

100853 SH270

Parts Breakdown - REV A



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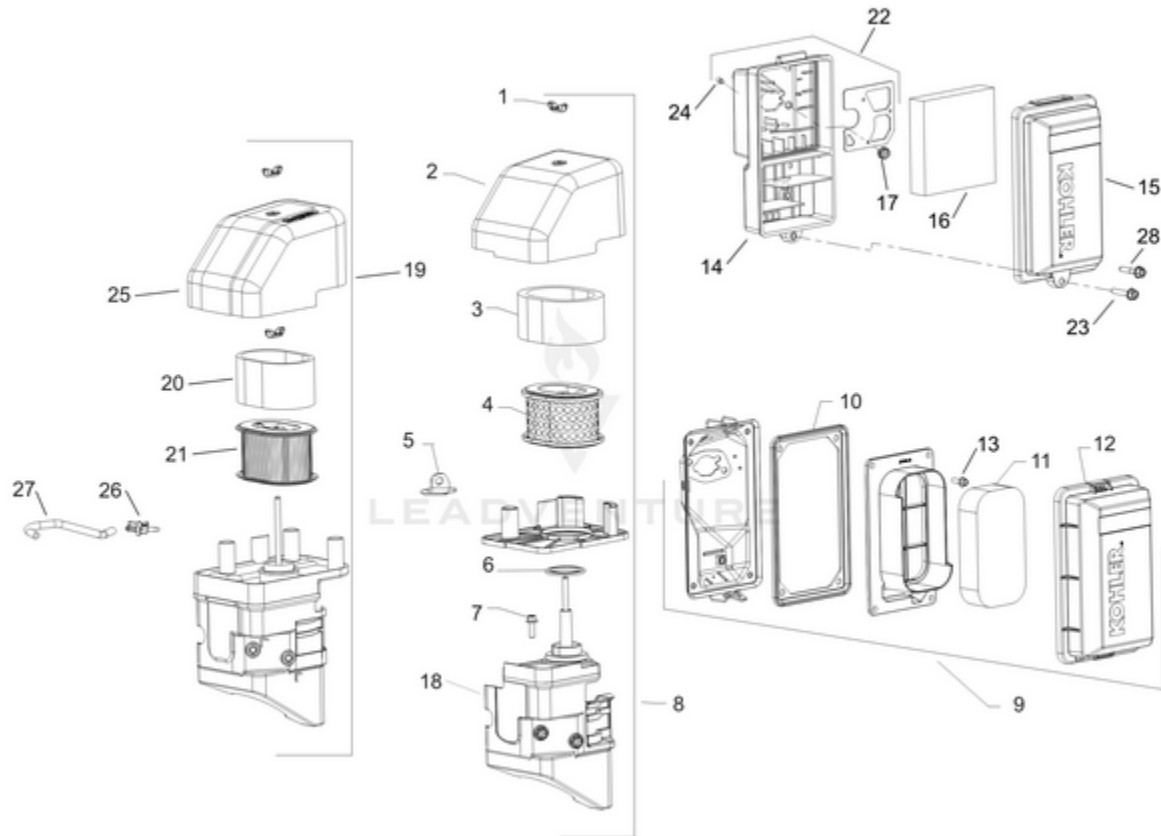
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SH270-3142 FNA - 10 Air Intake

GROUP 10-AIR INTAKE SH265

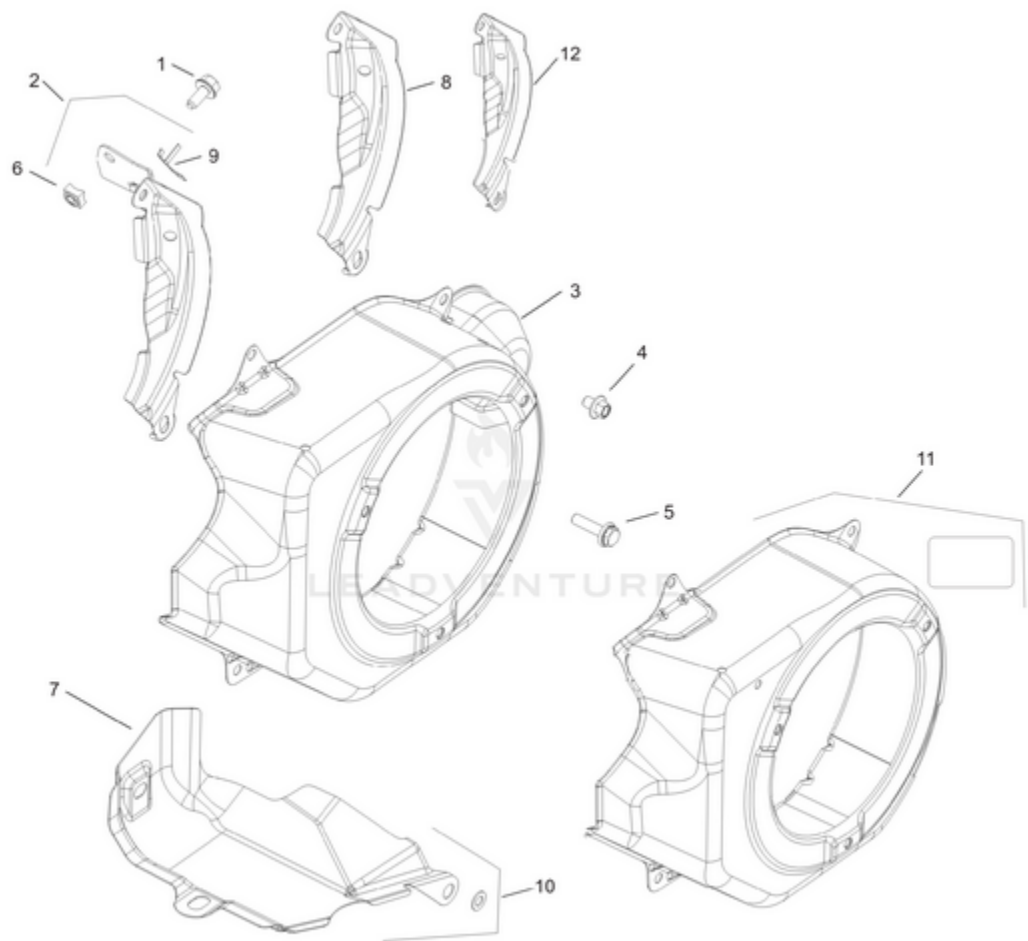


ILLUSTRATIONS ARE REPRESENTATIVE - NOT INTENDED TO SHOW ALL DETAILS

Ref #	Part #	Description	Qty	Context Note
1	18 100 02-S	NUT, WING	2	
6	18 032 03-S	GASKET, AIR FILTER	1	
17	14 100 09-S	NUT, HEX FLANGE LOCK (M6)	2	
19	18 048 10-S	KIT, AIR CLEANER	1	
20	18 083 18-S	ELEMENT, PRE- CLEANER- (#1808321S)	1	
20	18 083 18-S	ELEMENT, PRE- CLEANER- (#1808321S)	1	After S/N 4932400001
21	18 083 17-S	ELEMENT, AIR FILTER-USE 18 083 20-S	1	
21	18 083 17-S	ELEMENT, AIR FILTER-USE 18 083 20-S	1	After S/N 4932400001

SH270-3142 FNA - 06 Blower Housing

GROUP 6-BLOWER HOUSING
SH255, SH265



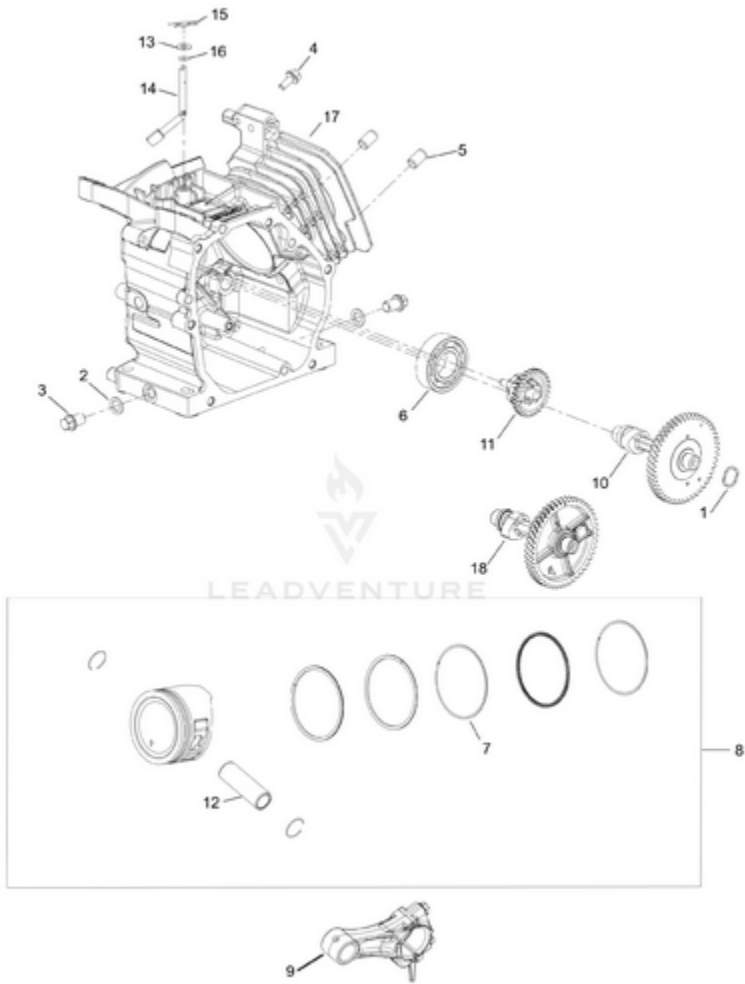
ILLUSTRATIONS ARE REPRESENTATIVE - NOT INTENDED TO SHOW ALL DETAILS

Ref #	Part #	Description	Qty	Context	Note
1	25 086 159-S	SCREW, HEX FLANGE (M6)-USE 25 086 433-S	12		
1	25 086 411-S	SCREW, HEX FLANGE (M6)	2		
2	18 096 03-S	COVER, HOUSING LOWER BLOWER ASSEM	1		
3	18 027 19-S	HOUSING, BLOWER ASSEMBLY	1		
4	25 086 648-S	SCREW, M6 X 8 HEX FLANGE HEAD	3		
5	25 086 331-S	SCREW, M6 X 22	1		
9	18 154 02-S	CLIP, WIRE HARNESS- DISCONTINUED	1		
10	18 314 05-S	KIT, CYLINDER SHIELD	1		

Ref #	Part #	Description	Qty	Context	Note
NI 14 757 04-S		KIT, CARBURETOR REPAIR (HUAYI)	1		
NI 18 755 06-S		KIT, HIGH ALT (8,000+ FT)	1		

SH270-3142 FNA - 02 CrankCase

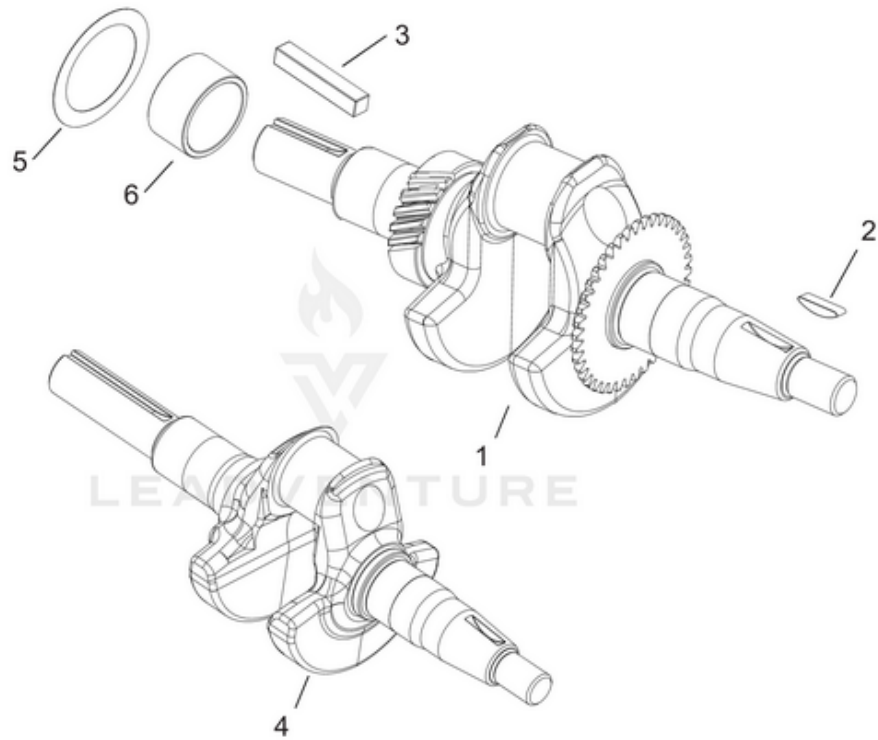
GROUP 2-CRANKCASE
SH255, SH265



Ref #	Part #	Description	Qty	Context	Note
2	18 468 01-S	WASHER, DRAIN PLUG	2		
3	17 139 01-S	KIT, DRAIN PLUG	2		
5	14 380 13-S	DOWEL, CYLINDER HEAD	2		
6	17 030 12-S	BEARING, BALL	2		
7	18 108 03-S	RING SET	3		
8	18 874 02-S	KIT, PISTON (STD)	1		
9	17 067 01-S	ROD, CONNECTING ASSEMBLY	1		
11	18 310 01-S	GOVERNOR ASSEMBLY	1		
12	14 380 04-S	PIN, PISTON	1		
13	14 468 30-S	WASHER, FLAT (DIA 13mm O.D.)	1		
14	18 144 02-S	CROSS SHAFT	1		
15	14 154 01-S	CLIP, GOVERNOR SHAFT	1		
16	18 032 07-S	SEAL	1		
17	17 561 47-S	CRANKCASE	1		
18	18 010 09-S	CAMSHAFT, ASSEMBLY	1		

SH270-3142 FNA - 01 CrankShaft

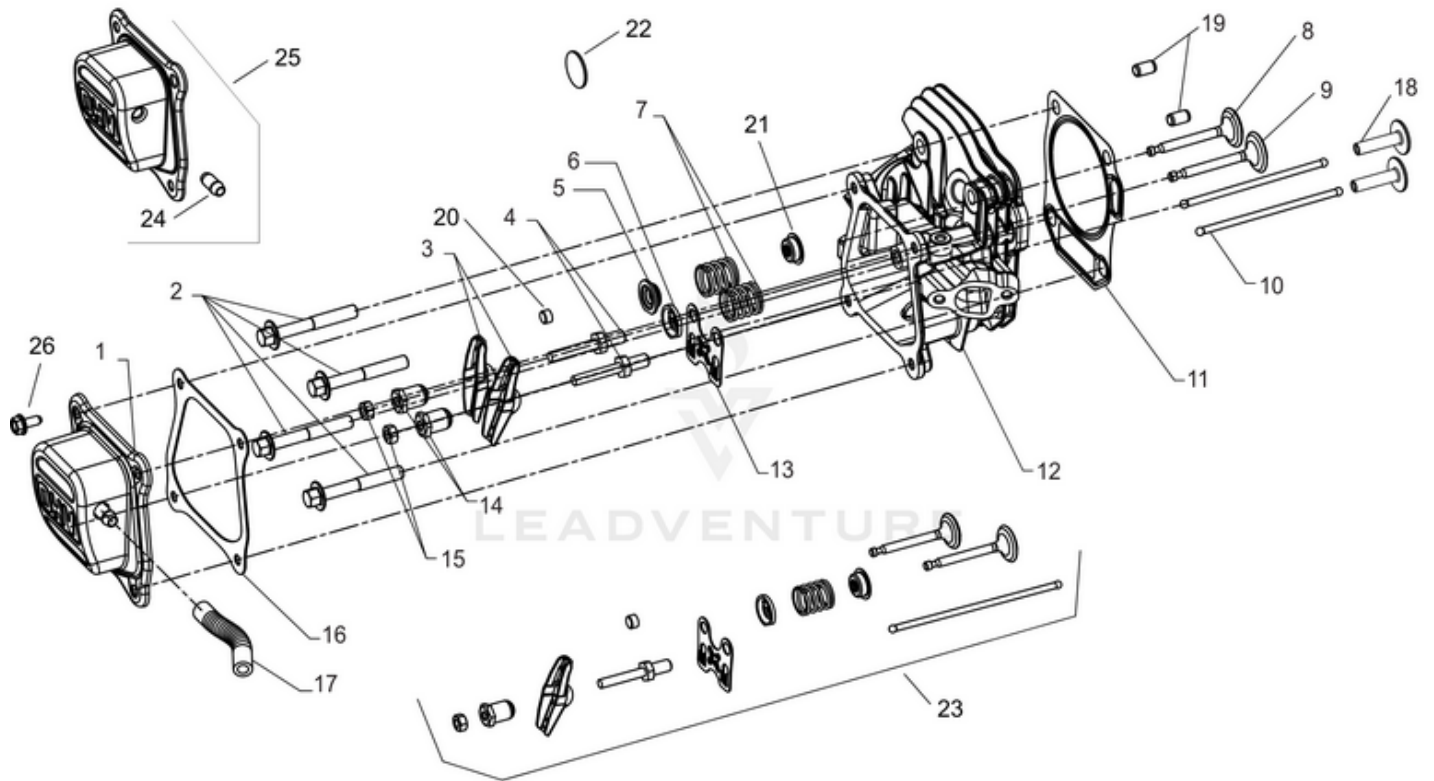
GROUP 1-CRANKSHAFT
SH255, SH265



ILLUSTRATIONS ARE REPRESENTATIVE - NOT INTENDED TO SHOW ALL DETAILS

Ref #	Part #	Description	Qty Context
1	18 014 40-S	CRANKSHAFT, ASSEMBLY- (#18014116S)	Note 1
2	14 340 01-S	KEY, FLYWHEEL	1
3	25 340 05-S	KEY, SQUARE	1

GROUP 4-HEAD/VALVE BREATHER
SH255, SH265

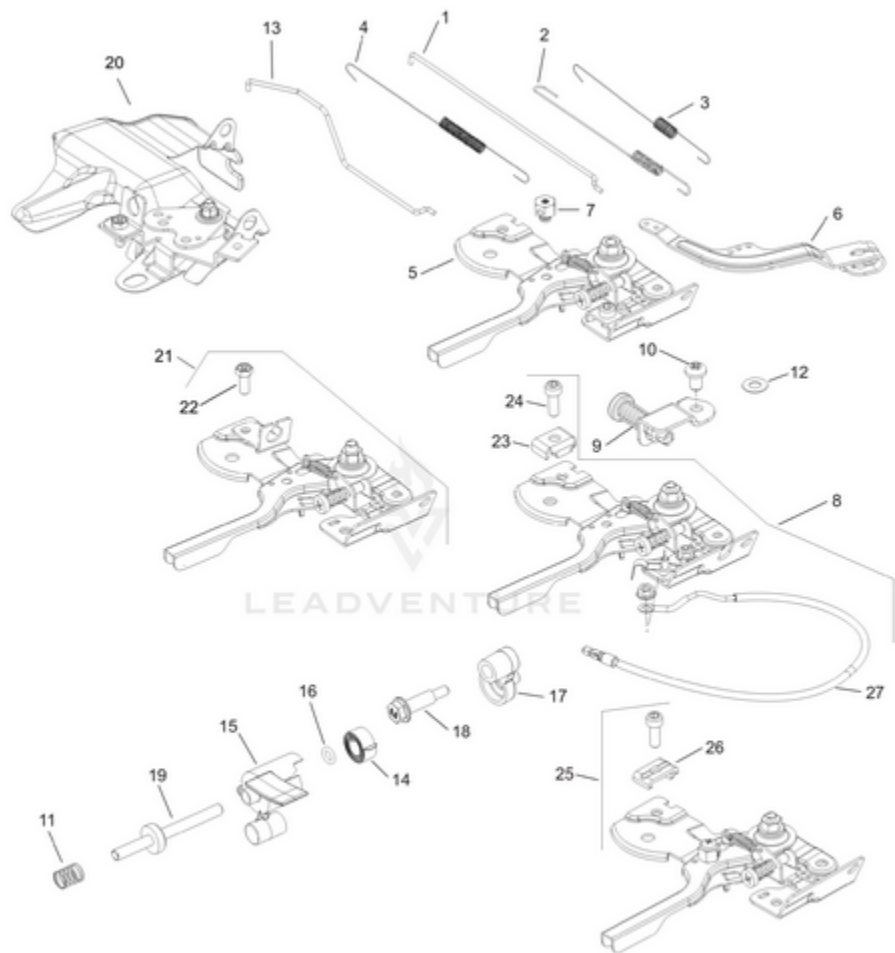


ILLUSTRATIONS ARE REPRESENTATIVE - NOT INTENDED TO SHOW ALL DETAILS

Ref #	Part #	Description	Qty	Context Note
1	18 096 25-S	COVER, VALVE ASSEMBLY	1	
2	25 086 215-S	SCREW, HEX FLANGE CYL HEAD	4	
3	14 186 02-S	ARM, ROCKER	2	
4	14 072 02-S	STUD, ROCKER ARM-USE 14 072 22-S	2	
6	14 018 02-S	RETAINER, VALVE SPRING	2	
7	17 089 04-S	SPRING, VALVE	2	
8	18 016 03-S	VALVE, EXHAUST	1	
9	18 017 03-S	VALVE, INTAKE	1	
10	17 411 03-S	ROD, PUSH-(#1841101S)	2	
11	18 841 01-S	KIT, HEAD GASKET	1	
12	18 318 04-S	HEAD ASSEMBLY, CYLINDER	1	
13	17 146 01-S	PLATE, PUSHROD GUIDE	1	
14	14 599 01-S	PIVOT, ROCKER ARM	2	
15	14 100 01-S	NUT, HEX JAM	2	
17	17 123 89-S	TUBE, BREATHER - (#1812313S)	1	
18	18 351 01-S	LIFTER	2	
19	14 380 12-S	PIN, DOWEL (8mm)	2	
21	18 032 04-S	SEAL, VALVE STEM	1	
22	18 402 02-S	REED, BREATHER	1	
23	18 755 01-S	KIT, VALVE TRAIN	1	
26	25 086 159-S	SCREW, HEX FLANGE (M6)-USE 25 086 433-S	4	

SH270-3142 FNA - 09 Engine Controls

GROUP 9-ENGINE CONTROLS
SH255, SH265

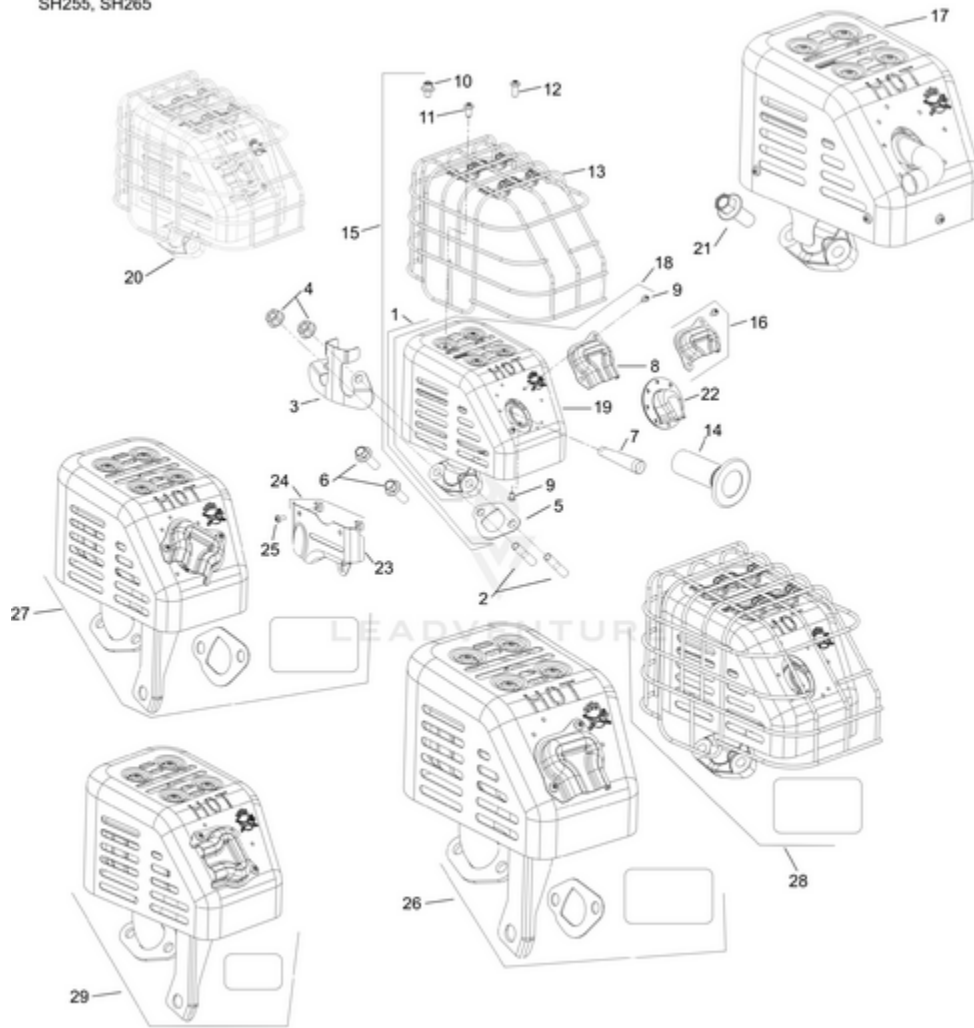


ILLUSTRATIONS ARE REPRESENTATIVE - NOT INTENDED TO SHOW ALL DETAILS

Ref #	Part #	Description	Qty	Context	Note
1	18 079 01-S	LINKAGE, GOVERNOR-USE 18 079 05-S	1		
2	18 089 19-S	SPRING, GOVERNOR	1		
4	18 089 03-S	SPRING, LINKAGE	1		
5	18 536 01-S	VARIABLE SPD CNTRL ASSY W/O KILL	1		
6	18 090 02-S	KIT, GOVERNOR LEVER	1		
23	18 237 03-S	CLAMP, CABLE	1		
24	25 086 348-S	SCREW, M5	1		

SH270-3142 FNA - 11 Exhaust

GROUP 11-EXHAUST
SH255, SH265

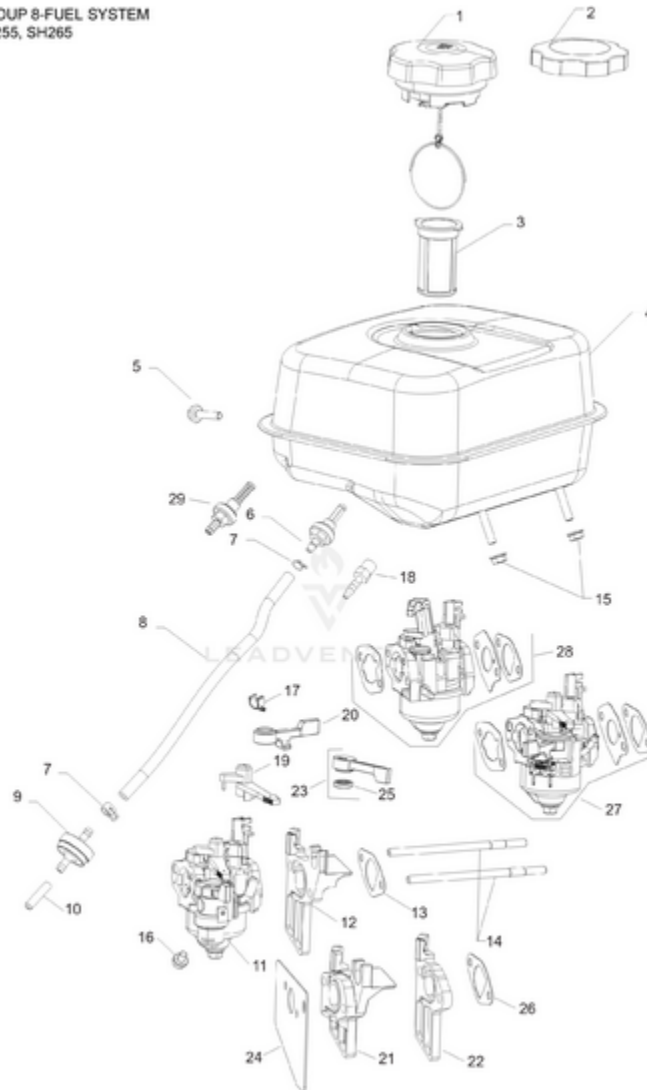


ILLUSTRATIONS ARE REPRESENTATIVE - NOT INTENDED TO SHOW ALL DETAILS

Ref #	Part #	Description	Qty	Context	Note
5	18 041 05-S	GASKET, EXHAUST	1		
8	18 265 01-S	DEFLECTOR, EXHAUST - USE 18 730 01-S	1		
9	25 086 190-S	SCREW, SPARK ARRESTOR	1		
12	25 086 721-S	SCREW, M5 X 10	4		
21	25 086 224-S	SCREW, M8 X 20	2		
26	18 068 56-S	KIT, MUFFLER	1		

SH270-3142 FNA - 08 Fuel System

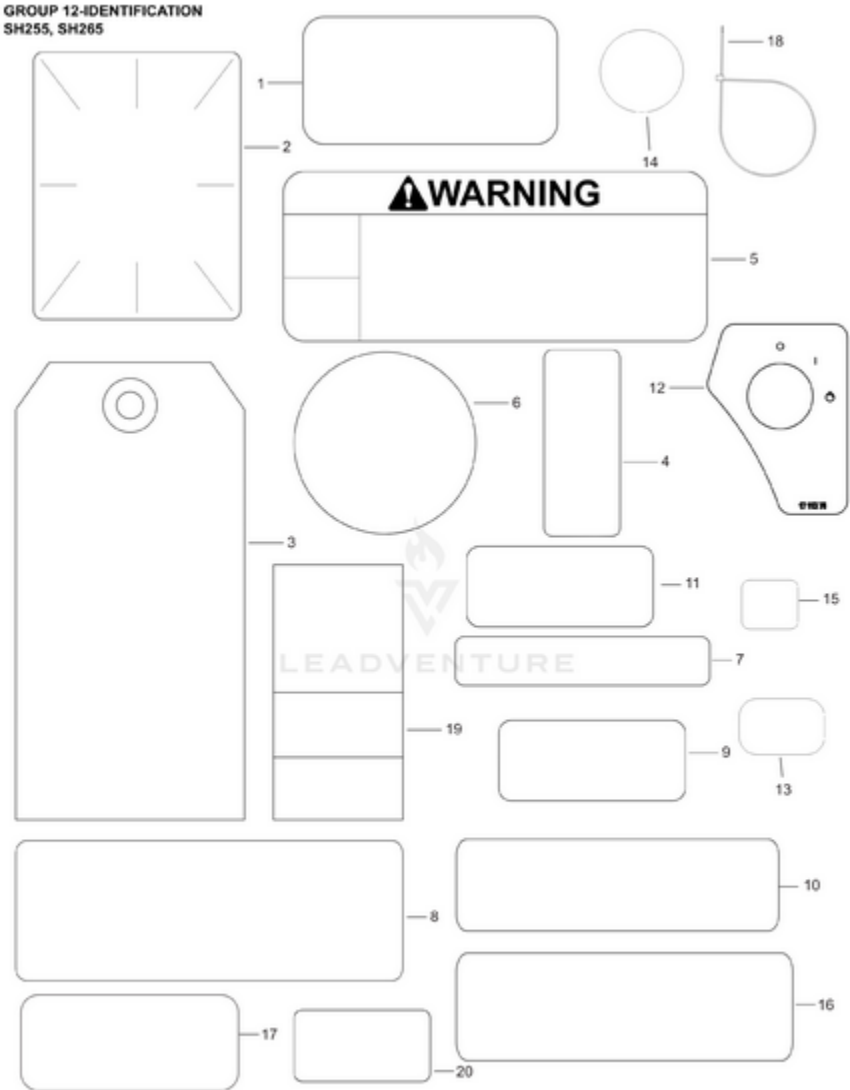
GROUP 8-FUEL SYSTEM
SH255, SH265



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Ref #	Part #	Description	Qty	Context	Note
1	17 173 49-S	CAP, FUEL ASSEMBLY	1		
3	17 050 20-S	FILTER, FUEL TANK	1		
4	18 065 16-S	KIT, FUEL TANK	1		
5	25 086 468-S	SCREW, HEX SOCKET HEAD CAP	1		
6	17 294 05-S	FITTING, FUEL ASSY-(#1729419S)	1		
7	14 237 01-S	CLAMP, FUEL LINE	2		
8	25 111 40-S	LINE, FUEL (10"- CUT TO LENGTH)	1		
13	18 041 06-S	KIT, INTAKE GASKET	3		
14	18 072 06-S	STUD, CARBURETOR	2		
15	14 100 08-S	NUT, HEX FLANGE (M6) - USE 14 100 16- S	3		
17	17 154 08-S	CLIP, FUEL HOSE	2		
22	18 168 04-S	INSULATOR, CARBURETOR	1		
25	17 032 40-S	SEAL, INLET VALVE	1		
27	18 853 44-S	KIT,CARB (HUAYI)	1		
NI	14 757 04-S	KIT, CARBURETOR REPAIR (HUAYI)	1		
NI	18 755 05-S	KIT, HIGH ALT (4000-8000 FT)	1		
NI	18 755 06-S	KIT, HIGH ALT (8,000+ FT)	1		

SH270-3142 FNA - 12 Identification

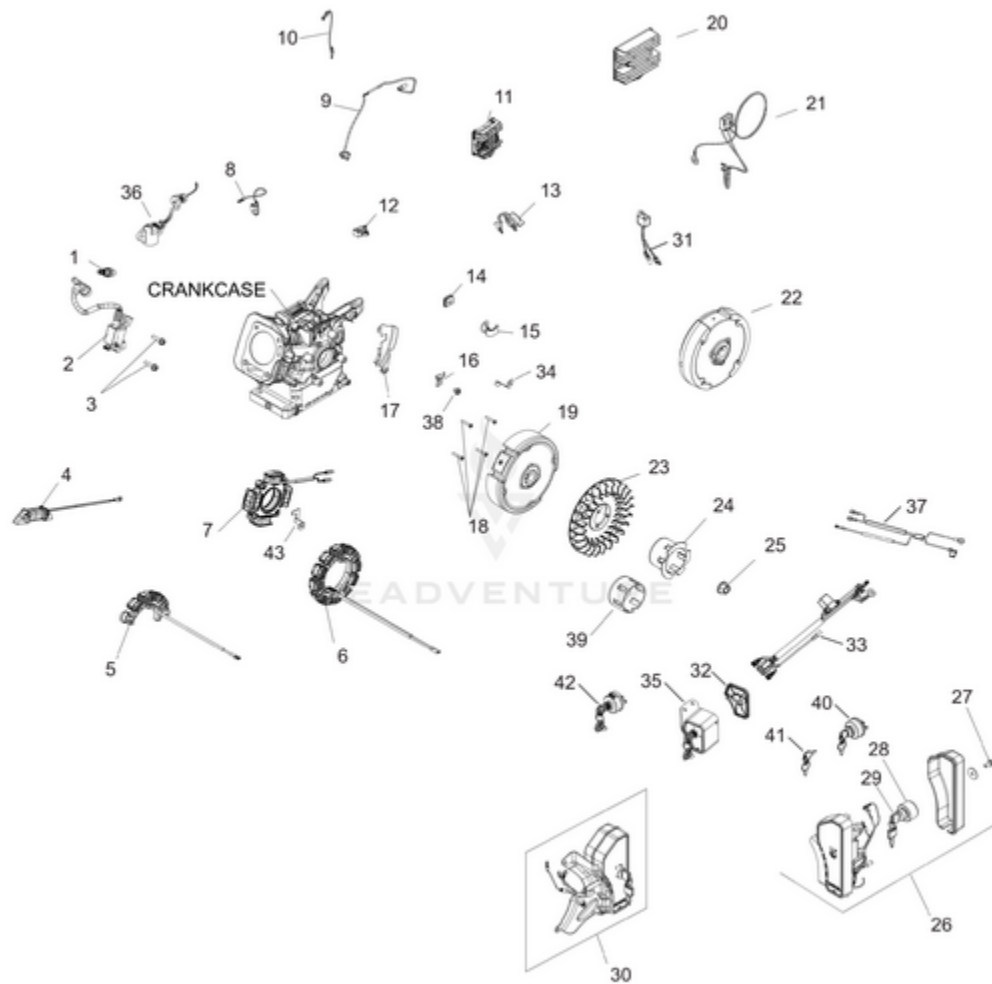


ILLUSTRATIONS ARE REPRESENTATIVE - NOT INTENDED TO SHOW ALL DETAILS

Ref #	Part #	Description	Qty	Context	Note
1	25 113 75-S	LABEL, MAINTENANCE (CKY)	1		
2	25 113 79-S	LABEL, CLEAR LAMINATION	1		
3	25 450 05-S	TAG, HANG	1		
3	25 450 32-S	TAG, PROP 65-OIL FILL ASSEMBLED	1		
4	25 113 84-S	DECAL, FUEL/ CHOKE - ON/OFF	1		
5	17 113 16-S	DECAL, WARNING	1		
6	17 113 124-S	LABEL, RECOIL 75MM	1		
7	25 113 56-S	DECAL, THROTTLE	1		
17	25 113 76-S	DECAL, ETHANOL WARNING	1		
18	25 454 05-S	TIE	1		
20	18 113 44-S	LABEL, HP SH270	1		

SH270-3142 FNA - 05 Ignition/Charging

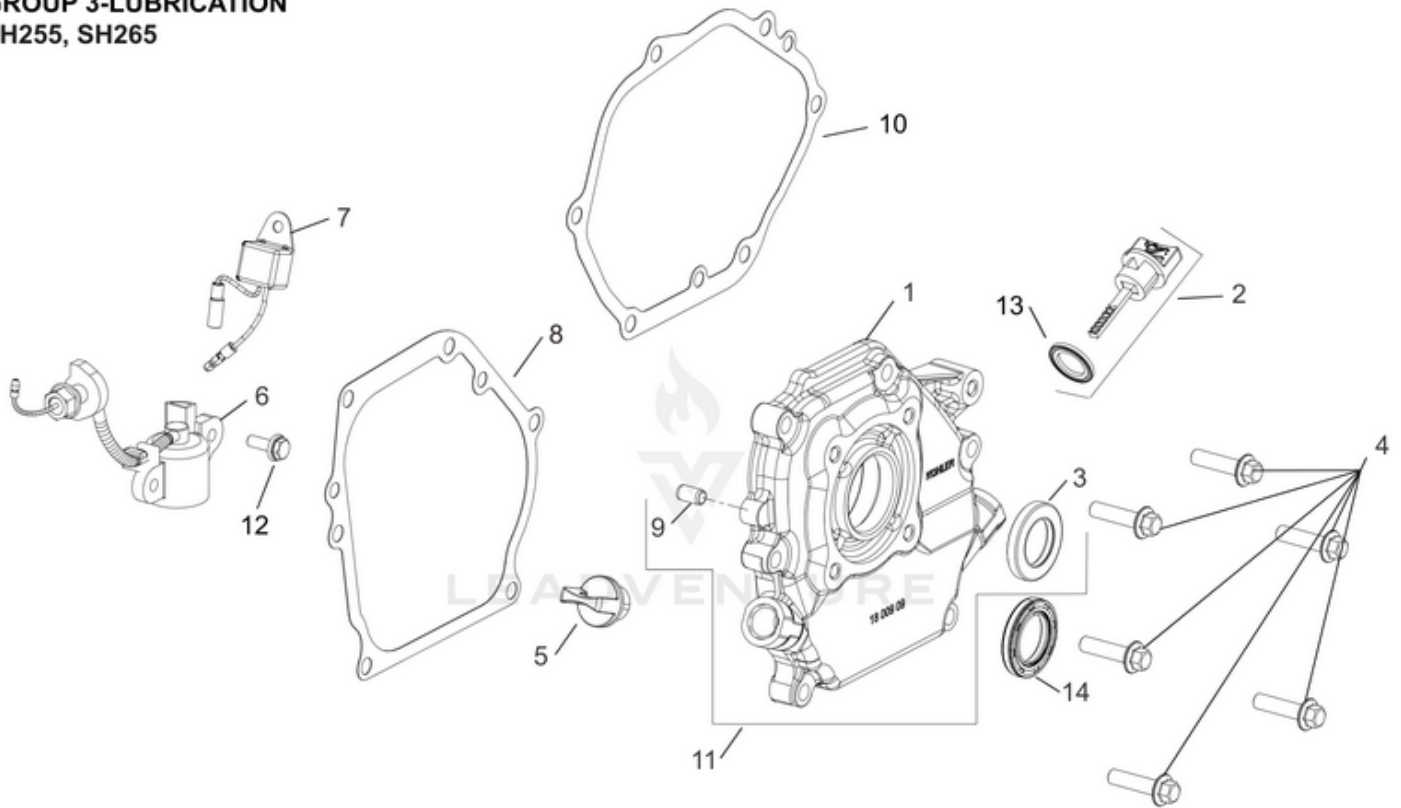
GROUP 5-IGNITION
SH255, SH265



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Ref #	Part #	Description	Qty	Context	Note
1	14 132 03-S	SPARK PLUG	1		
2	18 584 01-S	MODULE, IGNITION	1		
3	25 086 186-S	SCREW, M6 X 25- (#25086436S)	2		
9	17 518 04-S	LEAD, GROUND TO KILL	1		
12	17 154 09-S	CLIP, WIRE HARNESS	1		
13	17 099 26-S	SWITCH, IGNITION	1		
19	18 025 10-S	FLYWHEEL ASSEMBLY	1		
23	17 157 06-S	FAN, FLYWHEEL	1		
25	14 100 10-S	NUT, FLYWHEEL (W/SERRATIONS)	1		
39	18 109 04-S	STARTER CUP	1		

GROUP 3-LUBRICATION
SH255, SH265



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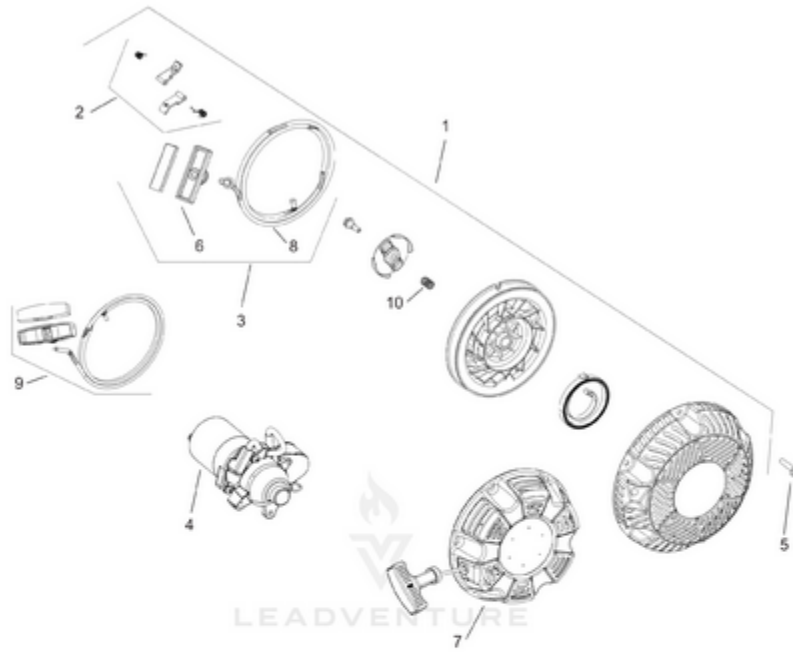
Ref #	Part #	Description	Qty	Context Note
1	18 009 24-S	PLATE, CLOSURE & BEARING	1	
2	17 038 08-S	DIPSTICK ASSEMBLY	2	
3	17 032 20-S	SEAL - USE 17 032 29-S	2	
4	25 086 171-S	SCREW, CLOSURE PLATE	6	
6	17 099 09-S	SWITCH, OIL SENSOR ASSEMBLY	1	
7	18 526 01-S	CONTROL, OIL ALERT UNIT	1	
12	25 086 337-S	SCREW, M6 X 16	2	
13	17 032 05-S	SEAL, DIPSTICK	2	

Ref #	Part #	Description	Qty	Context	Note
NI	25 357 03-S	QUART OF OIL - SAE30	1		
NI	25 357 06-S	QUART OF OIL - 10W30- USE 25 357 65-S	1		
NI	25 357 12-S	LUBRICANT, GREASE (SPLINE)	1		
NI	25 357 14-S	LUBRICANT, CAMSHAFT	1		
NI	25 357 41-S	20W50 OIL (QUART)- USE 25 357 68-S	1		
NI	25 357 72-S	OIL, QUART, 10W50 KOHLER PRO	1		
NI	25 357 75-S	OIL, 5 QT, 10W50 KOHLER PRO	1		
NI	25 597 05-S	SEALANT(LOCTITE 620)-(#2559711S)	1		
NI	25 597 06-S	SEALANT(LOCTITE 222 RETAIN CMPND 0.5ML)	1		
NI	25 597 07-S	SEALANT(LOCTITE INSTANT GASKET 4 OZ)	1		
NI	52 357 01-S	LUBRICANT, BENDIX STARTR- DISCONTINUED	1		

Ref #	Part #	Description	Qty	Context	Note
NI	17 099 09-S	SWITCH, OIL SENSOR ASSEMBLY	1		

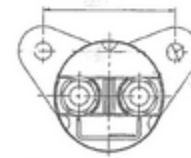
SH270-3142 FNA - 07 Starting

GROUP 7-STARTER SH255, SH265



Identify Starter Solenoid/Relay based on Mounting Hole Spacing (See Diagram)

- | | |
|-------------|---|
| 17 435 05-S | Solenoid has a 1.65" (42.0 mm) Hole Spacing |
| 17 435 06-S | Solenoid has a 1.39" (35.5 mm) Hole Spacing |



ILLUSTRATIONS ARE REPRESENTATIVE - NOT INTENDED TO SHOW ALL DETAILS

Ref #	Part #	Description	Qty	Context	Note
3	14 160 01-S	KIT, STARTER ROPE W/ HANDLE	1		
7	18 165 05-S	RETRACTABLE STARTER ASSEMBLY	1		
8	18 160 02-S	ROPE, STARTING	1		