

REPAIR SHEET

BRAND

RYOBI

DESCRIPTION

MODEL NO.

MFG. NO.

RY251PH

090333053

RY252CS

090333054

RY253SS

090333055

RY251PHVNM

095333107

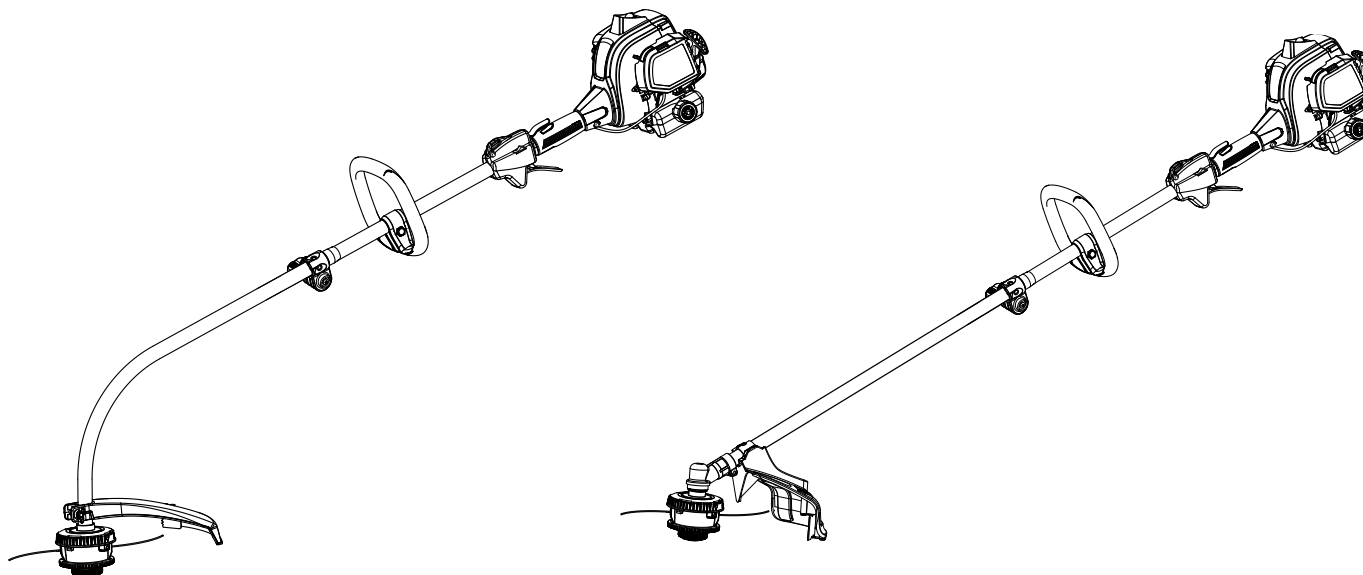
RY252CSVNM

095333108

RY253SSVNM

095333109

25cc String Trimmers

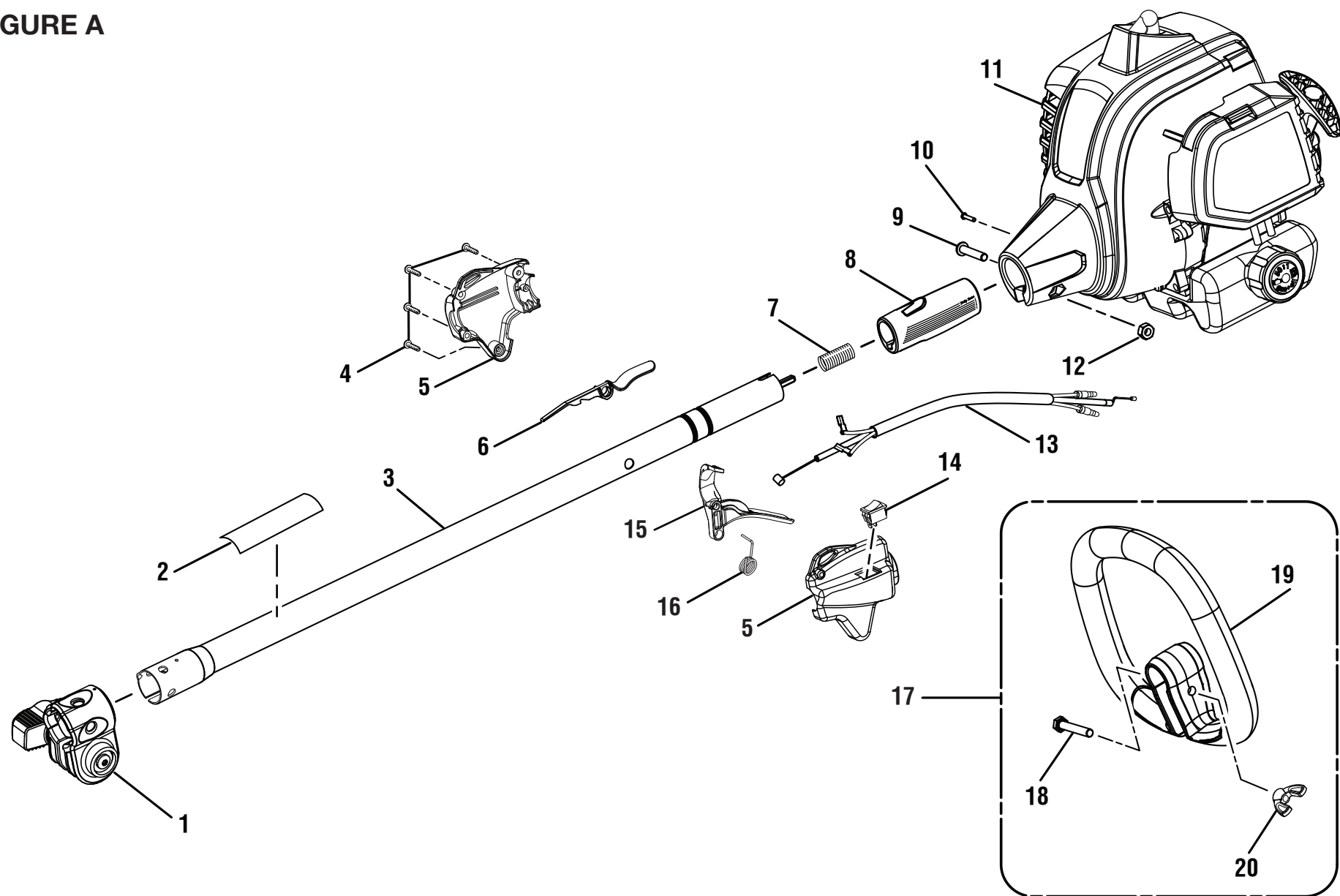


TECHTRONIC INDUSTRIES POWER EQUIPMENT

P.O. Box 1288, Anderson, SC 29622 ■ 1-800-525-2579 ■ www.ryobitools.com

3-9-21 (Rev:02)

The model number and manufacturing location will be found on a label attached to the product. Always mention this information in all communications regarding this product and when ordering parts.

FIGURE A



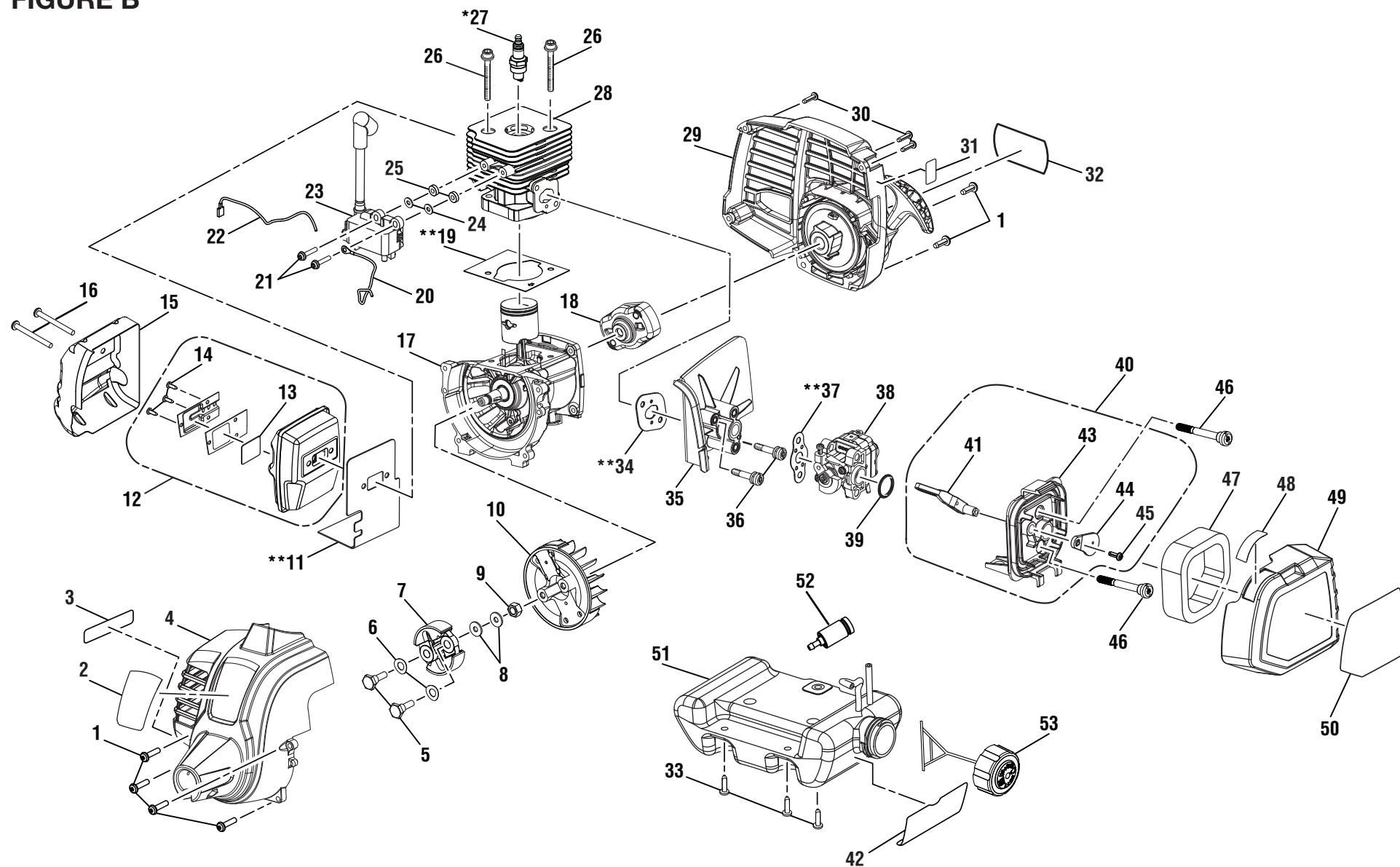
RY251PH/RV251PHVNM, RY252CS/RV252CSVNM, RY253SS/RV253SSVNM

PARTS LIST — FIGURE A

KEY NO.	PART NO.	DESCRIPTION	QTY.
1	315386001	Boom Clamp Assembly	1
2	940657164	Warning Icon Label	1
3	205370001	Upper Boom Assembly (Inc. Key Nos. 1-2)	1
4	660563002	Screw (M4 x 20 mm, T20 Torx Hd. S.T.)	4
5	310831005	Control Handle Assembly (Inc. Key No. 4)	1
6	518695009	Trigger Lock	1
7	690140011	Compression Spring	1
8	570234010	Rear Handle Grip	1
9	T660697001	Screw (M6 x 30 mm, T27 Torx Button Hd.)	1
10	660925011	Screw (M4 x 8 mm, T20 Torx Pan Hd. S.T.)	1
11	205044002	Powerhead Assembly w/Labels	1

KEY NO.	PART NO.	DESCRIPTION	QTY.
12	678029002	Hex Nut (M6 x 1)	1
13	307318001	Throttle Cable and Wire Assembly	1
14	760961002	On/Stop Switch	1
15	518696020	Trigger	1
16	690694002	Trigger Spring	1
17	308991003	Front Handle Assembly (Inc. Key Nos. 18-20)	1
18	660643008	Screw (1/4-20 x 40 mm, Cap Hex Hd.)	1
19	526764002	Front Handle	1
20	518949001	Wing Nut (1/4-20)	1
	Not Shown:		
	998000028	Operator's Manual	

FIGURE B





RY251PH/RV251PHVNM

PARTS LIST — FIGURE B

KEY NO.	PART NO.	DESCRIPTION	QTY.
1	660344001	Screw w/Washer (M5 x 20 mm, T20 Torx Pan Hd.)	6
2	940627041	Logo Label (Front)	1
3	940654088	Combustion Warning Label	1
4	205082001	Front Housing Assembly (Inc. Key Nos. 2-3)	1
5	660353001	Clutch Shoulder Bolt (M6 x 22.5 mm, Hex Hd.)	2
6	690696001	Curved Washer	2
7	307091001	Clutch Assembly	1
8	690695001	Washer (ID6 x OD15 x 1.2t)	2
9	690689001	Flywheel Nut	1
10	307156001	Flywheel	1
11**	630002032	Muffler Gasket	1
12	300748043	Muffler Assembly (Inc. Key Nos. 13-14)	1
13	638268001	Screen	1
14	660870001	Screw (6-20 x 1/4 in., T20 Torx Pan Hd. S.T.)	3
15	638027002	Heat Shield	1
16	660347001	Screw (M5 x 50 mm, T25 Torx Pan Hd.)	2
17	307192001	Crankcase Assembly	1
18	308004003	Starter Cup	1
19**	900709007	Gasket	1
20	290143002	Lead Wire (Red)	1
21	660968004	Screw w/Washer (M4 x 22 mm, T20 Torx Pan Hd. S.T.)	2
22	290143001	Lead Wire (Black)	1
23	291337008	Digital Module Assembly	1
24	690969001	Washer (ID4.2 x OD10 x 1t)	2
25	590462001	Spacer (Phenolic)	2
26	660342001	Screw (M5 x 22 mm, Soc. Hd.)	2
27*	870174002	Spark Plug (Torch L7RTC)	1
28	642368001	Cylinder	1

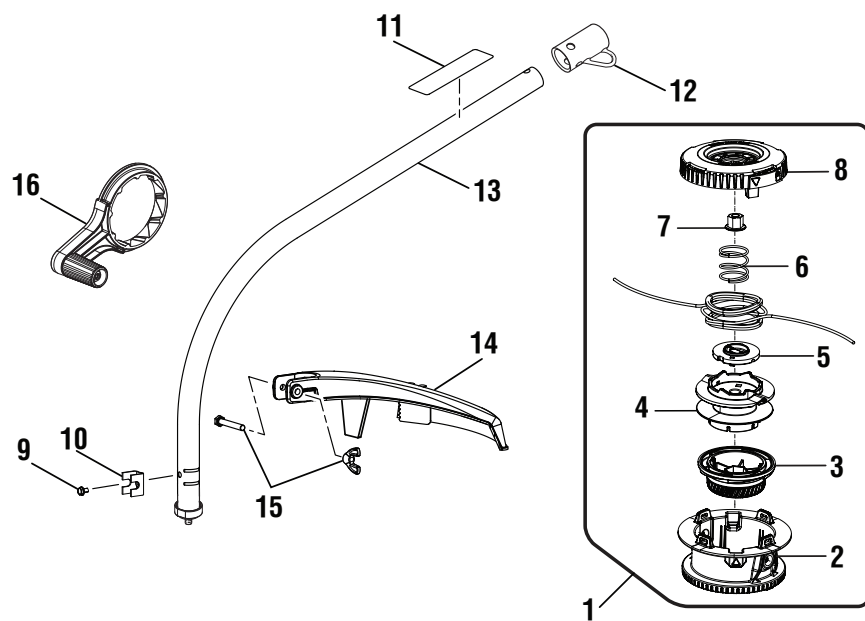
KEY NO.	PART NO.	DESCRIPTION	QTY.
29	307157002	Rear Housing and Starter Assembly (Inc. Key Nos. 31-32)	1
30	660563002	Screw (M4 x 18 mm, T20 Torx Pan Hd. S.T.)	3
31	941788001	Primer Bulb Location Label	1
32	940627042	Logo Label (Rear)	1
33	660970002	Shoulder Screw (M4 x 14 mm, T25 Torx Truss Hd. S.T.)	3
34**	903279002	Insulator Gasket	1
35	528275001	Heat Dam Insulator	1
36	T662210002	Screw (M5 x 30 mm, T25 Torx Pan Hd. S.T.)	2
37**	903034001	Gasket	1
38	307160011	Carburetor Assembly (Inc. Key No. 39)	1
39	563841001	Carburetor O-Ring	1
40	307191001	Airbox Base Assembly (Inc. Key Nos. 41-45)	1
41	591442001	Choke Lever	1
42	940864004	Fuel Mixture Label	1
43	591440001	Air Box Base	1
44	590946001	Choke Plate	1
45	660345001	Screw (M4 x 12 mm, T20 Torx Pan Hd. S.T.)	1
46	660454020	Shoulder Screw (M5 x 45 mm, T25 Torx Pan Hd.)	2
47	560873001	Air Filter	1
48	940647111	Choke Position Label	1
49	308649003	Airbox Cover (Inc. Key Nos. 48 & 50)	1
50	940686168	Starting Instructions Label	1
51	308682055	Fuel Tank and Cap Assembly (Inc. Key Nos. 42 and 52-53)	1
52	310976001	Fuel Filter	1
53	310816018	Fuel Cap Assembly	1
	Not Shown:		
	000998930	Spark Arrestor Kit (Inc. Key Nos. 13-14)	
	120900307	High Altitude Kit (Not Included)	

* Standard Hardware Item – May Be Purchased Locally

** Non-Reuseable Parts = Keys 11, 19, 34 & 37

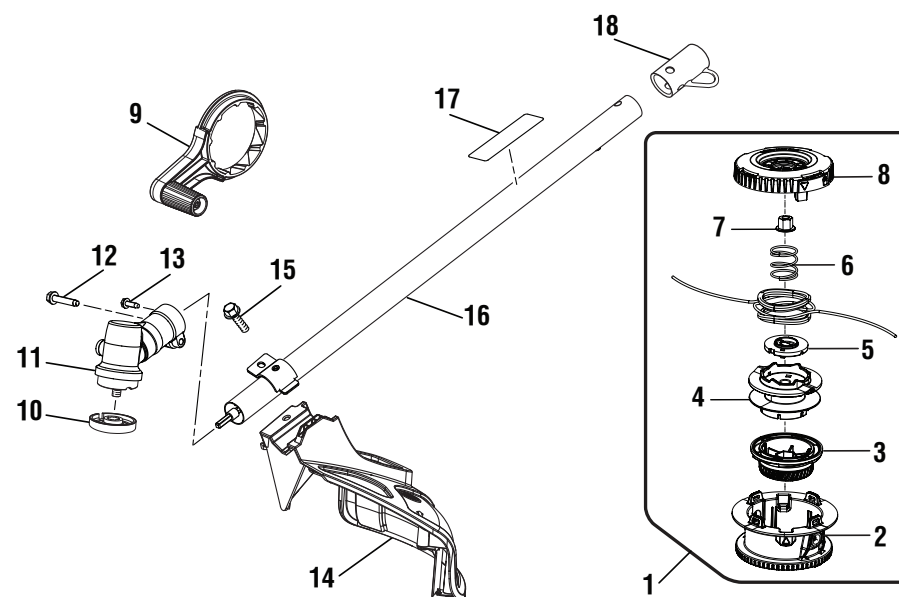


RY252CS/Ry252CSVNM, RY253SS/RY253SSVNM



PARTS LIST — RY252CS/RY252CSVNM

KEY NO.	PART NO.	DESCRIPTION	QTY.
1	314608001	Trimmer Head Assembly (.095) (Inc. Key Nos. 2-8)	1
2	537189001	Bump Head	1
3	530455002	Bump Knob (Green)	1
4	530670001	Spool	1
5	529803001	String Guide	1
6	679958001	Compression Spring	1
7	662569001	Hex Nut (M8)	1
8	314796001	Locking Assembly	1
9	660647001	Screw (#10-32 x 3/8 in., Hex Washer Hd. S.T.)	1
10	638001001	Clamp	1
11	940657165	Warning Icon Label	1
12	518019002	Storage Hanger Cap	1
13	205371001	Curved Shaft Assembly (Inc. Key Nos. 9-12)	1
14	308744010	Grass Deflector Assembly (Inc. Key No. 15)	1
15	205012001	Fastener Kit	1
16	532048001	Crank Handle	1



PARTS LIST — RY253SS/RY253SSVNM

KEY NO.	PART NO.	DESCRIPTION	QTY.
1	314608002	Trimmer Head Assembly (.095) (Inc. Key Nos. 2-8)	1
2	537189001	Bump Head	1
3	530455002	Bump Knob (Green)	1
4	530670001	Spool	1
5	529803001	String Guide	1
6	679958001	Compression Spring	1
7	662568002	Hex Nut (M8, L.H. Thread)	1
8	314796001	Locking Assembly	1
9	532048001	Crank Handle	1
10	678011001	Flanged Washer	1
11	308210009	Gear Case Assembly	1
12	660642001	Screw (1/4-20 x 1-1/4 in., Hex Washer Hd. S.T.)	1
13	660641001	Screw (10-24 x 5/8 in., Hex Washer Hd. S.T.)	1
14	308473004	Grass Deflector Assembly (Inc. Key No. 15)	1
15	660738002	Screw (1/4-20 x 7/8 in., Hex Hd.)	1
16	205372001	Straight Shaft Assembly (Inc. Key Nos. 17-18)	1
17	940657165	Warning Icon Label	1
18	518019002	Storage Hanger Cap	1