



Chain Saws

Manufacturing No. 090382401, 095382401, 090382402 and 095382402

Item Nos. BM3818, BM3818VNM, BM3716 and BM3716VNM

Repair Sheet

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CHAIN SAWS – ITEM NOS. BM3818, BM3818VNM, BM3716 AND BM3716VNM

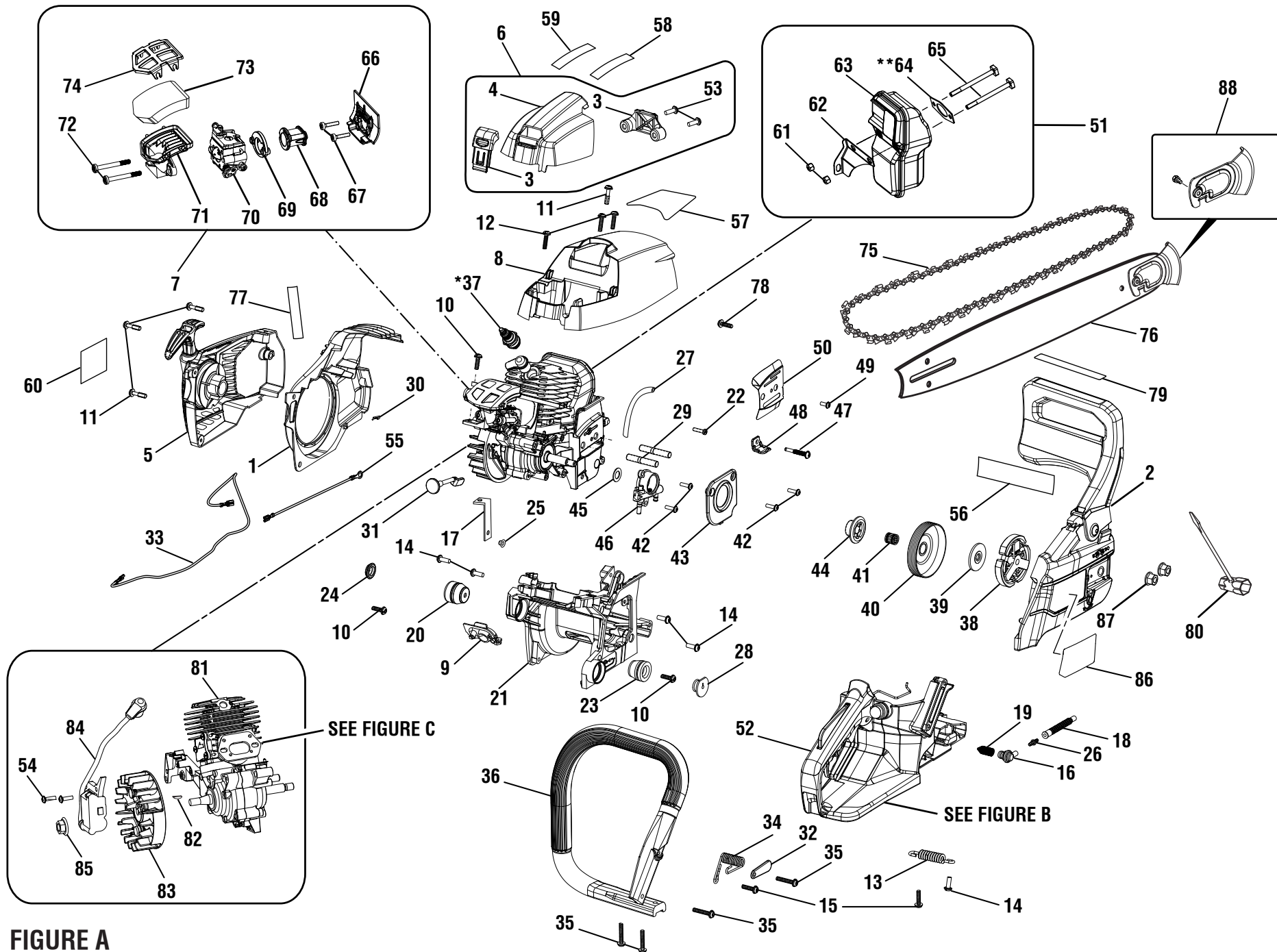


FIGURE A

CHAIN SAWS – ITEM NOS. BM3818, BM3818VNM, BM3716 AND BM3716VNM

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 A)

KEY NO.	PART NUMBER	DESCRIPTION	QTY	KEY NO.	PART NUMBER	DESCRIPTION	QTY
1	533483002	Cylinder Baffle	1	23	561426001	Damper Rubber	1
2	313866007	Clutch Cover Assembly (BM3716, BM3716VNM; Inc. Key Nos. 56, 79, & 86)	1	24	518435001	Damper Cap	1
	313866006	Clutch Cover Assembly (BM3818, BM3818VNM; Inc. Key Nos. 56, 79, & 86)	1	25	678320001	Eyelet	1
3	314046001	Carburetor Cover Latch and Bracket Assembly	1	26	518413001	Joint For Pipe In Comp	1
4	532595004	Carburetor Cover Housing	1	27	563968002	Oil Pump Rubber Tube (Outlet)	1
5	313867004	Starter Housing Assembly (Inc. Key Nos. 60 & 77)	1	28	518434001	Damper Cap (T)	1
6	313868004	Carburetor Cover Assembly (Inc. Key Nos. 58-59)	1	29	660503006	Bar Stud (5/16-18 x 23.5 mm / 5/16-18 x 18 mm)	2
7	311457003	Intake Assembly	1	30	631034001	Hair Pin	1
8	313869004	Cylinder Housing Assembly (Inc. Key No. 57) ..	1	31	518415008	Choke Rod	1
9	518417001	Grommet	1	32	678332001	Damper Plate	1
10	660918003	Screw (M5 x 16 mm, T25 Torx Pan Hd.)	3	33	291894001	Lead Wire Assembly (Red)	1
11	660637001	Screw (M5 x 22 mm, T25 Torx Pan Hd.)	4	34	678322001	Damper Spring	1
12	660918001	Screw (M5 x 14 mm, T25 Torx Pan Hd.)	3	35	660918002	Screw (M5 x 27 mm, T25 Torx Pan Hd.)	4
13	678321001	Damper Spring	1	36	518691001	Handle	1
14	660917002	Screw (M5 x 0.8 mm, T25 Torx Pan Hd.)	5	37	870174002	* Spark Plug (Torch/L7RTC)	1
15	660918004	Screw (M5 x 14 mm, T25 Torx Pan Hd.)	2	38	310535001	Clutch	1
16	561421001	Oil Filter Grommet	1	39	678313002	Thrust Plate	1
17	901376002	Band Stopper	1	40	309418001	Clutch Drum	1
18	561449001	Pipe In Oil Pump Rubber	1	41	681933001	Clutch Drum Needle Bearing	1
19	678407001	Cone Spring	1	42	660916003	Screw (M4 x 14 mm, T20 Torx Pan Hd.)	4
20	561428001	Rubber Damper	1	43	518414001	Oil Pump Cover	1
21	518442004	Engine Case	1	44	518865001	Oil Pump Drive Gear	1
22	518411001	Pin (Oil Pump Outlet)	1	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

* Standard Hardware Item – May Be Purchased Locally

** Non-Reuseable Parts

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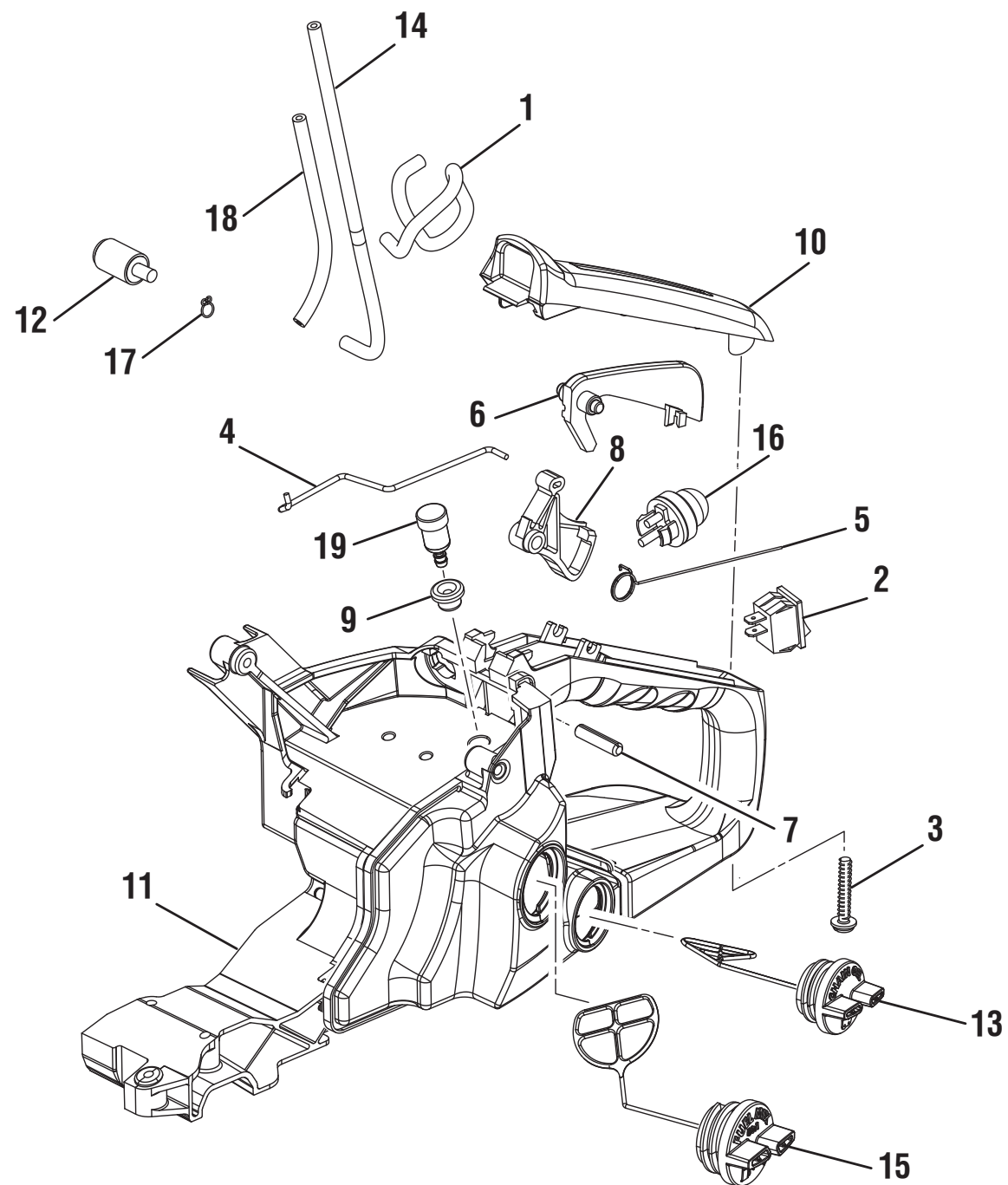
PARTS LIST (FIGURE A)

KEY NO.	PART NUMBER	DESCRIPTION	QTY	KEY NO.	PART NUMBER	DESCRIPTION	QTY
48	631035004	Chain Catcher	1	73	560873013	Foam Air Filter	1
49	660916001	Screw (M4 x 12 mm, T20 Torx Pan Hd.).....	1	74	534173001	Air Filter Retainer	1
50	638309003	Chain Guard Plate	1	75	901361002	16 in. Chain (BM3716 & BM3716VNM, 3/8LP, 56DL)	1
51	311458001	Exhaust Assembly	1		901361003	18 in. Chain (RY3716, 3/8LP, 56DL)	1
52	307246012	Chassis & Handle Components	1	76	315339001	16 in. Guide Bar Assembly (Inc. Key No. 88) (BM3716 & BM3716VNM)	1
53	660922001	Screw (M4 x 10 mm, T20 Torx Pan Hd.).....	2		315338001	18 in. Guide Bar Assembly (Inc. Key No. 88) (BM3818 & BM3818VNM)	1
54	660916003	Screw (M4 x 14 mm, T20 Torx Hd.).....	2	77	940654088	Combustion Warning Label	1
55	291893001	Lead Wire Assembly (Black).....	1	78	660917004	Screw (M5 x 11 mm., T25 Torx Pan Hd.).....	1
56	941009094	Chain Brake Label (BM3716 & BM3716VNM) ..	1	79	941009045	Pull To Release Brake Label	1
	941009095	Chain Brake Label (BM3818 & BM3818VNM) ..	1	80	631055005	Combination Wrench.....	1
57	941009044	Warning Label	1	81	309893007	Short Block.....	1
58	941166026	Starting Label (Right).....	1	82	690688001	Woodruff Key	1
59	941009097	Starting Label (Left)	1	83	309001002	Flywheel Assembly.....	1
60	941009096	Starting House Label.....	1	84	309266003	Ignition Assembly	1
61	678311001	Hex Nut (M5, Muffler)	2	85	690689001	Hex Flange Nut (M8).....	1
62	638293004	Muffler Bracket	1	86	941166024	Bar Cover Label.....	1
63	309377006	Muffler	1	87	678339003	Hex Nut (5/16-18).....	2
64	901380001	** Gasket (Muffler)	1	88	314926002	Bar Nose Kit	1
65	660915001	Screw (M5 x 62 mm, Square Hd.)	2		Not Shown:		
66	518864003	Heat Dam	1		995000939	Operator's Manual	
67	662395001	Bolt (M9 x 19 mm, T25 Torx Pan Hd.)	2		580527001	16 in. Scabbard (BM3716 & BM3716VNM)	
68	570243003	Intake Boot	1		580464002	18 in. Scabbard (BM3818 & BM3818VNM)	
69	678694002	Intake Bracket	1		308552007	Carrying Case (BM3818 & BM3818VNM)	
70	308054203	Carburetor Assembly.....	1		10-31-19		
71	518465002	Air Box Base.....	1		(Rev:01)		
72	660454015	Screw (M5 x 44 mm, T25 Torx Hd. Carburetor).....	2				

* Standard Hardware Item – May Be Purchased Locally

** Non-Reuseable Parts

FIGURE B



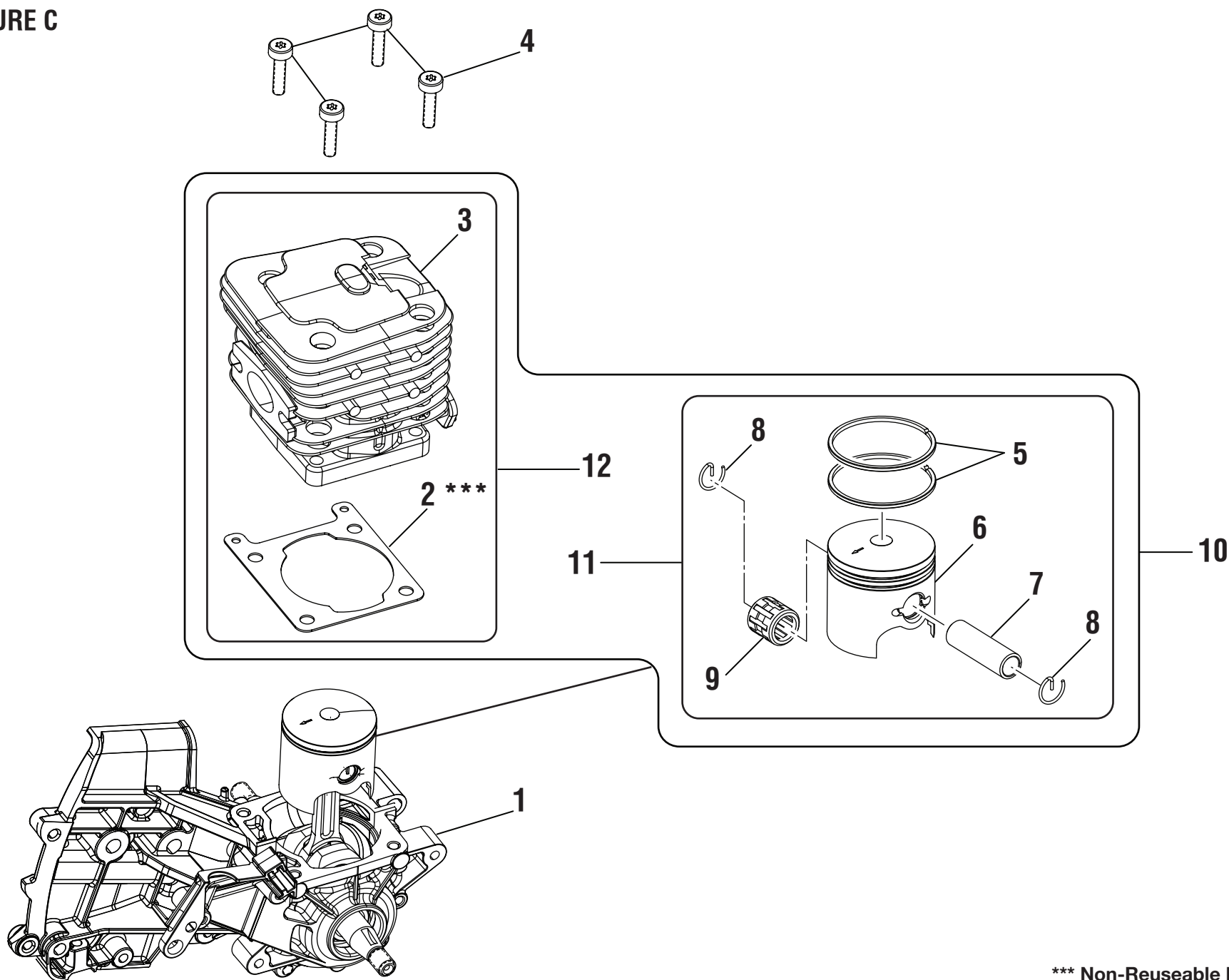
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PARTS LIST (FIGURE B)

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	518428007	Safety Lockout.....	1
7	638296001	Spring Pin	1
8	518466007	Trigger	1
9	561424001	Grommet.....	1
10	518429001	Grip Cover.....	1
11	308550006	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	300780003	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

FIGURE C



*** Non-Reuseable Parts

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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	694345001	Piston Ring.....	2
6	314269001	Piston	1
7	620719001	Piston Pin.....	1
8	678077001	Piston Pin Clip	2
9	678078001	Needle Bearing	1
10	314621001	Top End Engine Kit (Inc. Key Nos. 2-3 & 5-9)	1
11	315483001	Piston Kit.....	1
12	315484001	Engine Cylinder w/Cylinder Gasket	1

*** Non-Reusable Parts