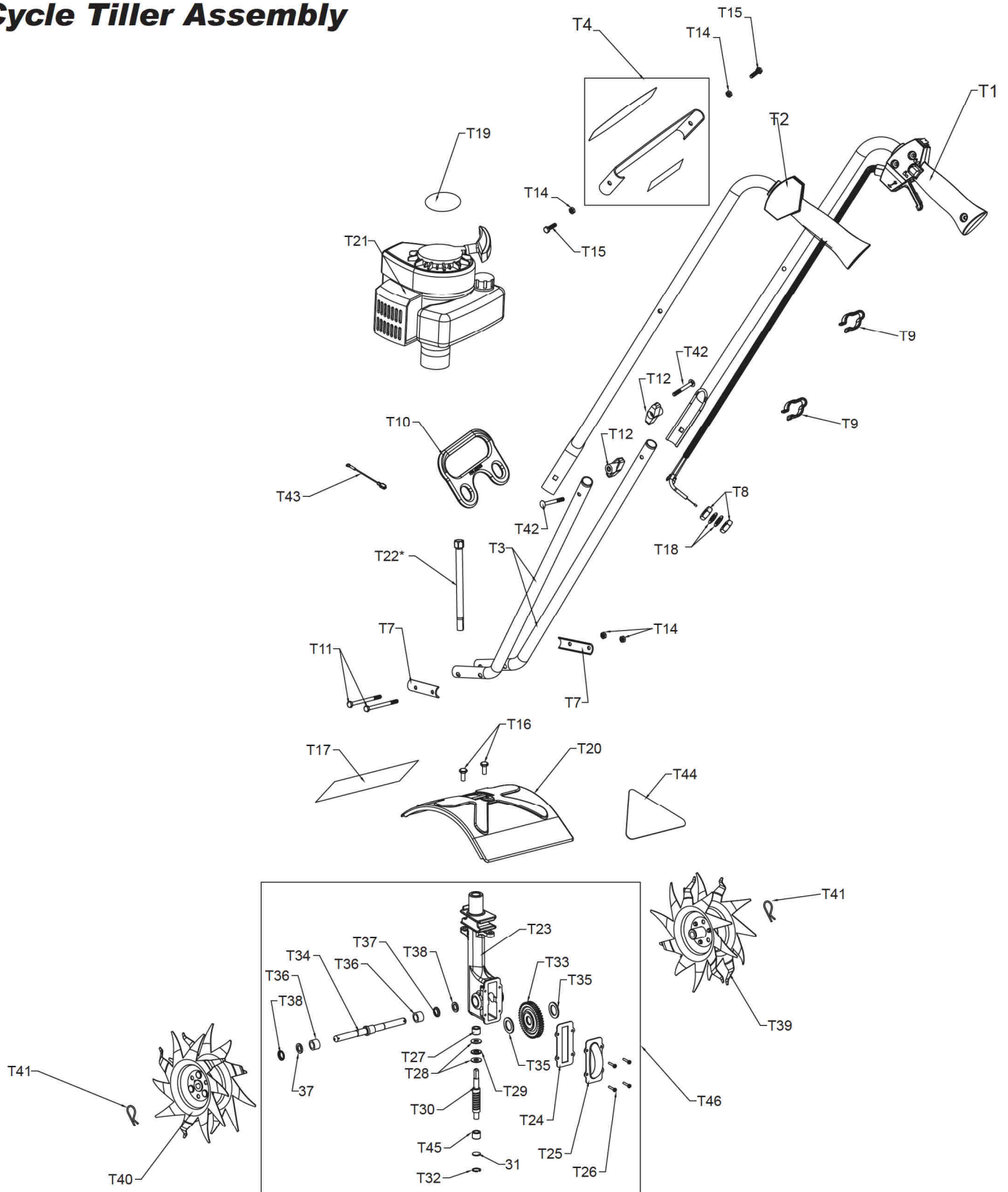


2-Cycle Tiller Assembly



Parts List

Key	Qty.	Part No.	Description
T26	4	651	#8 Self Tapping Screw
T27	1	423	Roller Bearing
T28	2	425	Worm Bearing Race
T29	1	424	Worm Thrust Bearing
T30	1	422	Worm Shaft
T31	1	426	Worm Disk
T32	1	428	Retaining Ring
T33	1	429	Worm Gear
T34	1	431	Tine Shaft
T35	2	430	Worm Gear Thrust Washer
T36	2	432	Worm Gear Bearing
T37	2	434	Bearing Seal
T38	2	435	Bearing Seal Retainer
T39	1	438RA	Tine Assembly, Right
T40	1	438LA	Tine Assembly, Left
T41	2	418-1	Tine Retaining Pin
T42	2	400509	Carriage Bolt 1/4-20 X 2.25"
T43	1	430042	Ground Wire Jumper, 2 Cycle Engine
T44	1	400630	Triangle Warning Label (2 Cycle Engine)
T45	1	458	Roller Bearing
T46	1	400010	Worm Gear Transmission Assembly

Key	Qty.	Part No.	Description
T1	1	430160	Upper Handle Throttle Side Assembly
T2	1	430161	Upper Handle Assembly, Left
T3	2	430082	Lower Handle W/Plug
T4	1	430163	Handle Brace Assembly
T7	2	377	Handle Clamp
T8	2	4078	M6 Jam Nut
T9	2	478	Throttle Clip
T10	1	400133	Carry Handle
T11	2	470	Bolt 1/4-20 X 3"
T12	2	400523	Knob, Two Prongs, Female
T14	4	972	1/4-20 Two-Way Lock Nut
T15	2	144-2	1/4-20 X 1.125 Hex Head Cap Screw
T16	2	140	Bolt 1/4-20 X 3/8" Long
T17	1	430058	Mantis Logo Label
T18	2	4079	M6 Internal Lock Washer
T19	1	487MA	Engine Label
T20	1	465	Fender Guard
T21	1	400908	Engine Assembly SV-5C/2
T22*	1	468	Drive Shaft
T23	1	466	Worm Gear Housing
T24	1	436	Gasket
T25	1	437A	Gear Housing Cover

*Also in key T46

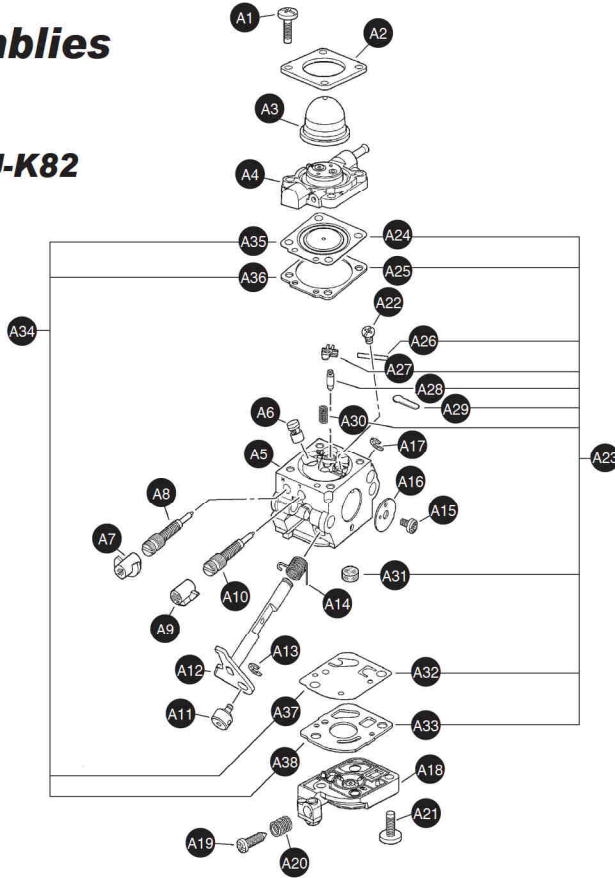


Parts Assemblies

Model 7228
SV-5C/2 Engine

Carburetor - C1U-K82

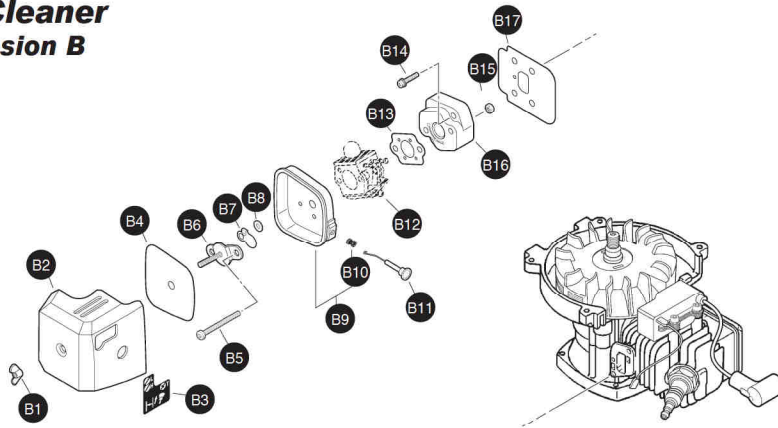
Explosion A



Key	Part No.	Qty.	Description
	A021001090	1	Carburetor - C1U-K82
A1	P005000980	4	Screw, Purge Bulb Retainer
A2	P005000620	1	Retainer, Purge Bulb
A3	12538108660	1	Bulb, Purge
A4	P005000970	1	Base, Purge
A5	-----	1	Body, Carburetor / Not Available Separately
A6	12537613120	1	Nozzle, Check Valve
A7	12532939030	1	Cap, Limiter
A8	12532013310	1	Needle - High Speed
A9	12532909860	1	Cap, Limiter
A10	12531813120	1	Needle - Low Speed
A11	12537242030	1	Swivel
A12	P005001070	1	Shaft, Throttle
A13	12532713930	1	Ring, Retaining
A14	12531342030	1	Spring, Return
A15	12531413930	1	Screw, Valve
A16	12531649030	1	Valve, Throttle
A17	12532715130	1	Ring, Retaining
A18	12532412820	1	Base, Purge
A19	12533406960	1	Screw, Idle Adjust
A20	12533306960	1	Spring, Idle Adjust
A21	12531012820	2	Screw, Pump Cover
A22	12533942030	1	Screw, Metering Lever Pin
A23	12530013120	1	Repair Kit / Includes Items 24-33
A24	-----	1	Diaphragm, Metering
A25	-----	1	Gasket, Metering Diaphragm
A26	-----	1	Pin, Metering Lever
A27	-----	1	Lever, Metering
A28	-----	1	Valve, Inlet Needle
A29	-----	1	Plug, Welch
A30	-----	1	Spring, Metering Lever
A31	-----	1	Strainer
A32	-----	1	Diaphragm, Pump
A33	-----	1	Gasket, Pump
A34	12530313120	1	Diaphragm/Gasket Kit / Includes Items 35-38
A35	-----	1	Diaphragm, Metering
A36	-----	1	Gasket, Metering
A37	-----	1	Diaphragm, Pump
A38	-----	1	Gasket, Pump

Air Cleaner

Explosion B

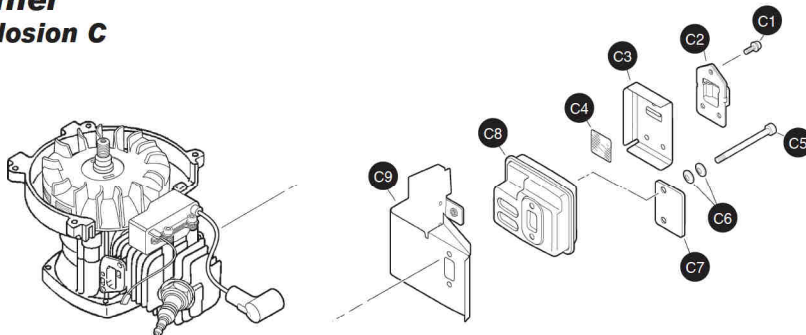


Key	Part No.	Qty.	Description
B1	90052800005	1	Wingnut - 6
B2	13032611522	1	Cover, Air Filter
B3	89012147530	1	Label - Choke
B4	13031004560	1	Filter, Air
B5	90024205057	2	Screw - 5X57
B6	13041005360	1	Plate, Prevent
B7	17851504560	1	Shutter, Choke
B8	17851600830	1	Washer - 5
B9	13030104560	1	Case, Air Filter Includes Item 10
B10	17881005230	1	Grommet
B11	17851004560	1	Rod, Choke
B12	-----	1	Carburetor ¹
B13	13001642031	1	Gasket, Intake
B14	90023805020	2	Screw - 5X20
B15	90050000005	2	Nut - 5
B16	13001742031	1	Insulator, Intake
B17	V103000490	1	Shield, Intake

¹See Carburetor Diagram For Details

Muffler

Explosion C



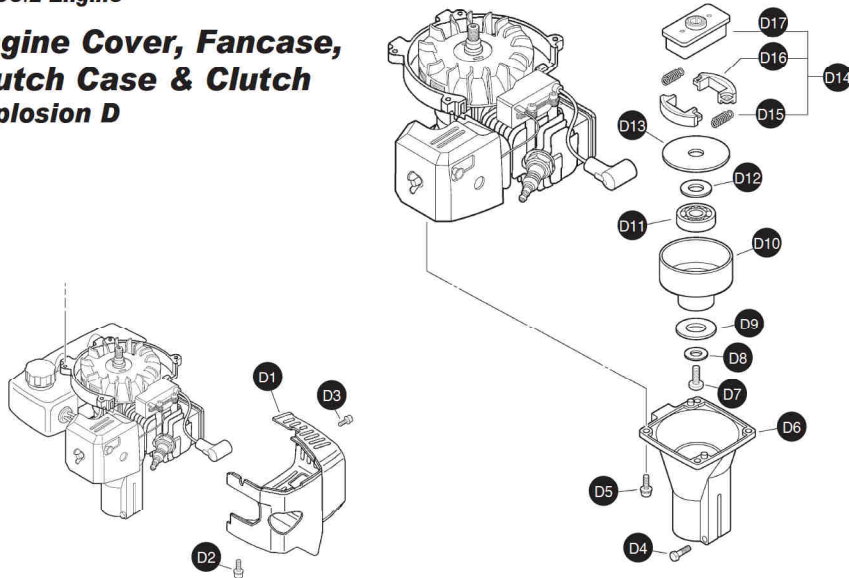
Key	Part No.	Qty.	Description
C1	9136704012	3	Screw - 4X12
C2	A313000700	1	Guide, Exhaust
C3	V104000072	1	Gasket, Exhaust/Included In Gasket Kit
C4	14586240630	1	Screen, Spark Arrester
C5	90010505055	2	Screw - 5X55
C6	V347000000	1	Washer - Conical
C7	V150000371	1	Plate
C8	A300000521	1	Muffler
C9	V104000590	1	Shield Exhaust/Included In Gasket Kit

Parts Assemblies

Model 7228

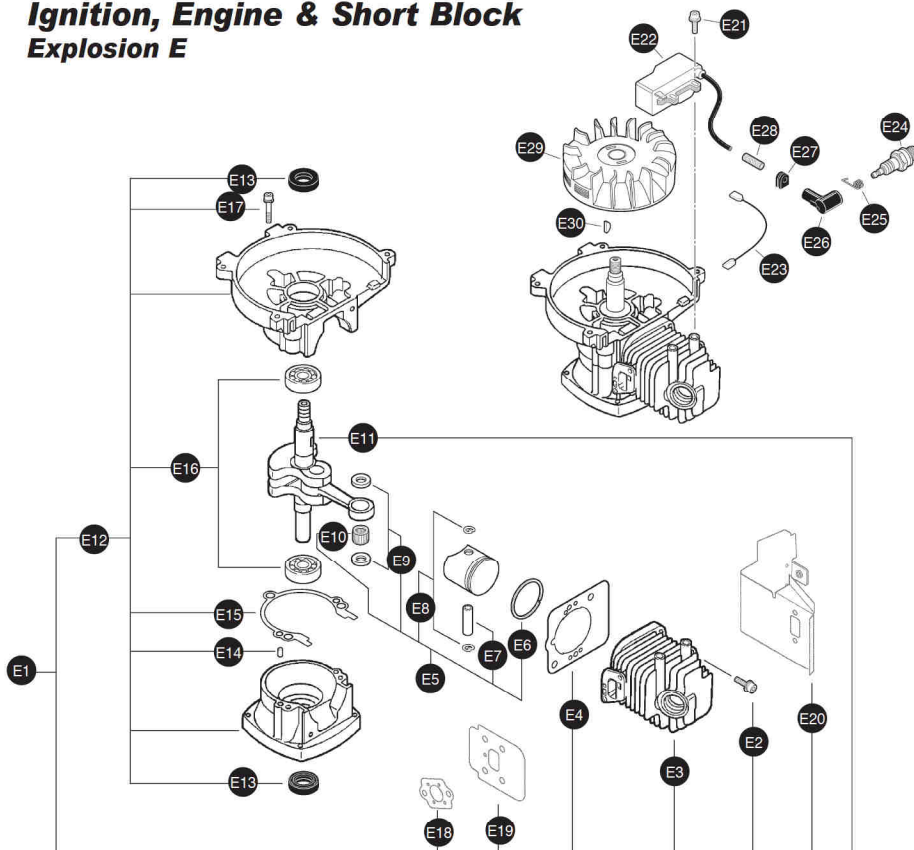
SV-5C/2 Engine

Engine Cover, Fancase, Clutch Case & Clutch Explosion D



Key	Part No.	Qty.	Description
D1	A160000610	1	Cover, Engine
D2	90023804018	2	Screw - 4X18
D3	9110704008	1	Screw - 4X8
D4	13041611520	1	Bolt - 5X25
D5	90023804018	4	Screw - 4X18
D6	61022311520	1	Case, Clutch
D7	90023806012	1	Screw - 6X12
D8	17501411520	1	Washer, Clutch
D9	17504404630	1	Washer, Clutch
D10	17501004635	1	Drum, Clutch
D11	90080836000	1	Bearing, Ball - 6000
D12	90060000010	1	Washer - 10
D13	17501904630	1	Plate, Clutch
D14	17500007531	1	Clutch Assy
D15	17501805130	2	Spring, Clutch
D16	17500905131	2	Shoe, Clutch
D17	17501605020	1	Hub, Clutch

Ignition, Engine & Short Block Explosion E

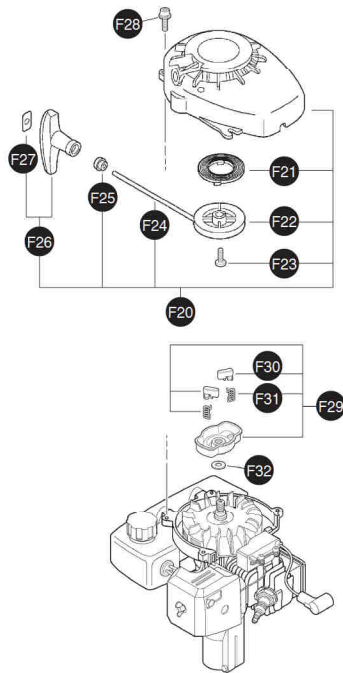


Key	Part No.	Qty.	Description
E1	SB1087	1	Short Block -- Sb1087 Includes Items 2-17
E2	90016205022	2	Screw - 5X22
E3	A130000550	1	Cylinder
E4	V100000160	1	Gasket, Cylinder Included In Gasket Kit
E5	P021007712	1	Piston Kit Includes Items 6-9
E6	A101000090	1	Ring, Piston
E7	10001311520	1	Pin, Piston
E8	10001504630	2	Ring, Retaining
E9	10001411520	2	Spacer, Piston
E10	A011000390	1	Crankshaft Assy Includes Item 11
E11	V553000060	1	Bearing, Needle - 8
E12	10020411521	1	Crankcase Kit Items 13-17
E13	10021242031	2	Seal, Oil
E14	V622000020	2	Pin, Locating
E15	10024242030	1	Gasket, Crankcase Included In Gasket Kit
E16	9403536201	2	Bearing, Ball - 6201
E17	90016205028	3	Screw - 5X28
E18	-----	1	Gasket, Intake Included In Gasket Kit
E19	-----	1	Shield, Intake Included In Gasket Kit
E20	-----	1	Shield, Exhaust Included In Gasket Kit
E21	9111304020	2	Screw - 4X20
E22	A411000220	1	Coil, Ignition
E23	16202152830	1	Lead - Ignition
E24	15901019830	1	Spark Plug -- BPM-8Y
E25	A425000000	1	Spark Plug -- BPMR-8Y Canada Models
E26	15901103432	1	Terminal, Spark Plug Cap
E27	15901201620	1	Cap, Spark Plug
E28	15611004920	1	Grommet
E29	V475002200	1	Tube, Insulator
E30	A409000150	1	Flywheel
E30	61032502730	1	Key, Woodruff

Parts Assemblies

Model 7228
SV-5C/2 Engine

Engine Starter Explosion F

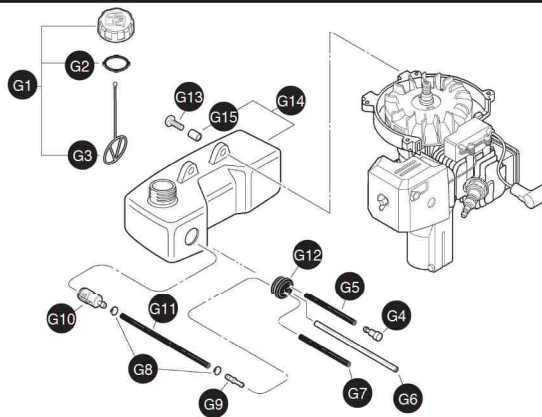


Key	Part No.	Qty.	Description
F20	A051000950	4	Starter Asy Includes Items 2-8
F21	17722042030	1	Spring, Rewind
F22	17721544430	1	Reel, Rope
F23	17723644330	1	Screw
F24	17722605530	1	Rope, Starter - 3 X 890 ¹
F25	17722742030	1	Guide, Rope
F26	17722011120	1	Starter Grip Asy Includes Item 0
F27	17724611120	1	Retainer, Rope
F28	90023804016	4	Screw - 4 X 16
F29	17720212220	1	Starter Pawl Assy Includes Items 11-12
F30	17721844330	2	Pawl, Starter
F31	17723412220	2	Spring, Return
F32	90060500008	1	Lockwasher - 8

¹RePower BULK OPTION: 99944440000

Fuel System Explosion G

Gasket Kit



Key	Part No.	Qty.	Description
G1	P021034480	1	Cap Asy - Black Includes Item 2-3
G2	V107000150	1	Gasket, Cap
G3	13105158030	1	Connector, Cap
G4	A356000031	1	Vent, Fuel Tank
G5	V471001200	1	Pipe - 3 X 5 X 70 -- Black ¹
G6	13201006460	1	Pipe - 3 X 6 X 110 -- Clear ²
G7	V471003720	1	Pipe - 3 X 5 X 70 -- Black ³
G8	V490001240	2	Clip - 6
G9	V186000520	1	Connector, Fuel Pipe
G10	13120507320	1	Filter, Fuel
G11	V471003730	1	Pipe - 3X5x140 -- Black ¹
G12	13211546730	1	Grommet
G13	90027505015	2	Screw - 5X16 -- Tapping
G14	A350000300	1	Fuel tank Asy Includes Item 15
G15	13104528230	21	Sleeve
G16	P021009110	1	Gasket Kit

¹RePower Bulk Option: 90014

²RePower Bulk Option: 90017

³RePower Bulk Option: N/A