 8-32 (L=15mm) <b>E-16014B</b> ,044B,064B
42	29190061	Screw 11-24 (L=15mm) <b>E-16005B</b> ,005C,006C,055C,116C
42	29190168	Screw 10-24 (L=24mm) <b>E-16014B</b> ,044B,044C,046B,046C,047B,054C,056C,057C,064B
43	29510052	Washer <b>E-16014B</b> ,044B,064B
43	29510097	Washer <b>E-16044C</b> ,046B,046C,047B,054C,056C,057C
44	27240043	Adjusting Lever <b>E-16014B</b> ,044B,064B
44	27240047	Adjusting Lever <b>E-16005B</b> ,005C,006C,044C,046B,046C,047B,054C,055C,056C,057C,116C
45	27420010	Spacer <b>E-16044C</b> ,046B,046C,047B,054C,056C,057C
45	27420013	Control Lever Spacer <b>E-16014B</b> ,044B,064B
46	17240005	Control Lever <b>E-16014B</b> ,046C,064B
46	17240008	Control Lever <b>E-16044B</b>
46	27240042	Control Lever <b>E-16044C</b> ,046B,047B,054C,056C,057C
47	29510001	Washer <b>E-16044C</b> ,046B,046C,047B,054C,056C,057C
47	29510045	Washer <b>E-16014B</b> ,064B
47	29590017	Washer <b>E-16044B</b>
48	27920057	Governor Spring
50	15950001	Spark Plug Cover
51	27410065	Bowden Bracket <b>E-16014B</b> ,044B,044C,046B,046C,047B,054C,056C,057C
52	29190040	Screw 10-32 (L=11mm) <b>E-16014B</b> ,064B
52	29190041	Screw 10-32 (L=16mm) <b>E-16044B</b> ,044C,046C,047B,054C,057C
53	13420001	Air Filter Body <b>E-16014B</b> ,046C,057C,064B
53	13420005	Air Filter Body <b>E-16044B</b> ,044C,047B,054C,057C
54	29490010	Air Filter Screen
55	23410001	Air Cleaner Filter <b>E-16014B</b> ,044B,044C,046C,047B,054C,057C,064B

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Ref.No.	Part No.	Part Name
56	13400010	Air Filter Cover (Acoustic) <b>E-16046C</b>
56A	23430015	Air Filter Cover <b>E-16014B</b> ,064B
60	29630088	Muffler Gasket
60	29630088	* Muffler Gasket *
61	11520034	Muffler <b>E-16005B</b> ,005C,046B,055C,056C
61	21520087	Muffler <b>E-16006C</b> ,044B,044C,047B,054C,057C,116C
61A	21520102	Muffler <b>E-16046C</b>
61B	21520096	Muffler <b>E-16014B</b> ,064B
62	27530024	Reinforcing Plate
63	27530014	Lock Plate
64	29180030	Screw 1/4-20 (L=38mm)
65	29510010	Washer
66	27120014	Flange <b>E-16006C</b> ,044B,044C,046C,047B,054C,057C,116C
67	29190070	Screw 5/16-18 (L=14mm) <b>E-16006C</b> ,014B,044B,044C,046C,047B,054C,057C,116C
68	29590003	Oil Seal Cover <b>E-16044B</b> ,044C,046C,047B,054C,057C
70	27470040	Flywheel Adapter <b>E-16005C</b> ,044C,046C
80	24320165	Blower Housing <b>E-16005B</b> ,005C,006C,044B,044C,046B,046C,047B,054C,055C,056C,057C,116C
80	24320168	Blower Housing <b>E-16014B</b> ,064B
81	17540001	Flywheel Screen <b>E-16057C</b> ,116C
81	27540028	Flywheel Screen <b>E-16005B</b> ,006C,014B,044B,046B,047B
81	27540043	Flywheel Screen <b>E-16005C</b> ,044C,046C,054C,055C,056C,064B
82	24220007	Starter Cup <b>E-16005B</b> ,006C,014B,044B,044C,046B,046C,047B,054C,057C,064B,116C
82	24220018	Starter Cup <b>E-16005C</b> ,055C,056C
83	29510025	Washer <b>E-16005B</b> ,006C,014B,044B,046B,047B,064B
83	29510110	Washer <b>E-16005C</b> ,044C,046C,054C,055C,056C,057C,116C
84	29210034	Nut 7/16-20
85	29190058	Screw 1/4-28 (L=7mm)
86	14210053	Rewind Starter (Inc.-114)
92	29190174	Screw 10-32 (L=6mm)
93	29490004	Conduit Clip <b>E-16014B</b> ,044B,044C,046B,046C,047B,054C,056C,057C
95	16210007	Fuel Tank (Inc.-96) <b>E-16064B</b>
95	16215003	Fuel Tank (Inc.-96,97,123) <b>E-16005B</b> ,005C,006C,044B,044C,046B,046C,047B,054C,055C,056C,057C,116C
95	16215006	Fuel Tank (Inc.-96,97,123) <b>E-16014B</b>

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Ref.No.	Part No.	Part Name
96	23350002	Fuel Filler Cap <b>E-16005B</b> ,005C,006C,014B,044B,044C,046B,046C,047B,054C,055C,056C,057C,116C
96	23350019	Fuel Filler Cap <b>E-16064B</b>
97	16260001	Shut Off Valve <b>E-16006C</b>
97	16260003	Shut Off Valve <b>E-16005B</b> ,005C,014B,044B,044C,046B,046C,047B,054C,055C,056C,057C,064B,116C
98	16270001	Fuel Line (Available only in 5m coils) <b>E-16005B</b> ,005C,006C,014B,044B,044C,046B,046C,047B,054C,055C,056C,057C,116C
99	17920005	Spring & Clip Assy <b>E-16005B</b> ,005C,006C,044B,044C,046B,046C,047B,054C,055C,056C,057C,116C
100	27920036	Fuel Pipe Spring <b>E-16014B</b> ,057C
104	29490031	Fuel Line Clamp <b>E-16005B</b> ,005C,006C,044C,046B,046C,047B,054C,055C,056C,057C,116C
112	29610045	Shut-Off Gasket
112	29610045 *	Shut-Off Gasket
113	29590034	Washer
114	24230004	Starter Handle
115	16620014	Gasket Set
123	23410011	Sinterized Filter <b>E-16005B</b> ,005C,006C,044B,044C,046B,046C,047B,054C,055C,056C,057C,116C
124	27920058	Spring <b>E-16014B</b> ,064B
130	23120004	Primer Pump
131	23120003	Primer Body
132	23120005	Primer Cap
133	29210013	Nut 1/4-20
134	16270003	Fuel Line (Available only in 5m coils)
135	27410062	Bowden Bracket
136	27120009	Flange <b>E-16014B</b>
142	29410009	Flywheel Key <b>E-16005B</b> ,006C,014B,044B,046B,047B,054C,055C,056C,057C,064B,116C
150	24110034	Flywheel (Std) <b>E-16005B</b> ,006C,014B,044B,046B,047B,116C
150	24110036	Flywheel (Std) <b>E-16005C</b> ,044C,046C
150	24110048	Flywheel (Std) <b>E-16054C</b> ,055C,056C,057C,064B
151	29490058	Flywheel Key Spacer <b>E-16005B</b> ,006C,014B,044B,046B,047B,054C,055C,056C,057C,064B,116C
152	14160034	Solid State (Coil & Lamination)(Inc.-50) <b>E-16005B</b> ,005C,014B,044C,046C,054C,055C
152	14160063	Solid State (Coil & Lamination)(Inc.-50) <b>E-16046B</b> ,047B
152	14160072	Solid State (Coil & Lamination)(Inc.-50) <b>E-16006C</b> ,044B,056C,057C,064B,116C
153	29190168	Screw 10-24 (L=24mm)
154	14940012	Ground Wire <b>E-16044C</b> ,046B,046C,054C,056C
154	16380001	Ground Wire <b>E-16005B</b> ,005C,047B,055C,057C,064B
154	24010039	Ground Wire <b>E-16006C</b> ,014B,044B

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Ref.No.	Part No.	Part Name
154A	14940069	Ground Wire <b>E-16116C</b>
231	17240032	Lever & Brake Sliding Assy
232	17240033	Brake Lever Control
233	17410085	Ground Bracket Assy
234	29190186	Screw 10-24 (L=14mm)
235	27250051	Brake Link
236	27920167	Brake Spring
237	27920166	Brake Lever Spring
238	29590002	Wave Washer
239	29190311	Screw 1/4-20 (L=10mm)
240	29190312	Screw 1/4-20 (L=21mm) <b>E-16044C</b> ,046C,054C,056C,057C
259	13400053	Snorkel Filter Assy (Inc.-260,264,265,266,267,268,269,270)
260	13400048	Snorkel Filter Assy (Inc.-261,262)
261	29190156	Screw 8-22 (L=22mm)
262	23410025	Pre-Cleaner Element
264	29440015	Hose Clip
265	23520007	Intake Hose
266	29440009	Hose Strap
267	23430040	Intake Adaptor
268	29190019	Wing Nut M4
269	27420011	Adaptor Spacer
270	29180027	Screw M4 (L=30mm) <b>E-16044B</b> ,044C,047B,054C,057C

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