



KOHLER

SV590S-0003

19 H.P.

FOR THE MODEL

LT 1042 (13BX11CG710)

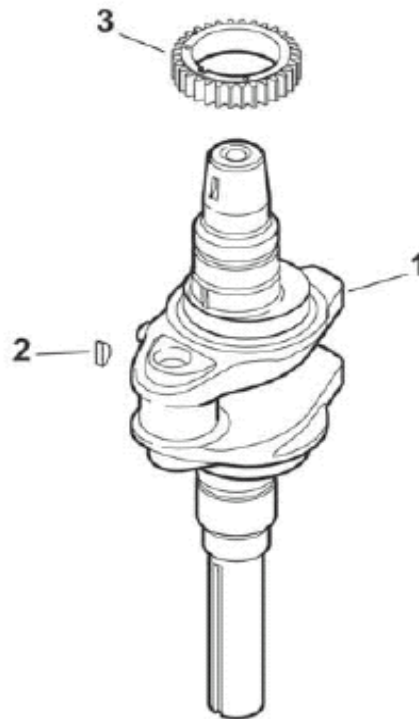
(2005)

INDEX

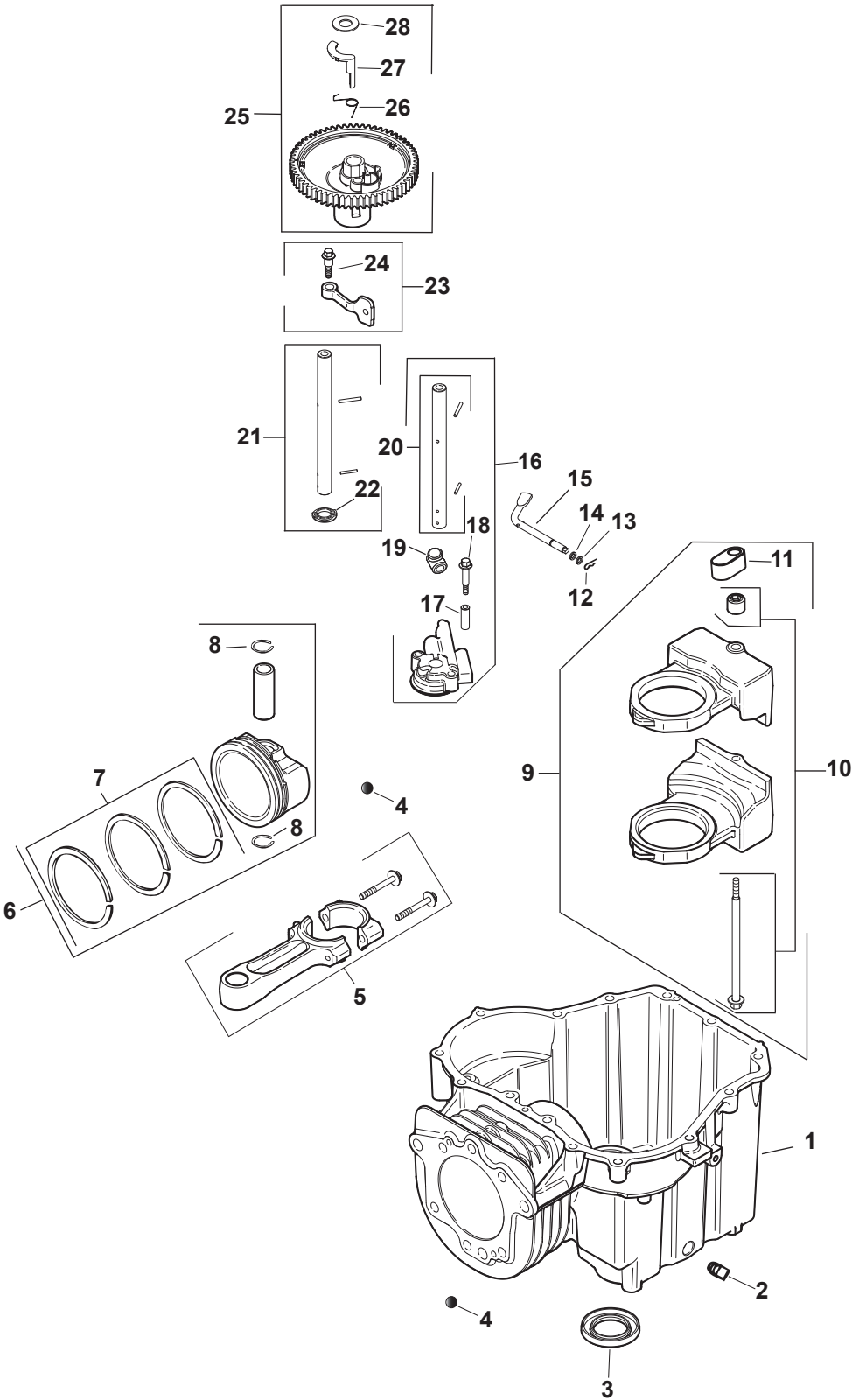
Group 1	Crankshaft	3
Group 2	Crankcase	4-5
Group 3	Oil Pan / Lubrication	6-7
Group 4	Head / Valve / Breather	8-9
Group 5	Ignition / Electrical	10-11
Group 6	Blower Housing & Baffle	12
Group 7	Starting System	13
Group 8	Fuel System	14-15
Group 9	Engine Controls	16-17
Group 10	Air Intake	18
Group 11	Exhaust	19

Group 1
Crankshaft

SV590S-0003



REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	KH-20-014-14-S	Crankshaft (Includes Ref.# 2)	1
2	KH-X-42-15	Key 3/16"	1
3	KH-20-043-12-S	Crankshaft Gear	1

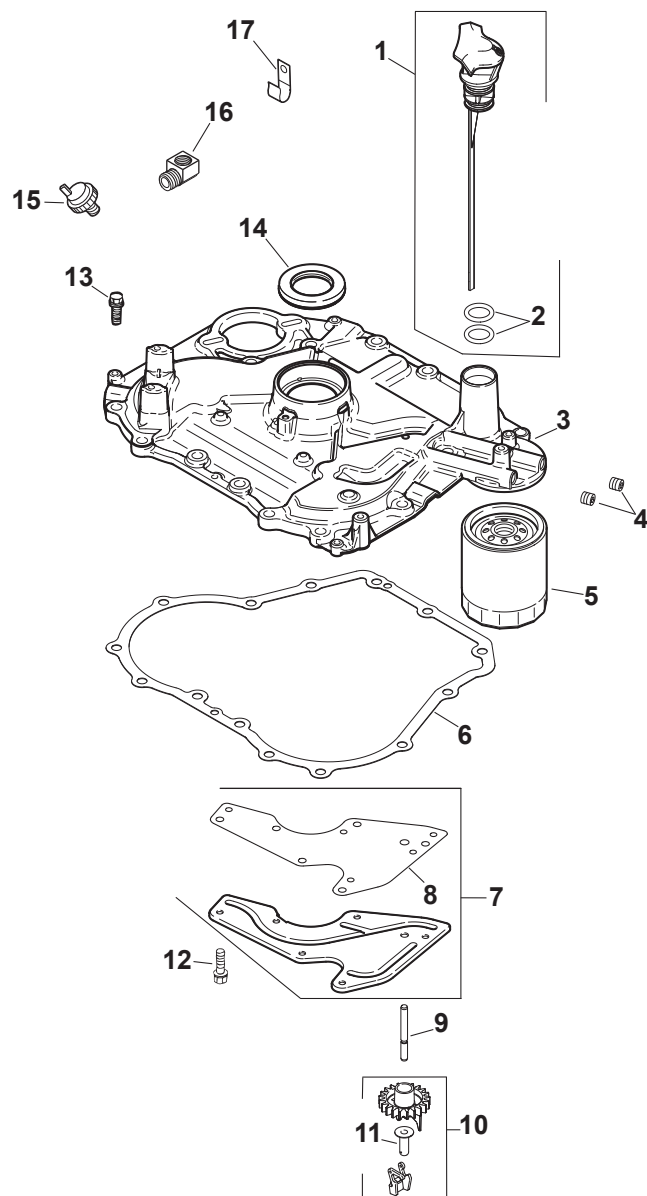


Group 2
Crankcase

SV590S-0003

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	Use Short Block	Crankcase	1
2	KH-25-139-57-S	Pipe Plug Sq. hd. 3/8"	1
3	KH-20-032-01-S	Oil Seal	1
4	KH-20-194-02-S	Check Valve Ball	1
5	KH-20-067-04-S	Connecting Rod (Std.)	1
6	KH-20-874-01-S	Piston w/Ring Set (Std.)	1
7	KH-20-108-01-S	Ring Set (94 mm)	AR
8	KH-20-018-04-S	Piston Pin Retainer	2
9	KH-20-755-04-S	Balance Weight Kit	1
10	KH-20-086-16-S	Screw/Guide Pin Kit	1
11	KH-20-423-02-S	Guide Shoe	1
12	KH-12-154-05	Hitch Pin Clip	1
13	KH-X-25-102-S	Plain Washer	1
14	KH-M-631015	Plain Washer	1
15	KH-20-144-02-S	Governor Cross Shaft	1
16	KH-20-393-02-S	Oil Pump Assembly (17-20)	1
17	KH-20-112-02-S	Oil Pump Screw Spacer	2
18	KH-20-086-13-S	Oil Pump Screw	2
19	KH-20-032-07-S	Oil Pump Outlet Seal	1
20	KH-20-393-02-S	Intake Cam Center Shaft	1
21	KH-20-144-06-S	Exhaust Cam Center Shaft	1
22	KH-20-468-01-S	Thrust Washer	1
23	KH-20-090-01-S	Cam Lever Assembly (24)	1
24	KH-20-086-06-S	Shoulder Screw	1
25	KH-20-010-03-S	Cam Gear Assembly (26-28)	1
26	KH-20-089-06-S	ACR Spring	1
27	KH-20-044-16-S	ACR Weight	1
28	KH-20-468-03-S	ACR Thrust Washer	1

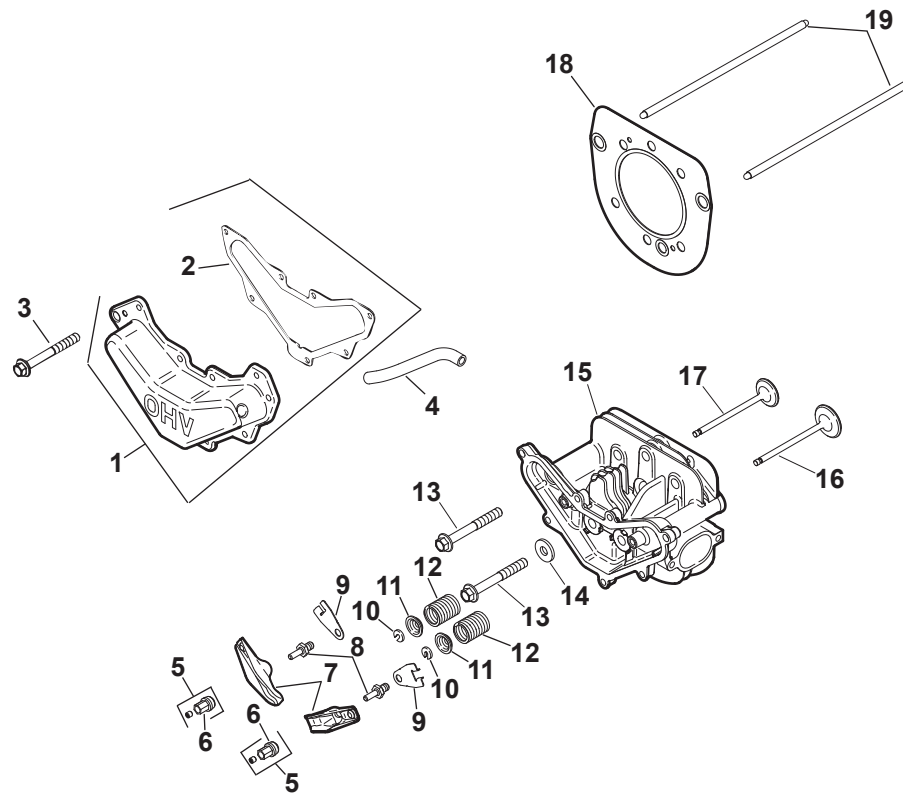
NOTE: Use Short Block KH-20-522-01



Group 3
Oil Pan / Lubrication

SV590S-0003

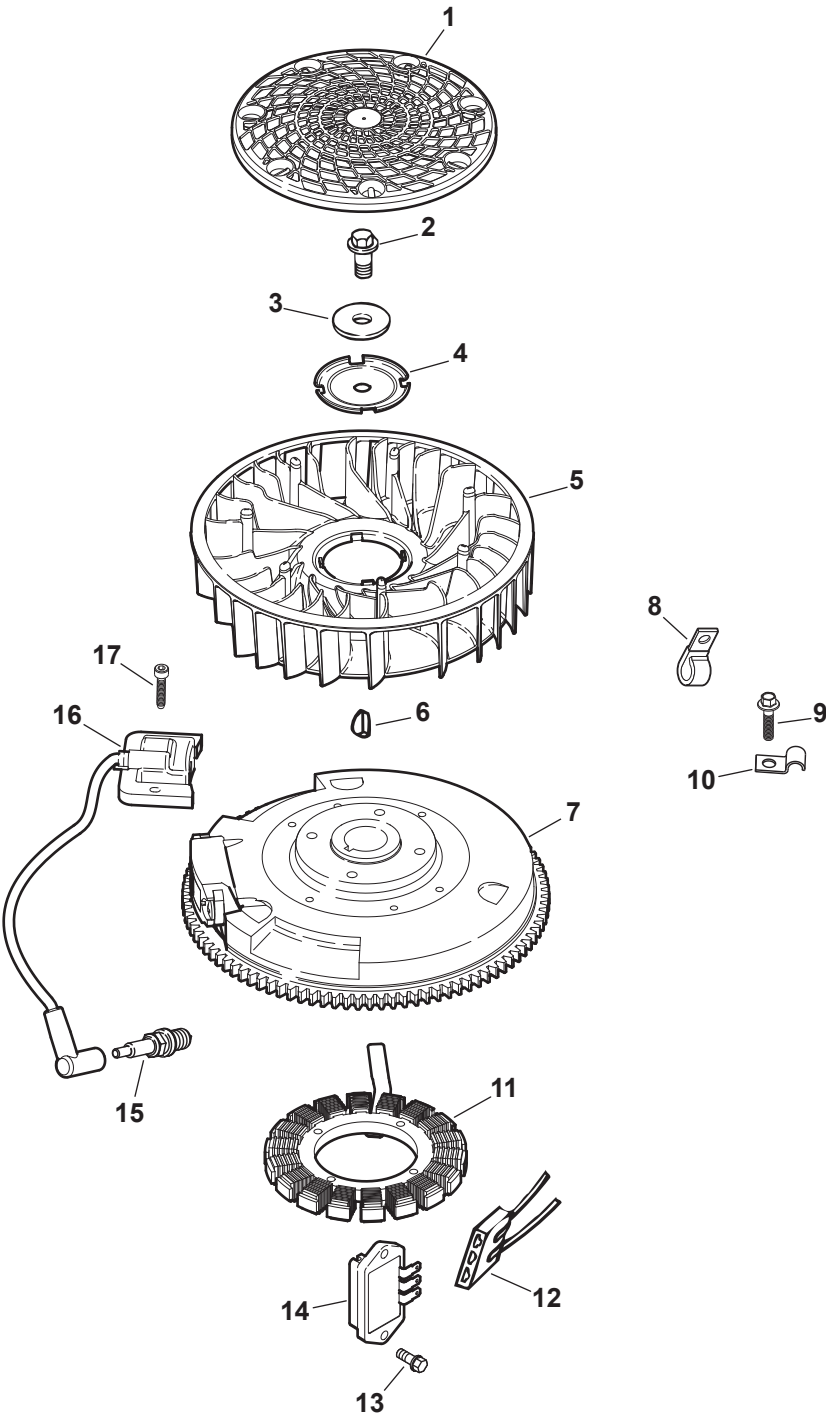
REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	KH-20-040-03-S	Dipstick Assembly Kit	1
2	KH-20-153-01-S	Dipstick O-Ring	2
3	KH-20-009-03-S	Closure Plate Assembly	1
4	KH-25-139-60-S	Pipe Plug	2
5	KH-25-050-25-S	Oil Filter	1
6	KH-20-041-01-S	Closure Plate Gasket	1
7	KH-20-096-02-S	Oil Passage Cover Kit	1
8	KH-20-041-02-S	Oil Passage Gasket	1
9	KH-20-144-03-S	Governor Gear Shaft	1
10	KH-20-310-03-S	Gear & Weight Assembly	1
11	KH-12-380-01	Governor Regulating Pin	1
12	KH-M-545013-S	Hex Flange Screw (M5 x .8 x 13)	6
13	KH-M-851030-S	Hex Flange Screw (M8 x 1.25 x 30)	14
14	KH-20-032-01-S	Oil Seal	1
15	KH-25-099-24-S	Pressure Switch	1
16	KH-25-054-13-S	1/8" N.P.T.F. Elbow	1
17	KH-231285-S	Cable Clip	1



Group 4
Head / Valve / Breather

SV590S-0003

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	KH-20-096-07-S	Valve Cover Kit	1
2	KH-20-041-13-S	Valve Cover Gasket	1
3	KH-M-645020-S	Hex Flange Screw (M6 x 1.0 x 20)	7
4	KH-20-326-01-S	Breather Hose	1
5	KH-20-599-01-S	Rocker Arm Pivot Kit	2
6	KH-20-086-04-S	Set Screw	2
7	KH-20-186-01-S	Rocker Arm	2
8	KH-20-086-03-S	Rocker Pivot Set Screw	2
9	KH-20-146-03-S	Push Rod Guide Plate	2
10	KH-20-062-01-S	Retainer Kit	2
11	KH-20-173-01-S	Valve Spring Cap	2
12	KH-20-089-03-S	Valve Spring	2
13	KH-20-086-02-S	Hex Flange Screw (M10 x 1.5 x 37)	6
14	KH-12-468-05	1/2" Flat Washer	6
15	KH-20-318-01-S	Cylinder Head	1
16	KH-20-016-01-S	Exhaust Valve	1
17	KH-20-017-01-S	Intake Valve	1
18	KH-20-841-01-S	Cylinder Head Gasket Repair Kit	1
19	KH-20-411-04-S	Push Rod	2



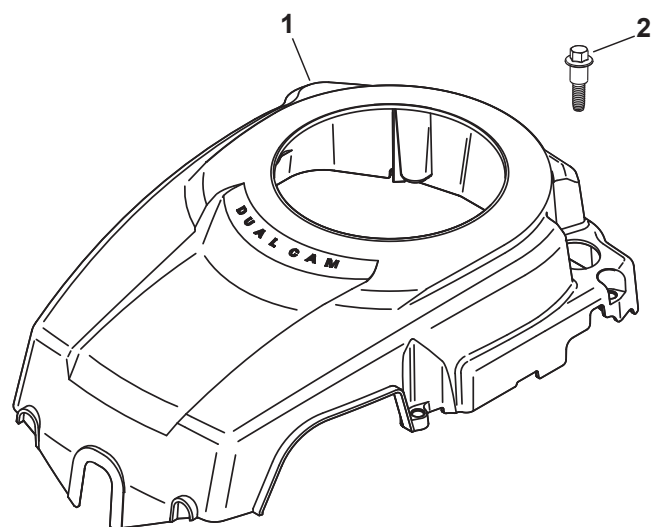
Group 5
Ignition / Electrical

SV590S-0003

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	KH-20-162-02-S	Grass Screen	1
2	KH-12-086-14	Hex Flange Screw (M10 x 1.5 x 46)	1
3	KH-12-468-03	Spring Washer	1
4	KH-20-146-02-S	Fan Mounting Plate	1
5	KH-20-157-01-S	Fan	1
6	KH-X-42-15	Woodruff Key	1
7	KH-20-025-05-S	Flywheel	1
8	KH-231285-S	Cable Clip	1
9	KH-20-086-17-S	Screw	1
10	KH-20-154-02-S	Cable Clip	1
11	KH-54-755-09-S	Stator Assembly	1
12	KH-236602-S	Connector (3 Contact)	1
13	KH-M-545020-S	Hex Flange Screw (M5 x .8 x 20)	1
14	KH-41-403-09	Regulator Rectifier	1
15	759-3336	Spark Plug	1
16	KH-20-584-01-S	Ignition Module	1
17	KH-M-561025-S	Hex Flange Screw (M5 x .8 x 25)	2

NOT ILLUSTRATED

	KH-20-176-02-S	Wiring Harness	1
--	----------------	----------------	---



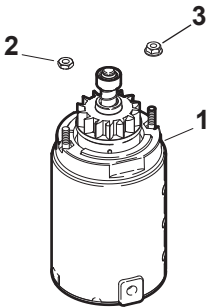
Group 6
Blower Housing & Baffles

SV590S-0003

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	KH-20-027-02-S	Blower Housing	1
2	KH-20-086-06-S	Shoulder Screw	4

NOT ILLUSTRATED

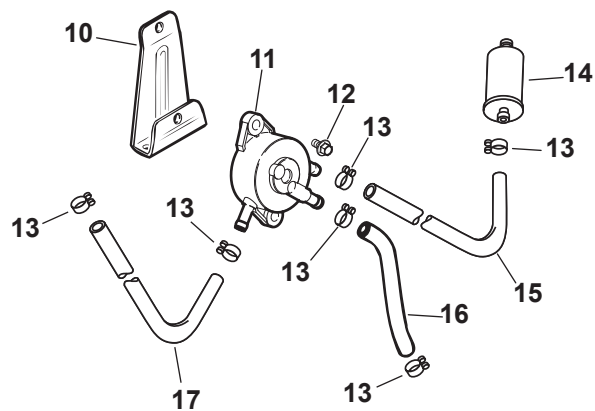
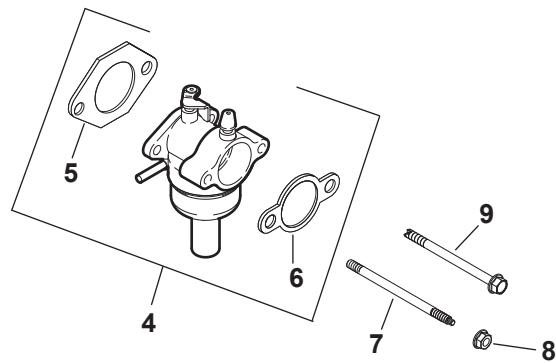
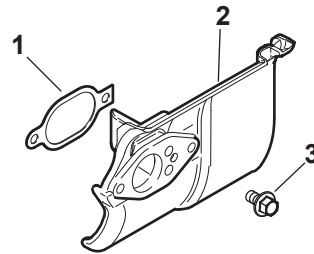
	KH-20-113-21-S	19 HP Decal	1
	KH-25-113-39-S	Clear Lamination Decal	1



Group 7
Starting System

SV590S-0003

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	KH-20-098-01-S	Starter Assembly	1
2	KH-25-100-31-S	Hex Serated Flange Nut	2
3	KH-12-100-07	Flange Nut	1



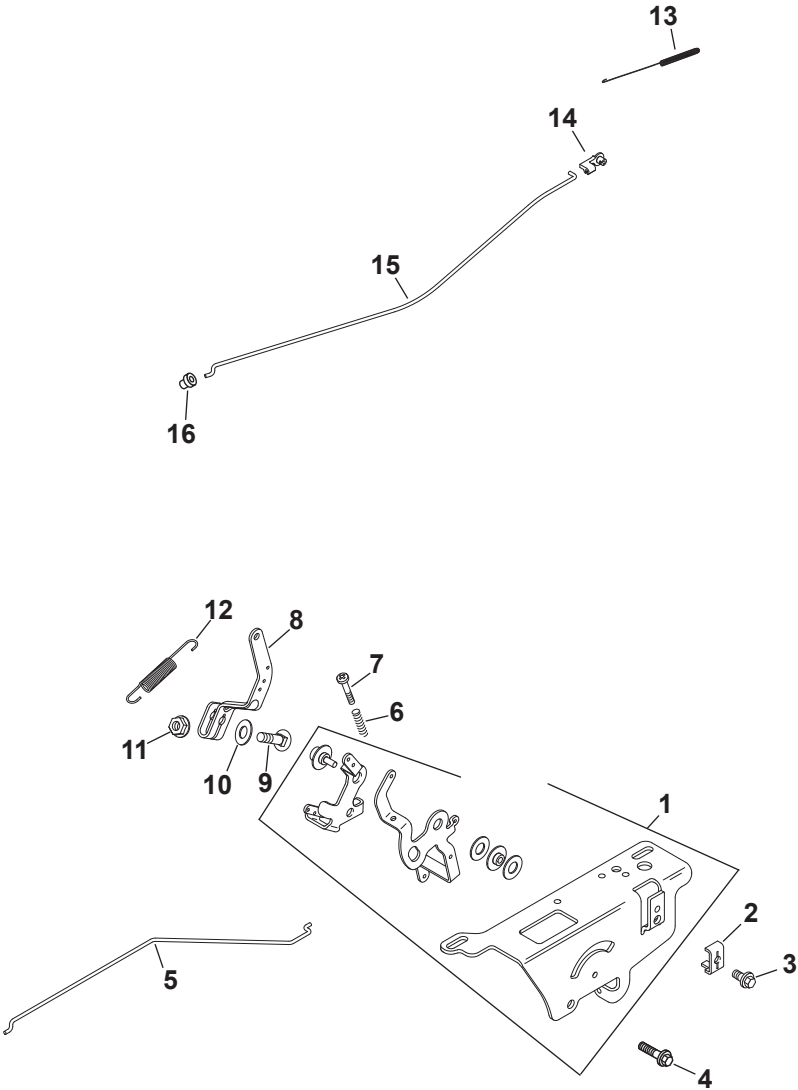
Group 8
Fuel System

SV590S-0003

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	KH-20-041-07-S	Heat Deflector Gasket	1
2	KH-20-265-01-S	Heat Deflector	1
3	KH-M-651020-S	Hex Flange Screw (M6 x 1.0 x 20)	1
4	KH-20-853-14-S	Carburetor w/Gaskets	1
5	KH-12-041-01	Carburetor Gasket	1
6	KH-12-041-02	Air Cleaner Gasket	1
7	KH-20-072-05-S	Carb Mounting Stud	1
8	KH-M-641060-S	Hex Flange Nut (M6 x 1.0)	1
9	KH-20-086-11-S	Carb Screw (S60 x 1.42 x 85)	1
10	KH-20-126-02-S	Fuel Pump Mounting Bracket	1
11	KH-24-393-16	Fuel Pump Assembly	1
12	KH-M-0545010	Hex Flange Screw (M5 x .8 x 10)	2
13	KH-25-237-14-S	Hose Clamp	6
14	KH-25-050-22-S	Fuel Filter	1
15	KH-25-353-06-S	Fuel Line 4"	1
16	KH-52-353-20	Fuel Line 10"	1
17	KH-20-353-01-S	Fuel Line 15-3/4"	1

NOT ILLUSTRATED

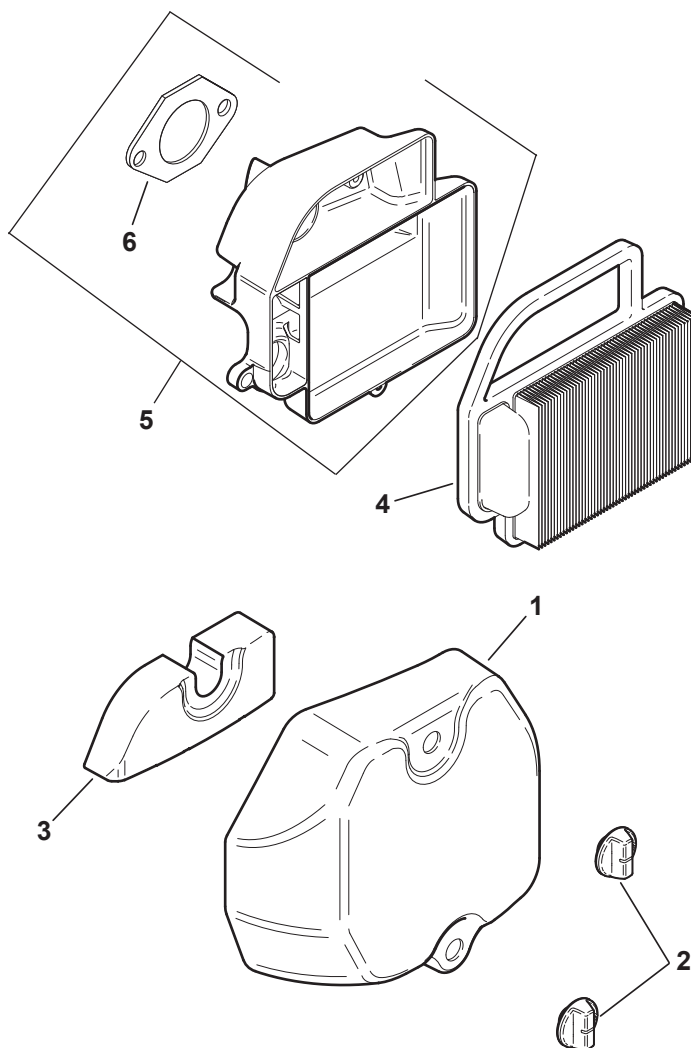
	KH-M-645016-S	Screw (M6 x 1.0 x 16)	2
	KH-X-22-11	1/4" Lock Washer	
	KH-20-431-01-S	Insulating Sleeve	
	KH-12-757-02	Float Kit	1
	KH-12-757-03	Carburetor Repair Kit	1
	KH-12-757-33	Solenoid Repair Kit	1
	KH-12-757-37-S	Bowl Replacement Kit	1
	KH-12-454-03-S	Wire Tie	
	KH-25-454-05-S	Wire Tie	



Group 9
Engine Controls

SV590S-0003

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	KH-20-536-03-S	Speed Control Assembly	1
2	KH-12-237-01	Cable Clamp	2
3	KH-M-545016-S	Torx Head Screw	2
4	KH-M-664020-S	Lobed Socket Screw	2
5	KH-20-079-05-S	Choke Linkage (Single Wire)	1
6	KH-12-089-11	Speed Control Spring	1
7	KH-20-086-10-S	Thread Forming Screw	1
8	KH-20-090-02-S	Governor Lever	1
9	KH-52-211-04	Round Head Bolt	1
10	KH-X-22-11	1/4" Lock Washer	1
11	KH-12-100-07	Hex Flange Nut	1
12	KH-20-089-07-S	Governor Spring	1
13	KH-20-089-10-S	Linkage Spring	1
14	KH-25-158-11	Throttle Linkage Bushing	1
15	KH-20-079-04-S	Throttle Linkage	1
16	KH-25-158-08	Linkage Retaining Bushing	1



Group 10

Air Intake / Filtration

SV590S-0003

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	KH-20-096-04-S	Air Cleaner Cover	1
2	KH-25-341-05-S	Cover Knobs	2
3	KH-20-083-03-S	Precleaner Element	1
4	KH-20-083-02-S	Air Cleaner Element	1
5	KH-20-094-01-S	Air Cleaner Base Kit	1
6	KH-12-041-02	Air Cleaner Base Gasket	1



Group 11 Exhaust

SV590S-0003

REF. NO.	PART NUMBER	DESCRIPTION	QTY.
1	KH-25-072-04	Exhaust Stud	2

NOT ILLUSTRATED

	KH-SV590-0003	Complete Engine	1
	KH-20-522-01	Short Block	1
	KH-20755-05-S	Gasket Set	1