FORM NO. 3322–185 REV A

TORO®

ProLine

Mid Size Traction Unit

18 H.P. Kohler Gear Drive

Model No. 30183 – 990001 & UP

Parts Catalog

ORDERING REPLACEMENT PARTS

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

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Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

Abbreviation	Meaning
AR	as required
ASM	assembly
CARR	carriage
DEG	degrees
FH	flat head
GA	gauge
HF	hex flange
HFW	hex flange washer
HH	hex head
HHF	hex head flange
HHST	hex head self tapping
HJ	hex jam
HOC	height-of-cut
HS	hex socket
HSBH	hex socket button head
HSFH	hex socket flat head
HSH	hex socket head
HWH	hex washer head
HWHTF	hex washer head thread forming
INC	incorporated
LH	left hand
PH	pan head
PPH	Phillips pan head
PTO	power take off
RH	right hand
SFH	slotted fillister head
SH	square head
SHWH	slotted hex washer head
SPH	slotted pan head
STD	standard
TAP	self tapping
TH	truss head
TTH	Torx truss head
WH	wing head

Important Format Explanations

This catalog uses special formats to convey information in illustrations and parts lists. Specifically, one format is used in conjunction with service assemblies and another with quantities associated with reference numbers.

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Service Assemblies

Parts within service assemblies have reference numbers in the form *X:Y. X* is the reference number of the service assembly and *Y* is a sequential number unique to each part within the service assembly.

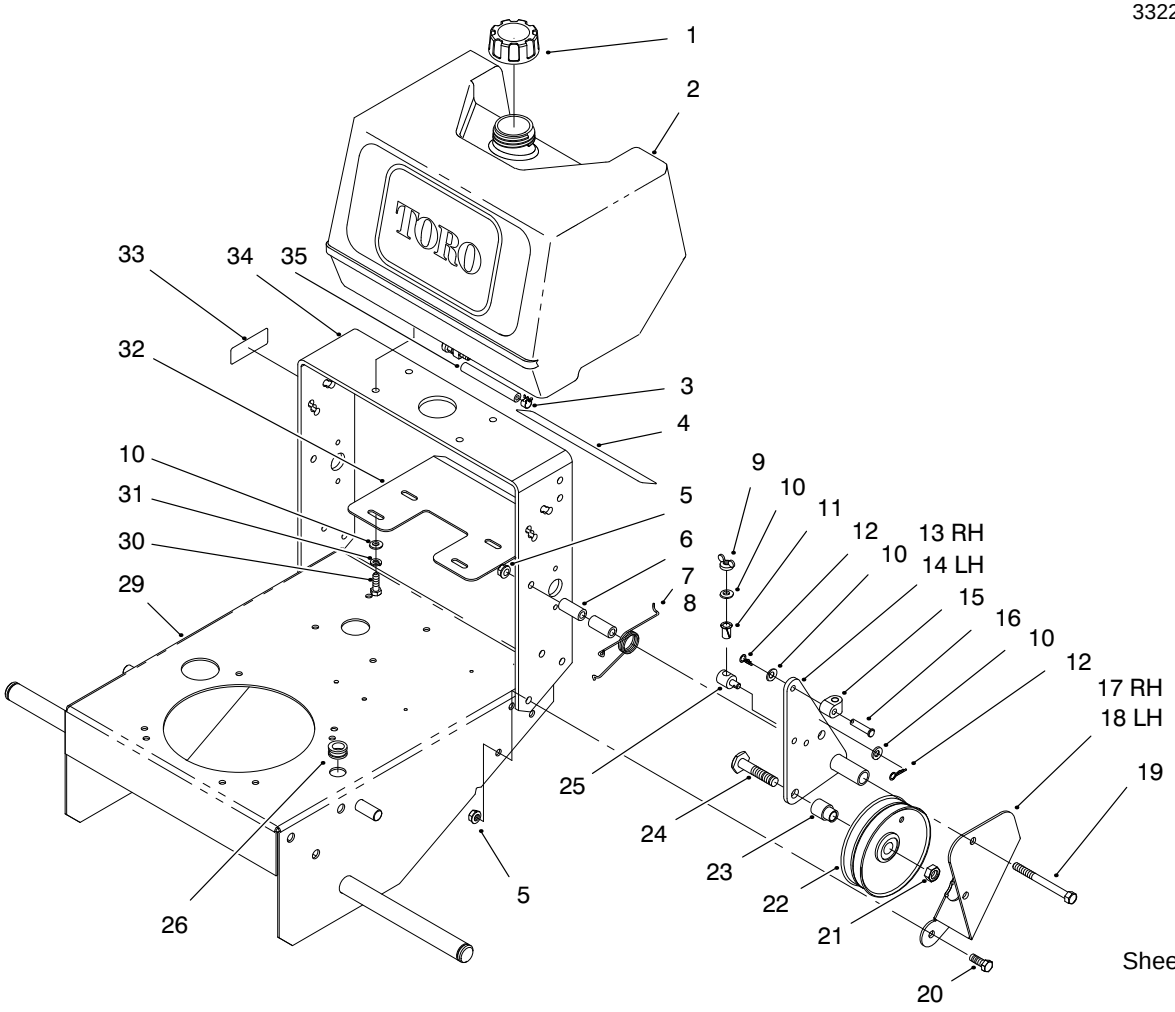
For example, a wheel assembly might be identified by reference number 6, the tire by 6:1, the valve by 6:2, and the wheel by 6:3. When you order the assembly identified by reference number 6, you receive all parts identified by reference numbers 6:1, 6:2, and 6:3. However, you may also order any part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

Reference numbers of this type appear in part lists and as callouts in illustrations.

Reference Numbers with Quantities

Illustrations may have a quantity in parentheses next to a reference number, in the form *X (Y). X* is the reference number. *Y* in parentheses is the quantity of the part identified by the reference number.

For example, the illustration callout 4 (2) indicates that two parts are used in that instance.

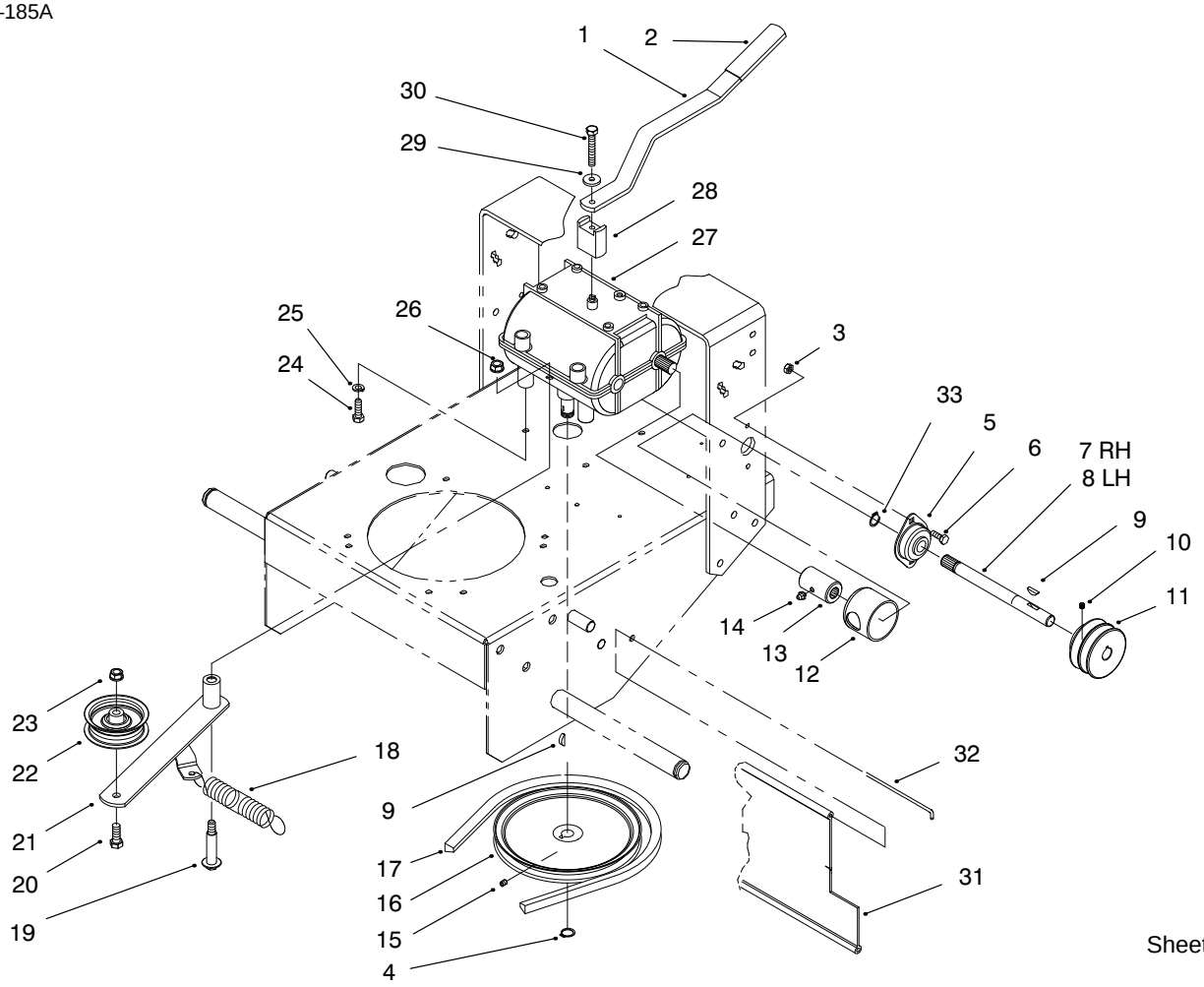


Sheet No.: 2

Fuel Tank & Idler Bracket Assembly

Ref. No.	Part No.	Qty.	Description
1	55–3570	1	Cap–Fuel
2	95–2802	1	Tank–Fuel
3	2412–98	2	Clamp–Hose
4	82–7750	1	Decal–Ground Speed
5	3296–39	8	Nut–Lock
6	74–0040	4	Spacer–Pivot
7	51–4370	1	Spring–RH
8	51–4380	1	Spring–LH
9	32103–25	2	Nut–Wing
10	3256–23	10	Washer–Flat
11	52–2890	2	Bushing–Flanged
12	3290–307	4	Pin–Hair
13	74–0230	1	Idler Bracket RH
14	74–0220	1	Idler Bracket LH
15	74–0521	2	Rod–Fitting
16	283–6	2	Pin–Clevis
17	67–6370	1	Bracket–RH
18	67–6380	1	Bracket–LH
19	323–16	2	Screw–HH
20	323–6	6	Screw–HH
21	3296–23	2	Nut–Lock
22	95–2800	2	Pulley–Idler
23	95–2801	2	Spacer–Pulley
24	51–4450	2	Screw–Leveler
25	68–9690	2	Fitting Rod
26	237–124	1	Grommet

Ref. No.	Part No.	Qty.	Description
29	93–1156	1	Frame
30	322–4	4	Screw–HH
31	3253–4	4	Washer–Lock
32	66–7400	1	Plate–Control
33	95–2814	1	Decal–Fuel Shut–Off
34	74–0360	1	Frame–Rear
35	47–2982	1	Hose–Fuel

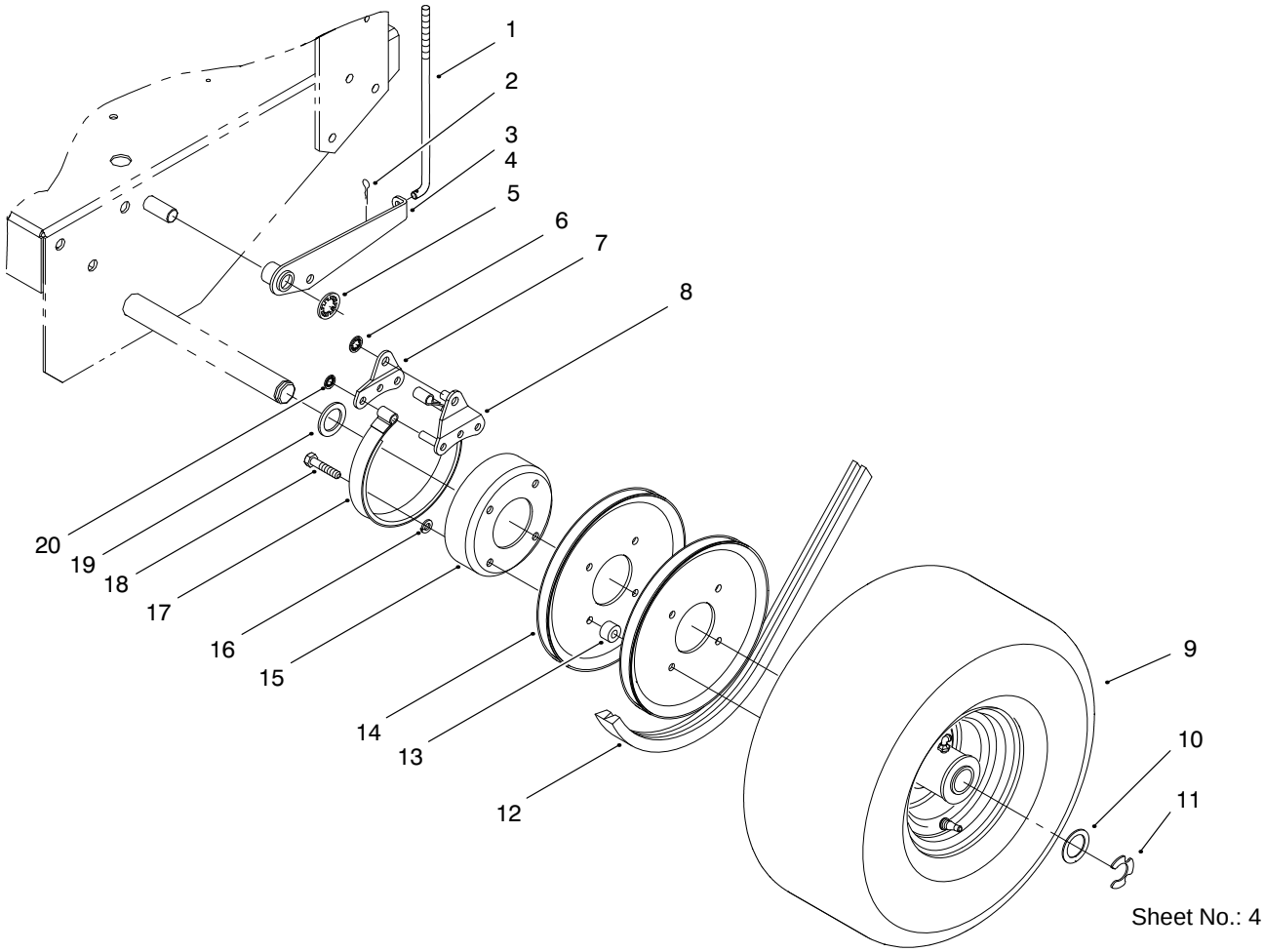


Sheet No.: 3

Transmission & Idler Pulley Assembly

Ref. No.	Part No.	Qty.	Description
1	74–0320	1	Lever–Shift
2	47–1970	1	Grip–Engagement
3	3296–42	4	Nut–Lock
4	32120–64	1	Ring–Retaining
5	51–4270	2	Bearing–Shaft Ext
6	321–4	4	Screw–HH
7	98–0788	1	Shaft–RH
8	98–0787	1	Shaft–LH
9	3257–5	3	Key–Woodruff
10	3245–3	2	Screw–HSH
11	74–0480	2	Pulley–Drive ASM
12	51–4220	2	Guard–Coupler
13	98–0789	2	Coupler
14	302–5	2	Fitting–Grease
15	3245–1	1	Screw–Set
16	51–4190	1	Pulley–Drive
17	26–9671	1	”V” Belt
18	68–2190	1	Spring–Extension
19	27–6230	1	Bolt–Wheel
20	323–8	1	Screw–HH
21	82–4800	1	Lever–Idler
22	62–4540–03	1	Pulley–Idler
23	3296–39	1	Nut–Lock
24	322–2	4	Screw–HH
25	3253–4	4	Washer–Lock
26	3296–6	1	Nut–Lock

Ref. No.	Part No.	Qty.	Description
27	98–0791	1	Transmission
28	72–2190	1	Mount–Shift Lever
29	7–5461	1	Spacer–Transmission
30	329–10	1	Screw
31	95–1526	1	Shield–Trailing
32	95–1529	1	Rod–Shield
33	32151–62	2	Ring–Retaining

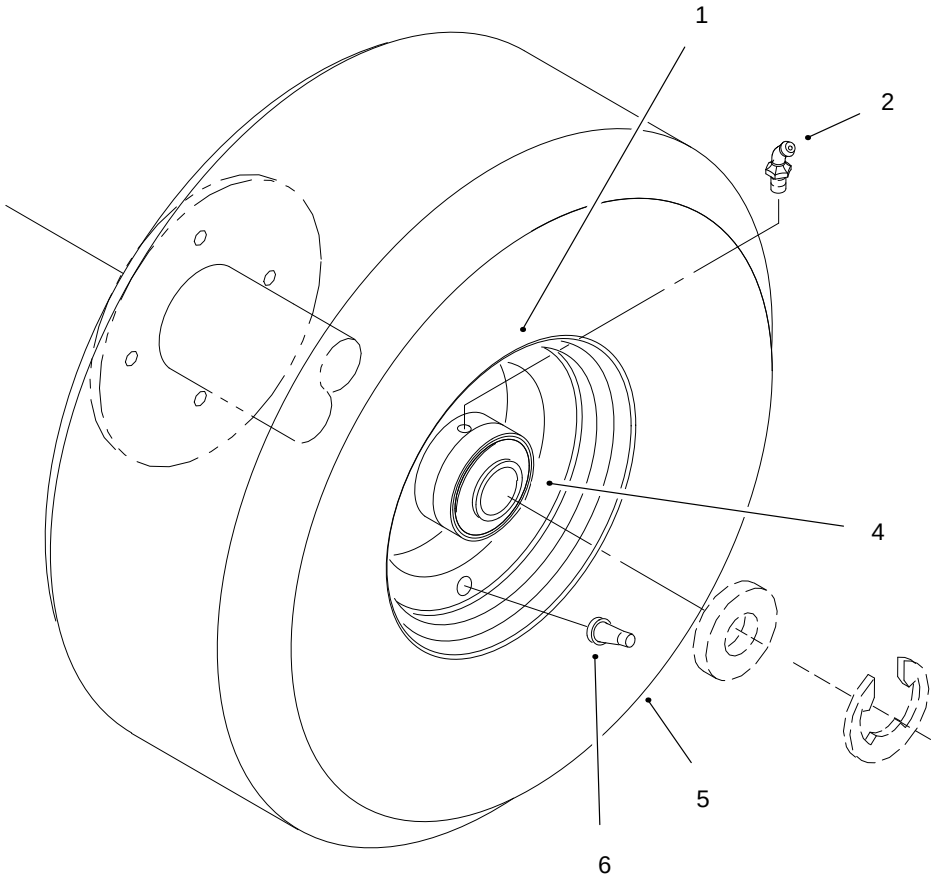


Sheet No.: 4

Brake, Wheel Pulley & Wheel Assembly

Ref. No.	Part No.	Qty.	Description
1	51–4580	2	Rod–Brake
2	3290–307	2	Pin–Hair
3	51–4600	1	Brake–Arm RH
4	51–4610	1	Brake Arm–LH
5	32151–40	2	Ring–Retaining
6	32151–56	2	Ring–Retaining
7	51–4660	2	Plate–Brake Link
8	51–4650	2	Link–Brake
9	94–9663	2	Wheel & Tire ASM
10	10–8110	A/R	Washer–Thrust
11	32151–91	2	Ring–Retaining
12	51–4290	2	Belt–Drive
13	51–4170	8	Spacer–Pulley
14	51–4160	4	Pulley–Wheel
15	51–4180	2	Drum–Brake
16	3253–4	8	Washer–Lock
17	51–4700	2	Band–Brake
18	322–7	8	Screw–HH
19	51–4230	2	Washer–Wheel
20	32151–72	4	Ring–Retaining

Ref. No.	Part No.	Qty.	Description

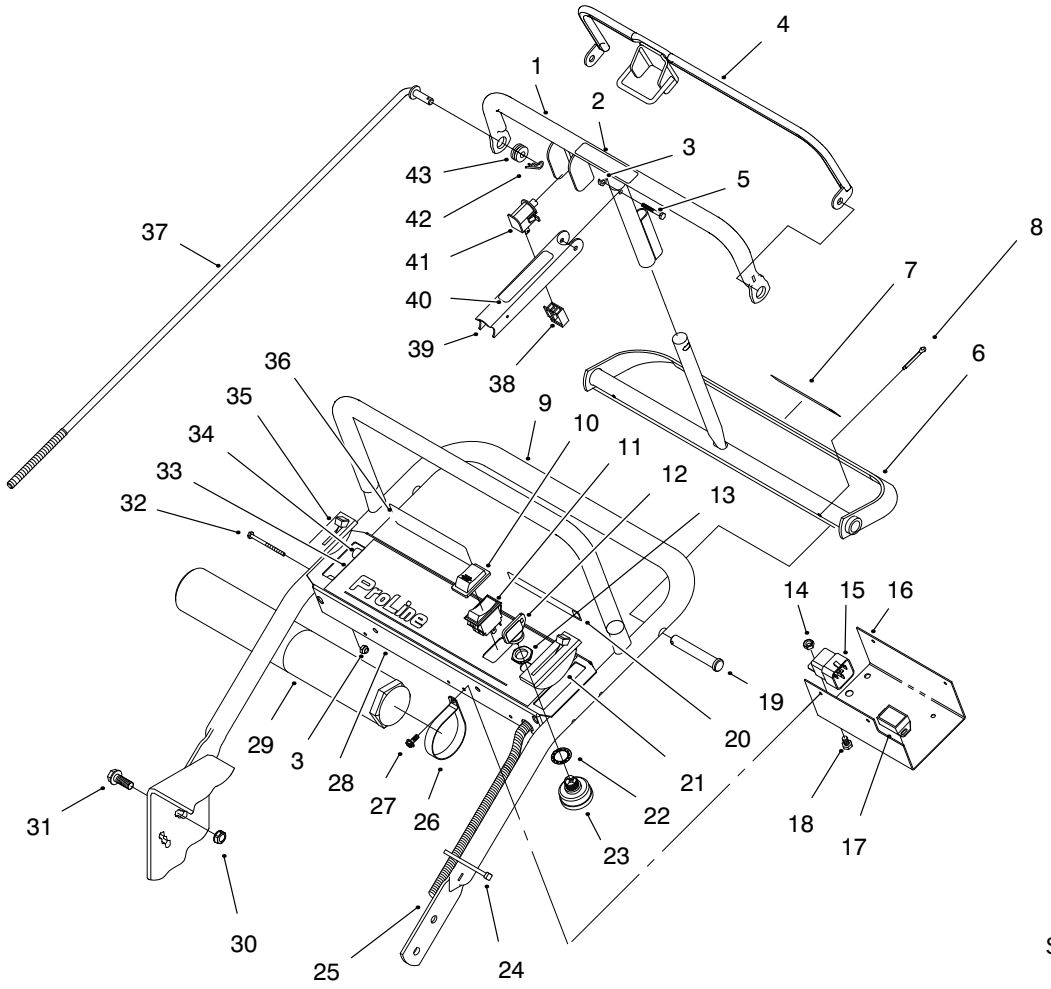


Sheet No.: 500

Wheel And Tire Asm

Ref. No.	Part No.	Qty.	Description
1	242–80	2	Wheel ASM
2	302–11	2	Fitting–Grease
4	92–1746	4	Bearing
5	231–117	2	Tire–15x6
6	232–27	2	Valve Stem

Ref. No.	Part No.	Qty.	Description

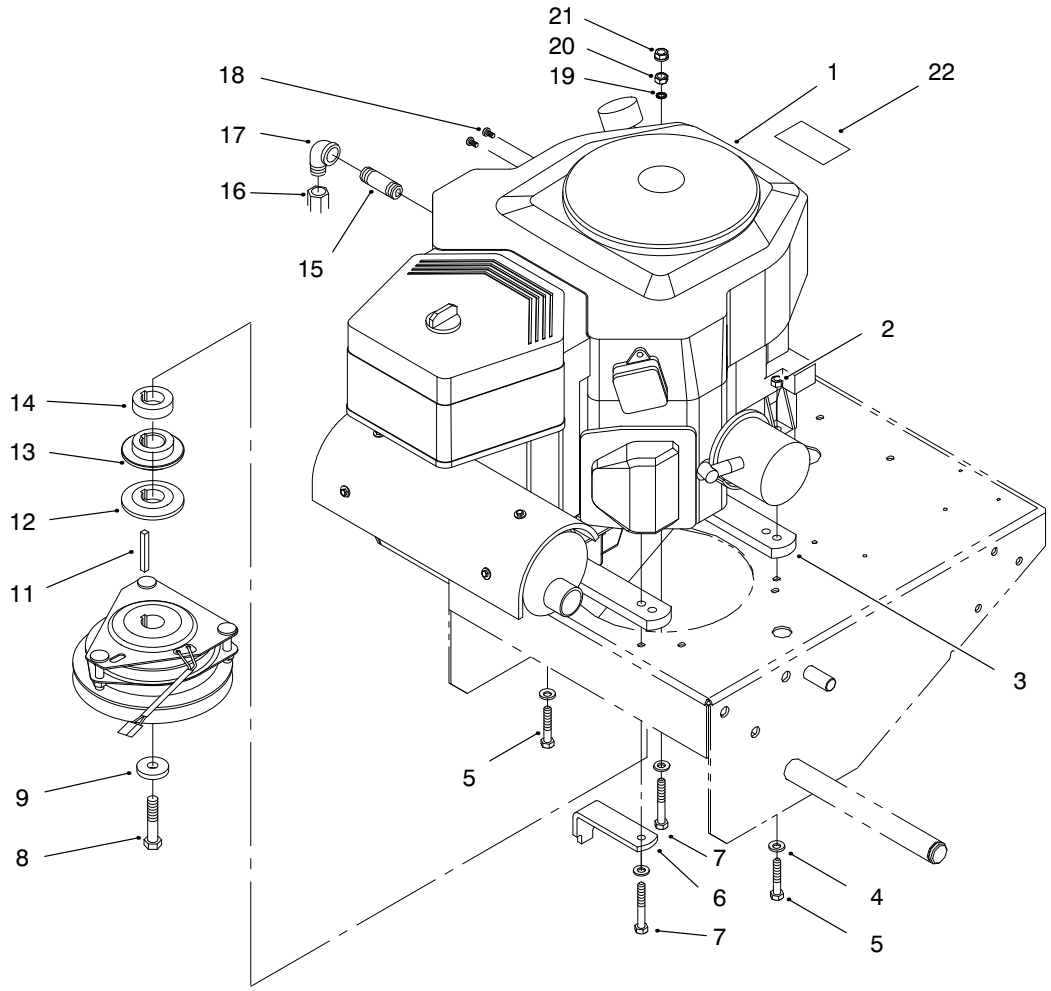


Sheet No.: 5

Handle & Control Panel Assembly

Ref. No.	Part No.	Qty.	Description
1	82–7690	1	Bar
2	82–2290	1	Decal–Control Bar
3	3296–2	5	Nut–Lock
4	82–7680–03	1	Bail
5	32105–1	1	Screw–HH
6	99–8501	1	Control Pivot
7	82–2280	1	Decal–Reverse
8	3272–11	2	Pin–Cotter
9	67–6440	1	Handle–Upper
10	82–3820	1	Boot–Switch
11	82–2300	1	Switch
12	63–8360	2	Key–Ignition
13	218–461	1	Nut–HH (F/W Sw)
14	3296–42	1	Nut–Lock
15	63–7590	1	Relay
16	93–1187–03	1	Panel–Bottom
17	94–9666	1	Module
18	321–2	1	Screw–HH
19	283–55	2	Pin–Clevis
20	65–3090	1	Decal–Manual
21	93–1190	1	Control–Throttle
22	3254–5	1	Washer–Lock
23	23–0660	1	Switch–Starter
24	3290–378	2	Tie–Cable
25	95–2805	1	Wire Harness–18hp Kohler

Ref. No.	Part No.	Qty.	Description
26	2412–120	2	Clamp–R
27	32104–76	4	Screw–Self TAP
28	82–2180–03	1	Panel–Control
29	74–0720	1	Tube–Manual
30	32128–21	4	Nut–HF
31	3234–11	4	Screw–HHF
32	32105–14	4	Screw–HH
33	82–7740	1	Decal–Control Panel
34	54–2970	2	Spacer
35	93–1191	1	Control–Choke
36	71–1280	1	Decal–Warning
37	82–7631	2	Rod–Control
38	218–595	1	Connector–Body
39	51–4850	1	Lever–Parking Brake
40	52–2010	1	Decal–Parking Lever
41	82–2190	1	Switch–Bail
42	3290–307	2	Pin–Hair
43	237–141	2	Grommet

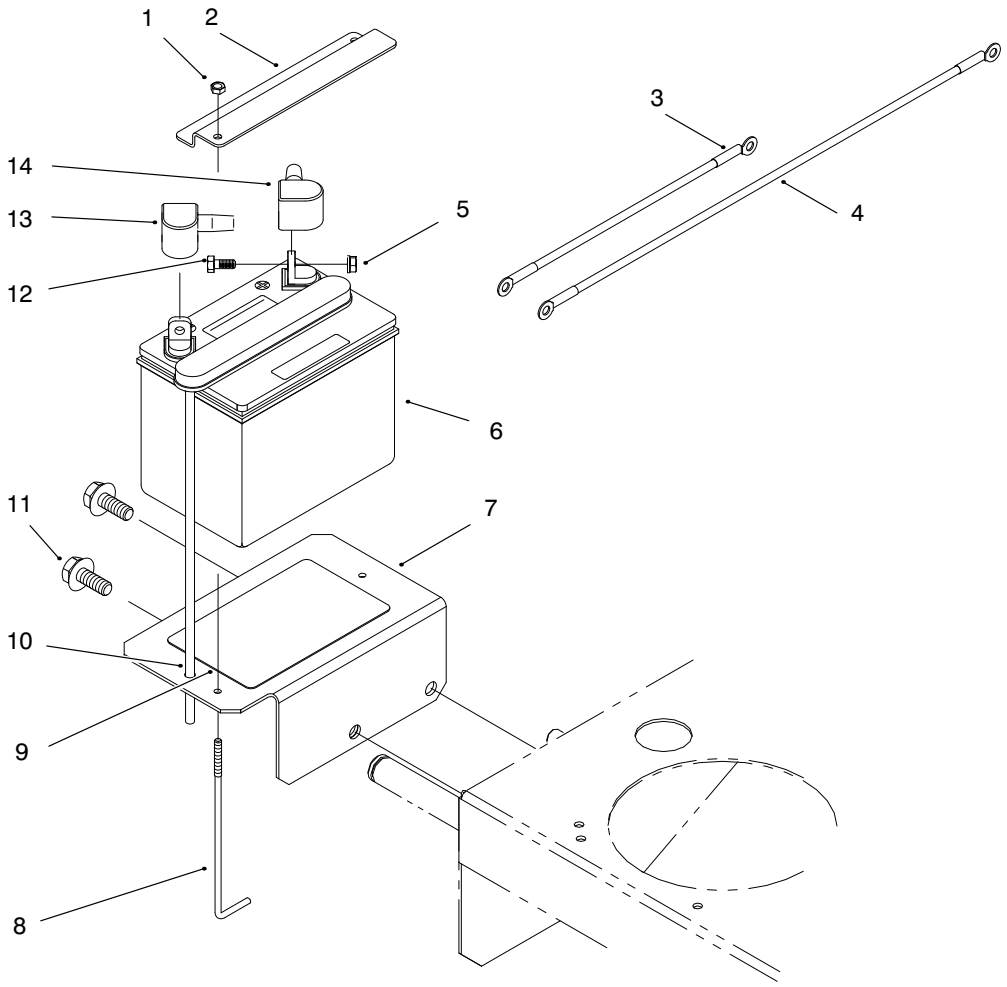


Sheet No.: 6

Engine Assembly

Ref. No.	Part No.	Qty.	Description
1		1	Engine–18hp Kohler
2	32152–1	3	Nut–Lock
3	93–1176	2	Spacer–Engine
4	3256–23	3	Washer–Flat
5	322–9	2	Screw–HH
6	51–4540–03	1	Retainer–Clutch
7	322–11	2	Screw–HH
8	3212–24	1	Screw–Lock
9	112843	1	Washer–PTO
11	5–0930	1	Key–Sq
12	74–0050	1	Sheave–Lower
13	74–0060	1	Sheave–Upper
14	93–1177	1	Spacer–Pulley
15	289–42	1	Nipple–Pipe
16	288–4	1	Cap–Pipe
17	2811–10	1	Elbow
18	32144–74	2	Screw
19	3255–8	1	Washer–Lock
20	32153–3	1	Nut
21	32149–1	1	Nut
22	54–0890	1	Decal–Rotating

Ref. No.	Part No.	Qty.	Description

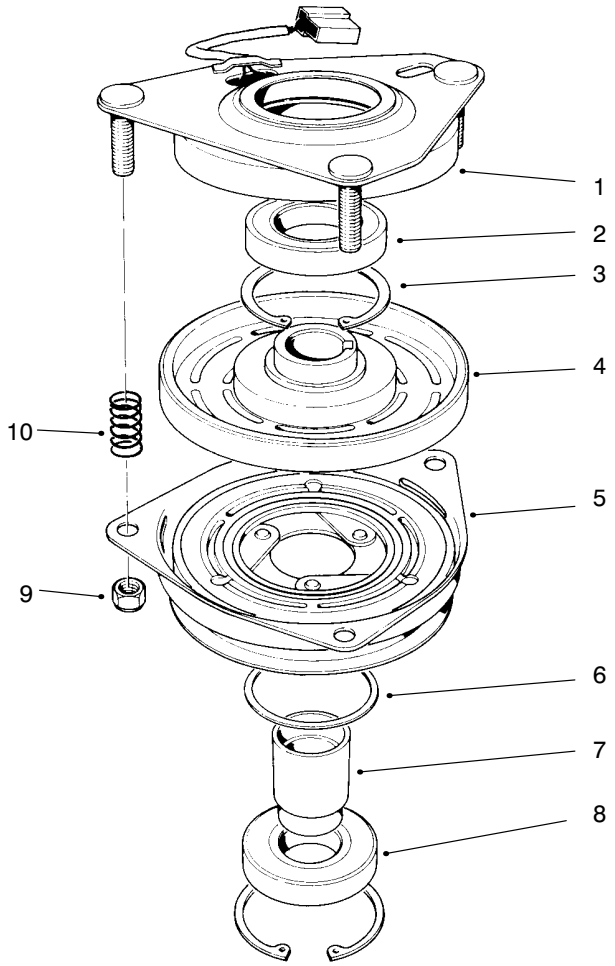


Sheet No.: 7

Battery Assembly

Ref. No.	Part No.	Qty.	Description
1	3296–42	2	Nut–Lock
2	82–4620–01	1	Strap–Battery
3	54–3092	1	Wire ASM
4	54–3090	1	Wire–ASM
5	32149–1	2	Nut
6	82–4640	1	Battery–12 Volt
7	93–1180–01	1	Plate–Battery
8	12–5950	2	Rod–Support
9	62–4300	1	Pad–Anti Skid
10	68–3810	1	Tube–Vent
11	3234–32	2	Screw–HH
12	322–3	2	Screw–HH
13	77–0980	1	Boot–Terminal
14	77–0981	1	Boot–Terminal

Ref. No.	Part No.	Qty.	Description

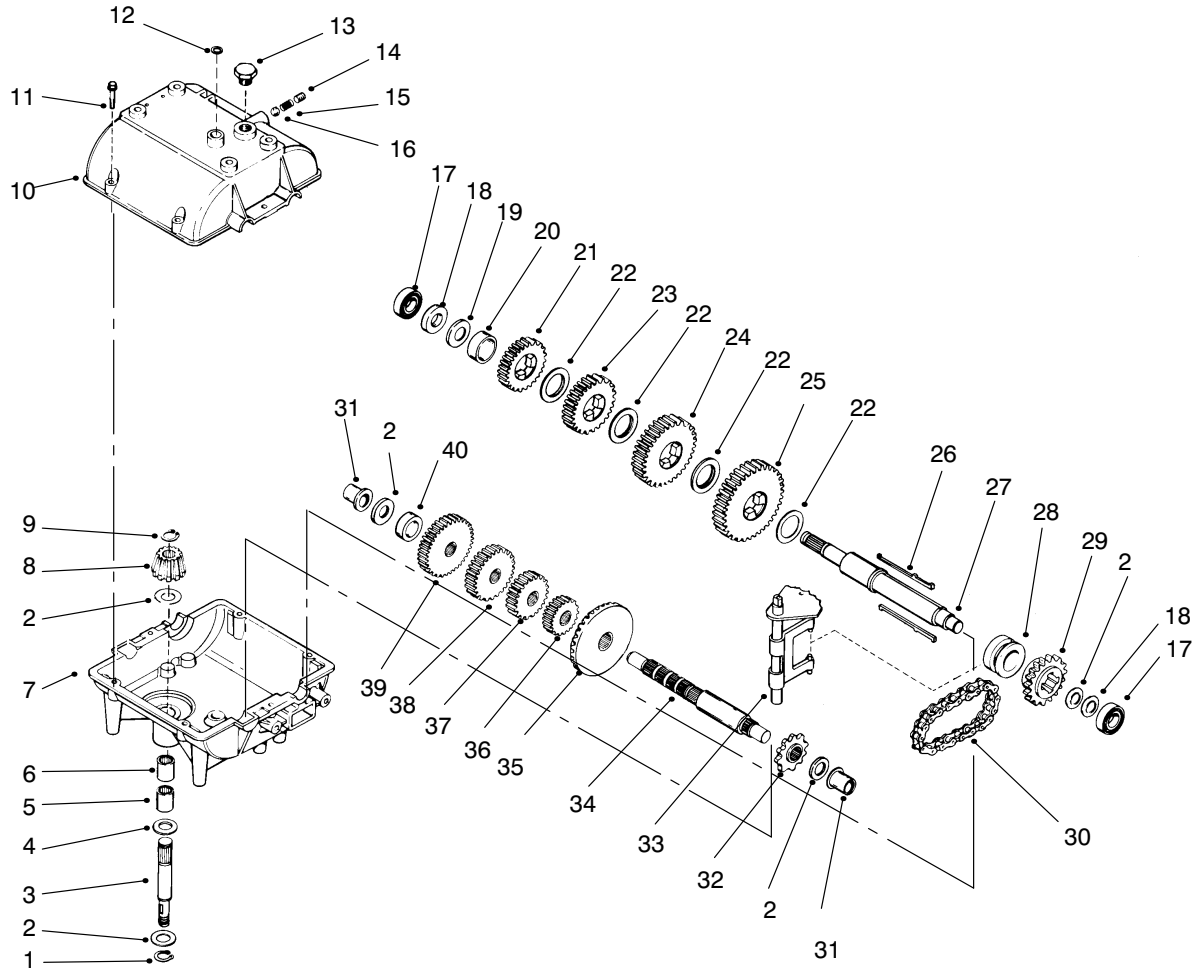


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Clutch Asm No. 54–3200

Ref. No.	Part No.	Qty.	Description
1	54–0230	1	Field ASM Inc2/3
2	251–292	1	Bearing
3	44–8310	2	Ring–Retaining
4	44–8360	1	Field Coil & Bearing
5	55–7410	1	Armature & Pulley ASM
6	44–8330	1	Spacer–Pulley Bearing
7	44–8340	1	Collar–Bearing
8	251–291	1	Bearing–Pulley
9	3296–5	3	Nut–Lock
10	44–8320	3	Spring

Ref. No.	Part No.	Qty.	Description

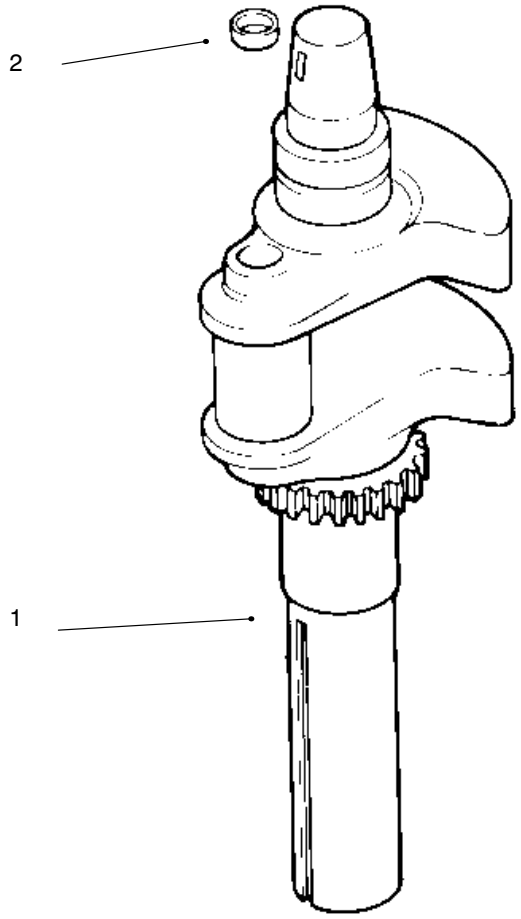


PEERLESS TRANSMISSION MODEL 700–082

Ref. No.	Part No.	Description	No. Used
1	792035	Ring – Retaining	1
2	780072	Washer – Thrust	5
3	776135	Shaft – Input	1
4	792001	”O”Ring	2
5	780142	Bearing – Needle	1
6	780086A	Bearing – Needle	1
7	770090A	Case – Transmission	1
8	778153	Bevel Pinion – Input	1
9	788040	Ring – Retaining	1
10	772099A	Cover – Transmission	1
11	792073A	Screw – Self Tapping	6
12	788069	Seal – Square Cut	1
13	792074	Plug – Threaded	1
14	792078	Screw – Set	1
15	792079	Spring	1
16	792077A	Ball – Steel	1
17	780092	Bearing – Ball	2
18	780065	Washer – Thrust	2
19	780139	Washer – Thrust	1
20	786072	Spacer	1
21	778123A	Gear – Spur (25 Teeth)	1
22	780108	Washer – Thrust	4

Ref. No.	Part No.	Description	No. Used
23	778250	Gear – Spur (27 Teeth)	1
24	778124A	Gear – Spur (30 Teeth)	1
25	778125	Gear – Spur (35 Teeth)	1
26	792089A	Key	4
27	776421	Shaft – Shifter & Brake	1
28	784266	Collar – Shift	1
29	786083	Sprocket (18 Teeth)	1
30	786081	Chain – Roller (No. 41 Chain 24 Links)	1
31	780105A	Bushing – Flanged	2
32	786082	Sprocket (9 Teeth)	1
33	784267	Rod & Fork Asm – Shift	1
34	776134	Shaft – Counter	1
35	778154	Gear – Bevel (42Teeth)	1
36	778136	Gear – Spur (15 Teeth)	1
37	778126A	Gear – Spur (20 Teeth)	1
38	778249	Gear – Spur (23 Teeth)	1
39	778127A	Gear – Spur (25 Teeth)	1
40	786071	Spacer	1
*	788067B	Grease 32oz Bottle	1
*	510334	Grease Eliminator	1

Order Part’s from Peerless



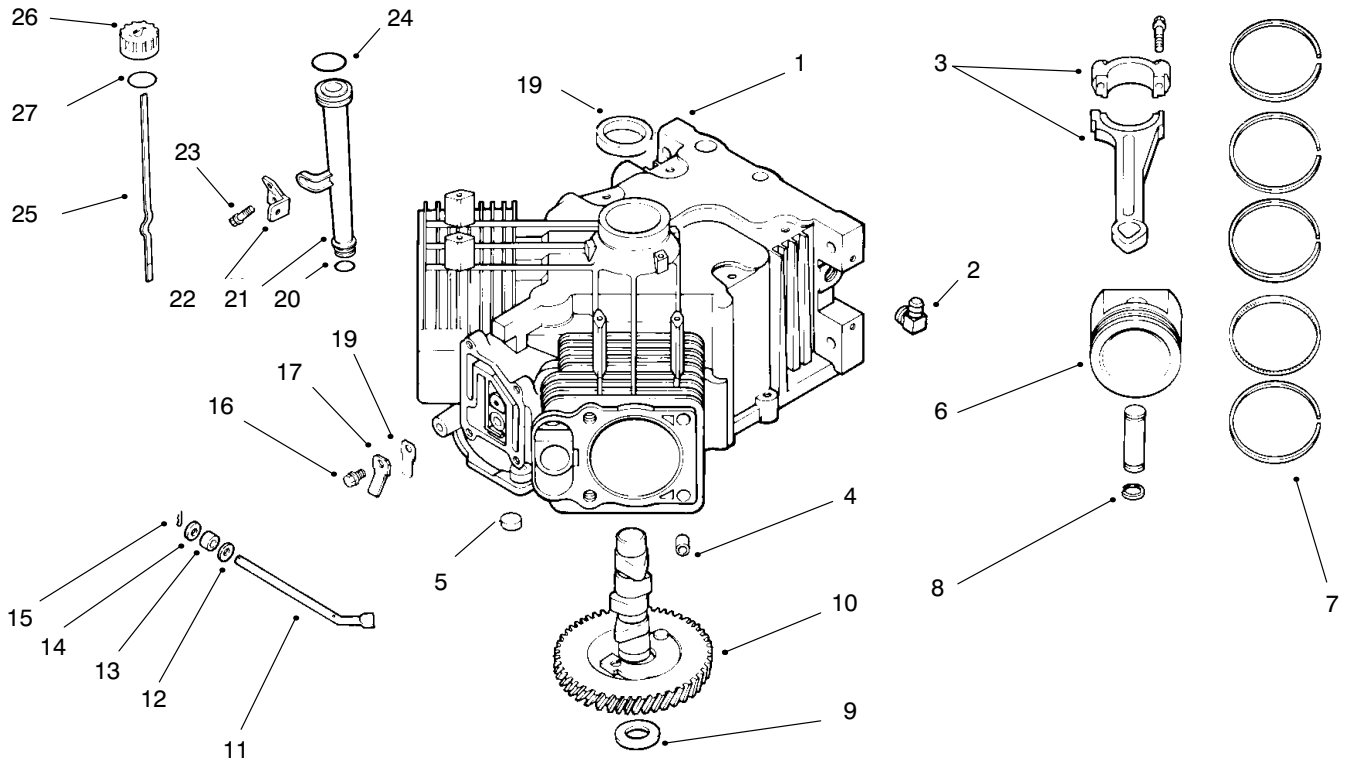
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Crankshaft

Ref. No.	Part No.	Qty.	Description
1	24 014 80	1	Crankshaft
2	52 139 09	1	Plug–Cup

Ref. No.	Part No.	Qty.	Description

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Order parts from Kohler



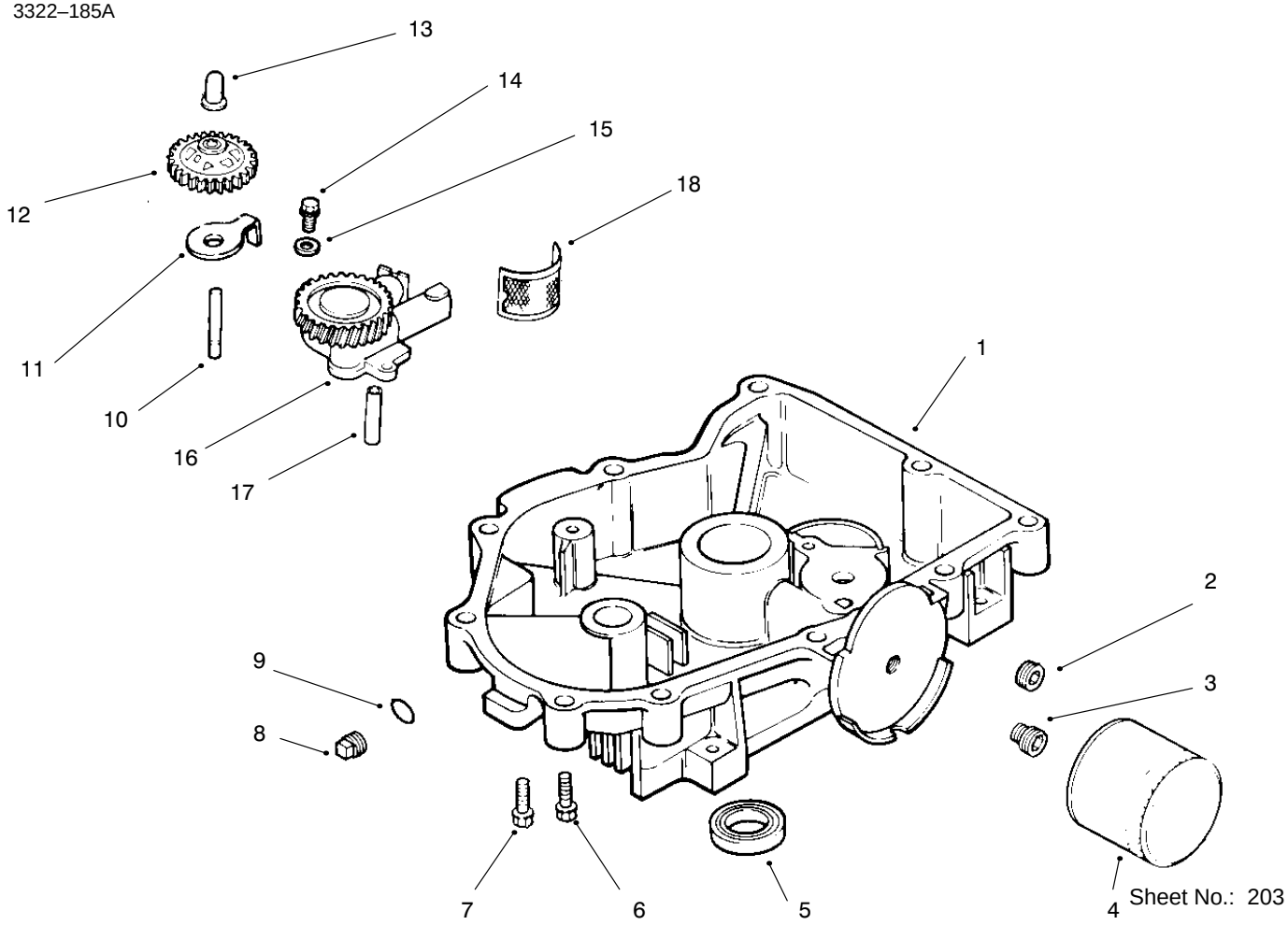
Sheet No.: 202

Crankcase

Ref. No.	Part No.	Qty.	Description
1	24 782 05	1	Shortblock
2	24 294 03	1	Fitting
3	24 067 01	2	Connecting Rod STD
3	24 067 02	2	Connecting Rod .25
4	12 380 03	6	Dowel–Locating
5	52 139 09	1	Plug–Cup
6	24 874 01	2	Piston ASM STD INC 4/7/8
6	24 874 02	2	Piston ASM .25 INC 4/7/8
6	24 874 03	2	Piston ASM .50 INC 4/7/8
7	24 108 01	2	Ring Set STD INC 4/8
7	24 108 02	2	Ring Set .25 INC 4/8
7	24 108 03	2	Ring Set .50 INC 4/8
8	24 018 01	4	Retainer–Piston Pin
9	12 422 07	A/R	Shim–Camshaft A/R
9	12 422 08	A/R	Shim–Camshaft A/R
9	12 422 09	A/R	Shim–Camshaft A/R
9	12 422 10	A/R	Shim–Camshaft A/R
9	12 422 11	A/R	Shim–Camshaft A/R
9	12 422 12	A/R	Shim–Camshaft A/R
9	12 422 13	A/R	Shim–Camshaft A/R
10	24 012 05	1	Camshaft
11	24 144 01	1	Shaft–Governor Cross
12	X–25–63	1	Washer–Flat

Ref. No.	Part No.	Qty.	Description
13	12 032 01	1	Seal–Governor Shaft
14	X–25–102	1	Washer–Flat
15	12 380 04	1	Pin–Governor Hitch
16	M–0545010	2	Screw M5x0.8x10
17	24 018 04	2	Retainer–Reed
18	24 402 01	2	Beed–Breather
19	24 032 01	1	Seal–Oil
20	12 153 01	1	O Ring–Lower Fill Tube
21	12 123 04	1	Tube–Oil Fill
22	24 126 19	1	Bracket–Oil Fill Tube
23	M–0549016	1	Screw M5x0.8x16
24	12 153 02	1	O Ring–Upper Fill Tube
25	24 038 04	1	Dipstick INC 26–27
26	25 755 13	1	Kit–Oil Cap INC 3
27	12 153 03	1	O Ring–Fill Cap

Kohler Engine CV18S–PS 61521
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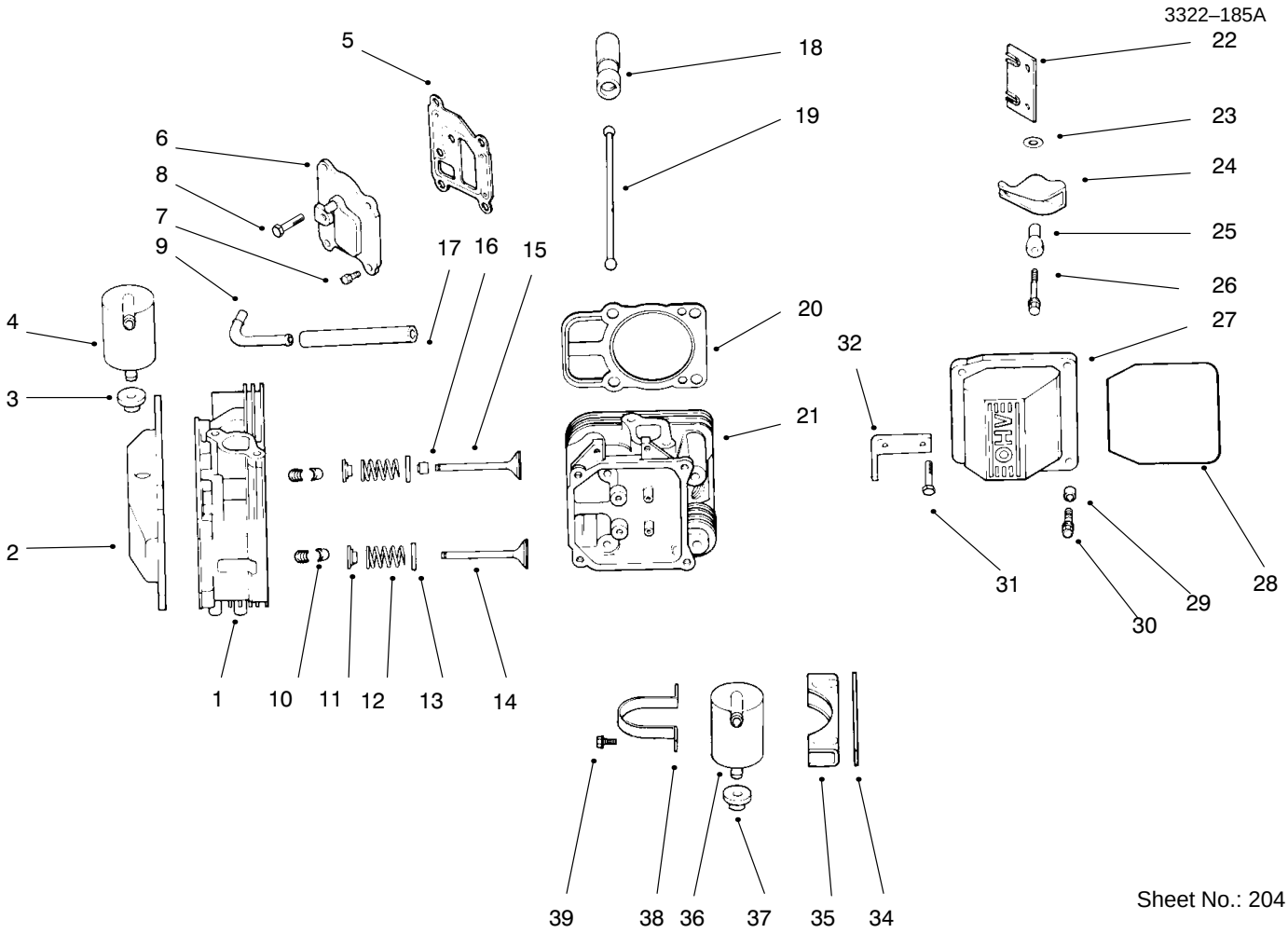
Sheet No.: 203

Oil Pan / Lubrication

Ref. No.	Part No.	Qty.	Description
1	24 199 04	1	Pan–Oil
2	X–75–32	1	Plug–HS 3/8 NPTF
3	24 136 01	1	Nipple–Oil Filter
4	12 050 01	1	Filter–Oil
5	52 032 08	1	Seal–Oil
6	24 086 17	1	Screw M8x1.25x45
7	24 086 16	9	Screw M8x1.25x45
8	X–75–10	1	Plug–SH 3/8 NPTF
9	24 153 08	1	O Ring
10	12 144 02	1	Shaft–Governor Gear
11	52 448 02	1	Tab–Locking
12	24 043 12	1	Governor Gear ASM
13	12 380 01	1	Pin–Governor Regulating
14	M–0645025	2	Screw–Valve Cover
15	Sm–0631005	2	Washer–Governor
16	24 393 08	1	Oil Pump ASM INC 16
17	24 123 05	1	Tube–Oil Pickup
18	25 162 07	1	Screen–Oil

Ref. No.	Part No.	Qty.	Description

Kohler Engine CV18S–PS 61521
Order parts from Kohler



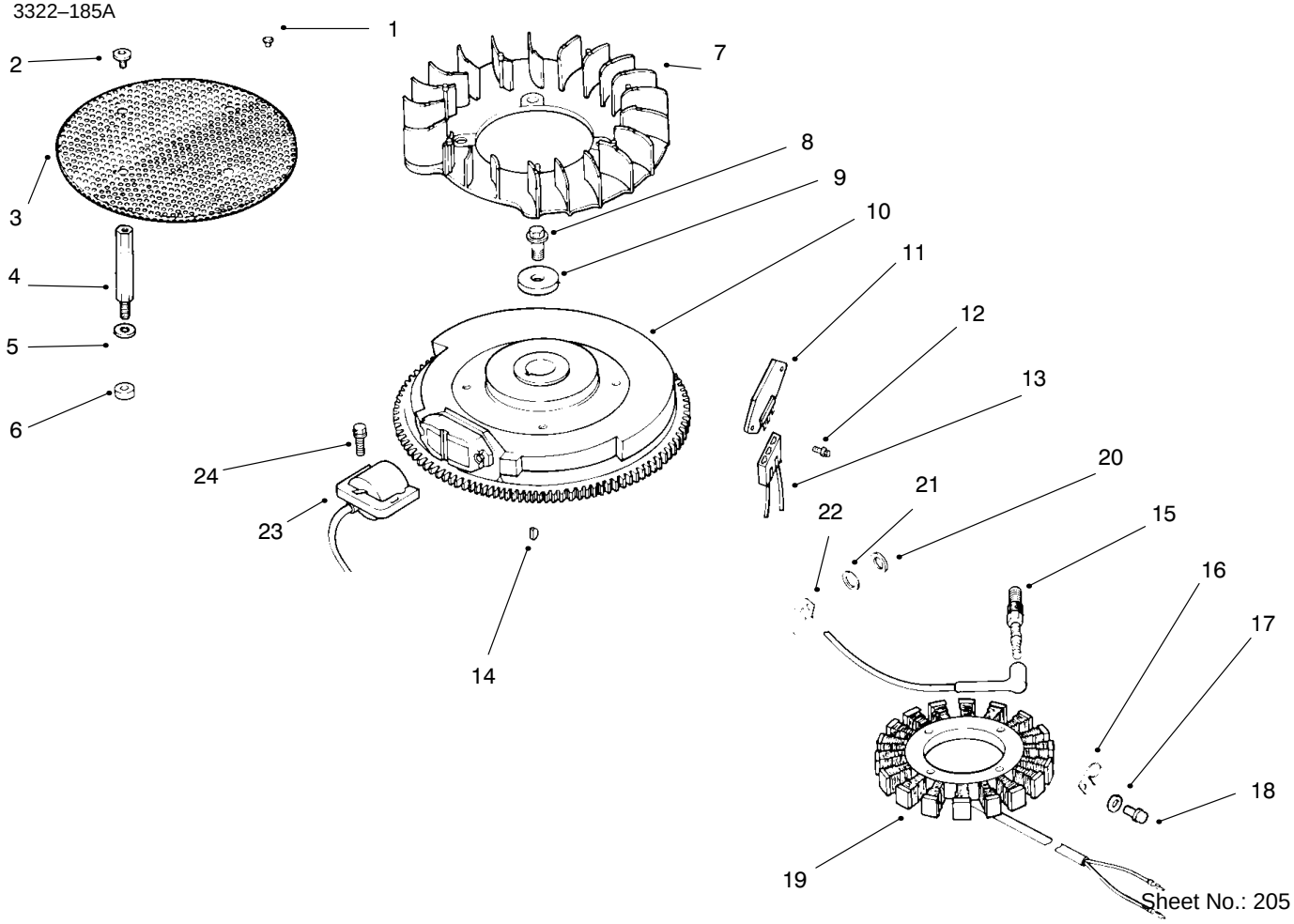
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Head / Valve / Breather

Ref. No.	Part No.	Qty.	Description
1	24 318 11	1	Head ASM–#1 Cylinder
2	24 755 76	1	Kit–Valve Incl 6 20–22
3	25 313 02	1	Grommet–Rubber
4	24 755 20	1	Kit–Breather INC 4
5	24 041 23	1	Gasket–Breather
6	24 096 15	1	Cover–Breather
7	Sm–0645020	4	Screw M6x1.0x20
8	X–75–23	1	Plug
9	24 294 01	1	Fitting
10	12 755 03	4	Kit–Retainer
11	12 173 01	4	Cap–Valve Spring
12	24 089 02	4	Spring–Valve
13	235011	4	Retainer–Spring
14	24 016 01	2	Valve–Exhaust
14	24 016 02	2	Valve–Exhaust (.25)
15	24 017 01	2	Valve–Intake
15	24 017 02	2	Valve–Intake (.25)
16	24 032 05	2	Seal–Valve Stem
17	24 326 03	1	Hose
18	12 351 01	4	Lifter–Valve
19	24 411 04	4	Rod–Push
20	24 041 08	2	Gasket–Cylinder Head
21	24 318 12	1	Head ASM–#2 Cylinder
22	24 146 09	2	Plate–Guide

Ref. No.	Part No.	Qty.	Description
23	Sm–0631005	4	Washer–Governor
24	24 186 02	4	Arm–Rocker
25	24 194 02	4	Pivot–Rocker Arm
26	M–0640034	4	Screw M6x1.0x34
27	24 755 74	1	Kit Valve Incl 20–22
28	24 153 11	1	O–Riing
29	24 112 08	4	Spacer
30	M–0651030	4	Screw M6x1.0x30
31	12 086 16	8	Screw M10x1.5x91
32	24 445 01	1	Strap–Lifting
33	24 755 57	1	Kit–Breather Incl 3–9
34	24 112 12	1	Spacer
35	24 126 44	1	Bracket–Breather Sep
36	24 595 02	1	Separator–Oil Breather
37	24 313 02	1	Grommet
38	24 445 02	1	Strap–Breather
39	M–0549016	2	Screw M5x0.8x16

Kohler Engine CV18S–PS 61521
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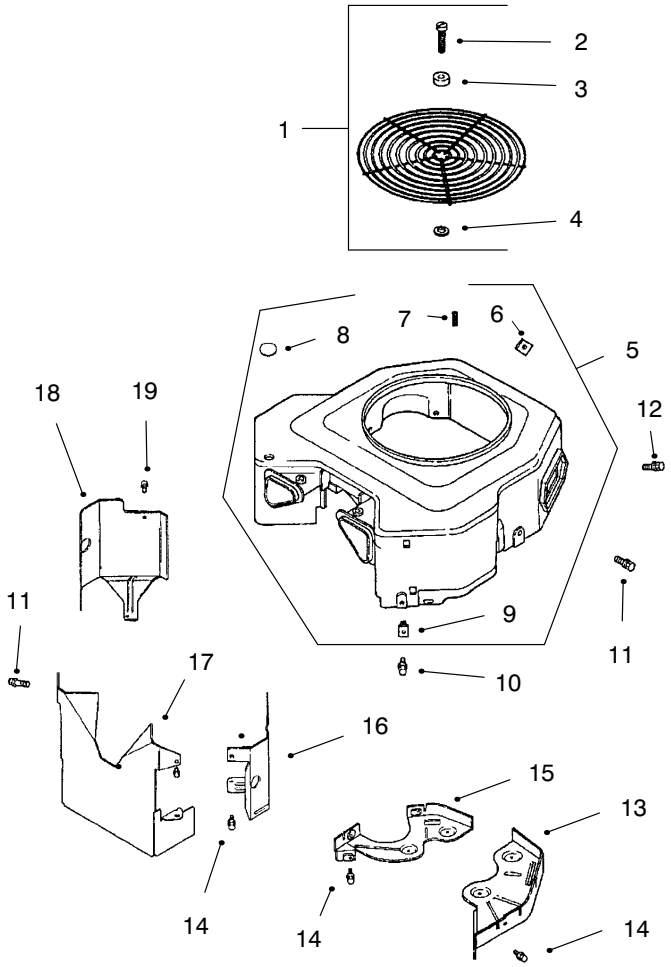


Ignition / Electrical

Ref. No.	Part No.	Qty.	Description
1	25 086 43	1	Screw–Set
2	M–0657010	4	Screw–M6x1.0x10
3	24 162 13	1	Screen–Grass
4	24 072 01	4	Stud
5	X–25–53	8	Washer
6	12 112 01	4	Spacer–Fan
7	24 157 01	1	Fan
8	12 086 14	1	Screw–Flywheel Mounting
9	12 468 03	1	Washer–Flywheel Screw
10	24 025 04	1	Flywheel ASM
11	25 403 03	1	Rectifier–Regulator
12	24 086 18	2	Screw–Phillips
13	236602	1	Connector–Regulator
14	X–42–15	1	Key
15	12 132 02	2	Spark Plug
16	48 154 02	1	Clip–Stator Harness
17	X–25–63	1	Washer–Flat
18	M–0548025	2	Screw M5x0.8x25
19	24 085 01	1	Stator–15 Amp
20	X–25–92	2	Washer–Flat
21	X–25–63	1	Washer–Flat
22	235173	1	Clip–Cable
23	24 584 01	2	Module–Ignition
24	Sm–0545020	4	Screw M5x0.8x20

Ref. No.	Part No.	Qty.	Description
	24 176 40	1	Harness–Wire
	24 518 04	1	Lead–Green

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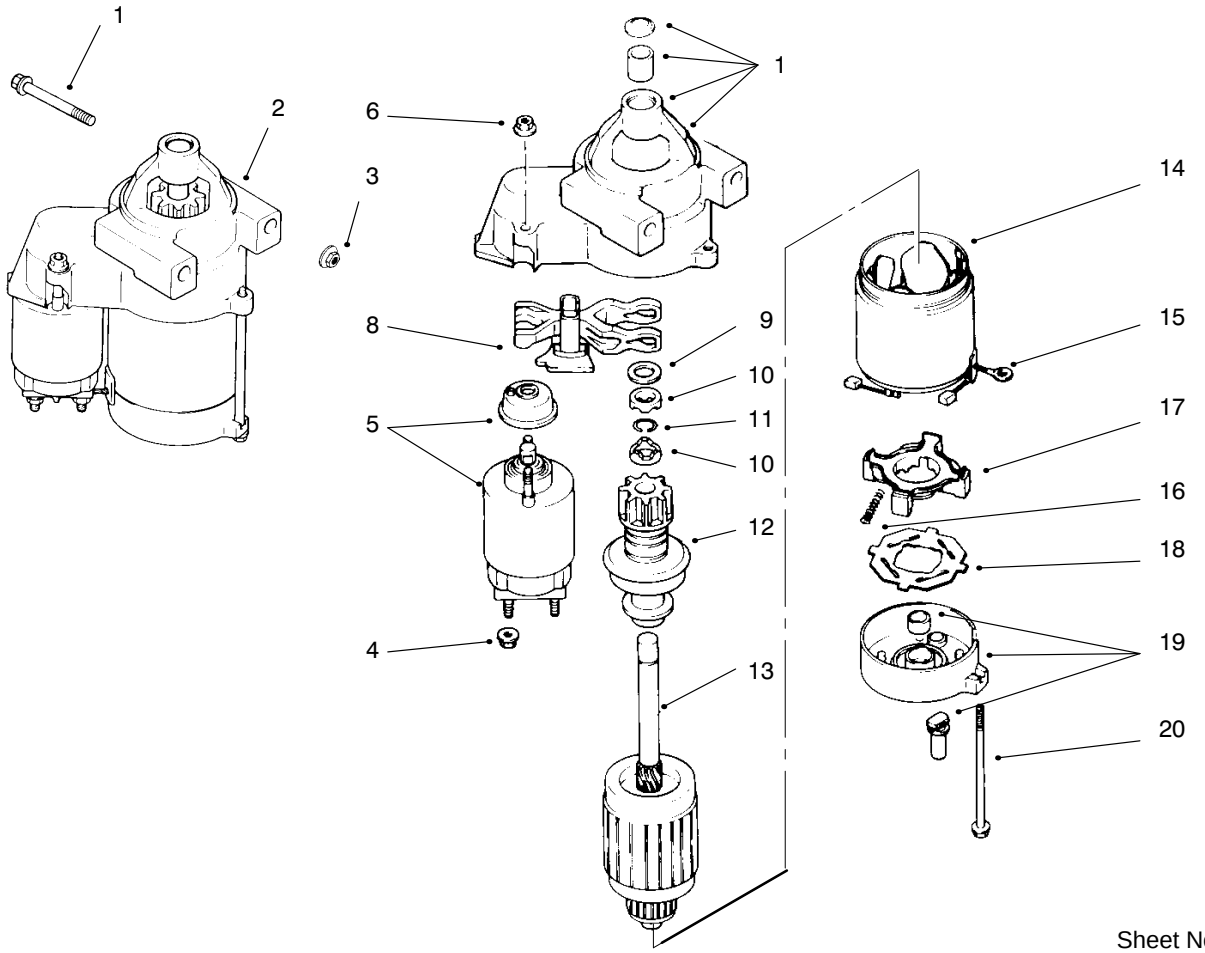
Sheet No.: 211

Blower Housing & Baffles

Ref. No.	Part No.	Qty.	Description
1	24 755 94	1	Kit–Guard (Incl. Ref. #2–4)
2	24 086 39	3	Screw M5x0.8x15
3	24 112 09	3	Spacer
4	24 468 10	3	Washer–Plain 1/4”
5	24 027 28	1	Housing–Blower (Incl. Ref. #6–9)
6	24 100 01	3	Nut–Plastic
7	24 086 43	1	Screw–Set
8	25 139 16	1	Plug–Button
9	24 100 02	2	Nut–Plastic
10	M–0545020	2	Screw M5x0.8x20
11	M–0545016	5	Screw M5x0.8x16
12	M–0551016	1	Screw M5x0.8x16
13	24 146 02	1	Plate–Backing #2 Side
14	M–0645016	6	Screw M6x1.0x16
15	24 146 08	1	Plate–Backing #1
16	24 063 20	1	Baffle–Cylinder #2
17	24 063 29	1	Baffle–Valley
18	24 063 30	1	Baffle–Cylinder #1 Side
19	M–0545010	2	Screw M5x0.8x10
*	24 113 11	1	Decal–Horse Power

Ref. No.	Part No.	Qty.	Description

Kohler Engine CV18S–PS 61521
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* Not Illustrated



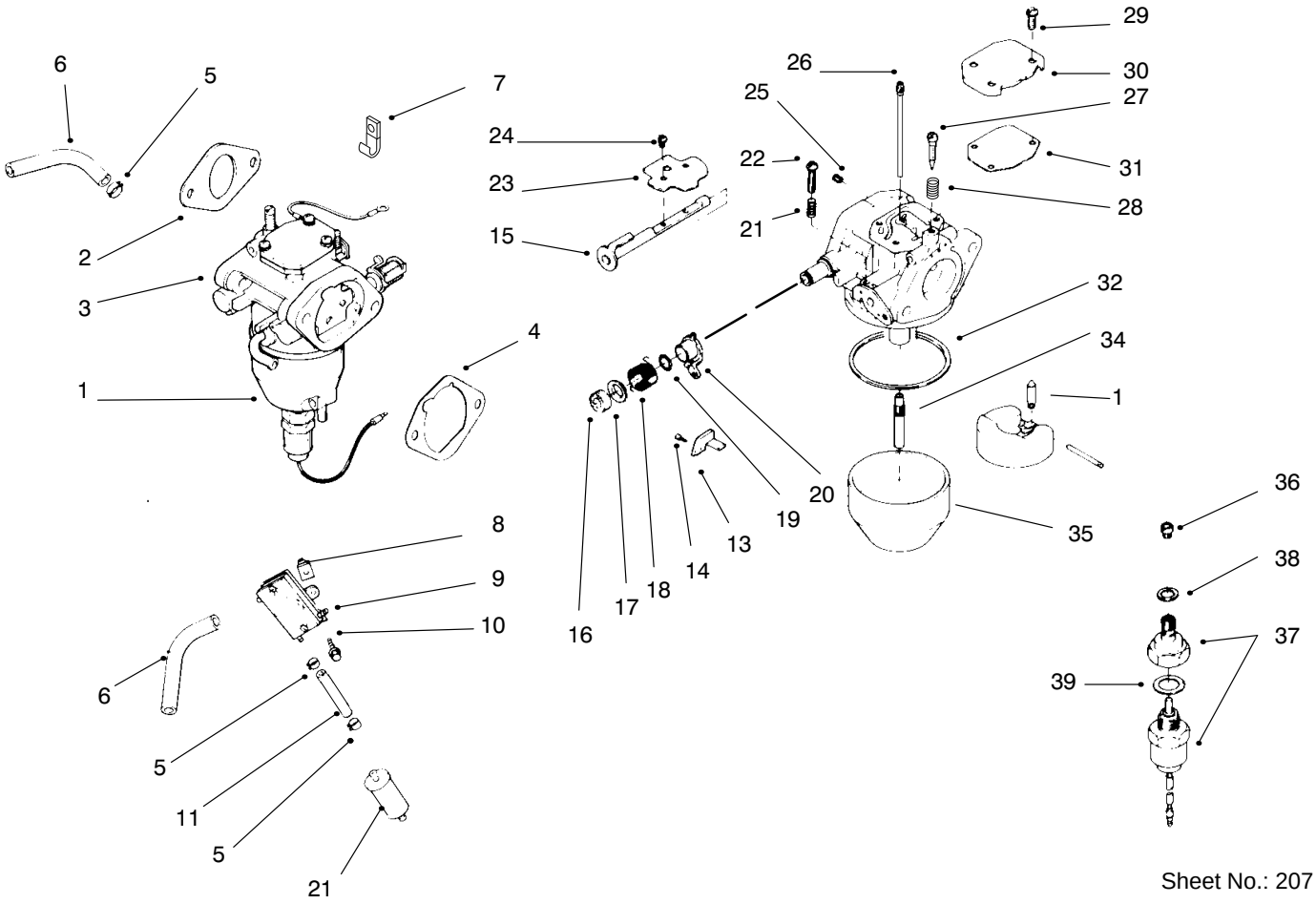
Sheet No.: 206

Starter System

Ref. No.	Part No.	Qty.	Description
1	M–0839080	2	Screw M8x1.25x80
2	12 098 03	1	Starter INC 4–20
3	M–0841080	1	Nut M8x1.25
4	52 100 10	2	Nut Starter
5	12 081 02	1	Cap–Drive End
6	52 100 09	1	Nut–Starter
7	52 435 02	1	Solenoid
8	12 090 10	1	Lever Starter Drive
9	52 468 14	1	Washer–Thrust
10	52 100 08	2	Nut–Stop Collar
11	52 141 03	1	Ring–Retainer
12	12 239 01	1	Drive–Pinion
13	12 170 03	1	Armature–Starter
14	12 471 01	1	Frame
15	52 221 01	1	Kit–Brush INC 16
16	52 089 09	4	Spring–Brush
17	52 323 03	1	Holder–Brush
18	52 168 01	1	Insulator
19	12 301 01	1	Cap–Commutator End
20	52 211 05	2	Bolt

Ref. No.	Part No.	Qty.	Description

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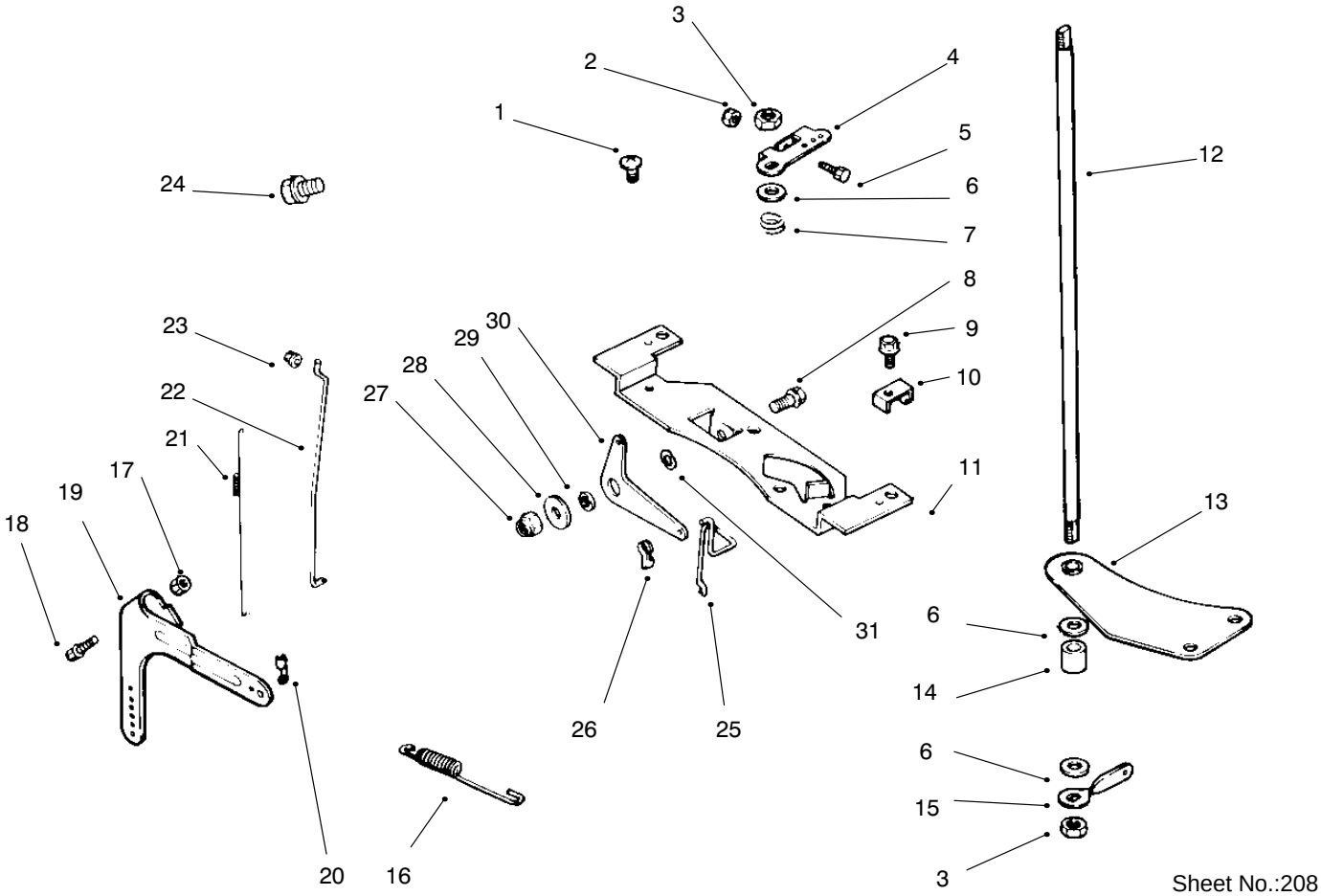
Sheet No.: 207

Carburetor / Fuel Pump

Ref. No.	Part No.	Qty.	Description
1	24 853 22	1	Kit–Carburetor Incl.2–4
2	24 041 15	1	Gasket–Carburetor
3	24 053 17	1	Carburetor (Ref)
4	24 041 14	1	Gasket–A/C Base
5	X–426–9	6	Clamp–Hose
6	52 353 22	2	Line–Fuel 12”
7	47 154 01	1	Clip–Cable
8	24 100 01	2	Nut–Plastic
9	24 393 04	1	Pump–Fuel
10	24 086 12	2	Screw–Cable Clip
11	24 353 03	1	Line–Fuel 10 1/2”
12	25 050 03	1	Filter–Fuel
13	24 126 29	1	Bracket–Throttle Stop
14	M–0259006	1	Screw M2.5x45x5.5
15	24 144 15	1	Shaft–Choke
16	24 468 05	1	Washer
17	24 241 01	1	Collar–Choke
18	24 089 22	1	Spring–Choke Return
19	24 141 04	1	Ring–Choke Lever
20	24 090 10	1	Lever–Choke
21	24 089 24	1	Spring–Throttle Screw
22	24 086 19	1	Screw–Throttle Adjust
23	24 462 02	1	Valve–Choke
24	24 086 20	4	Screw–Throttle Shaft
25	24 337 27	1	Jet–Air Bleed

Ref. No.	Part No.	Qty.	Description
26	24 337 11	1	Jet–Slow
27	24 086 22	1	Screw–Idle Adjust
28	24 089 23	1	Spring–Idle Adjust Screw
29	24 086 21	3	Screw
30	24 096 13	1	Cover–Passage
31	24 041 18	1	Gasket–Passage Cover
32	24 041 19	1	Gasket–Float Chamber
33	24 757 05	1	Kit–Float Repair
34	23 396 01	1	Nozzle–Main
35	24 234 01	1	Chamber–Float
36	24 337 20	1	Jet–Main
37	24 755 15	1	Kit–Solenoid INC 41–42
38	24 041 21	1	Gasket–Chamber Screw
39	24 041 20	1	Gasket–Solenoid
	24 041 15	1	Gasket–Carburetor
	24 755 25	1	Kit–Hi Alt 1500–3000 M
	24 755 26	1	Kit–Hi Alt Over 3000 M
	24 757 06	1	Kit–Carburetor Repair
	X–25–52	1	Washer

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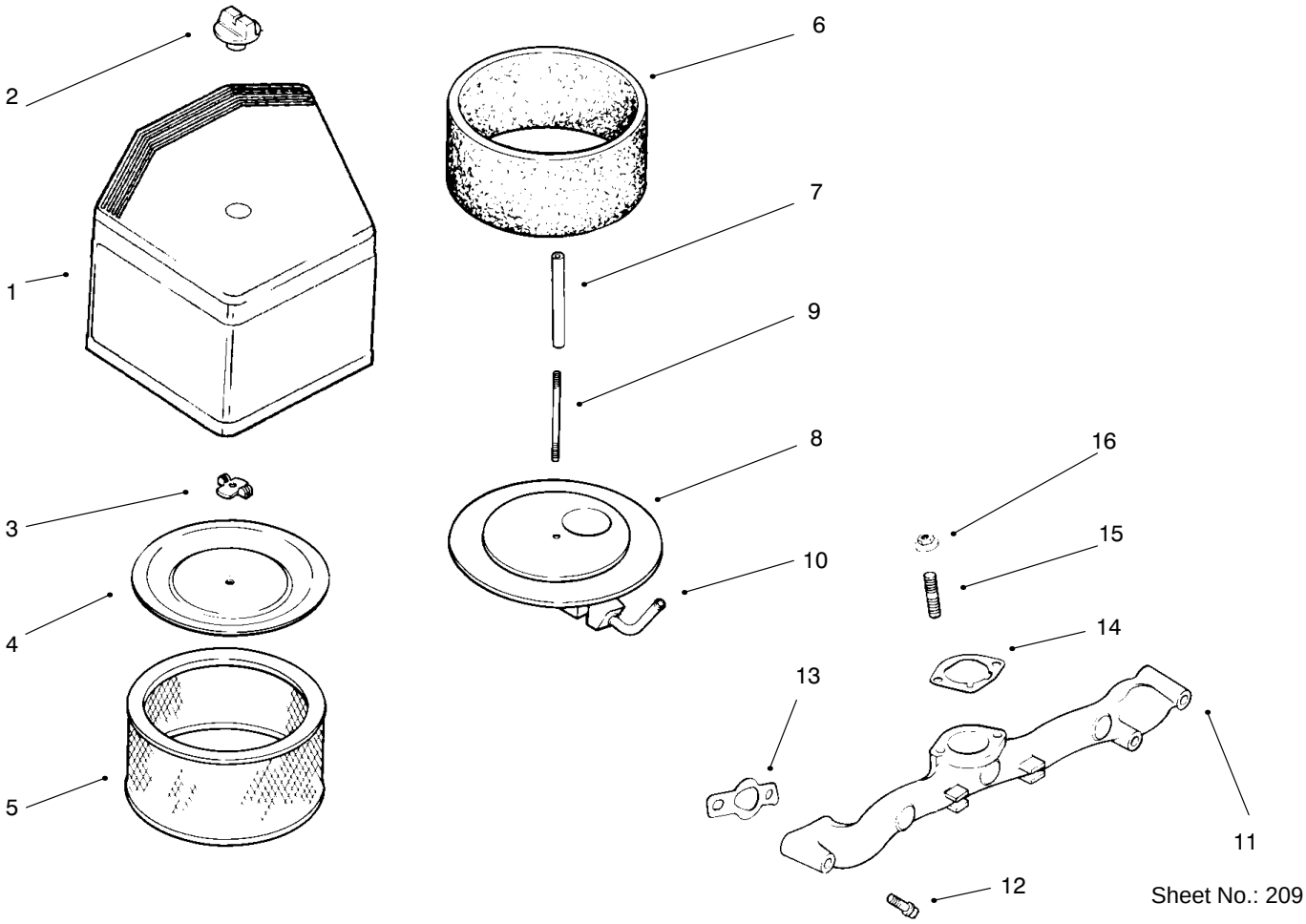
Sheet No.:208

Engine Controls

Ref. No.	Part No.	Qty.	Description
1	24 086 06	2	Screw–Phillips
2	M–0446030	1	Nut–Hex M4x0.7
3	M–0647060	2	Nut
4	24 090 09	1	Lever–Throttle Control
5	M–0401030	1	Screw–HHF M4x0.7x28
6	X–25–72	3	Washer
7	24 089 20	1	Spring–Throttle Shaft
8	M–0639016	1	Screw M6x1.0x16
9	Sm–0545016	2	Screw M5x0.8x16
10	12 237 01	2	Clamp–Cable
11	24 126 47	1	Bracket–Control
12	24 144 11	1	Shaft–Throttle
13	24 126 17	1	Bracket–Throttle Shaft
14	52 122 13	1	Spacer
15	24 090 12	1	Lever–Throttle Control
16	24 089 18	1	Spring–Governor
17	Sm–0641060	1	Nut M6x1.0
18	Sm–0642025	1	Screw M6x1.0x25
19	24 090 14	1	Lever–Governor
20	25 158 11	1	Bushing–Linkage
21	24 089 01	1	Spring–Linkage
22	24 079 04	1	Linkage–Throttle
23	25 158 08	1	Bushing–Linkage
24	Sm–0645016	2	Screw M6x1.0x16
25	24 079 08	1	Linkage–Choke

Ref. No.	Part No.	Qty.	Description
26	25 158 11	1	Bushing–Linkage
27	M–0647060	1	Nut
28	X–25–52	1	Washer
29	25 431 01	1	Spacer
30	24 090 20	1	Lever–Choke
31	277341	1	Washer

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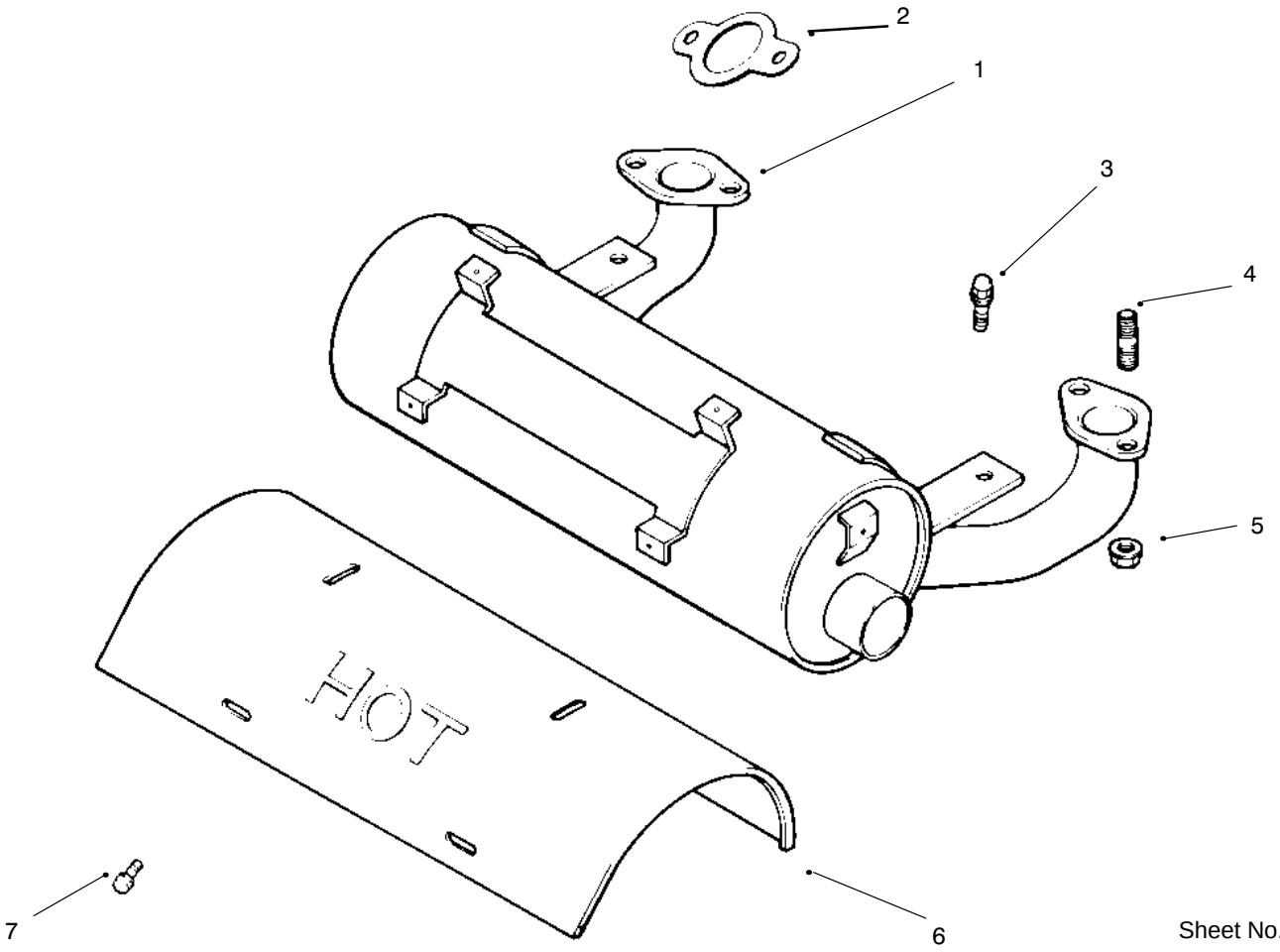
Sheet No.: 209

Air Cleaner, Filtration / Intake Manifold

Ref. No.	Part No.	Qty.	Description
1	24 743 10	1	Kit–Air Cleaner Incl. 2
2	25 341 02	1	Knob–Cover
3	12 100 01	1	Nut–Wing
4	52 082 04	1	Cover–Element
5	45 083 01	1	Element–Precleaner
6	45 083 02	1	Element
7	24 032 04	1	Seal
8	24 054 02	1	Elbow–Air Cleaner
9	24 072 04	1	Stud
10	24 294 01	1	Fitting
11	24 164 06	1	Manifold–Intake
12	M–0639055	4	Screw M6x1.0x18
13	24 041 01	2	Gasket–Intake Manifold
14	24 041 14	1	Gasket–A/C Base
15	M–0629128	2	Stud
16	Sm–0641060	2	Nut M6x1.0
	24 113 14	1	Decal–Maintainance

Ref. No.	Part No.	Qty.	Description

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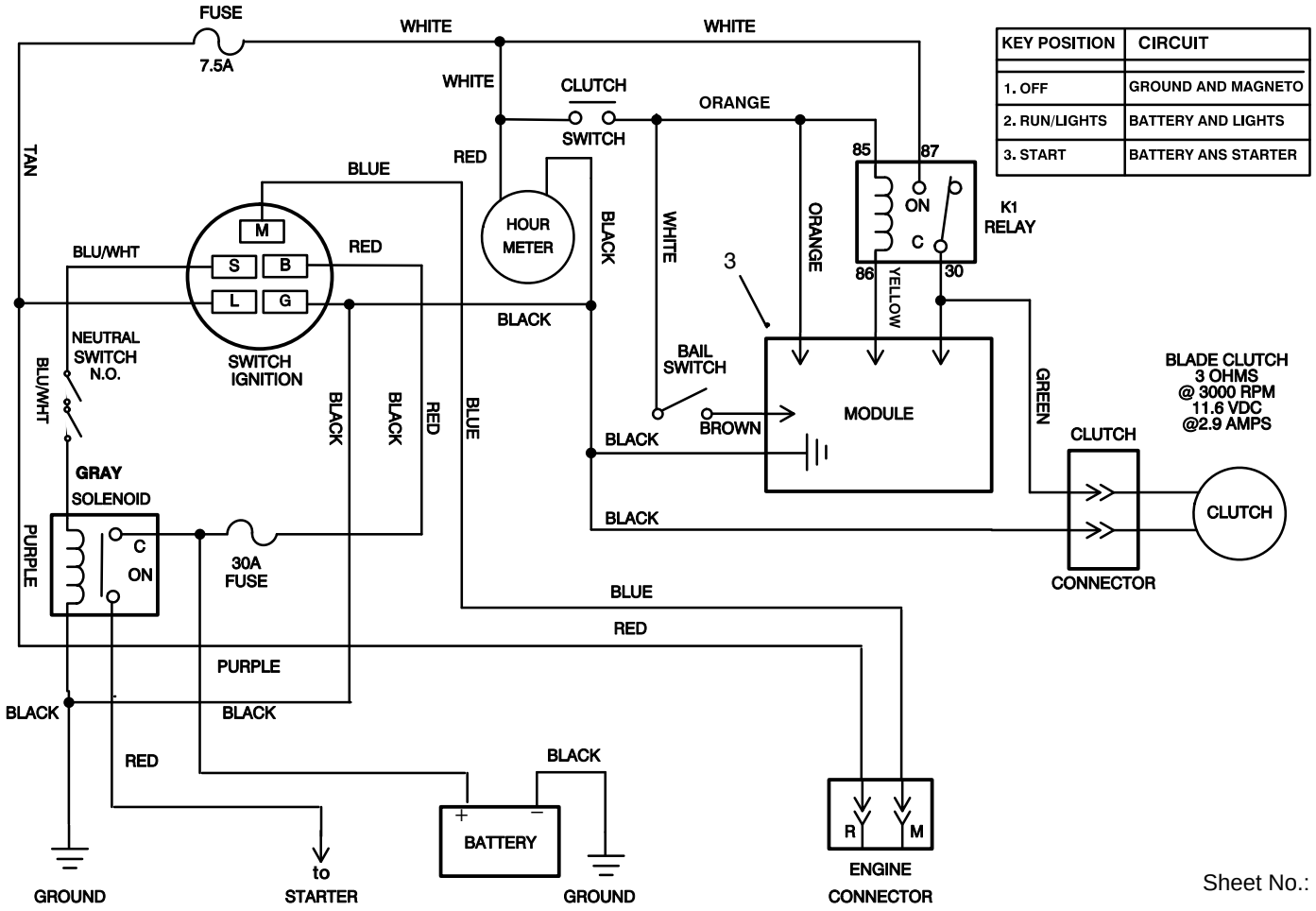
Sheet No.: 210

Exhaust

Ref. No.	Part No.	Qty.	Description
1	24 068 08	1	Muffler
2	24 041 02	2	Gasket–Exhaust
3	Sm–0645020	2	Screw M6x1.0x20
4	M–0829033	4	Stud M8x1.25x20
5	M–0841080	4	Nut M8x1.25
6	24 281 07	1	Duct–Heat Shield
7	25 086 40	4	Screw
	24 755 03	1	Gasket Set
	24 782 05	1	Shortblock

Ref. No.	Part No.	Qty.	Description

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KEY POSITION	CIRCUIT
1. OFF	GROUND AND MAGNETO
2. RUN/LIGHTS	BATTERY AND LIGHTS
3. START	BATTERY ANS STARTER

Sheet No.:

Electric Schematic

Ref. No.	Part No.	Qty.	Description
1	95–2805	1	Wire Harness (Ref.)
2	63–7590	1	Relay (Ref.)
3	94–9666	1	Interlock Module (Ref.)

Ref. No.	Part No.	Qty.	Description

Toro Part Number Index

Part No.	Page No.	Ref. No.	Qty.	Description
	6	1	1	Engine–18hp Kohler
112843	6	9	1	Washer–PTO
5–0930	6	11	1	Key–Sq
7–5461	2	29	1	Spacer–Transmission
10–8110	3	10	A/R	Washer–Thrust
12–5950	7	8	2	Rod–Support
23–0660	5	23	1	Switch–Starter
26–9671	2	17	1	”v” Belt
27–6230	2	19	1	Bolt–Wheel
47–1970	2	2	1	Grip–Engagement
47–2982	1	35	1	Hose–Fuel
51–4160	3	14	4	Pulley–Wheel
51–4170	3	13	8	Spacer–Pulley
51–4180	3	15	2	Drum–Brake
51–4190	2	16	1	Pulley–Drive
51–4220	2	12	2	Guard–Coupler
51–4230	3	19	2	Washer–Wheel
51–4270	2	5	2	Bearing–Shaft Ext
51–4290	3	12	2	Belt–Drive
51–4370	1	7	1	Spring–RH
51–4380	1	8	1	Spring–LH
51–4450	1	24	2	Screw–Leveler
51–4540–03	6	6	1	Retainer–Clutch
51–4580	3	1	2	Rod–Brake
51–4600	3	3	1	Brake–Arm RH
51–4610	3	4	1	Brake Arm–LH
51–4650	3	8	2	Link–Brake
51–4660	3	7	2	Plate–Brake Link
51–4700	3	17	2	Band–Brake
51–4850	5	39	1	Lever–Parking Brake
52–2010	5	40	1	Decal–Parking Lever
52–2890	1	11	2	Bushing–Flanged
54–0890	6	22	1	Decal–Rotating
54–2970	5	34	2	Spacer
54–3090	7	4	1	Wire–ASM
54–3092	7	3	1	Wire ASM
55–3570	1	1	1	Cap–Fuel
62–4300	7	9	1	Pad–Anti Skid
62–4540–03	2	22	1	Pulley–Idler
63–7590	5	15	1	Relay
63–8360	5	12	2	Key–Ignition
65–3090	5	20	1	Decal–Manual
66–7400	1	32	1	Plate–Control
67–6370	1	17	1	Bracket–RH
67–6380	1	18	1	Bracket–LH
67–6440	5	9	1	Handle–Upper
68–2190	2	18	1	Spring–Extension
68–3810	7	10	1	Tube–Vent
68–9690	1	25	2	Fitting Rod
71–1280	5	36	1	Decal–Warning
72–2190	2	28	1	Mount–Shift Lever
74–0040	1	6	4	Spacer–Pivot
74–0050	6	12	1	Sheave–Lower
74–0060	6	13	1	Sheave–Upper
74–0220	1	14	1	Idler Bracket LH
74–0230	1	13	1	Idler Bracket RH
74–0320	2	1	1	Lever–Shift
74–0360	1	34	1	Frame–Rear
74–0480	2	11	2	Pulley–Drive ASM
74–0521	1	15	2	Rod–Fitting
74–0720	5	29	1	Tube–Manual
77–0980	7	13	1	Boot–Terminal

*Not Illustrated

Toro Part Number Index (cont.)

Part No.	Page No.	Ref. No.	Qty.	Description
77−0981	7	14	1	Boot−Terminal
82−2180−03	5	28	1	Panel−Control
82−2190	5	41	1	Switch−Bail
82−2280	5	7	1	Decal−Reverse
82−2290	5	2	1	Decal−Control Bar
82−2300	5	11	1	Switch
82−3820	5	10	1	Boot−Switch
82−4620−01	7	2	1	Strap−Battery
82−4640	7	6	1	Battery−12 Volt
82−4800	2	21	1	Lever−Idler
82−7631	5	37	2	Rod−Control
82−7680−03	5	4	1	Bail
82−7690	5	1	1	Bar
82−7740	5	33	1	Decal−Control Panel
82−7750	1	4	1	Decal−Ground Speed
92−1746	4	4	4	Bearing
93−1156	1	29	1	Frame
93−1176	6	3	2	Spacer−Engine
93−1177	6	14	1	Spacer−Pulley
93−1180−01	7	7	1	Plate−Battery
93−1187−03	5	16	1	Panel−Bottom
93−1190	5	21	1	Control−Throttle
93−1191	5	35	1	Control−Choke
94−9663	3	9	2	Wheel & Tire ASM
94−9666	5	17	1	Module
95−1526	2	31	1	Shield−Trailing
95−1529	2	32	1	Rod−Shield
95−2800	1	22	2	Pulley−Idler
95−2801	1	23	2	Spacer−Pulley
95−2802	1	2	1	Tank−Fuel
95−2805	5	25	1	Wire Harness−18hp Kohler
95−2814	1	33	1	Decal−Fuel Shut−Off
98−0787	2	8	1	Shaft−LH
98−0788	2	7	1	Shaft−RH
98−0789	2	13	2	Coupler
98−0791	2	27	1	Transmission
99−8501	5	6	1	Control Pivot
218−461	5	13	1	Nut−HH (F/W Sw)
218−595	5	38	1	Connector−Body
231−117	4	5	2	Tire−15x6
232−27	4	6	2	Valve Stem
237−124	1	26	1	Grommet
237−141	5	43	2	Grommet
242−80	4	1	2	Rim
2412−98	1	3	2	Clamp−Hose
2412−120	5	26	2	Clamp−R
283−6	1	16	2	Pin−Clevis
283−55	5	19	2	Pin−Clevis
288−4	6	16	1	Cap−Pipe
289−42	6	15	1	Nipple−Pipe
2811−10	6	17	1	Elbow
302−5	2	14	2	Fitting−Grease
302−11	4	2	2	Fitting−Grease
321−2	5	18	1	Screw−HH
321−4	2	6	4	Screw−HH
322−2	2	24	4	Screw−HH
322−3	7	12	2	Screw−HH
322−4	1	30	4	Screw−HH
322−7	3	18	8	Screw−HH
322−9	6	5	2	Screw−HH
322−11	6	7	2	Screw−HH
323−6	1	20	6	Screw−HH

*Not Illustrated

Toro Part Number Index (cont.)

Part No.	Page No.	Ref. No.	Qty.	Description
323−8	2	20	1	Screw−HH
323−16	1	19	2	Screw−HH
329−10	2	30	1	Screw
3212−24	6	8	1	Screw−Lock
3234−11	5	31	4	Screw−HHF
3234−32	7	11	2	Screw−HH
3245−1	2	15	1	Screw−Set
3245−3	2	10	2	Screw−HSH
3253−4	1	31	4	Washer−Lock
3253−4	2	25	4	Washer−Lock
3253−4	3	16	8	Washer−Lock
3254−5	5	22	1	Washer−Lock
3255−8	6	19	1	Washer−Lock
3256−23	1	10	10	Washer−Flat
3256−23	6	4	3	Washer−Flat
3257−5	2	9	3	Key−Woodruff
3272−11	5	8	2	Pin−Cotter
3290−307	1	12	4	Pin−Hair
3290−307	3	2	2	Pin−Hair
3290−307	5	42	2	Pin−Hair
3290−378	5	24	2	Tie−Cable
3296−2	5	3	5	Nut−Lock
3296−6	2	26	1	Nut−Lock
3296−23	1	21	2	Nut−Lock
3296−29	4	3	8	Nut−Lock
3296−39	1	5	8	Nut−Lock
3296−39	2	23	1	Nut−Lock
3296−42	2	3	4	Nut−Lock
3296−42	5	14	1	Nut−Lock
3296−42	7	1	2	Nut−Lock
32103−25	1	9	2	Nut−Wing
32104−76	5	27	4	Screw−Self TAP
32105−1	5	5	1	Screw−HH
32105−14	5	32	4	Screw−HH
32120−64	2	4	1	Ring−Retaining
32128−21	5	30	4	Nut−HF
32144−74	6	18	2	Screw
32149−1	6	21	1	Nut
32149−1	7	5	2	Nut
32151−40	3	5	2	Ring−Retaining
32151−56	3	6	2	Ring−Retaining
32151−62	2	33	2	Ring−Retaining
32151−72	3	20	4	Ring−Retaining
32151−91	3	11	2	Ring−Retaining
32152−1	6	2	3	Nut−Lock
32153−3	6	20	1	Nut

*Not Illustrated