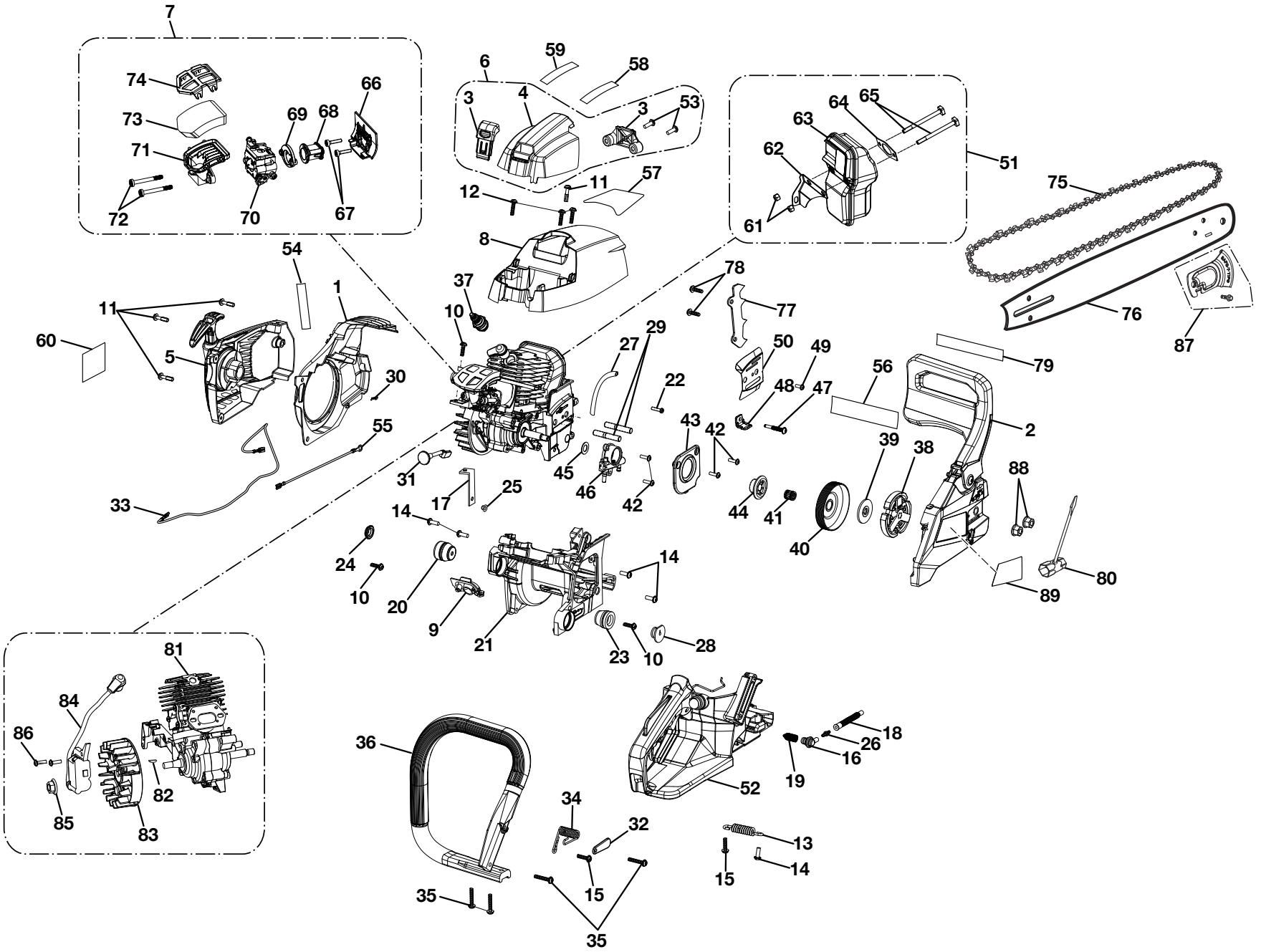
RYOBI
Chain Saw
Model No. RY3818
Mfg No. 090382008
Repair Sheet

TECHTRONIC INDUSTRIES POWER EQUIPMENT, INC.
P.O. Box 1288
Anderson, SC 29622
Phone 1-800-860-4050
www.ryobitools.com

RYOBI CHAIN SAW – MODEL NUMBER RY3818



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The model number will be found on a label attached to the motor housing. Always mention the model number in all correspondence regarding your **CHAIN SAW** or when ordering replacement parts.

PARTS LIST

KEY NO.	PART NUMBER	DESCRIPTION	QTY
1	533483001	Cylinder Baffle	1
2	313866001	Clutch Cover Assembly (Inc. Key Nos. 56 & 79)	1
3	314046001	Carburetor Cover Latch and Bracket Assembly	1
4	532595001	Carburetor Cover Housing	1
5	313867001	Starter Housing Assembly (Inc. Key Nos. 60 & 87)	1
6	313868001	Carburetor Cover Assembly (Inc. Key Nos. 58-59)	1
7	311457003	Intake Assembly	1
8	313869001	Cylinder Housing Assembly (Inc. Key No. 57)	1
9	518417001	Grommet	1
10	660918003	Screw (M5 x 16 mm, T25 Torx Pan Hd.)	3
11	660637001	Screw (M5 x 22 mm, T25 Torx Pan Hd.)	4
12	660918001	Screw (M5 x 14 mm, T25 Torx Pan Hd.)	3
13	678321001	Damper Spring	1
14	660917002	Screw (M5 x .8 mm, T25 Torx Pan Hd.)	5
15	660918004	Screw (M5 x 14 mm, T25 Torx Pan Hd.)	2
16	561421001	Oil Filter Grommet	1
17	901376002	Band Stopper	1
18	561449001	Pipe In Oil Pump Rubber	1
19	678407001	Cone Spring	1
20	561428001	Rubber Damper	1
21	518442006	Engine Case	1
22	518411001	Pin (Oil Pump Outlet)	1
23	561426001	Damper Rubber	1
24	518435001	Damper Cap	1
25	678320001	Eyelet	1
26	518413001	Joint For Pipe In Comp	1
27	563968002	Oil Pump Rubber Tube (Outlet)	1
28	518434001	Damper Cap (T)	1
29	660503006	Bar Stud (5/16-18 x 23.5 mm / 5/16-18 x 18 mm)	2
30	631034001	Hair Pin	1
31	518415005	Choke Rod	1
32	678332001	Damper Plate	1
33	291894001	Lead Wire Assembly (Red)	1
34	678322001	Damper Spring	1
35	660918002	Screw (M5 x 27 mm, T25 Torx Pan Hd.)	4
36	518691001	Handle	1
37	870174005	** Spark Plug (BOSCH/WSR6F)	1
38	310535001	Clutch	1
39	678313002	Thrust Plate	1
40	309418001	Clutch Drum	1
41	681933001	Clutch Drum Needle Bearing	1
42	660916003	Screw (M4 x 14 mm, T20 Torx Pan Hd.)	4
43	518414001	Oil Pump Cover	1
44	518865001	Oil Pump Drive Gear	1

**** Standard Hardware Item – May Be Purchased Locally**

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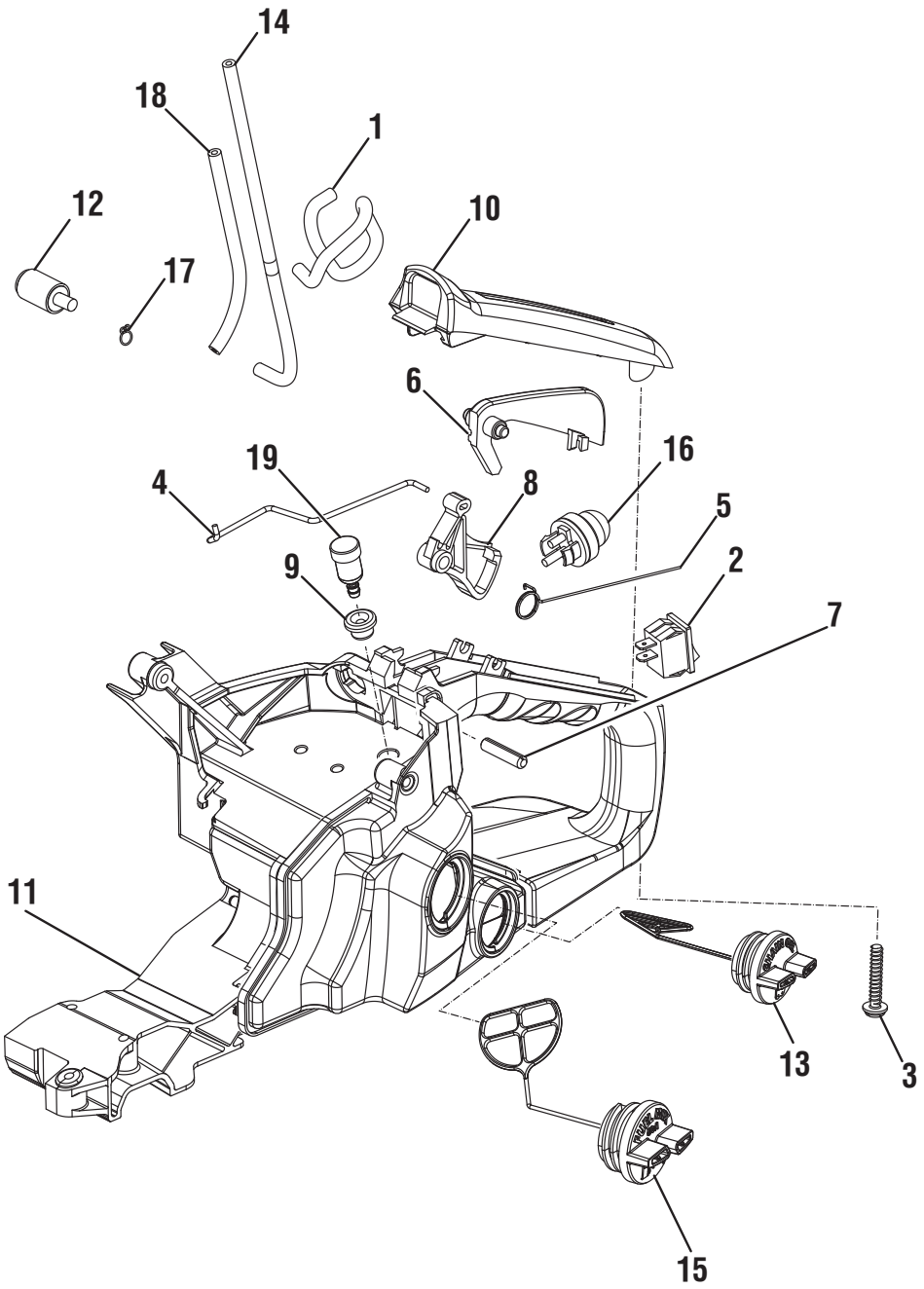
PARTS LIST

KEY NO.	PART NUMBER	DESCRIPTION	QTY
45	638289001	Washer (ID10.2 x OD18 x 1t)	1
46	309516001	Oil Pump	1
47	660931001	Screw (M4 x 33 mm, T25 Torx Pan Hd.)	1
48	631035004	Chain Catcher	1
49	660916001	Screw (M4 x 12 mm, T20 Torx Pan Hd.)	1
50	638309003	Chain Guard Plate	1
51	311458001	Exhaust Assembly	1
52	307246005	Chassis & Handle Components	1
53	660922001	Screw (M4 x 10 mm, T20 Torx Pan Hd.)	2
54	940654088	Combustion Warning Label	1
55	291893001	Lead Wire Assembly (Black)	1
56	941009047	Chain Brake Label (RY3818)	1
57	941009044	Warning Label	1
58	941010023	Starting Label (Right)	1
59	941010022	Starting Label (Left)	1
60	941009046	Starting House Label (RY3818)	1
61	678311001	Nut (M5, Muffler)	2
62	638293004	Muffler Bracket	1
63	309377006	Muffler	1
64	901380001	Gasket (Muffler)	1
65	660915001	Screw (M5 x 62 mm, Square Hd.)	2
66	518864003	Heat Dam	1
67	662395001	Bolt (M9 x 19 mm, T25 Torx Pan Hd.)	2
68	570243003	Intake Boot	1
69	678694002	Intake Bracket	1
70	308054203	Carburetor Assembly	1
71	518465002	Air Box Base	1
72	660454015	Screw (M5 x 44 mm,T25 Torx Hd. Carburetor)	2
73	560873013	Foam Air Filter	1
74	534173001	Air Filter Retainer	1
75	901361003	18 in. Chain (3/8LP, 62DL)	1
76	312655001	18 in. Guide Bar Assembly	1
77	631039002	Bucking Spike	1
78	660917004	Screw (M5 x 11 mm., T25 Torx Pan Hd.)	2
79	941009045	Pull To Release Brake Label	1
80	631055005	Combination Wrench	1
81	309893007	Short Block	1
82	690688001	Woodruff Key	1
83	309001002	Flywheel Assembly	1
84	309266003	Ignition Assembly	1
85	690689001	Hex Flange Nut (M8)	1
86	660916003	Screw (M4 x 14 mm, T20 Torx Hd.)	2
87	314926001	Safety Tip and Screw Assembly	1
88	678339003	Hex Nut	2
89	941009075	Bar Cover Label	1
Not Shown:			
995000353		Operator's Manual (9600873001)	
308552006		Carrying Case	
580464001		18 in. Scabbard (RY3818)	

3-2-20
(Rev:01)

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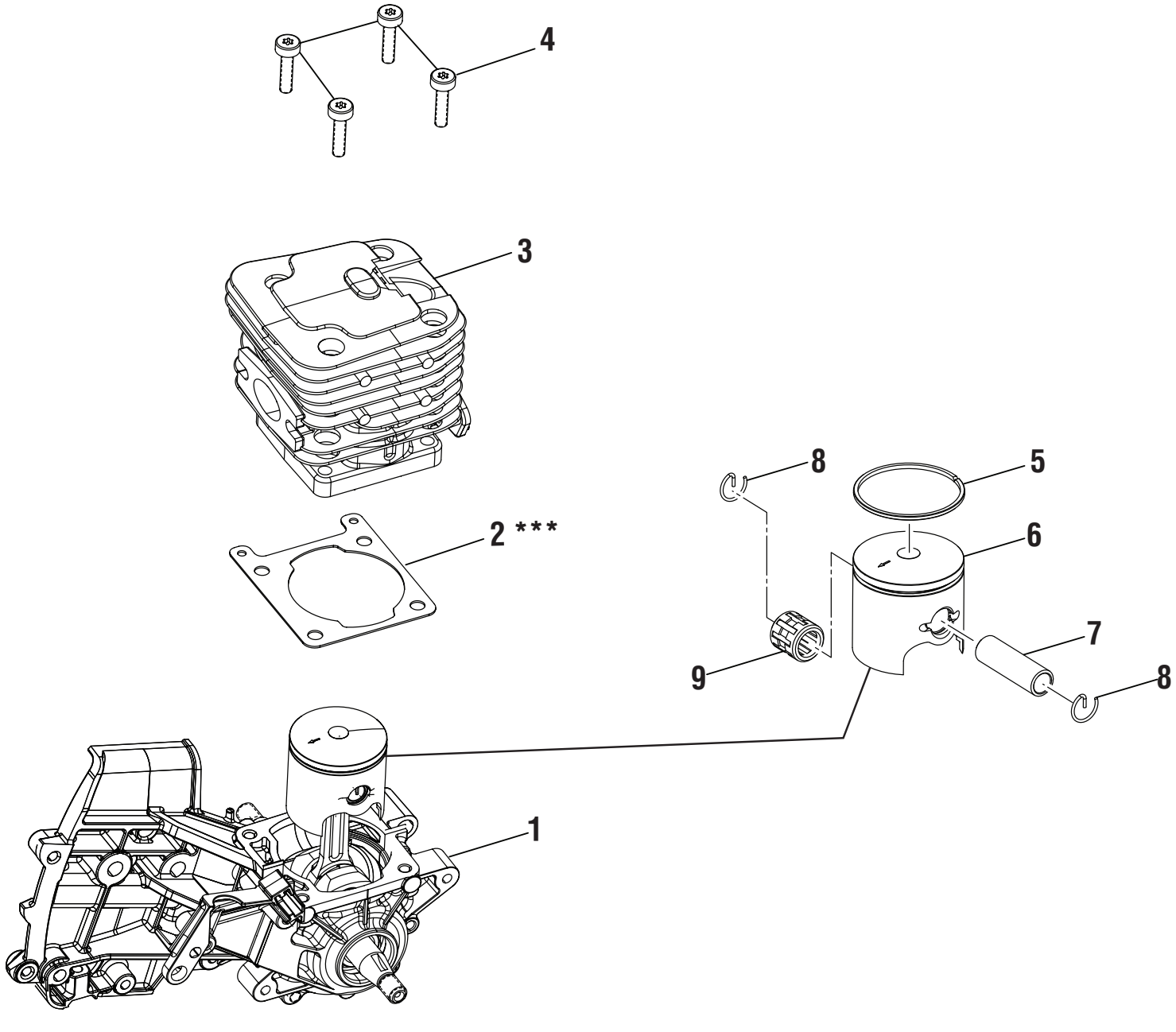


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PARTS LIST

KEY NO.	PART NUMBER	DESCRIPTION	QTY
1	570373019	Fuel Hose (Primer Assembly to Carburetor, 160 mm)	1
2	760961009	Switch	1
3	660918002	Screw (M5 x 27 mm, T25 Torx Pan Hd.)	1
4	638295001	Throttle Rod	1
5	678325001	Throttle Spring	1
6	518428004	Safety Rocker Arm	1
7	638296001	Spring Pin	1
8	518466004	Trigger	1
9	561424001	Grommet	1
10	518429001	Grip Cover	1
11	308550008	Handle	1
12	300759005	Fuel Filter Assembly	1
13	308612006	Chain Oil Cap	1
14	562967003	LP-1500 Tubing (205.00 mm)	1
15	308611005	Fuel Cap Assembly	1
16	300780002	Primer Assembly	1
17	690699001	Hose Clip	1
18	570373017	Fuel Hose (Primer Assembly to Tank, 153 mm)	1
19	308583001	Fuel Breather Assembly	1

RYOBI CHAIN SAW – MODEL NUMBER RY3818



*** Non-Reuseable Parts

The model number and mfg number will be found on a label attached to the rear handle housing. Always mention the model number and mfg number in all correspondence regarding your **CHAIN SAW** or when ordering replacement parts.

PARTS LIST (FIGURE C)

KEY NO.	PART NUMBER		DESCRIPTION	QTY
1	311455002		Crankcase & Crankshaft Assembly	1
2	903036002	***	Crankcase Gasket	1
3	640213001		Cylinder	1
4	660613003		Screw (M5 x 20 mm, T25 Torx Hd.)	4
5	698288001		Piston Ring	2
6	309120005		Piston	1
7	620719001		Piston Pin	1
8	678077001		Piston Pin Clip	2
9	678078001		Needle Bearing	1