

CV173 - COMMAND PRO SINGLE-CYL (CV)

Last update 11/02/2024

Print date 14/02/2024

Spec CV173-3020	Description CV173 - Command PRO Single-Cyl (CV)
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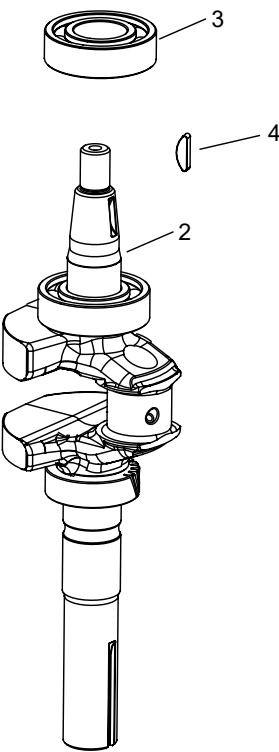
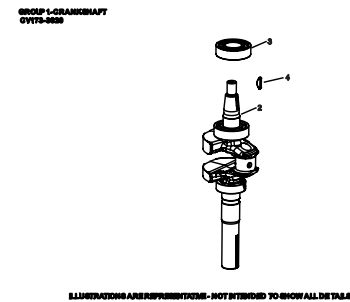
Specification attributes			
Horse power	7.75	OEM	GARDNER, OH RENALDO
Idle speed	RPM-1800	Governor spring hole location	NA
High speed	RPM-3300	Emission code	E16 - China,EPA,ARB,EU Stage 5
Status	NA		

Group list

Group	Description
01	CrankShaft
02	CrankCase
03	Lubrication
04	CylinderHead/Breather
05	Ignition/Charging
06	Blower Housing
07	Starting
08	Fuel System
09	Engine Controls
10	Air Intake
11	Exhaust
12	Identification
14	Blocks,Gasket Set,Replacement
15	Carb Repair Kits
17	Maintenance-Fast Moving Parts
20	Sealant,Thread Lock, Lubricate

CrankShaft

GROUP 1-CRANKSHAFT
CV173-3020



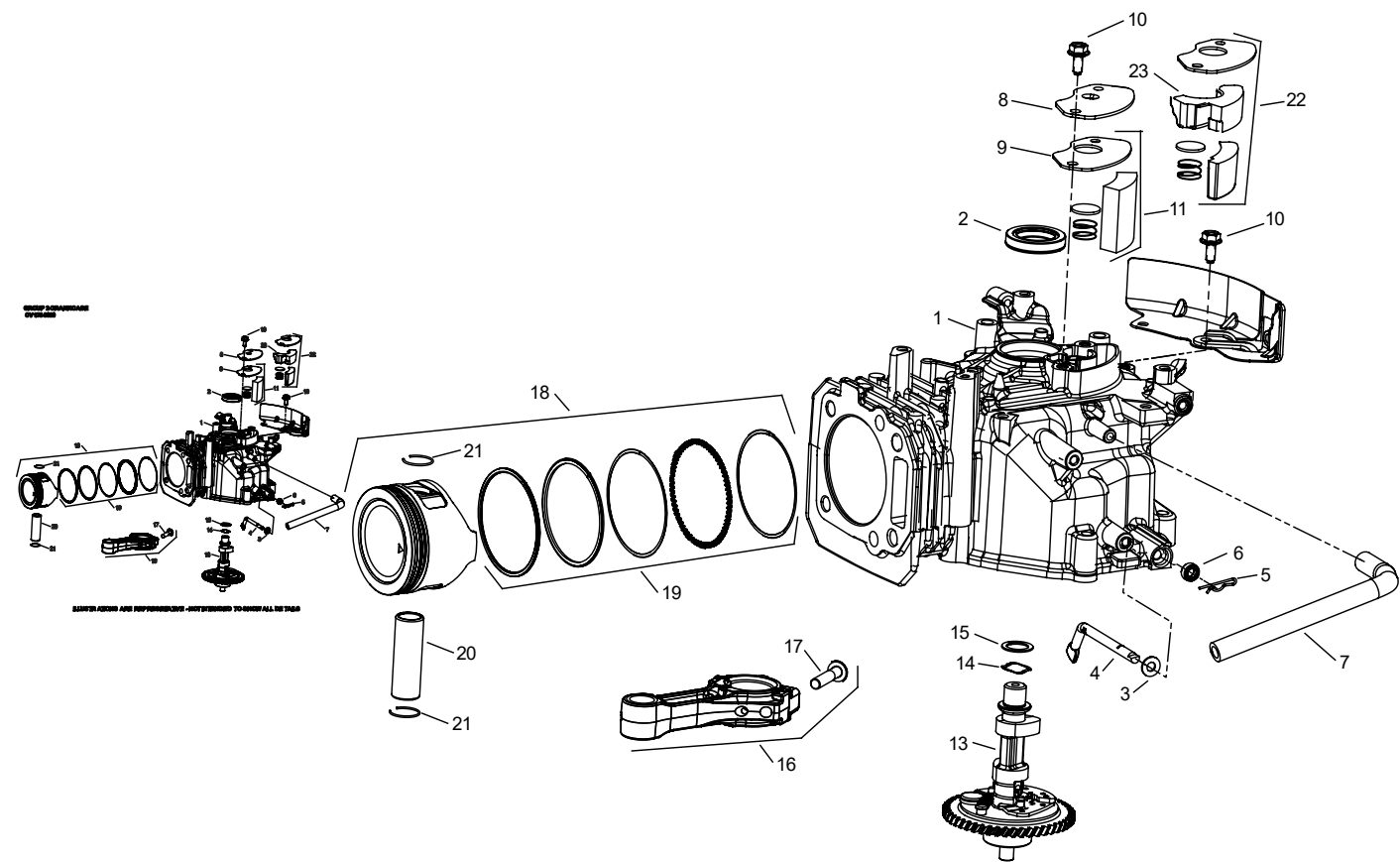
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CrankShaft - Group: 01

Pos	Kit	Included in	Part #	Description	Note	QTY	Tech info
2			14 014 256-S	CRANKSHAFT, ASSEMBLY		1	
3			14 030 03-S	BEARING, BALL		1	
4			14 340 01-S	KEY, FLYWHEEL		1	

CrankCase

GROUP 2-CRANKCASE
CV173-3020



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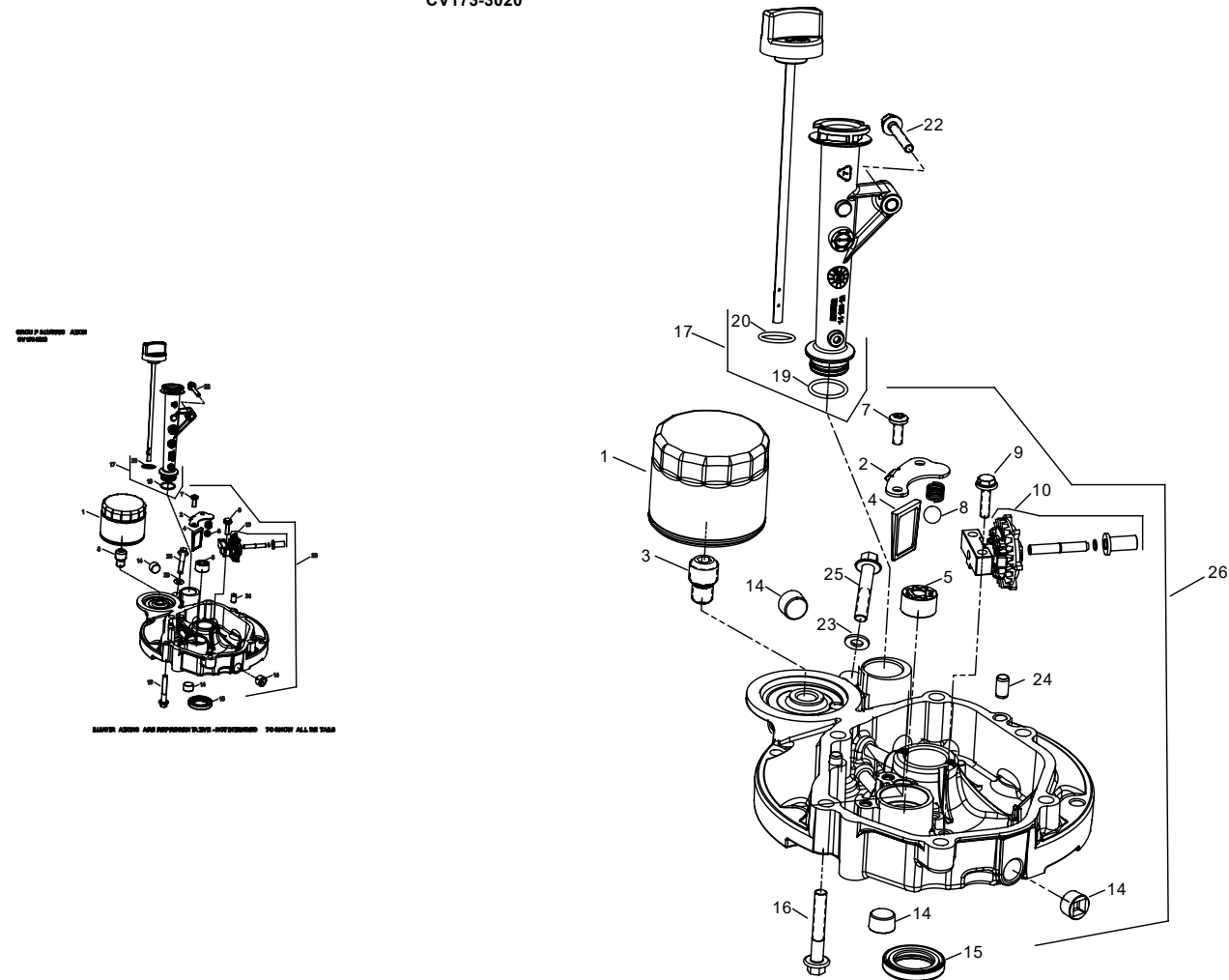
CrankCase - Group: 02

Pos	Kit	Included in	Part #	Description	Note	QTY	Tech info
1			14 561 20-S	CRANKCASE		1	
2			17 032 30-S	SEAL, OIL		1	
3			14 468 30-S	WASHER, FLAT (DIA 13mm O.D.)		1	
4			14 144 02-S	SHAFT, GOVERNOR CROSS		1	
5			14 154 01-S	CLIP, GOVERNOR SHAFT		1	

6	14 032 04-S	SEAL, OIL	1	
7	14 123 28-S	HOSE, BREATHER	1	
8	14 096 125-S	COVER, BREATHER	1	
9	14 041 30-S	GASKET, BREATHER COVER	1	
10	25 086 159-S	SCREW, HEX FLANGE (M6)-USE 25 086 433-S	9	
11	14 050 01-S	KIT, BREATHER FILTER	2	
13	14 010 18-S	CAMSHAFT ASSEMBLY	1	
14	17 089 60-S	SPRING, WAVE	1	
15	25 468 53-S	WASHER, CAMSHAFT	1	
16	14 067 01-S	CONNECTING ROD	1	
17	25 086 150-S	SCREW, HEX FLANGE (M7)	1	
18	14 874 03-S	KIT, PISTON	1	
19	14 108 02-S	RING SET	2	
20	14 380 04-S	PIN, PISTON	1	
21	14 018 03-S	RETAINER, PISTON PIN	2	
22	14 050 31-S	KIT, BREATHER FILTER	1	
23	14 050 32-S	FILTER, BREATHER MEDIA-USE 14 050 31-S	1	

Lubrication

GROUP 3-LUBRICATION
CV173-3020



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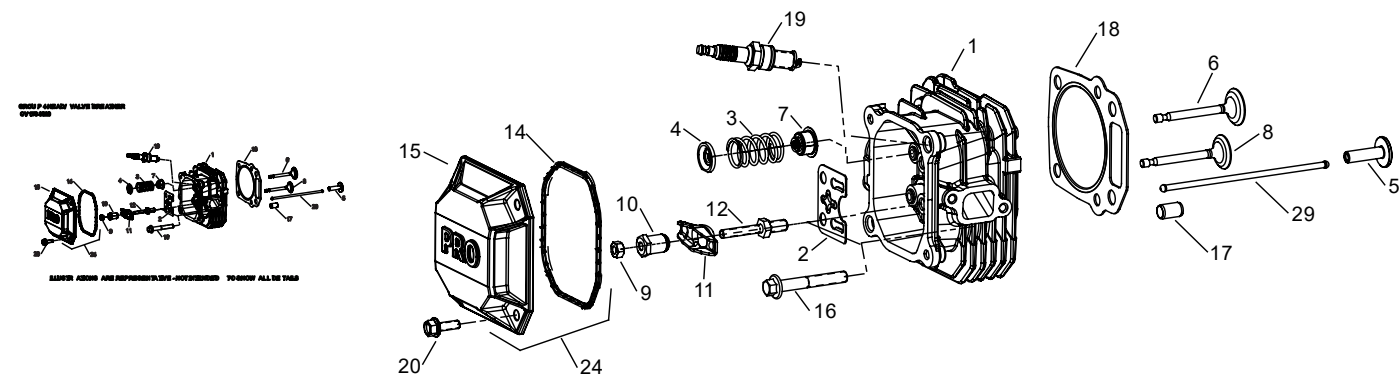
Lubrication - Group: 03

Pos	Kit	Included in	Part #	Description	Note	QTY	Tech info
1			14 050 33-S	FILTER, OIL-(#1405036S)		1	
2			14 096 149-S	COVER, OIL PUMP SCREEN		1	
3			14 136 02-S	NIPPLE, OIL FILTER		1	
4			14 162 06-S	SCREEN, OIL		1	
5			14 393 02-S	PUMP ASSEMBLY, OIL (GE-ROTOR)		1	

7	25 086 731-S	SCREW, M6 X 16	2
8	25 194 04-S	BALL, STEEL COMPOSITE	1
9	25 086 331-S	SCREW, M6 X 22	2
10	14 310 04-S	GOVERNOR GEAR, ASSEMBLY	1
14	14 139 02-S	PLUG, PIPE (W/SEALANT)	3
15	14 032 07-S	OIL SEAL	1
16	25 086 161-S	SCREW, HEX FLANGE (M8)-USE 25 086 456-S	6
17	14 123 33-S	TUBE ASSEMBLY OIL FILL	1
19	14 153 03-S	O-RING, OIL FILL TUBE	1
20	14 153 05-S	O-RING (CAP)	1
22	25 086 145-S	SCREW, HEX FLANGE (M6)-(#25086435S)	1
23	14 468 32-S	WASHER, CLEAN OIL SCREW	1
24	14 380 12-S	PIN, DOWEL (8mm)	2
25	25 086 230-S	SCREW, CLOSURE PLATE	1
26	14 199 45-S	PAN, OIL ASSEMBLY (KIT)	1

CylinderHead/Breather

GROUP 4-HEAD/VALVE BREATHER
CV173-3020



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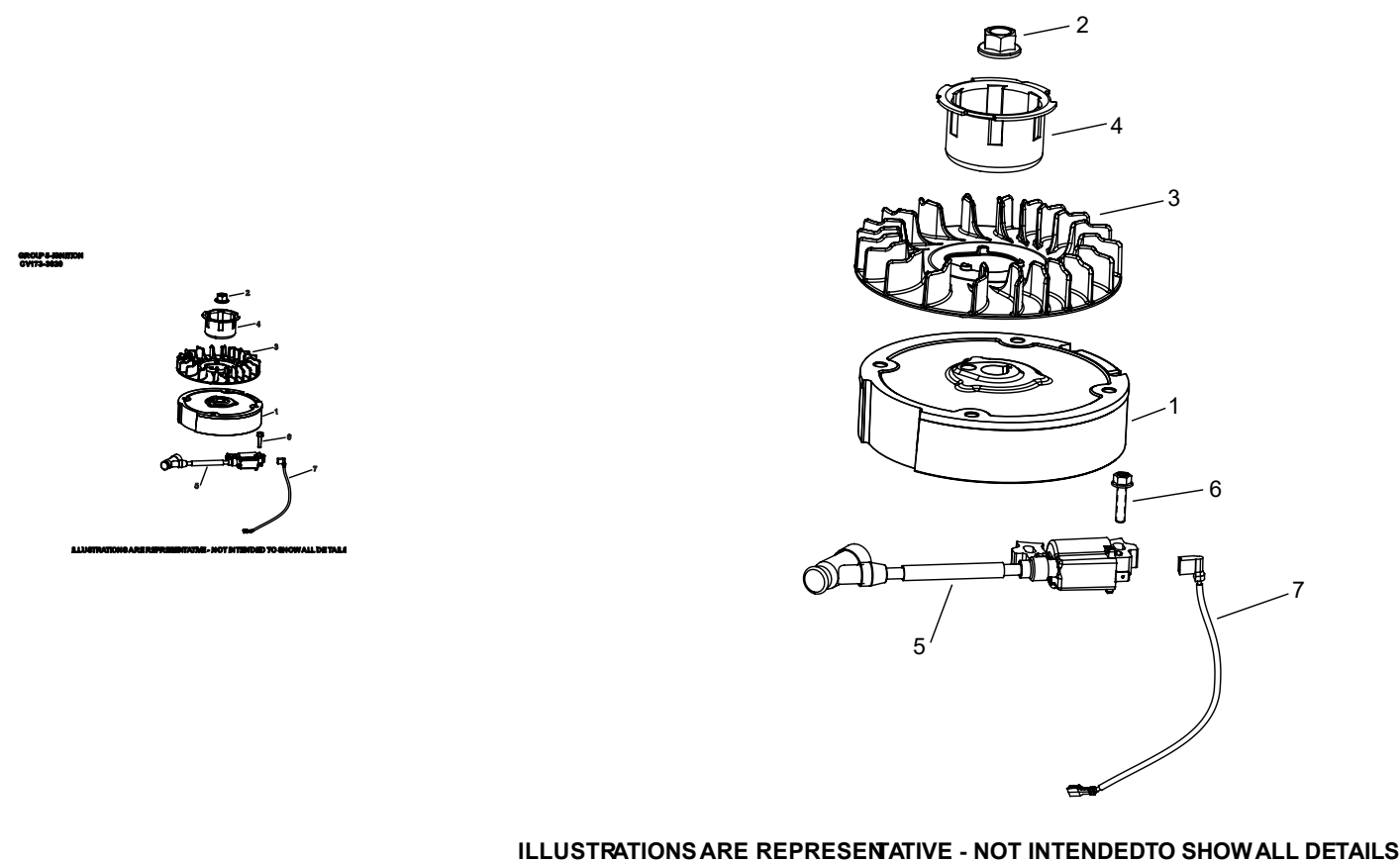
CylinderHead/Breather - Group: 04

Pos	Kit	Included in	Part #	Description	Note	QTY	Tech info
1			14 318 10-S	HEAD, CYLINDER		1	
2			14 146 01-S	PLATE, PUSHROD GUIDE		1	
3			14 089 02-S	SPRING, VALVE		2	
4			14 018 02-S	RETAINER, VALVE SPRING		2	
5			14 351 01-S	LIFTER, VALVE		2	

6	14 017 01-S	VALVE, INTAKE	1
7	14 032 16-S	SEAL, VALVE	1
8	14 016 01-S	VALVE, EXHAUST	1
9	14 100 01-S	NUT, HEX JAM	2
10	14 599 01-S	PIVOT, ROCKER ARM	2
11	14 186 02-S	ARM, ROCKER	2
12	14 072 29-S	STUD, ROCKER ARM	2
14	14 032 15-S	SEAL, VALVE COVER	1
15	14 096 176-S	COVER, VALVE-USE 14 096 184-S	1
16	25 086 140-S	SCREW, HEX FLANGE M8	4
17	14 380 13-S	DOWEL, CYLINDER HEAD	2
18	14 841 06-S	KIT, HEAD GASKET (CV173)	1
18	14 841 34-S	KIT, HEAD GASKET	1
19	14 132 14-S	PLUG, SPARK 12MM RFI	1
20	25 086 459-S	SCREW, HEX FLANGE (M6)	5
24	14 096 184-S	COVER, VALVE ASSEMBLY	1
29	17 411 08-S	ROD, PUSH	2

Ignition/Charging

GROUP 5-IGNITION
CV173-3020



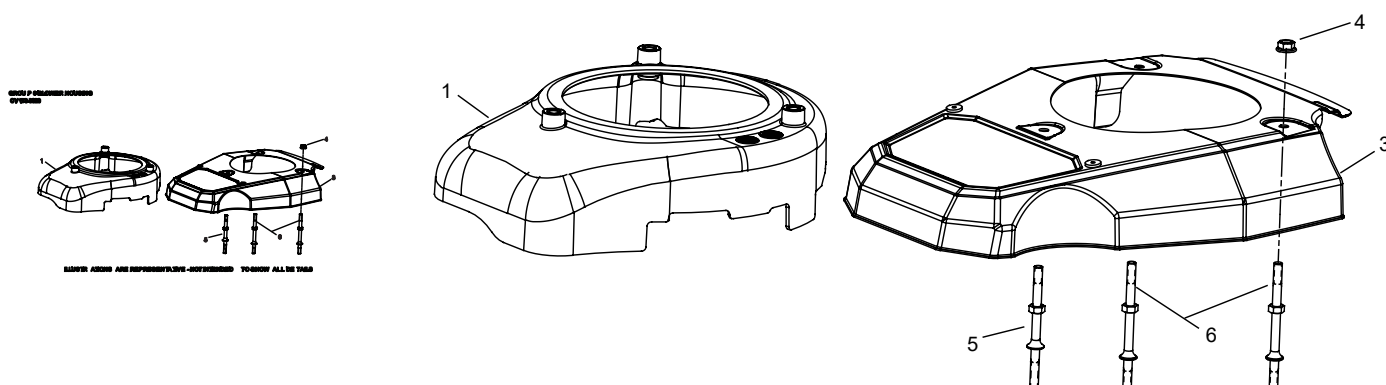
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Ignition/Charging - Group: 05

Pos	Kit	Included in	Part #	Description	Note	QTY	Tech info
1			14 025 01-S	FLYWHEEL (CAST IRON)		1	
2			14 100 10-S	NUT, FLYWHEEL (W/SERRATIONS)		1	
3			17 157 06-S	FAN, FLYWHEEL		1	
4			14 109 04-S	CUP, STARTER DRIVE		1	
5			14 584 04-S	MODULE IGN (#1458416S)		1	

6	25 086 186-S	SCREW, M6 X 25-(#25086436S)	1
7	14 518 16-S	LEAD	1

Blower Housing

GROUP 6-BLOWER HOUSING
CV173-3020


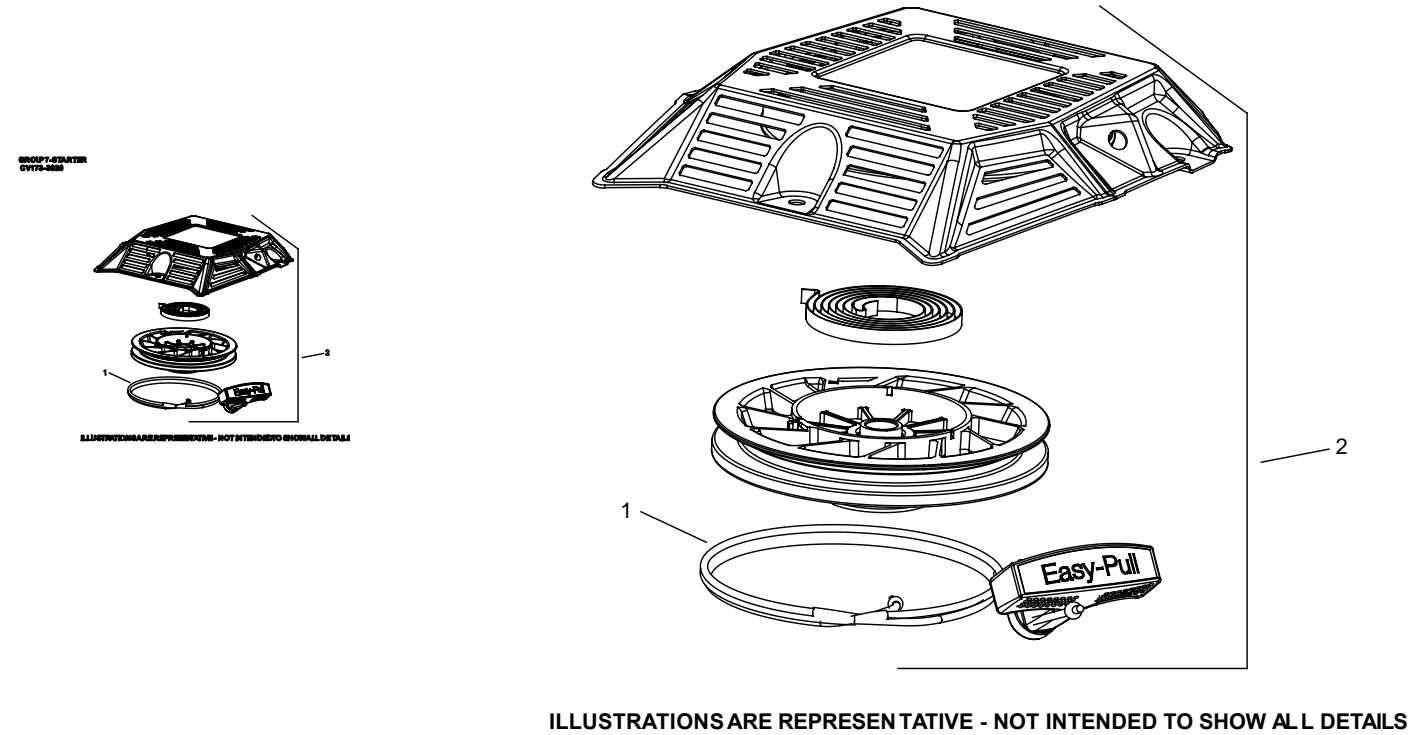
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Blower Housing - Group: 06

Pos	Kit	Included in	Part #	Description	Note	QTY	Tech info
1			14 027 05-S	KIT, BLOWER HOUSING		1	
3			14 096 148-S	COVER, ENGINE		1	
4			14 100 08-S	NUT, HEX FLANGE (M6) - USE 14 100 16-S		4	
5			14 072 13-S	STUD-USE 14 072 25-S		1	
6			14 072 34-S	STUD, BLOWER HOUSING		2	

Starting

GROUP 7-STARTER
CV173-3020

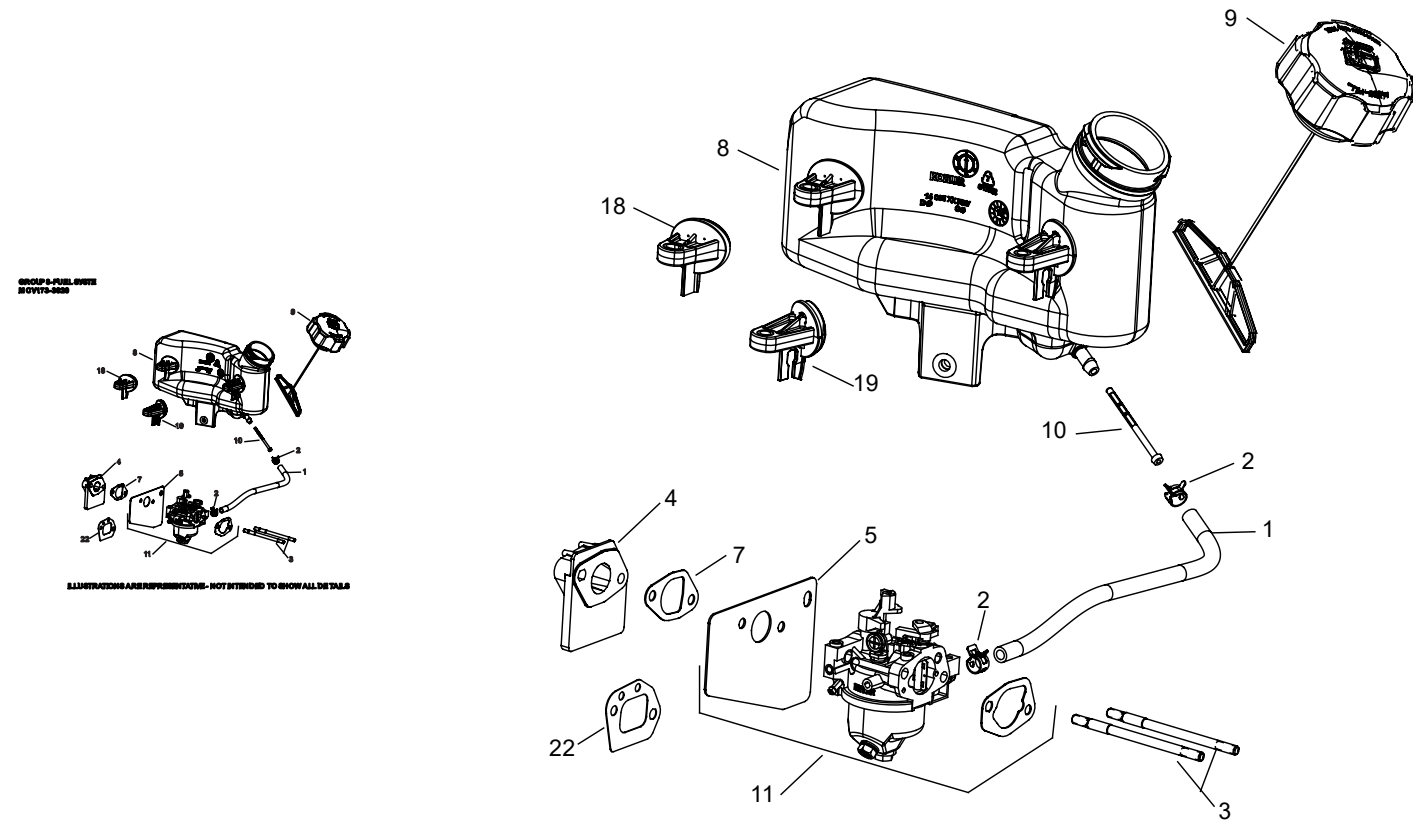


Starting - Group: 07

Pos	Kit	Included in	Part #	Description	Note	QTY	Tech info
1			14 160 01-S	KIT, STARTER ROPE W/HANDLE		1	
2			14 165 30-S	STARTER ASSEMBLY, RETRACTABLE		1	

Fuel System

GROUP 8-FUEL SYSTEM
CV173-3020



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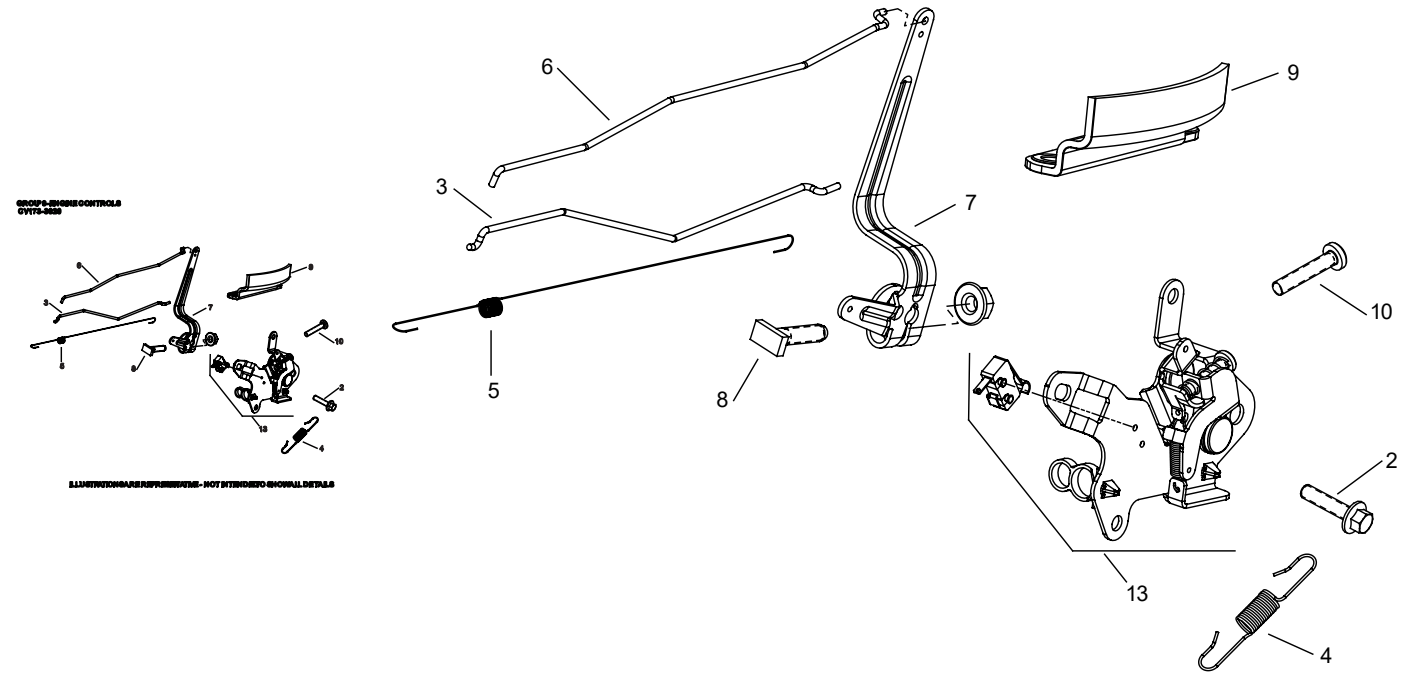
Fuel System - Group: 08

Pos	Kit	Included in	Part #	Description	Note	QTY	Tech info
1			25 111 102-S	HOSE, FUEL LOW-PERMEATION		1	
2			14 237 07-S	CLAMP, HOSE (NON-CALIF)(#1423710S)		2	
3			14 072 23-S	STUD,M6X1.0X100.2MM		2	
4			14 112 09-S	KIT, SPACER		1	
5			14 041 31-S	KIT, CARBURETOR HEAT SHIELD GASKET		1	

7	17 041 03-S	KIT, INTAKE GASKET	1	
8	14 065 72-S	TANK, FUEL	1	
9	14 227 26-S	FUEL CAP ASSEMBLY	1	
10	14 050 14-S	FILTER, FUEL IN-NIPPLE	1	
11	14 853 122-S	KIT, CARBURETOR COMPLETE	1	
18	14 126 78-S	BRACKET, FUEL TANK-DISCONTINUED	1	
19	14 126 79-S	BRACKET, FUEL TANK-DISCONTINUED	1	
22	14 041 07-S	GASKET SPACER	1	
NI	14 755 14-S	KIT, HIGH ALT (4000-8000 FT)	1	
NI	14 755 23-S	KIT, HIGH ALT (8,000+ FT)	1	
NI	14 757 03-S	KIT, CARBURETOR REPAIR (RUIXING)	1	

Engine Controls

GROUP 9-ENGINE CONTROLS
CV173-3020



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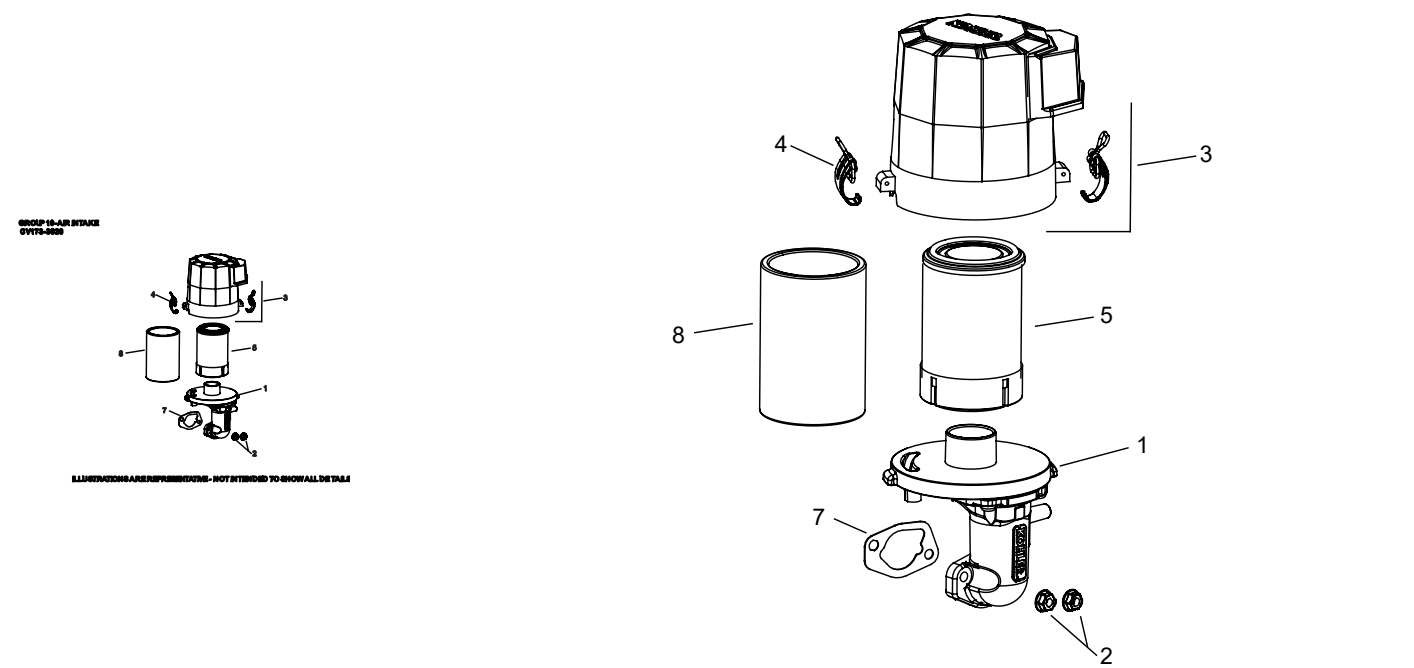
Engine Controls - Group: 09

Pos	Kit	Included in	Part #	Description	Note	QTY	Tech info
2			25 086 232-S	SCREW, (M5) HEX FLANGE		1	
3			14 079 38-S	LINKAGE, CHOKE		1	
4			14 089 14-S	SPRING, GOV (2800-3300 RPM)		1	
5			14 089 43-S	SPRING, LINKAGE		1	
6			14 079 09-S	LINKAGE, GOVERNOR		1	

7	14 090 46-S	LEVER, GOVERNOR	1
8	25 086 166-S	SCREW, RECTANGLE HEAD (M6)	1
9	14 314 24-S	GUARD, FINGER	1
10	25 086 242-S	SCREW, SPEED ADJUSTING	1
13	14 536 27-S	CONTROL ASSEMBLY, REMOTE VARIABLE SPEED	1

Air Intake

GROUP 10-AIR INTAKE
CV173-3020



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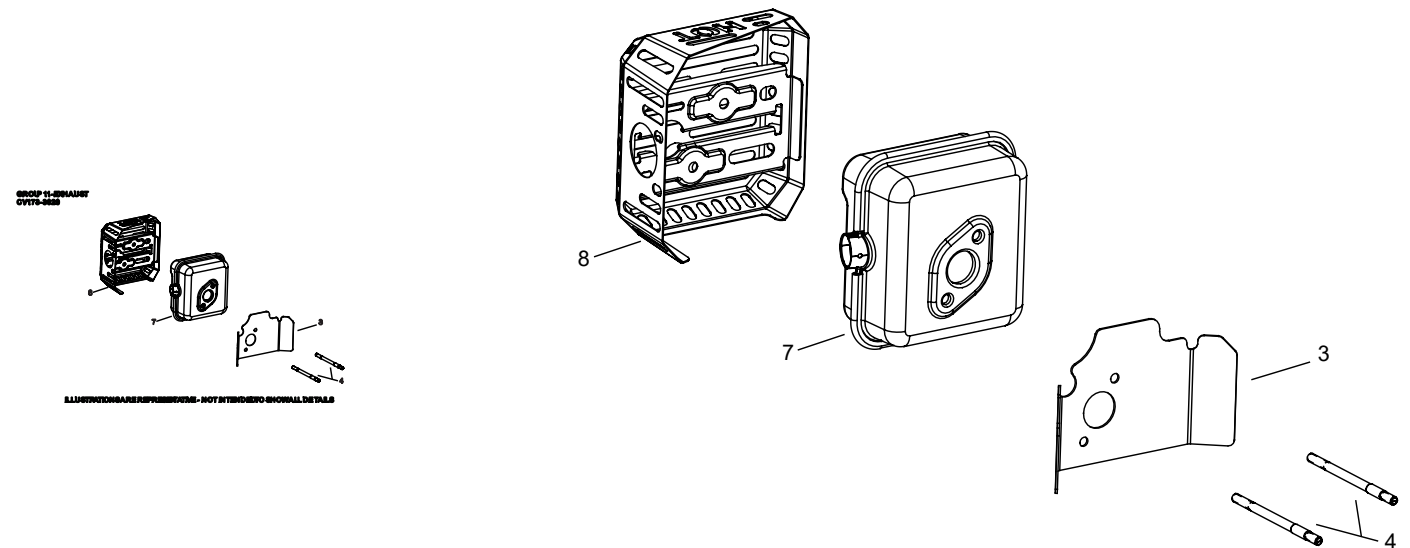
Air Intake - Group: 10

Pos	Kit	Included in	Part #	Description	Note	QTY	Tech info
1			14 094 49-S	BASE, AIR CLEANER CYCLONIC ASSEMBLY		1	
2			14 100 09-S	NUT, HEX FLANGE LOCK (M6)		4	
3			14 096 153-S	COVER, AIR CLEANER ASSEMBLY		1	
4			17 344 01-S	KIT, LATCH CLIP		4	
5			14 083 26-S	ELEMENT, AIR FILTER		1	

7	17 041 49-S	GASKET, AIR CLEANER BASE	1	
8	17 083 06-S	ELEMENT, PRE-CLEANER - USE 17 083 12-S	1	

Exhaust

GROUP 11-EXHAUST
CV173-3020



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Exhaust - Group: 11

Pos	Kit	Included in	Part #	Description	Note	QTY	Tech info
3			14 041 55-S	GASKET, MUFFLER (HEAT DEFLECTOR)		1	
4			14 072 35-S	STUD, EXHAUST (M6)		2	
7			14 068 27-S	MUFFLER, ASSEMBLY		1	
8			14 314 35-S	GUARD, MUFFLER ASSEMBLY		1	

Identification

GROUP 12-IDENTIFICATION
CV173-3020



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Identification - Group: 12

Pos	Kit	Included in	Part #	Description	Note	QTY	Tech info
1			14 113 123-S	LABEL, CV173		1	
2			14 113 57-S	DECAL, WARNING		1	

Blocks,Gasket Set,Replacement

KOHLER
Engines
GROUP 14
BLOCKS, GASKET SET,
AND
REPLACEMENT ENGINE

KOHLER
Engines
GROUP 14
BLOCKS, GASKET SET,
AND
REPLACEMENT ENGINE

Blocks,Gasket Set,Replacement - Group: 14

Pos	Kit	Included in	Part #	Description	Note	QTY	Tech info
NI			14 755 45-S	KIT, GASKET SET (CV173)		1	

Carb Repair Kits

KOHLER
Engines
GROUP 15
FUEL RELATED
REPAIR KITS

KOHLER
Engines
GROUP 15
FUEL RELATED
REPAIR KITS

Carb Repair Kits - Group: 15

Pos	Kit	Included in	Part #	Description	Note	QTY	Tech info
NI			14 757 03-S	KIT, CARBURETOR REPAIR (RUIXING)		1	

Maintenance-Fast Moving Parts

KOHLER
 Engines
 GROUP 17
MAINTENANCE
FAST MOVING PARTS
KOHLER
 Engines
 GROUP 17
 MAINTENANCE
 FAST MOVING PARTS

Maintenance-Fast Moving Parts - Group: 17

Pos	Kit	Included in	Part #	Description	Note	QTY	Tech info
NI			14 050 01-S	KIT, BREATHER FILTER		2	
NI			14 050 14-S	FILTER, FUEL IN-NIPPLE		1	
NI			14 050 31-S	KIT, BREATHER FILTER		1	
NI			14 050 32-S	FILTER, BREATHER MEDIA-USE 14 050 31-S		1	
NI			14 050 33-S	FILTER, OIL-(#1405036S)		1	

NI	14 083 26-S	ELEMENT, AIR FILTER	1	
NI	14 132 14-S	PLUG, SPARK 12MM RFI	1	
NI	17 083 06-S	ELEMENT, PRE-CLEANER - USE 17 083 12-S	1	

Sealant, Thread Lock, Lubricate

KOHLER
 Engines
 GROUP 20
**SEALANT,
 THREAD LOCK,
 AND LUBRICANT**
KOHLER
 Engines
 GROUP 20
 SEALANT,
 THREAD LOCK,
 AND LUBRICANT

Sealant, Thread Lock, Lubricate - Group: 20

Pos	Kit	Included in	Part #	Description	Note	QTY	Tech info
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	25 597 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	