



Form No. 3371-594 Rev B

Count on it.

Parts Catalog

HoverPro® 450 Mower

Model No. 02603—Serial No. 312000001 and Up



Ordering Replacement Parts

To order replacement parts, please supply the part number, the quantity, and the description of each part desired.

Understanding Reference Numbers

Each identified part in an illustration has a reference number. The reference number for a part also appears in the parts list, along with other information about the part.

This catalog uses two special reference number formats, one to indicate parts in a service assembly and another to indicate the quantity of a given part in an illustration.

Service Assembly Reference Numbers

Parts in service assemblies have reference numbers in the form a:b. The a represents the reference number of the entire service assembly and the b represents a sequential number unique to each part within the service assembly.

For example, a wheel assembly might be identified by reference number 6, the tire by 6:1, the valve by 6:2, and the wheel by 6:3. When you order the assembly identified by reference number 6, you receive all parts identified by reference numbers 6:1, 6:2, and 6:3. However, you may also order any part individually. Reference numbers of this type appear in illustration and in parts lists.

Reference Numbers Indicating Quantity

In an illustration, if a reference number indicates more than one part, the reference number has the form nX y. The n represents the quantity of the part, the X is the multiplication symbol, and the y represents the reference number.

For example, in an illustration, the reference number 2X 37 means that two of the parts identified by reference number 37 are indicated.

List of Abbreviations

AR: as required

ASM: assembly

BBC: blade brake control

BHTF: button head thread forming

CARR: carriage

CCW: counter clockwise

CW: clockwise

DEG: degrees

DPA: Dual Point Adjustment

ECM: electronic control module

EXT: external

FH: flat head

GA: gauge

HD: heavy-duty

HF: hex flange

HH: hex head

HHF: hex head flange

HHFTF: hex head flange thread forming

HJ: hex jam

HLH: hex lag head

HOC: height-of-cut

HP: high pressure

HSBH: hex socket button head

HSFH: hex socket flat head

HSH: hex socket head

HWH: hex washer head

HWHTF: hex washer head thread forming

HYD: hydraulic

LH: left hand

LP: low pressure

LPG: Liquefied Petroleum Gas

NI: nylon insert

NPTF: national pipe thread fine

PFH: phillips flat head

PPH: phillips pan head

PPHTF: phillips pan head thread forming

PRH: phillips round head

PTH: phillips truss head

PTO: power-take-off

RH: right hand

ROPS: roll-over protection system

RRB: rear roller brush

SFH: slotted fillister head

SHH: slotted hex head

SHWH: slotted hex washer head

SPH: slotted pan head

SQH: square head

SRH: slotted round head

STD: standard

TAP: self tapping

TTH: torx truss head

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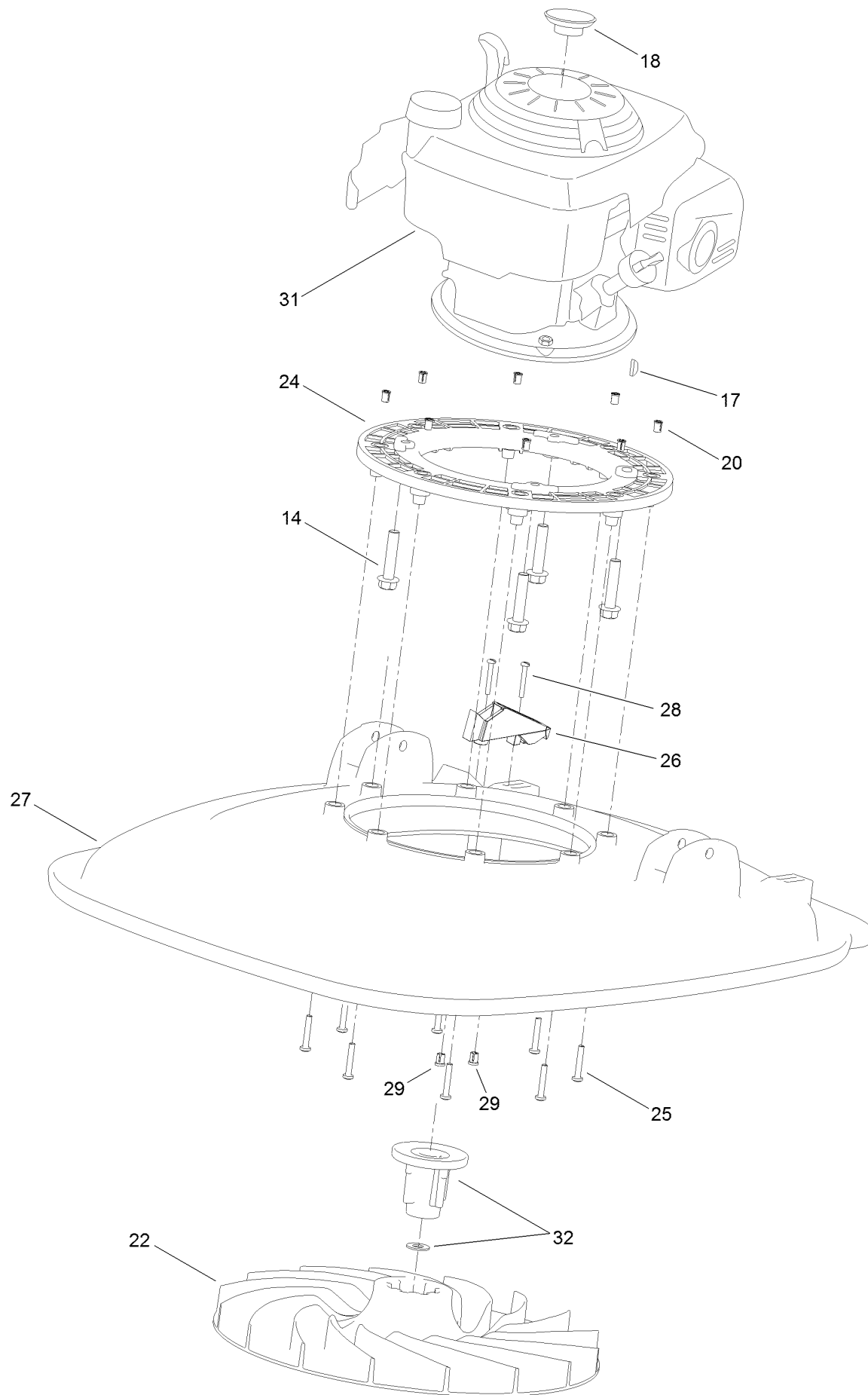
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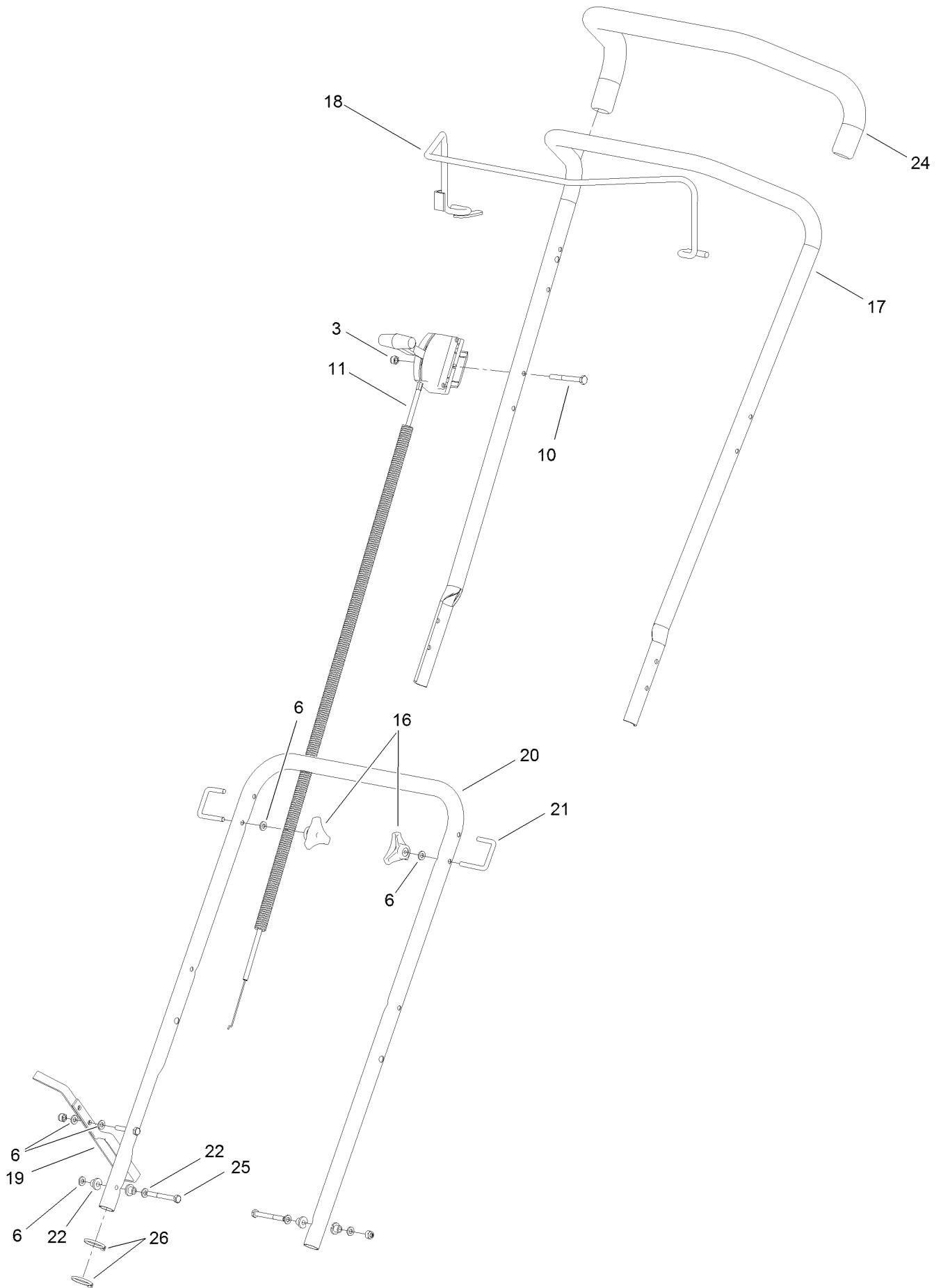
Engine and Deck Assembly



Engine and Deck Assembly (continued)

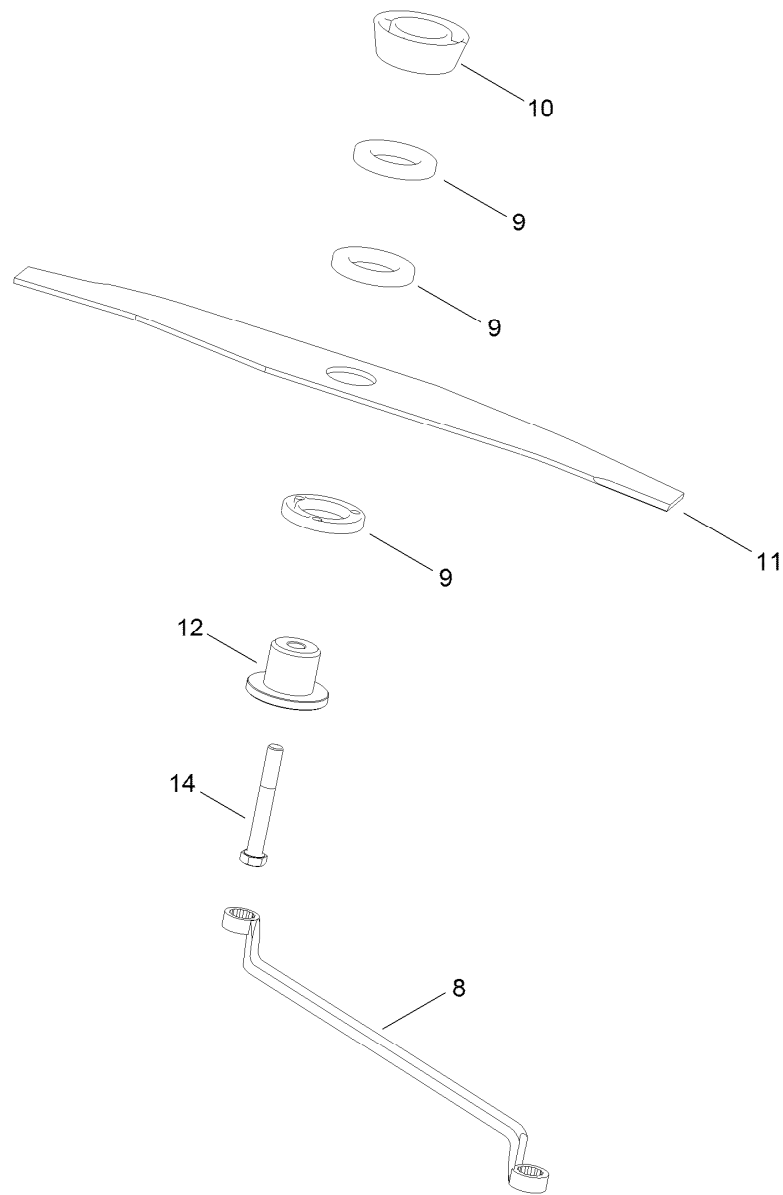
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
14	111-2157	4	Screw-Taptite	26	H292269	1	Bracket
17	1662	1	Key-Woodruff	27	H292275	1	Deck
18	H190118	1	Protector-Seal, Oil	28	H292279	2	Screw
20	H192266	8	Insert-Brass	29	H292280	2	Insert
22	H192268	1	Impeller	31	H292375	1	Engine-Honda
24	H292000	1	Frame-Mounting, Engine	32	H290011	1	Drive And Spacer ASM
25	H292004	8	Set-Screw				

Handle Assembly



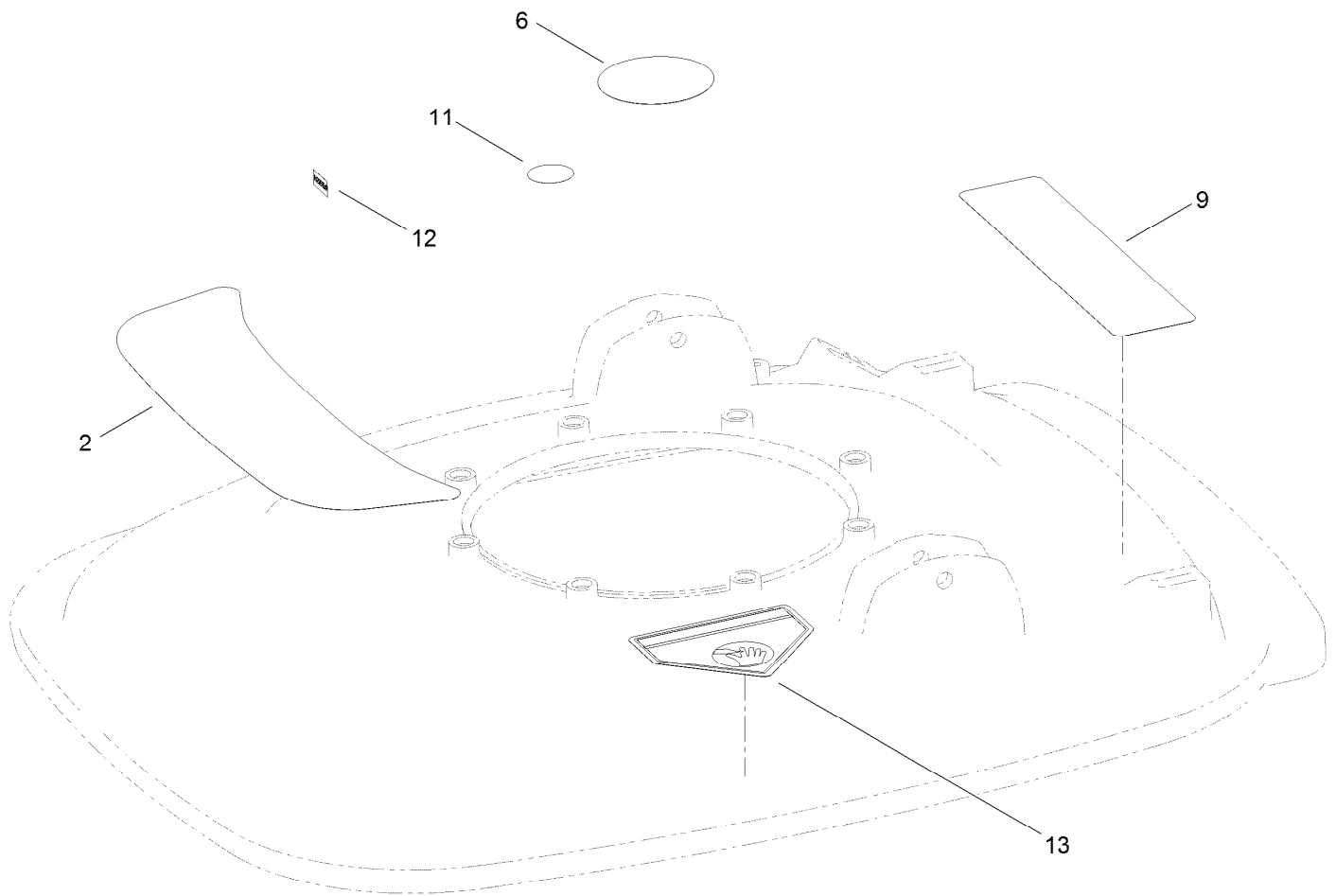
Handle Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
3	09544	4	Nut-Nyloc	19	H290286	1	Footstop
6	100.000.630	8	Washer	20	H290288	1	Handle-Lower
10	111-2204	1	Screw-Pan	21	H292026	2	Bolt-U
11	111-2205	1	Throttle Control With Opc ASM	22	H292058	4	Spacer-Handle
16	H192204	2	Handwheel	24	H292276	1	Grip-Handle
17	H290237	1	Handle-Upper	25	H292309	2	Bolt-Hex
18	H290239	1	Arm-Bail	26	HY3966	2	Tie-Cable



Cutting Assembly

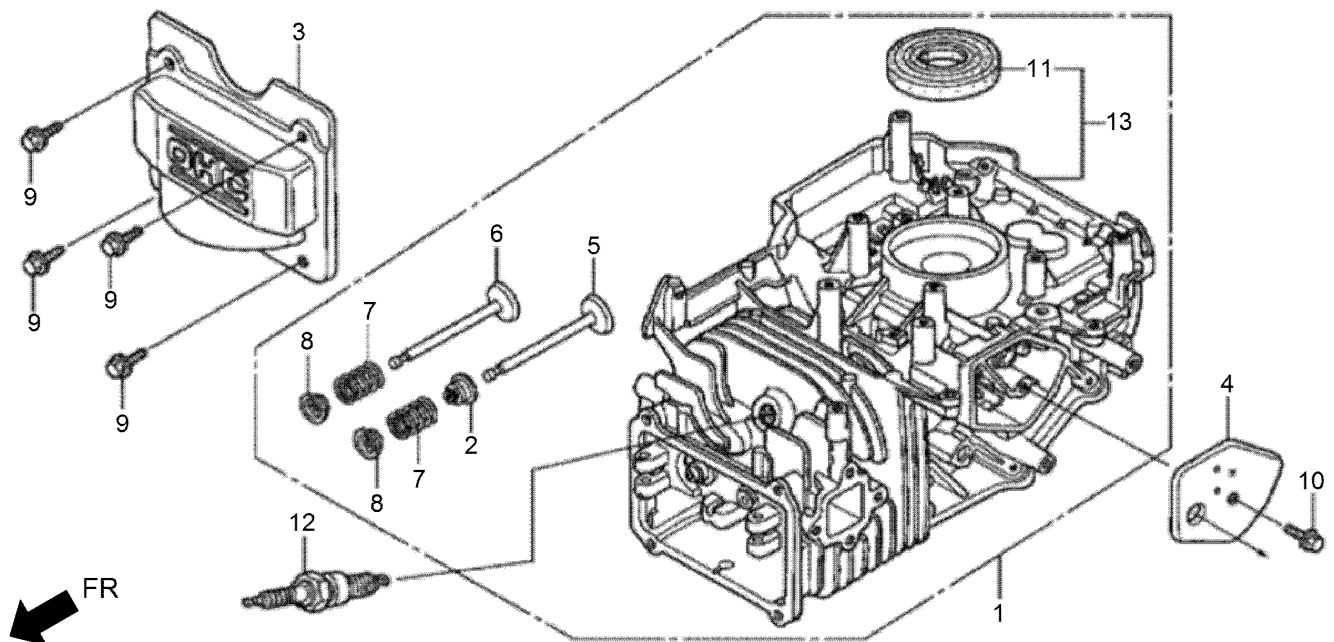
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
8	H190210	1	Spanner
9	H192025	3	Spacer-Blade, Aluminium
10	H192270	1	Spacer-Distance
11	H192271	1	Blade-46 Cm
12	H192272	1	Retainer-Blade
14	H292018	1	Screw-Set



Deck Decal Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	111-5349	1	Decal-Hover Pro
6	111-5362	1	Decal-Engine
9	111-5393	1	Decal-Warning
11	H295124	1	Decal
12	H295159	1	Decal-Stop
13	94-8072	1	Decal-Danger

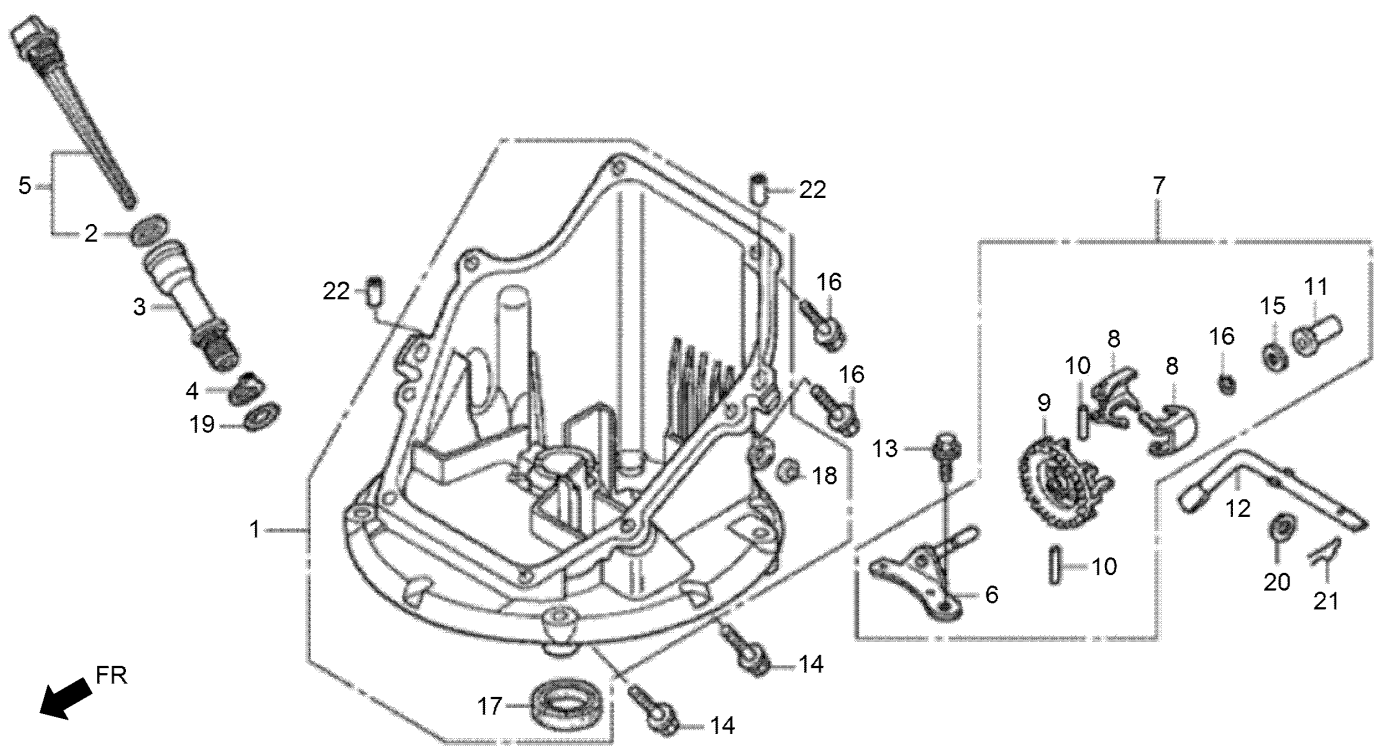
Cylinder Barrel Assembly



Cylinder Barrel Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	132-0116	1	Barrel ASM-Cylinder (To S/N 4079546)	9	132-4880	4	Bolt-Flange-6X12
2	132-0122	1	Seal-Valve Stem	10	132-0595	1	Bolt-Flange-6X14
3	132-0129	1	Cover-Head	11	132-0655	1	Oil Seal-25.4X62X6
4	132-0131	1	Breather Cover ASM	12	131-8232	1	Sparkplug
5	132-0192	1	Valve-Intake	13	132-0109	1	Barrel ASM-Cylinder (From S/N 4079547 To 4408691)
6	132-0201	1	Valve-Exhaust	13	132-0110	1	Barrel ASM-Cylinder (From S/N 4408692)
7	132-0207	2	Spring-Valve				
8	132-0211	2	Retainer-Intake Valve Spring				

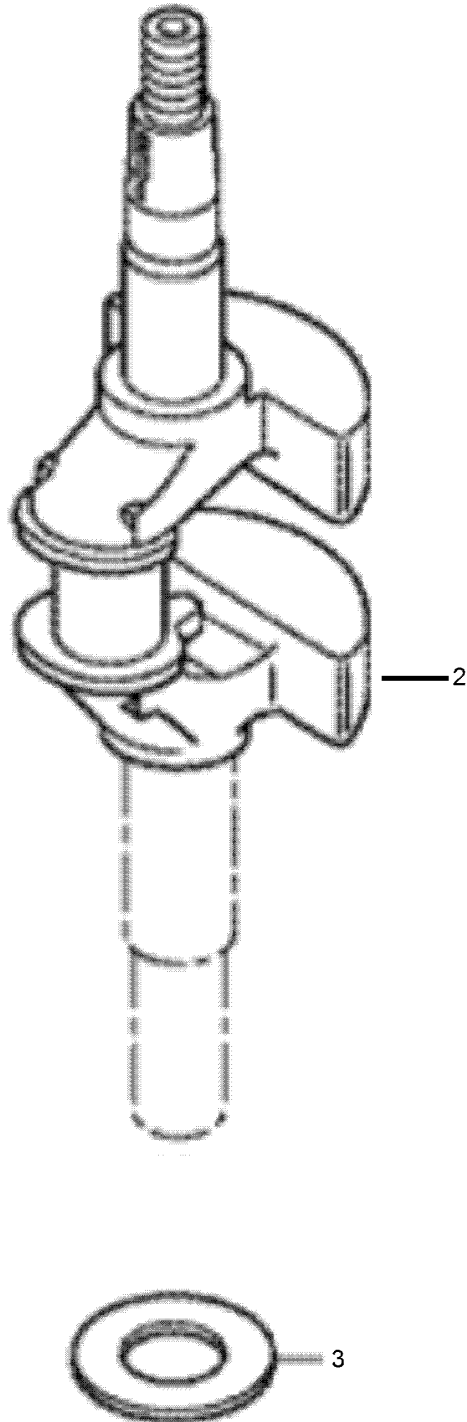
Oil Pan Assembly



Oil Pan Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	132-0102	1	Pan ASM-Oil	12	132-0308	1	Shaft-Governor Arm
2	132-0226	1	Packing-Oil Filler Cap	13	132-0595	1	Bolt-Flange-6X14
3	132-0227	1	Extension-Oil Filler	14	132-0620	8	Bolt-Flange-6X25
4	132-0229	1	Washer-Extension Lock	15	132-0635	1	Washer-Thrust-6Mm
5	132-0230	1	Gauge ASM-Oil Level	16	132-0642	1	Clip-Governor Holder
6	132-0296	1	Governor Holder Shaft ASM	17	132-0660	1	Oil Seal-28X41.25X6
7	132-0297	1	Governor ASM	18	132-0661	1	Oil Seal-6X11X4
8	132-0299	2	Weight-Governor	19	132-0666	1	O-Ring-14.8X2.4
9	132-0301	1	Holder-Governor Weight	20	132-0688	1	Washer-Plain-6Mm
10	132-0303	2	Pin-Governor Weight	21	132-0693	1	Pin-Lock-8Mm
11	132-0304	1	Slider-Governor	22	132-0696	2	Dowel Pin-8X20

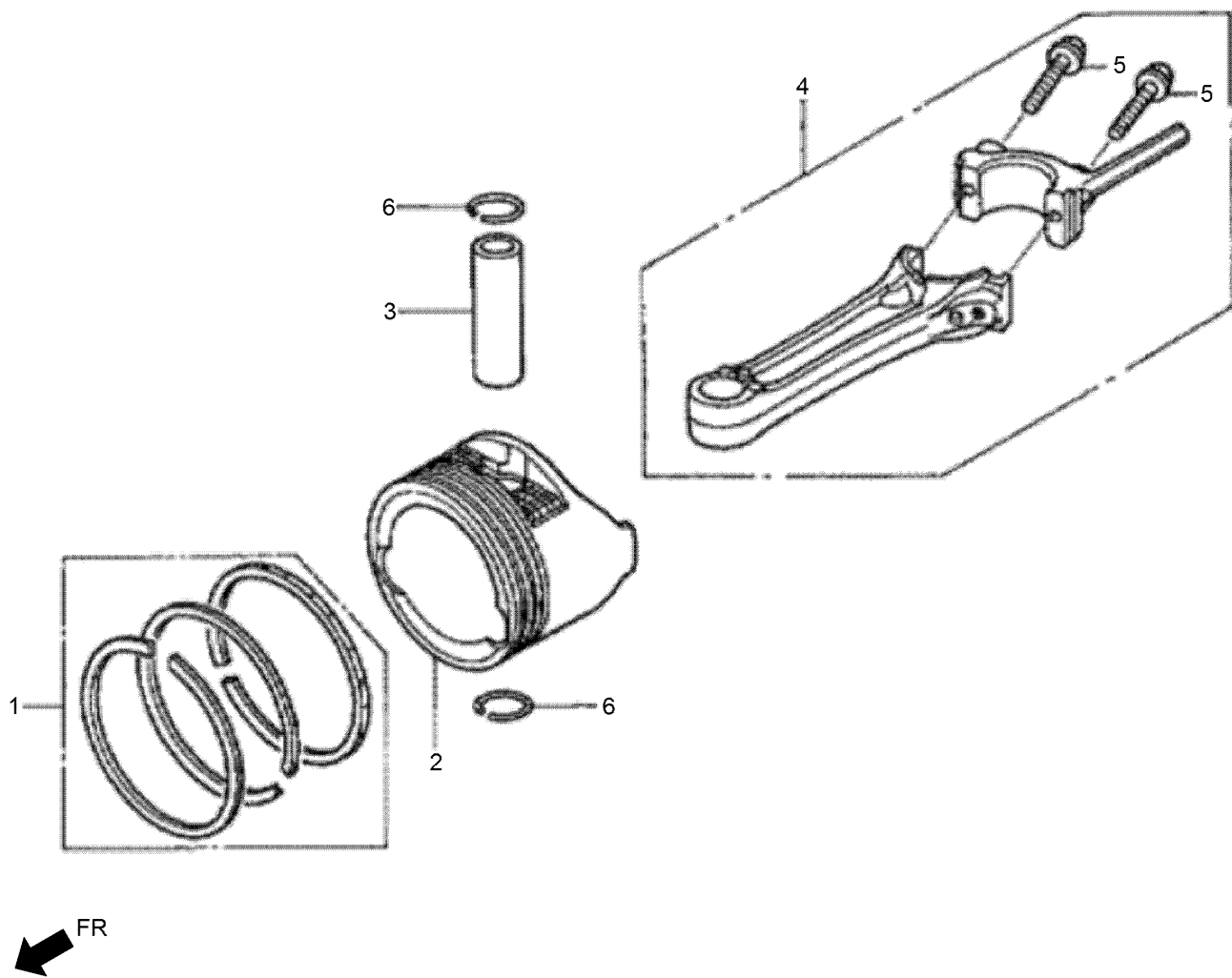
Crankshaft Assembly



Crankshaft Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	132-0161	1	Crankshaft Comp
3	132-0632	1	Washer-Thrust

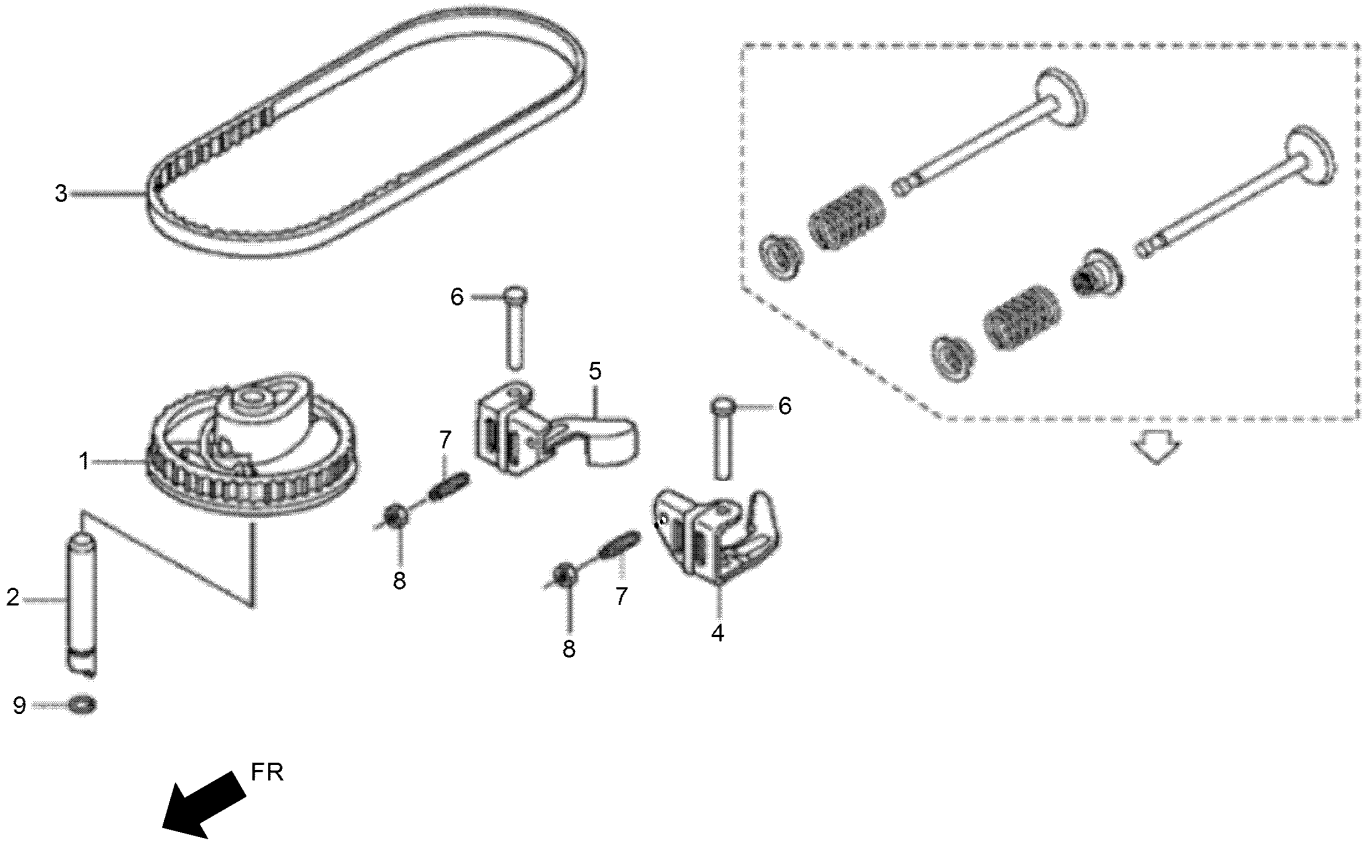
Piston and Connecting Rod Assembly



Piston and Connecting Rod Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	132-0134	1	Ring Set-Piston (From S/N 2277163 To 2531728)	2	132-0146	1	Piston (To S/N 2277162)
1	132-0135	1	Ring Set-Piston (STD) (From S/N 2277163 To 2531728)	2	132-0143	1	Piston (From S/N 2531729)
1	132-0136	1	Ring Set-Piston (STD) (From S/N 2531729)	2	132-0142	1	Piston (From S/N 2277163 To 2531728)
1	132-0139	1	Ring Set-Piston (To S/N 2277162)	3	132-0149	1	Pin-Piston (From S/N 4433466)
1	132-0140	1	Ring Set-Piston (To S/N 2531728)	3	132-0152	1	Pin-Piston (To S/N 4433465)
				4	132-0157	1	Rod ASM-Connecting
				5	132-0573	2	Bolt-Connecting Rod
				6	132-0636	2	Clip-Piston Pin-13Mm

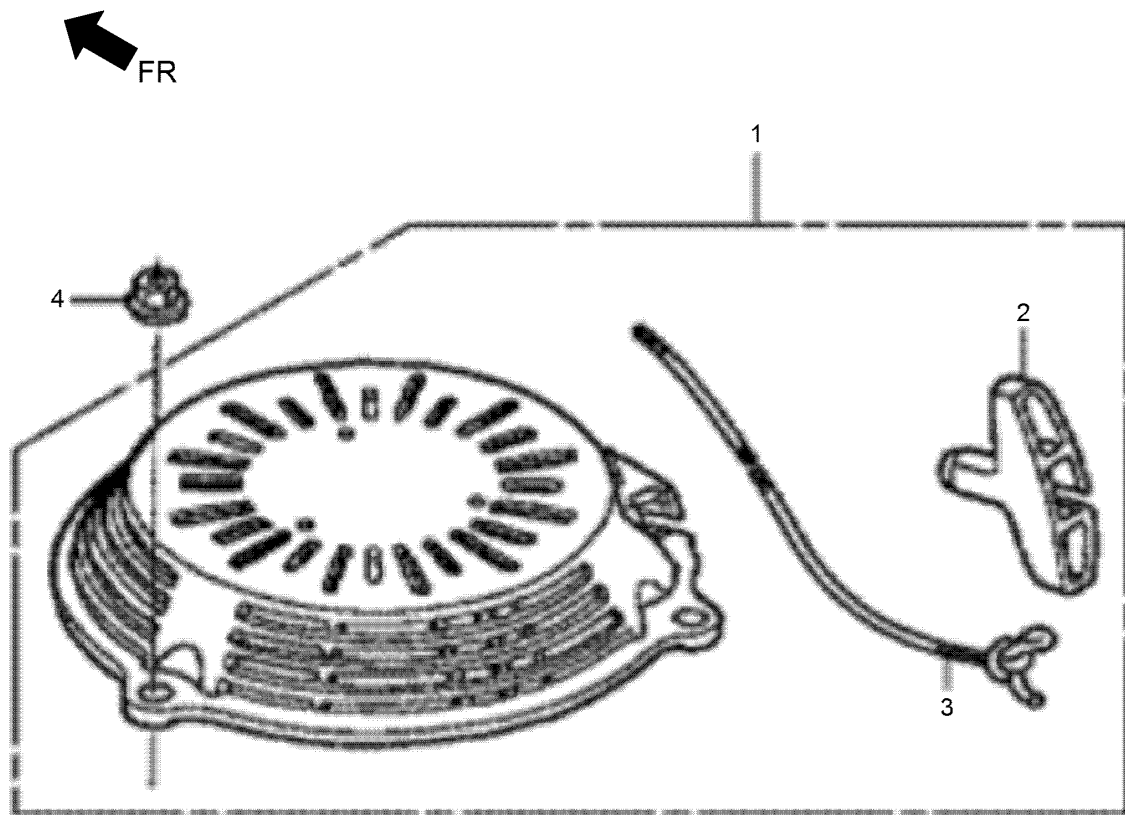
Camshaft Pulley Assembly



Camshaft Pulley Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	132-0175	1	Pulley-Camshaft	6	132-0190	2	Shaft-Rocker Arm
2	132-0177	1	Shaft-Cam Pulley	7	132-0589	2	Screw-Tappet Adjusting
3	132-0180	1	Belt-Timing	8	132-0627	2	Nut-Tappet Adjusting
4	132-0183	1	Arm-Intake Valve Rocker	9	132-0663	1	O-Ring-6.8X1.9
5	132-0187	1	Arm-Exhaust Valve Rocker				

Recoil Starter Assembly

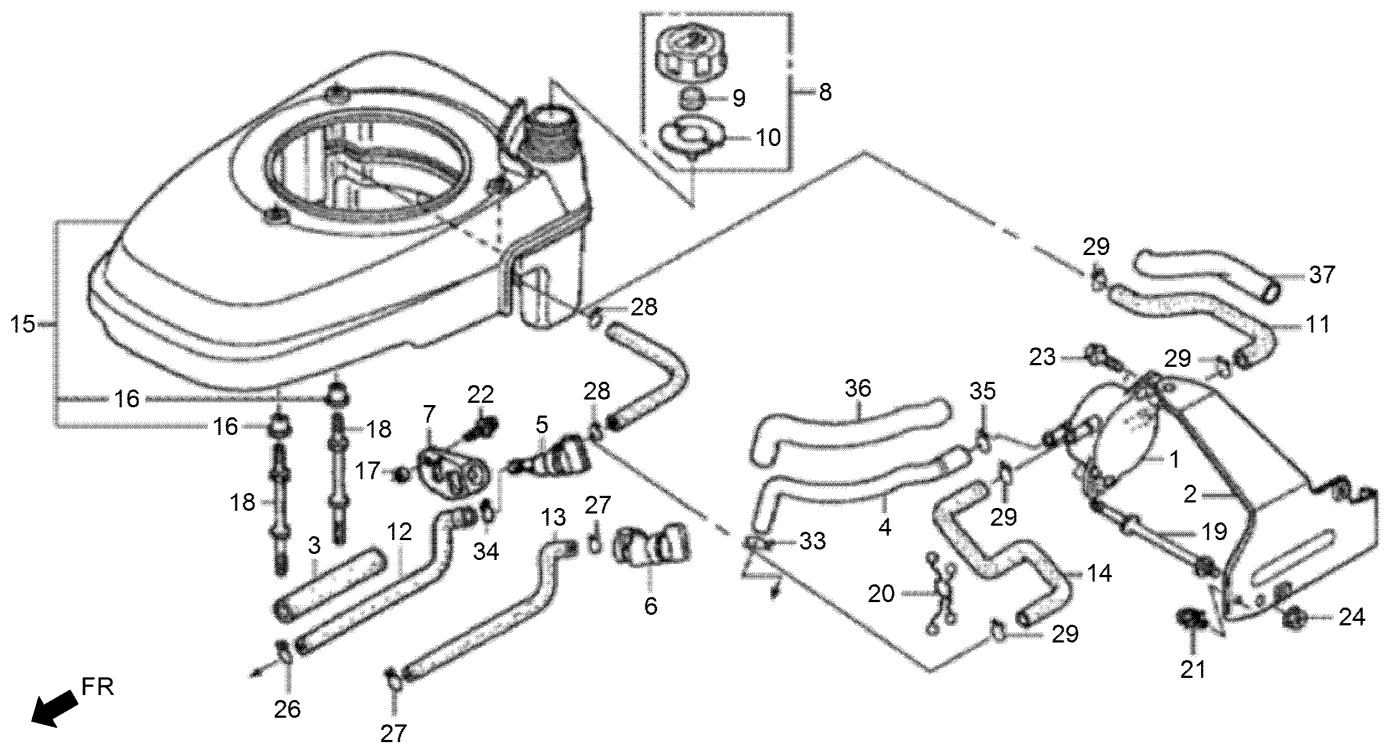


Recoil Starter Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	132-0480	1	Starter ASM-Recoil (Nh1)
2	132-0505	1	Grip-Starter

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
3	132-0508	1	Rope-Recoil Starter
4	132-0626	3	Nut-Flange-6Mm

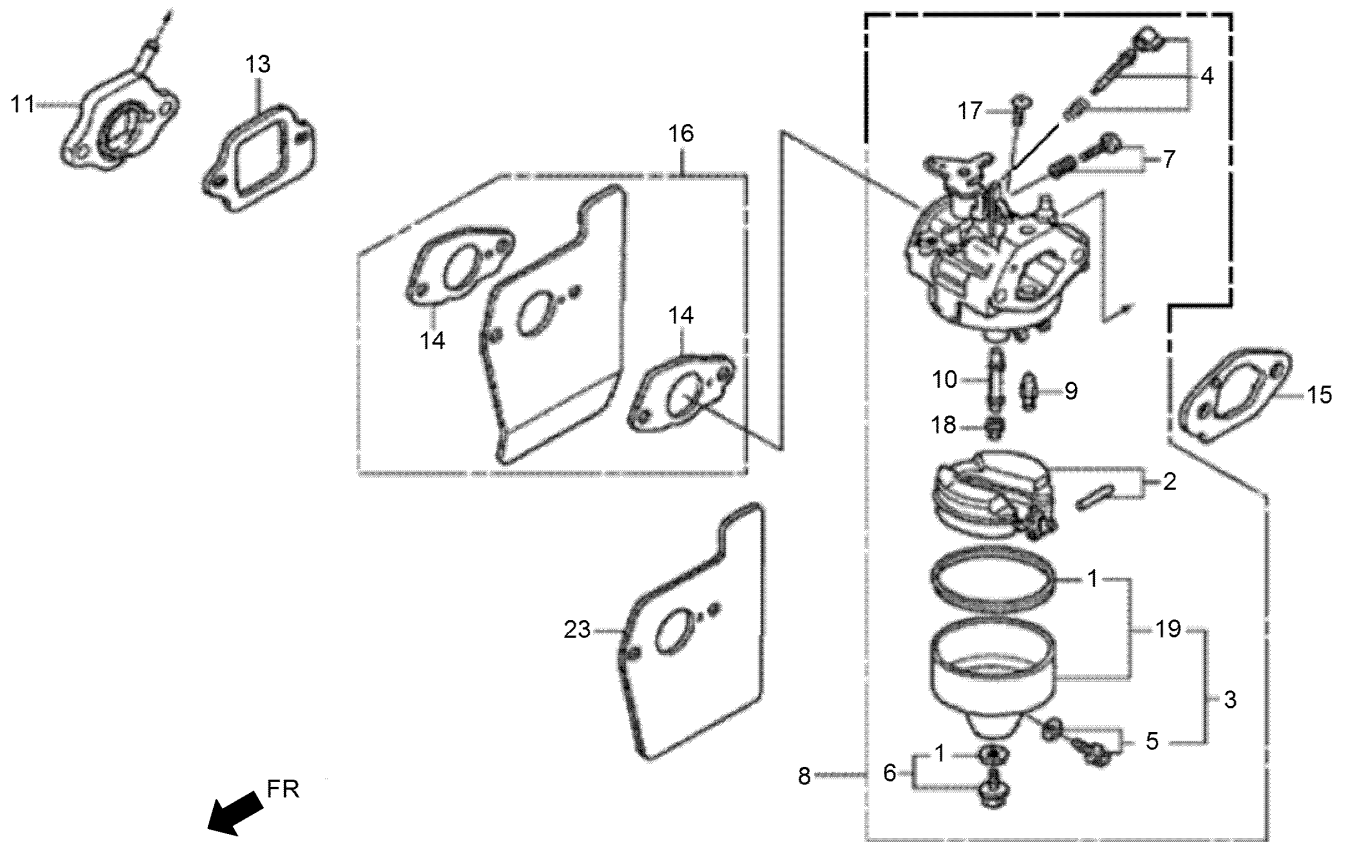
Fuel Tank and Fuel Pump Assembly



Fuel Tank and Fuel Pump Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	132-0346	1	Pump ASM-Fuel	15	132-0466	1	Fan Cover ASM (Nh1)
2	132-0348	1	Stay-Fuel Pump	16	132-0471	3	Collar-Fan Cover
3	132-0349	1	Rubber-Supporter	17	132-0527	1	Collar-Fr Winker
4	132-0353	1	Tube-Diaphragm	18	132-0609	3	Bolt-Stud
5	132-0354	1	Cock ASM-Fuel (To S/N 1694818)	19	132-0607	1	Bolt-Stud
6	132-0355	1	Cock ASM-Fuel (From S/N 1694819)	20	132-0639	1	Clip-Purse Lock
7	132-0363	1	Bracket-Fuel Cock (To S/N 1694818)	21	132-0644	1	Clip-Wire Harness
8	132-0411	1	Cap ASM-Fuel Tank	22	132-0681	1	Screw-Washer-5X10
9	132-0420	1	Sponge-Fuel Cap Breather	23	132-0683	2	Screw-Washer-5X14
10	132-0423	1	Packing-Fuel Cap	24	132-4881	1	Nut-Flange-6Mm
11	132-0434	1	Tube-Fuel Tank	26	132-0699	1	Clip-Tube (To S/N 1694818)
12	132-0439	1	Tube-Fuel (To S/N 1694818)	27	132-0699	2	Clip-Tube (From S/N 1694819)
13	132-0440	1	Tube-Fuel (From S/N 1694819)	28	131-8209	2	Clip-Tube
14	132-0442	1	Tube B-Fuel (To S/N 1963046)	29	131-8209	4	Clip-Tube
14	132-0443	1	Tube B-Fuel (From S/N 1963047)	33	131-8214	1	Clip-Tube
				34	131-8215	1	Clip-Tube (To S/N 1694818)
				35	131-8215	1	Clip-Tube
				36	131-8217	1	Tube-Vinyl-9X11X210
				37	131-8218	1	Tube-Vinyl-11X13X100

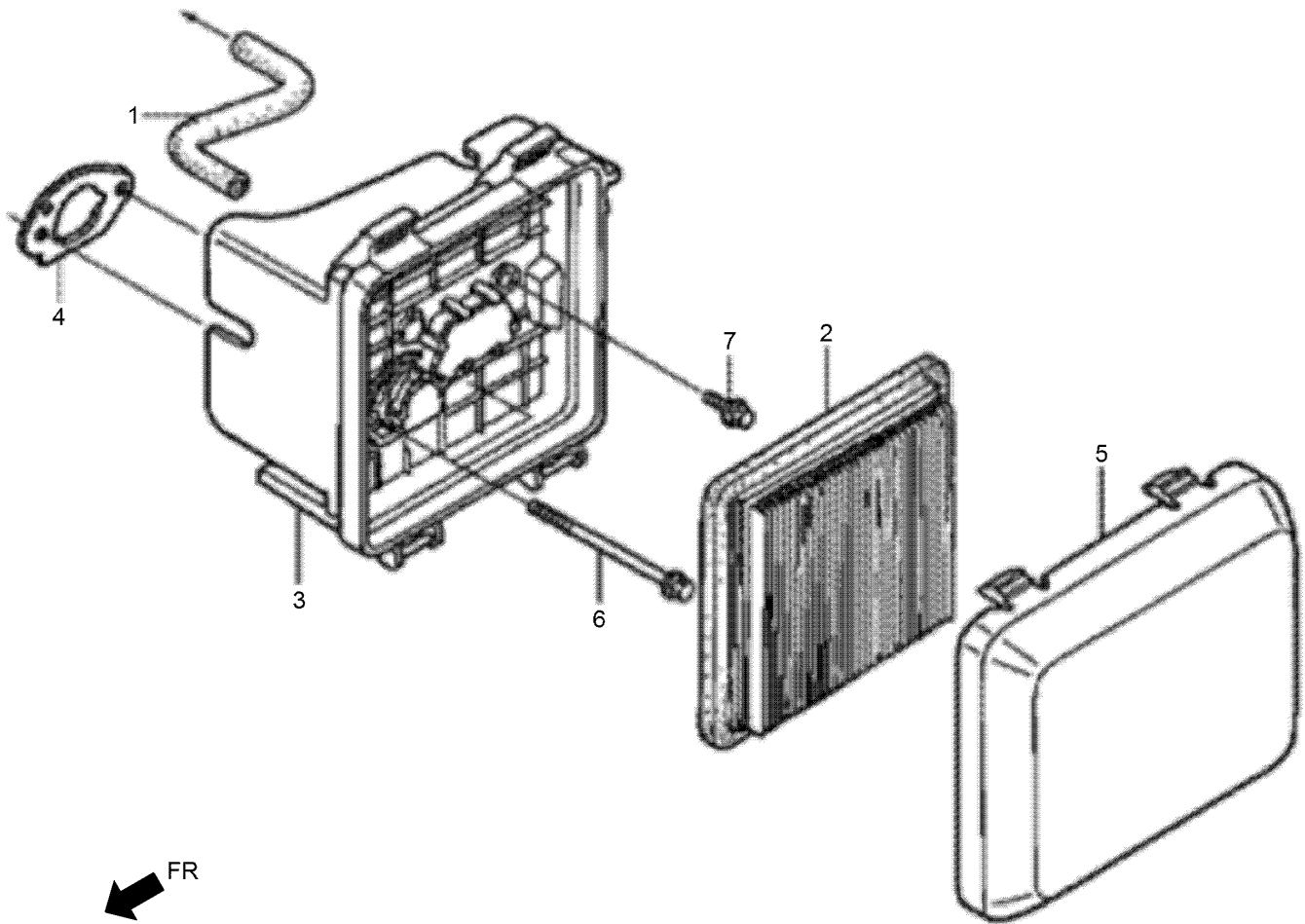
Carburetor Assembly



Carburetor Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	132-0238	1	Packing Set	9	132-0269	1	Valve-Float (Carburetor Bb64G A)
2	132-0244	1	Float Set	10	132-0274	1	Nozzle-Main
3	132-0245	1	Chamber Set-Float (Carburetor Bb64G B)	11	132-0277	1	Carburetor Insulator ASM
4	132-0249	1	Screw Set	13	132-0282	1	Packing-Insulator
5	132-0252	1	Screw Set-Drain (Carburetor Bb64G B)	14	132-0285	2	Packing-Carburetor (To S/N 2937994)
6	132-0254	1	Screw Set	15	132-0289	1	Packing-Carburetor
7	132-0256	1	Screw Set	16	132-0475	1	Air Guide ASM (To S/N 2937994)
8	132-0259	1	Carburetor ASM (To S/N 2017060)	17	132-0677	1	Screw-Pan-5X6
8	132-0260	1	Carburetor ASM (From S/N 2017061 To 2932893)	18	131-8234	1	Jet-Main No. 62
8	132-0261	1	Carburetor ASM (From S/N 2932894 To 4486248)	19	132-0246	1	Chamber Set-Float (Carburetor Bb64G C)
8	132-0262	1	Carburetor ASM (From S/N 4486249)	23	132-0476	1	Guide-Air (From S/N 2937995)
9	132-0270	1	Valve-Float (Carburetor Bb64G B)				

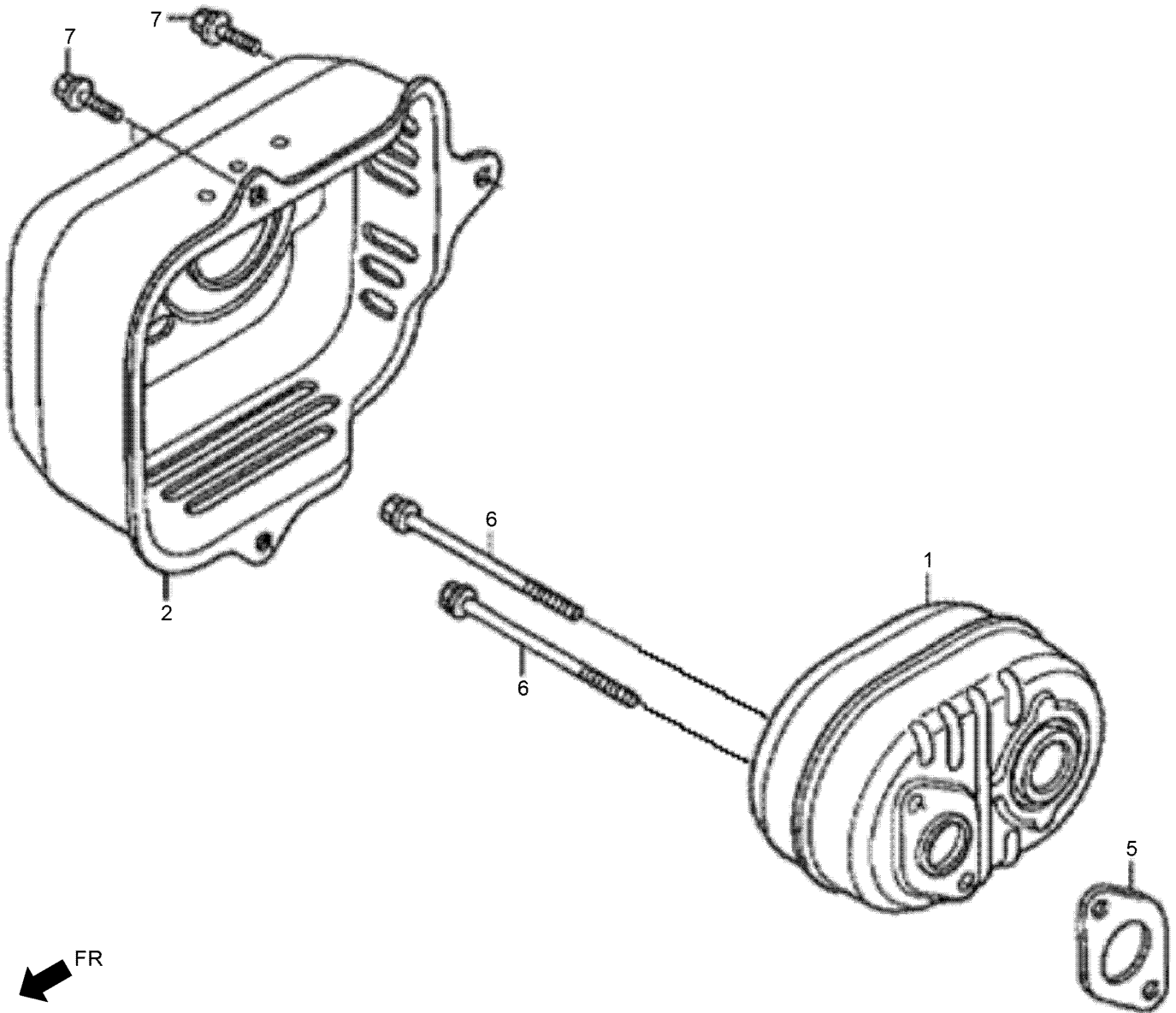
Air Cleaner Assembly



Air Cleaner Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	132-0236	1	Tube-Breather (To S/N 4363608)	4	132-0381	1	Packing-Air Cleaner
1	132-0232	1	Tube-Breather (From S/N 4363609)	5	132-0385	1	Cover-Air Cleaner (To S/N 3176270)
2	132-0370	1	Element-Air Cleaner	5	132-0386	1	Cover-Air Cleaner (From S/N 3176271)
3	132-0374	1	Case ASM-Air Cleaner (To S/N 2933836)	6	132-0580	2	Bolt-Flange-6X86 (To S/N 2937994)
3	132-0375	1	Case ASM-Air Cleaner (From S/N 2933837 To 4012836)	6	132-0581	2	Bolt-Flange-6X85 (From S/N 2937995)
3	132-0376	1	Case ASM-Air Cleaner (From S/N 2933837)	7	131-8222	1	Bolt-Flange-6X14 (To S/N 2933836)

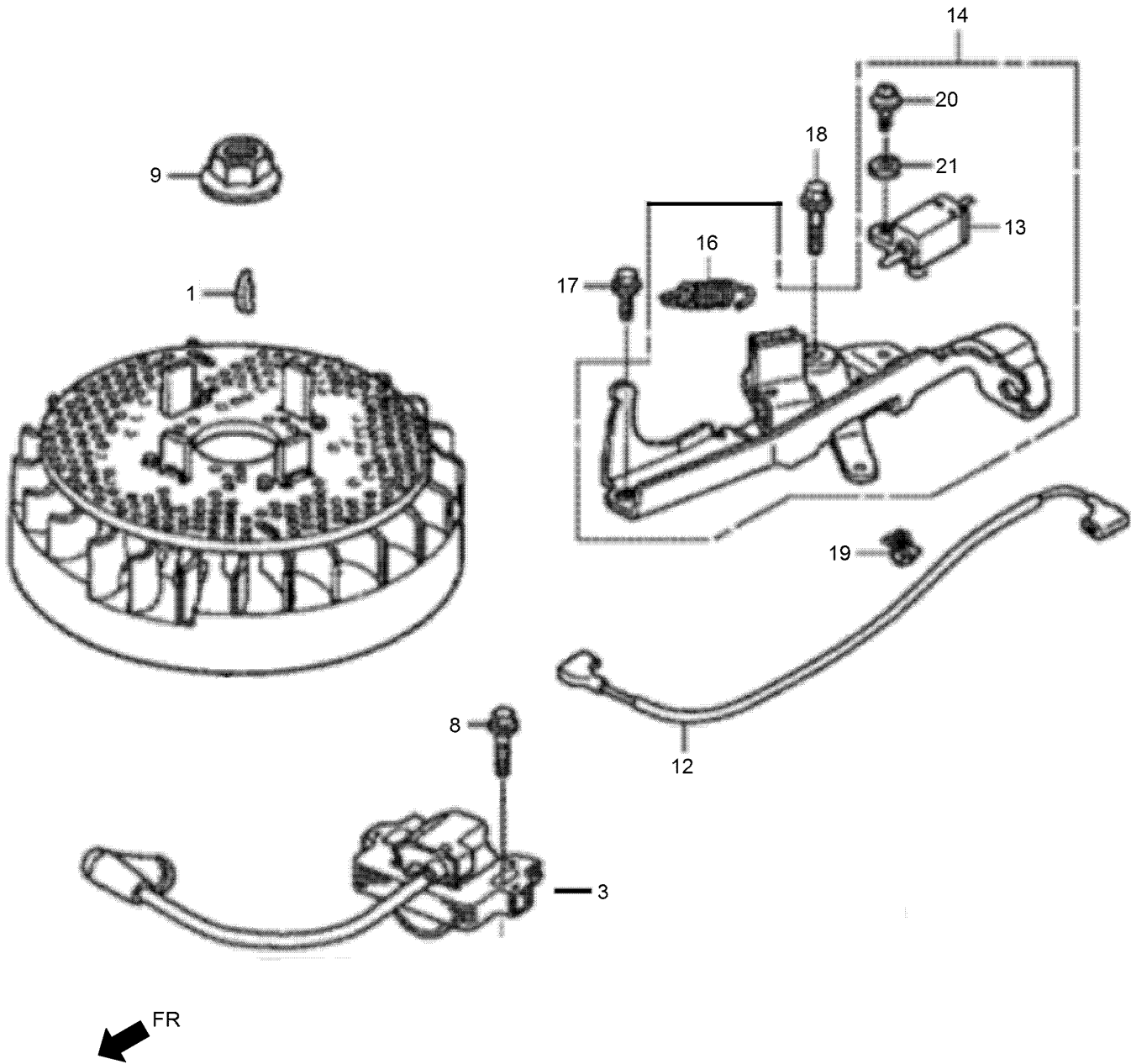
Muffler Assembly



Muffler Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	132-0448	1	Muffler	2	132-0455	1	Protector-Muffler (From S/N 3176271)
2	132-0451	1	Muffler Protector ASM (To S/N 3176270)	5	132-0458	1	Gasket-Muffler
2	132-0452	1	Muffler Protector ASM (From S/N 3176271)	6	132-0584	2	Bolt-Flange-6X79
				7	132-4880	3	Bolt-Flange-6X12

Flywheel and Ignition Coil Assembly



Flywheel and Ignition Coil Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	132-0167	1	Key-Special Woodruff-25X18	14	132-0535	1	Brake ASM (From S/N 4287165)
3	132-0511	1	Coil ASM-Ignition (To S/N 2759741)	14	132-0536	1	Brake ASM (To S/N 4287164)
3	132-0512	1	Coil ASM-Ignition (From S/N 2759742)	16	132-0538	1	Spring-Brake Lever
8	132-0605	1	Bolt-Flange-6X20	17	132-0595	1	Bolt-Flange-6X14
9	132-0624	1	Nut-Special-14Mm	18	132-0603	1	Bolt-Flange-6X23
12	132-0525	1	Cord-Stop Switch	19	132-0645	1	Clip A-Cable
13	132-0531	1	Switch ASM-Engine Stop	20	132-0682	1	Screw-Washer-4X12
				21	132-0689	1	Washer-Plain-4Mm

Attachments and Accessories

For 02603 HoverPro 450 Mower

Product Name	Model/Part
High-Rise Kit.....	02619
Transport Wheel Kit	02622
Handlebar Extension Kit	02623
Anti-Vibration Handlebar Kit	02624

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