



315–8 Garden Tractor

Wheel Horse® Classic Garden Tractor

Model No. 73450 – 230000001 & Up

Parts Catalog

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 illustrations and in part 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.

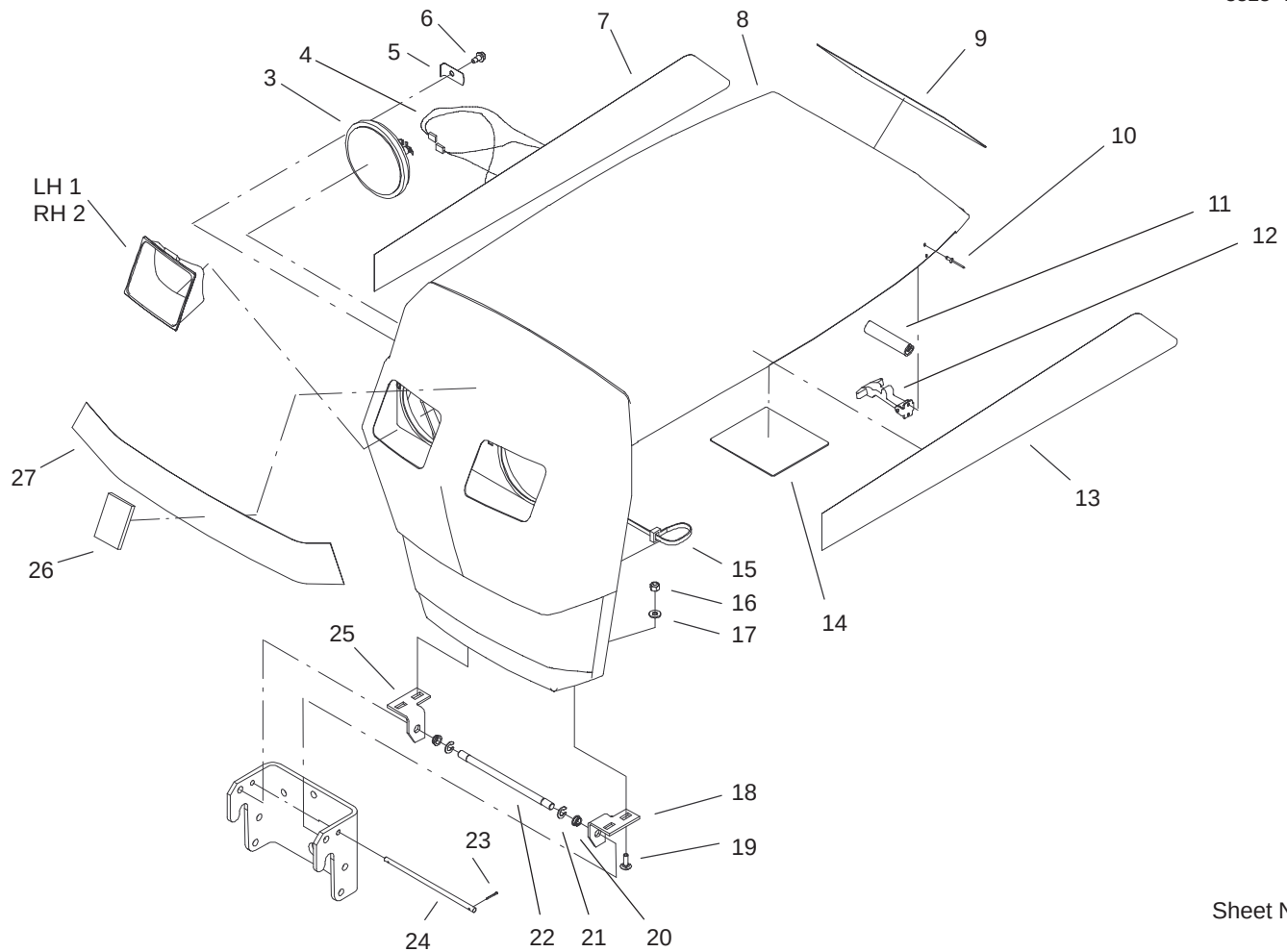
Contents

Description	Page	Description	Page
Hood Assembly	3	Engine Assembly—Kohler Model CH15S–44533	24–35
Frame, Axle, and Steering Assembly	4	H.D. Spindles, Wheels & Tires Kit	80494
Hoodstand and Console Assembly	5	Recycler Kit (for 42in R.D. mower)	86001
Footrest and Hoodstand Side Cover Assembly	6	Leaf Baffle Kit (for 42in S.D. mower)	85501
Gauge, Warning Light and Control Assembly ..	7	Recycler Kit (for 48in R.D. mower)	79195
Manual Lift Assembly	8	48in Recycler Retrofit Kit	79190
Clutch Assembly	9	Dual Weight Kit	80733
Brake Assembly	10	Front Weight Kit	81125
Fender, Seat, Tail Light and Reflector Assembly	11	Electric Lift Kit	84225
Electric Clutch and Cover Assembly	12	Tire Chains	82522
Engine and Exhaust Assembly	13	Clevis Hitch	85518
Transaxle Assembly	14	Non–Metalic Front Hubcap w/logo	94–3717
Wheel Assembly	15	Non–Metalic Rear Hubcap w/logo	94–3718
Hitch Assembly	16	Snow Cab	79978
Battery Assembly	17	Front–Mount Mower–Carrier (for 42 & 48in S.D. & 48in Recycler Mower)	79380
Fuel Tank Assembly	18	Auxiliary Fuel Tank	83300
Hoodstand Electrical Mounting Assembly	19	Tire Tube, Rear	7007
Transmission Case Assembly	20	Tire Tube, Front	100079
Transmission Gear Assembly	21		
Wire Routing Diagram	22		
Wiring Schematic	23		

Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

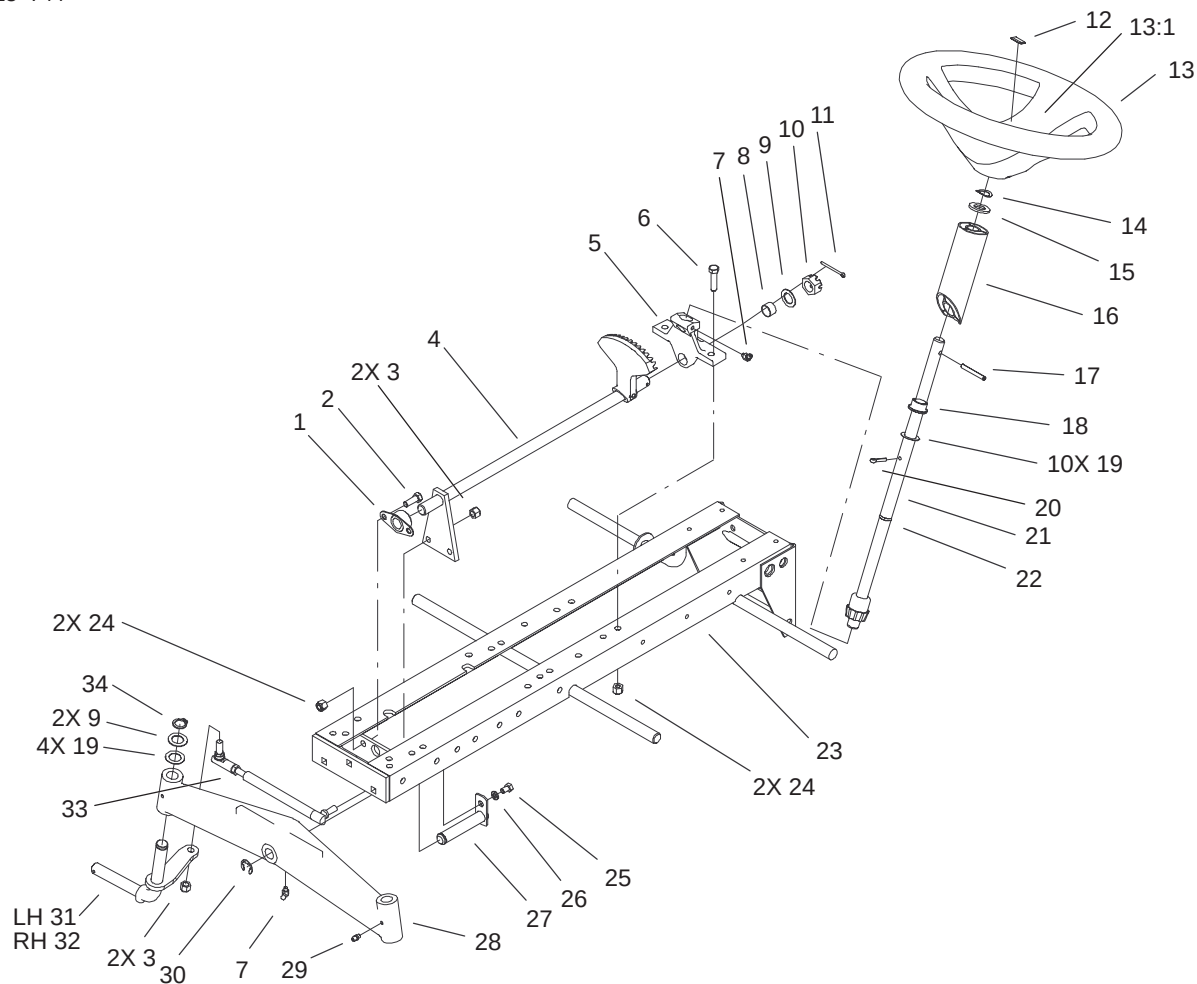
Abbreviation	Meaning	Abbreviation	Meaning
AR	as required	HYD	hydraulic
ASM	assembly	INC	incorporated
CARR	carriage	LH	left hand
DEG	degrees	NI	nylon insert
FH	flat head	PPH	Phillips pan head
GA	gauge	PTH	Phillips truss head
HF	hex flange	PTO	power take off
HH	hex head	RH	right hand
HHF	hex head flange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



Sheet No.:2

Hood Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	109495	1	Bezel-Headlight LH	26	94-3736	1	Logo-Horsehead
2	109494	1	Bezel-Headlight RH	27	92-9826	1	Decal-Front Hood, Top
3	102881	2	Headlamp				
4	95-7679	1	Harness-Headlight				
5	109459	2	Lock-Headlight				
6	9266714	2	Screw-HWH				
7	92-9825	1	Decal-RH Hood, Top				
8	112358-01	1	Hood				
9	98-0750	1	Decal-Danger, Hood				
10	117432	4	Rivet-Pop				
11	111757	1	Edging-Console				
12	117344	2	Handle ASM				
13	92-9824	1	Decal-Hood, Top LH				
14	105-1488	1	Decal-Maintenance Classic				
15	3290-378	1	Tie-Cable				
16	3296-42	4	Nut-Lock, NI				
17	3256-22	4	Washer-Flat				
18	116747	1	Bracket-Grill LH				
19	3229-25	4	Screw-CARR				
20	5979	2	Bushing-Nyliner				
21	105797	2	Ring-Retaining				
22	116745	1	Rod-Grill Pivot				
23	3272-1	2	Pin-Cotter				
24	101850	1	Rod-Hood Stop				
25	116746	1	Bracket-Grill RH				

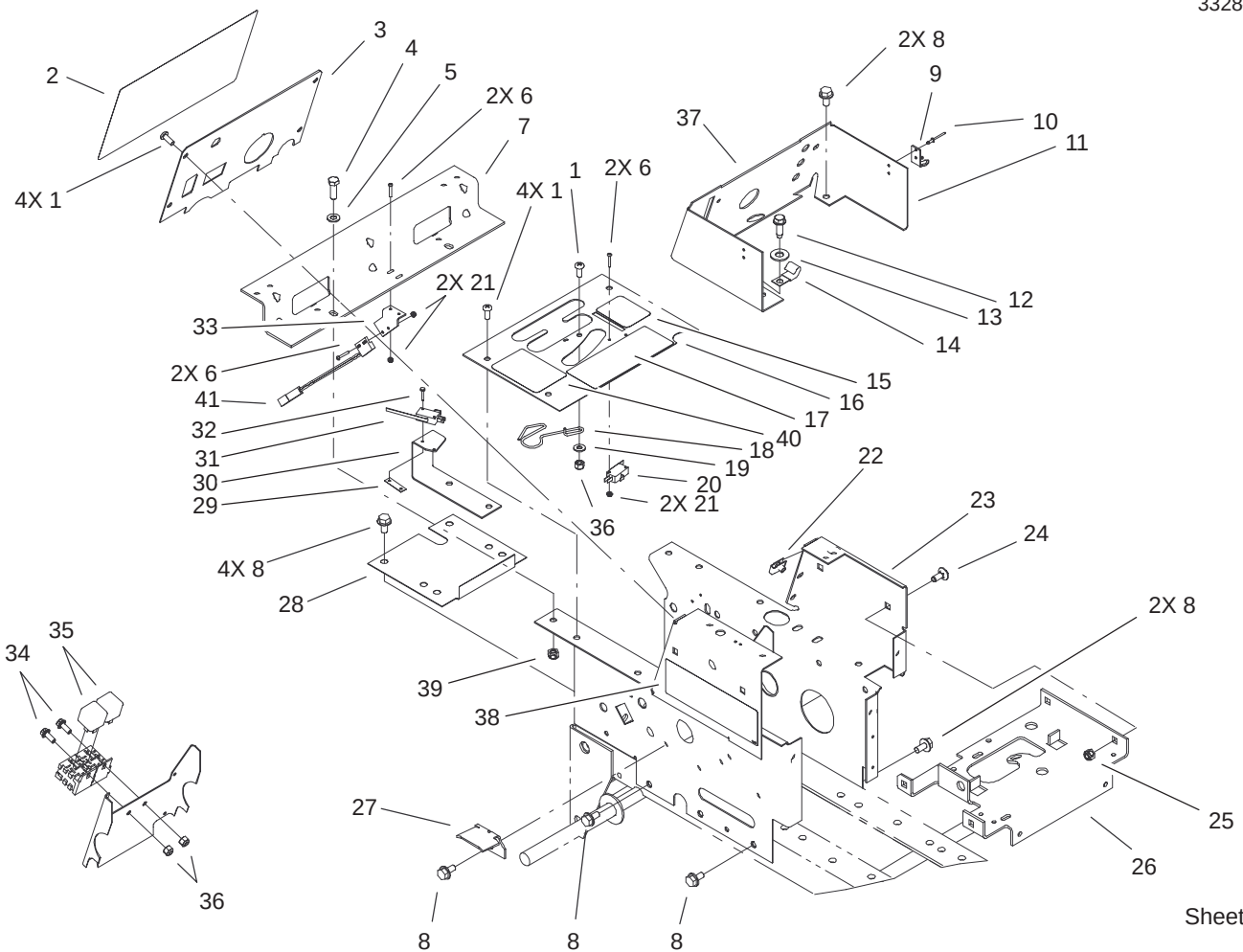


Sheet No.:3

Frame, Axle, and Steering Assembly

Ref. No.	Part No.	Qty.	Description
1	6472	1	Bearing-Flanged
2	323-6	2	Screw-HH
3	3296-6	4	Nut-Lock, NI
4	78-2880-03	1	Lower Steering ASM
5	88-2710-03	1	Support-Lower, Steering
6	323-8	2	Screw-HH
7	302-11	2	Fitting-Lube, 45°
8	6397	1	Bearing-Bronze
9	1278	3	Washer
10	32136-5	1	Nut-Slotted
11	3272-19	1	Pin-Cotter
12	98-1459	1	Decal-Toro
13	98-1473	1	Wheel-Steering
13:1	98-1468	1	Cover-Wheel, Steering
14	7896	1	Washer-Bowed
15	109262	2	Washer-Wheel
16	113443	1	Tube-Steering
17	32121-111	1	Pin-Roll
18	109189	1	Bearing-Flanged
19	5210	14	Washer-Shim
20	3272-21	1	Pin-Cotter
21	92-4987	1	Steering Shaft ASM
22	237-69	1	O-Ring
23	94-6673-01	1	Frame ASM

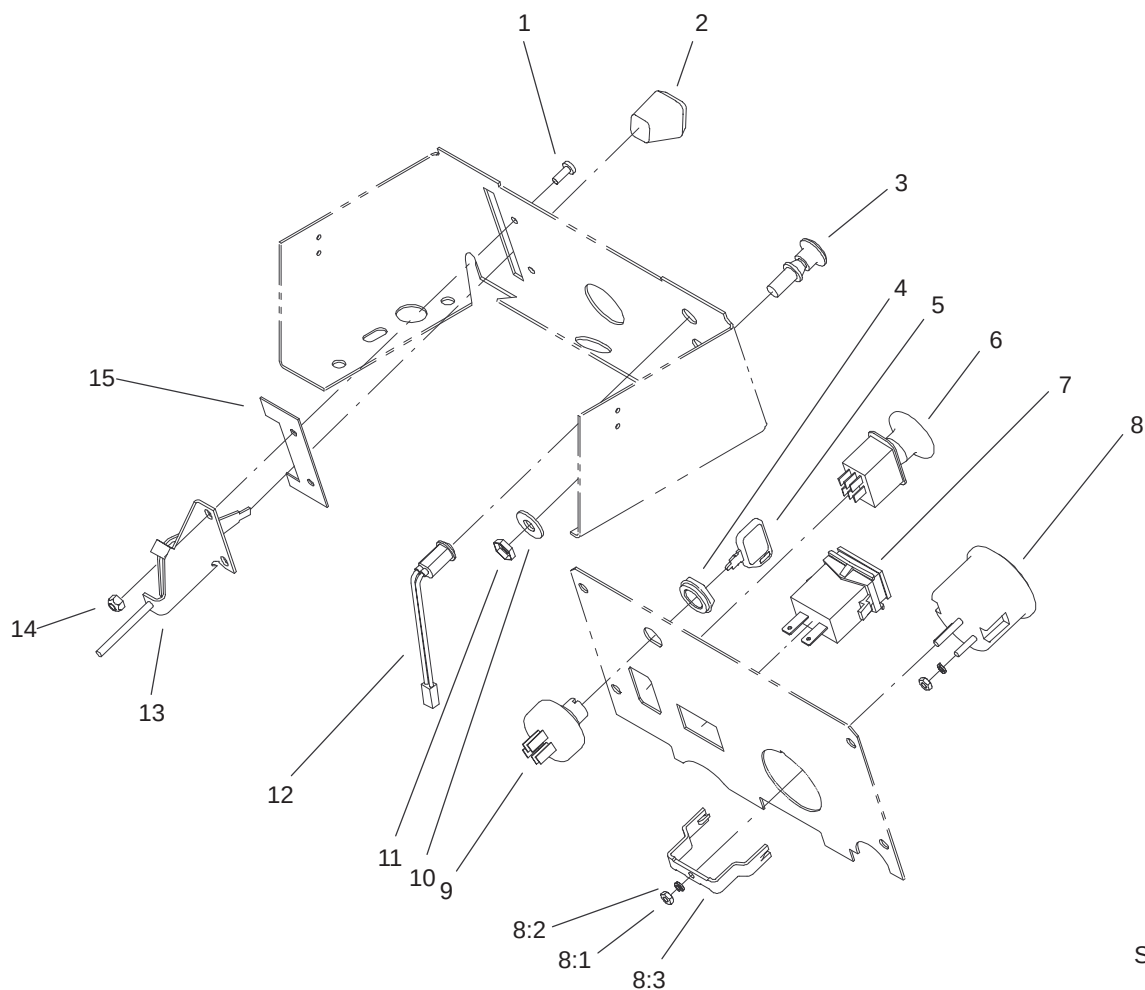
Ref. No.	Part No.	Qty.	Description
24	3296-39	4	Nut-Lock, NI
25	322-1	1	Screw-HH
26	3253-4	1	Washer-Lock
27	6216	1	Pin And Plate ASM
28	5638-01	1	Axle-Front
28:1	5638	1	Axle-Front
29	302-5	2	Fitting-Grease
30	5618	1	E-Ring
31	113382-01	1	RH Spindle ASM
32	113381-01	1	LH Spindle ASM
33	78-2900-01	2	Tie Rod ASM
34	32120-93	2	Ring-Retaining



Sheet No.:4

Hoodstand and Console Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	9108372	9	Screw-PPH	27	88-2170-03	1	Bracket-Belt Support
2	104-4324	1	Decal-Dash, Lower	28	106250-03	1	Cover-Dust
3	104-2470-03	1	Plate-Hoodstand	29	3290-354	1	Nut-Speed
4	322-5	2	Screw-HH	30	99-8049-03	1	Bracket-Switch, Reverse
5	3256-23	2	Washer-Flat	31	88-9931	1	Switch-Micro
6	9109484	6	Screw-PPH	32	147665	2	Screw-HH
7	95-7665-03	1	Bracket-Fender	33	95-7666	1	Bracket-Switch, Reed
8	32144-14	11	Screw-HWH	34	3234-33	2	Screw-HHF
9	117343	2	Keeper-Latch	35	98-7249	2	Relay
10	117432	4	Rivet-Pop	36	3296-42	3	Nut-Lock, NI
11	95-7670-03	1	Console	37	99-5341	1	Decal-Console
12	32144-41	1	Screw-Taptite	38	105-1481	2	Decal-Model 315-8
13	3256-4	1	Washer-Flat	39	3296-29	2	Nut-Lock, NI
14	111392	1	J-Clip	40	111534	1	Decal-Shift Pattern
15	111510	1	Decal-Parking, Brake	41	95-7669	1	Switch-Reed, Magnetic
16	99-8026-03	1	Plate-Shift				
17	92-8946	1	Decal-Danger				
18	99-8028	1	Spring-Shift Control				
19	3256-22	1	Washer-Flat				
20	111332	1	Switch				
21	9157324	6	Nut-Hex				
22	107069	4	Clip				
23	95-7676-03	1	Hoodstand ASM				
24	116000	4	Bolt-CARR				
25	3296-29	4	Nut-Lock, NI				
26	78-3010-03	1	Support-Battery				

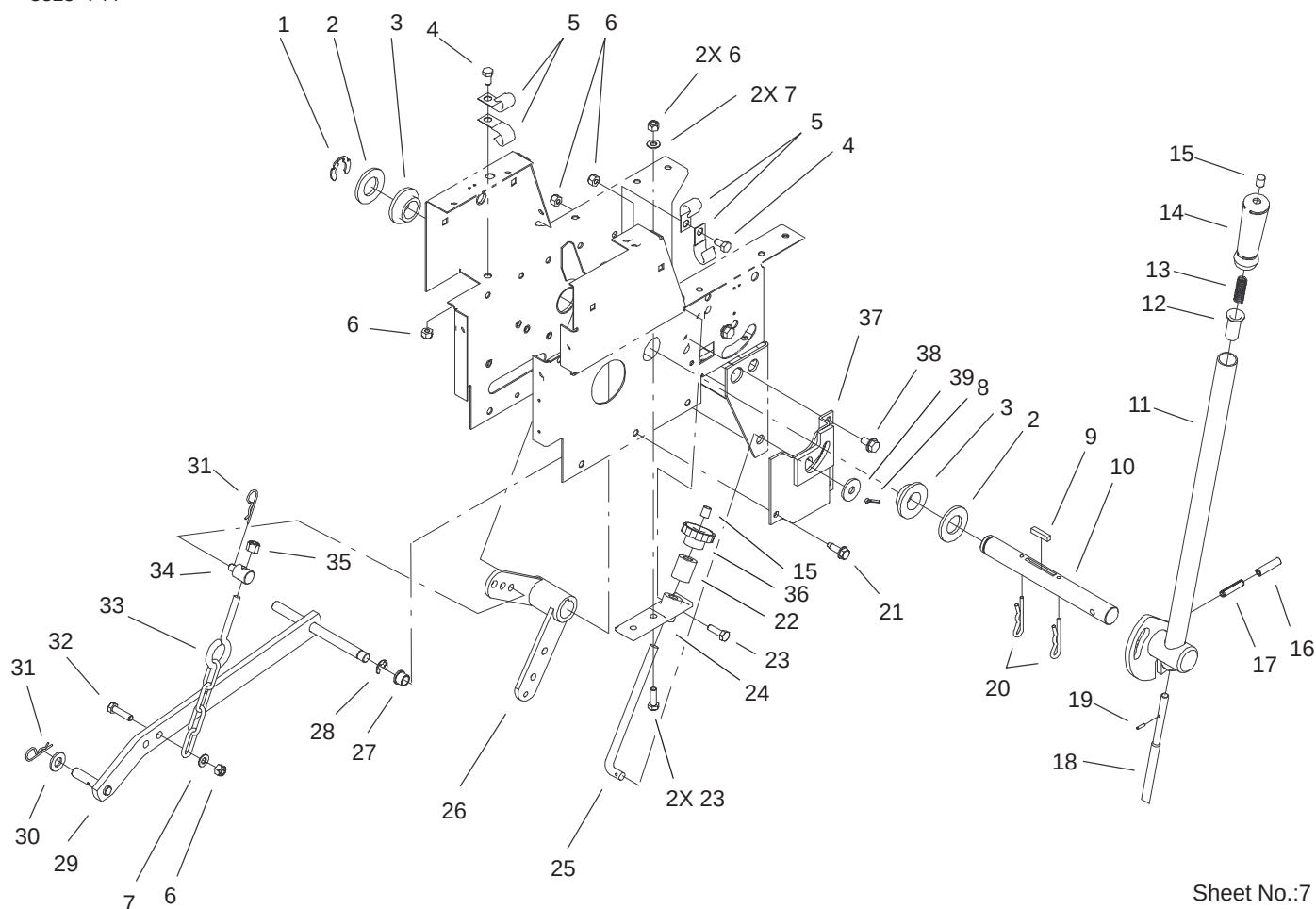


Sheet No.:6

Gauge, Warning Light and Control Assembly

Ref. No.	Part No.	Qty.	Description
1	3250-14	2	Screw-PPH
2	66-0120	1	Knob
3	95-7656	1	Choke Control ASM
4	700919	1	Nut
5	62-7770	1	Key-Ignition
6	93-9998	1	Switch-PTO
7	94-4208	1	Hourmeter
8	79-0060	1	Voltmeter
8:1	3217-27	1	Nut-Hex
8:2	3255-25	1	Washer-Lock
8:3	78-0080	1	Clamp-Mounting
9	92-6785	1	Switch-Ignition
10	3256-37	1	Washer-Flat
11	109530	1	Nut-Hex Palnut
12	95-7652	3	Light-Indicator
13	95-7657	1	Throttle Control ASM
14	3296-2	2	Nut-Lock
15	120590-03	1	Stop-Throttle

Ref. No.	Part No.	Qty.	Description

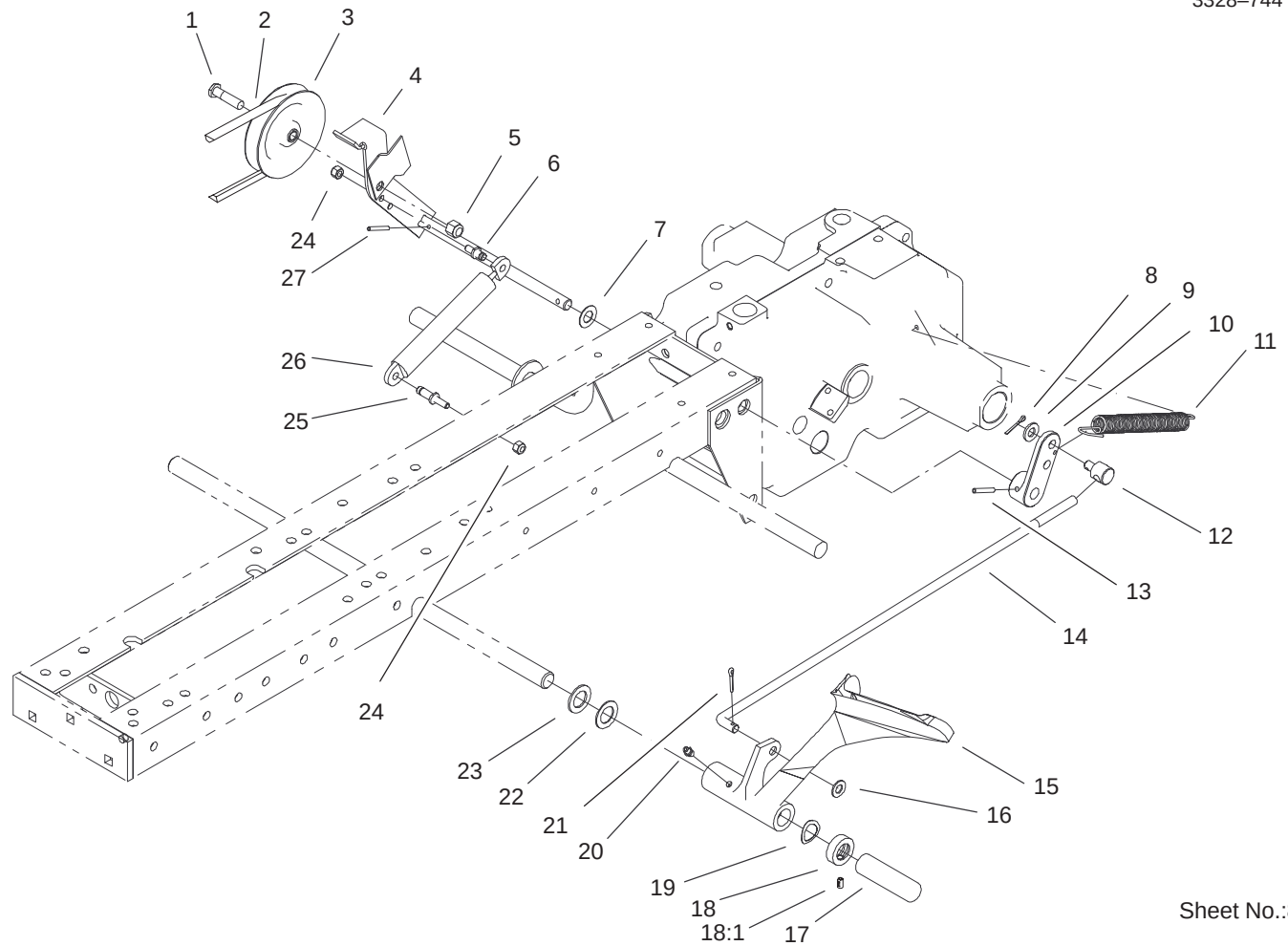


Sheet No.:7

Manual Lift Assembly

Ref. No.	Part No.	Qty.	Description
1	32151-91	1	Ring-Retaining
2	3256-62	2	Washer-Flat
3	106269	2	Bearing-Flange
4	322-2	2	Screw-HH
5	8830	4	Clip
6	3296-29	6	Nut-Lock, NI
7	3256-23	3	Washer-Flat
8	3272-10	1	Pin-Cotter
9	1121	1	Key-Square
10	108565	1	Shaft-Lift Lever
11	108563-03	1	Lift Handle ASM
12	8130	1	Retainer-Spring
13	3624	1	Spring-Compression
14	92-6710	1	Grip-Handle
15	105316	2	Cap-Plunger Rod
16	32121-103	1	Pin-Spring
17	32121-25	1	Pin-Roll
18	106257	1	Rod-Latch Lift
19	933148	1	Pin-Spirol
20	9335074	2	Pin-Hair
21	32144-41	2	Screw-Taptite
22	106258-03	1	Sleeve-Adjustment, Lift
23	322-5	3	Screw-HH
24	106345-03	1	Casting-Lift Lever
25	110653	1	Rod-Height Control

Ref. No.	Part No.	Qty.	Description
26	78-1550	1	Lift Lever ASM
27	6229	1	Bearing
28	32120-47	1	Ring-Retaining, External
29	113445-03	1	Lift Bar ASM
30	3256-26	1	Washer-Flat
31	9335054	2	Pin-Hair
32	322-6	1	Screw-HH
33	106522	1	Chain-Lift
34	6739	1	Trunnion-Lift
35	3296-39	1	Nut-Lock, NI
36	5280	1	Knob-Lift Control
37	106411-03	1	Lift Lever ASM
38	32144-14	1	Screw-HWH
39	2844	1	Washer

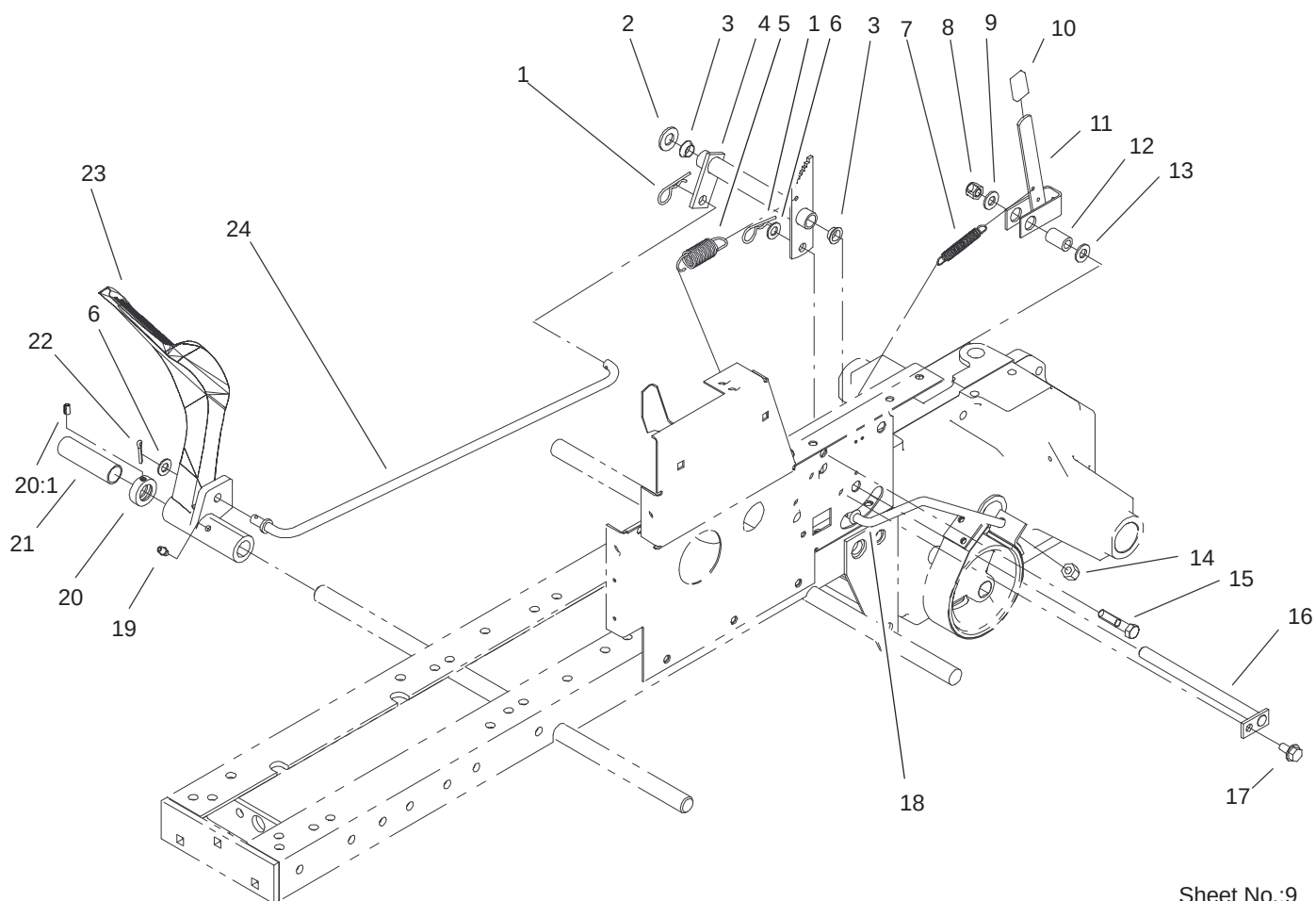


Sheet No.:8

Clutch Assembly

Ref. No.	Part No.	Qty.	Description
1	106193	1	Bolt-Special Hex
2	93-9808	1	Belt-V
3	95-7668	1	Pulley-V, Idler
4	98-1746	1	Idlr Arm ASM
5	32146-2	1	Nut-Lock, NI
6	104-5093	1	Pin-Damper, Clutch Arm
7	3765	1	Shim-Washer
8	3272-6	1	Pin-Cotter
9	3256-24	1	Washer-Flat
10	105896-03	1	Arm-Clutch Rod
11	108035	1	Spring-Clutch
12	101161	1	Trunion
13	933190	1	Pin-Spirol
14	103347	1	Rod And Guide ASM
15	94-3703-01	1	Pedal-Brake, Clutch
16	920248	1	Washer-Nylon
17	94-6683	1	Sleeve-Protective
18	111383	1	Collar
18:1	3245-32	1	Screw-HS
19	7896	1	Washer-Bowed
20	302-5	1	Fitting-Grease
21	3272-10	1	Pin-Cotter
22	1278	1	Washer
23	9202254	1	Washer
24	3296-42	2	Nut-Lock, NI

Ref. No.	Part No.	Qty.	Description
25	104-5094	1	Pin-Damper, Classic Frame
26	100-8732	1	Damper-Gas
27	933267	1	Pin-Spirol

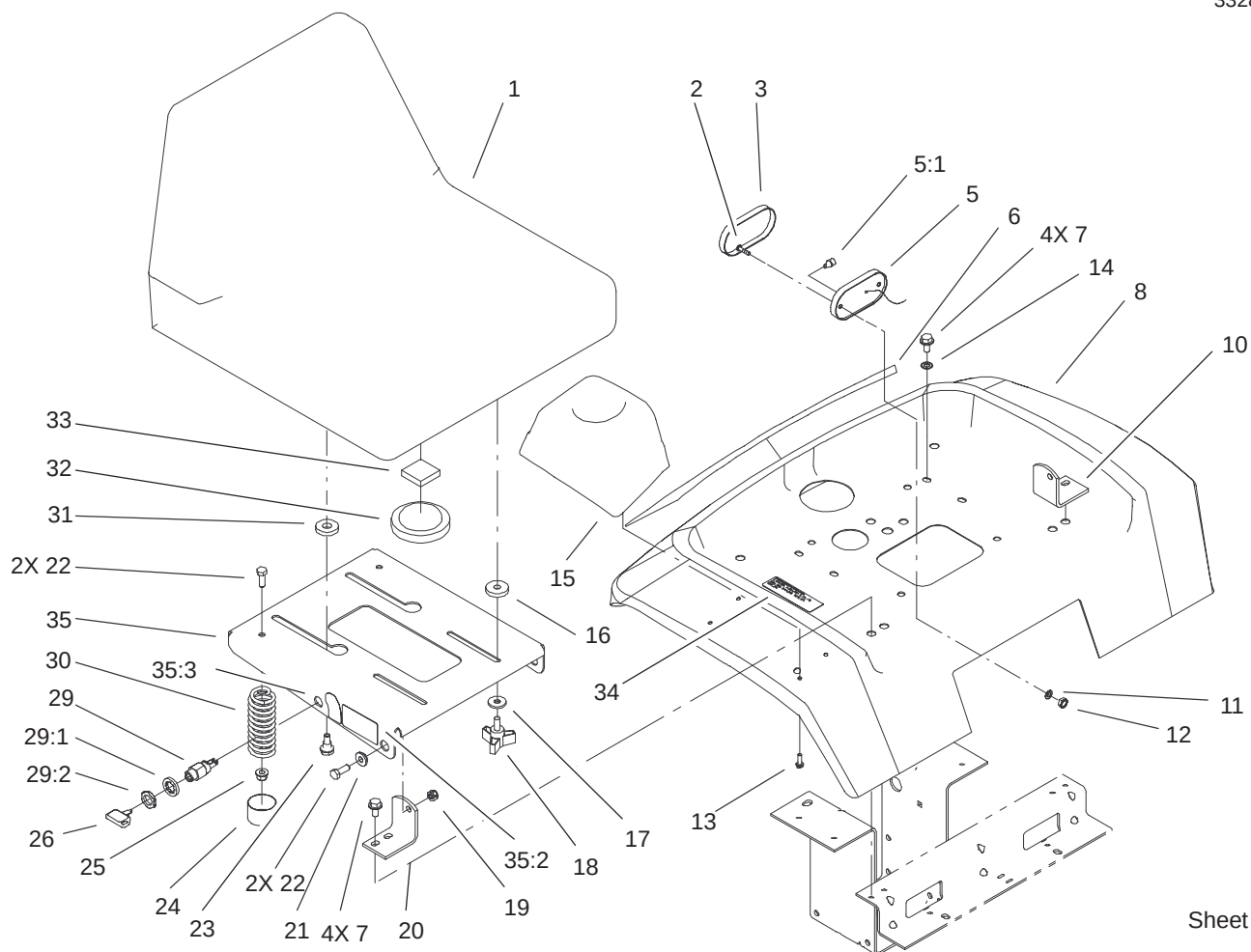


Sheet No.:9

Brake Assembly

Ref. No.	Part No.	Qty.	Description
1	9335054	2	Pin—Hair
2	3256—26	1	Washer—Flat
3	7879	2	Bushing—Flanged
4	103543—03	1	Belcrank ASM
5	103628	1	Spring—Extension
6	920248	2	Washer—Nylon
7	107677	1	Spring—Brake
8	3296—39	1	Nut—Lock, NI
9	3256—24	1	Washer—Flat
10	6820	1	Grip
11	106451—03	1	Brake Lever ASM
12	102025	1	Spacer
13	3256—24	1	Washer—Flat
14	3296—39	1	Nut—Lock, NI
15	323—9	1	Screw—HH
16	106417	1	Rod ASM
17	32144—14	1	Screw—HWH
18	105900	1	Rod—Rear Brake
19	302—5	1	Fitting—Grease
20	111383	1	Collar
20:1	3245—32	1	Screw—HS
21	94—6683	1	Sleeve—Protective
22	3272—10	1	Pin—Cotter
23	94—3706—01	1	Pedal—Brake, Gear
24	92—6849	1	Rod—Brake

Ref. No.	Part No.	Qty.	Description

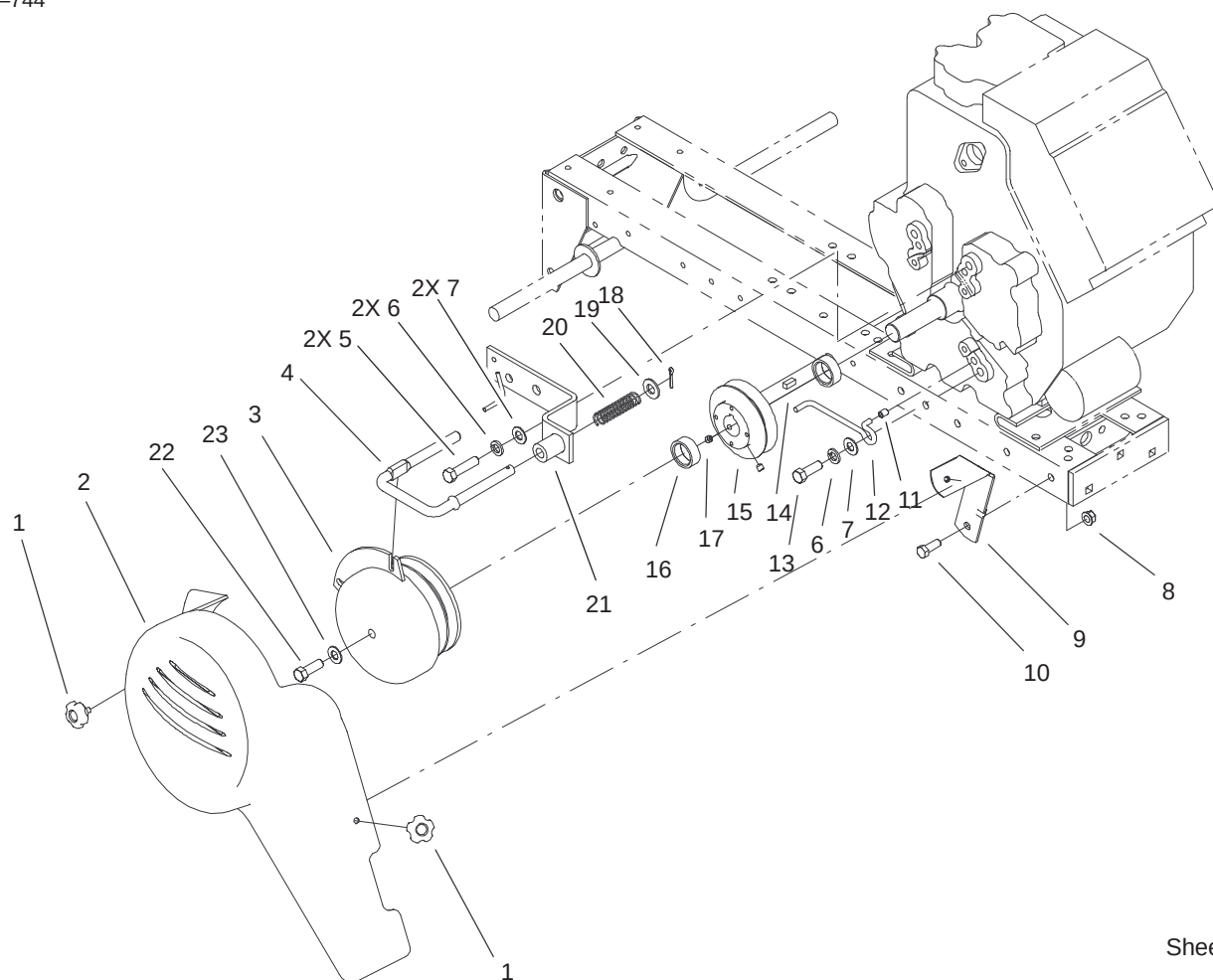


Sheet No.:10

Fender, Seat, Tail Light and Reflector Assembly

Ref. No.	Part No.	Qty.	Description
1	104-2463	1	Seat-High Back
2	3250-31	4	Screw-PPH
3	112564	2	Lens-Tail Light
5	105202	2	Base-Tail Light
6	92-9827	1	Decal-Rear Fender
7	32144-14	8	Screw-HWH
8	104-5077-01	1	Fender
10	79-0970-03	1	Bracket-Pivot LH
11	3254-1	4	Washer-Lock, Internal
12	3296-27	4	Nut-Lock NI
13	32144-20	4	Screw-Thread Forming
14	3255-8	1	Washer-Lock
15	104-0838	1	Holder-Cup
16	109989	2	Spacer-Nylon
17	94-2869	2	Washer
18	700806	2	Knob
19	3296-29	2	Nut-Lock, NI
20	79-0950-03	1	Bracket-Pivot, RH
21	105503	2	Bushing
22	322-4	4	Screw-HH
23	92-6986	2	Bolt-Shoulder
24	701178	2	Cap-Protector
25	3296-58	2	Nut-Lock NI
26	62-7770	1	Key-Ignition
29	46-5780	1	Switch-Starter

Ref. No.	Part No.	Qty.	Description
29:1	3254-5	1	Washer-Lock, Internal
29:2	218-461	1	Nut-HH
30	92-7054	2	Spring-Compression
31	92-6750	2	Spacer-Nylon
32	100-3524	1	Switch-Seat
33	104-2488	1	Foam-Switch, Seat
35	104-5027	1	Support Seat ASM
35:2	99-2985	1	Danger-Decal
35:3	99-5339	1	Decal

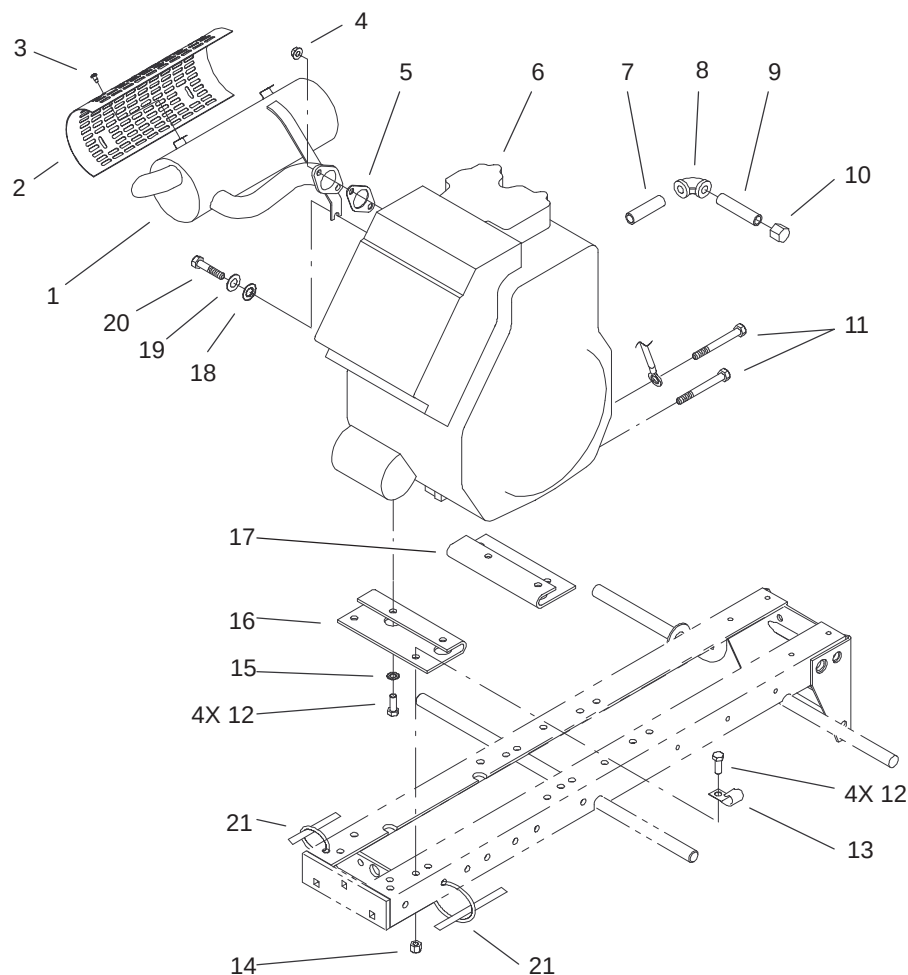


Sheet No.:11

Electric Clutch and Cover Assembly

Ref. No.	Part No.	Qty.	Description
1	105-1406	2	Knob
2	105-1483	1	Guard-Belt
3	104-2472	1	Clutch-Electric, Classic
4	104-4307	1	Rod-Stop, PTO
6	3253-6	3	Washer-Lock
7	3256-25	3	Washer-Flat
8	3290-357	1	Nut-HHF
9	105-1407-03	1	Belt Cover Bracket ASM
10	323-6	1	Screw-HH
11	112841	1	Cap
12	98-1700	1	Wire-Guide, Belt
13	324-5	3	Screw-HH
14	105453	1	Key
15	7466	1	Pulley
16	100-3549	2	Spacer-Crankshaft
17	3246-2	2	Setscrew-HSH
18	3272-10	1	Pin-Cotter
19	3256-26	1	Washer-Flat
20	95-4256	1	Spring-Compression
21	100-8739-03	1	PTO Stop ASM

Ref. No.	Part No.	Qty.	Description

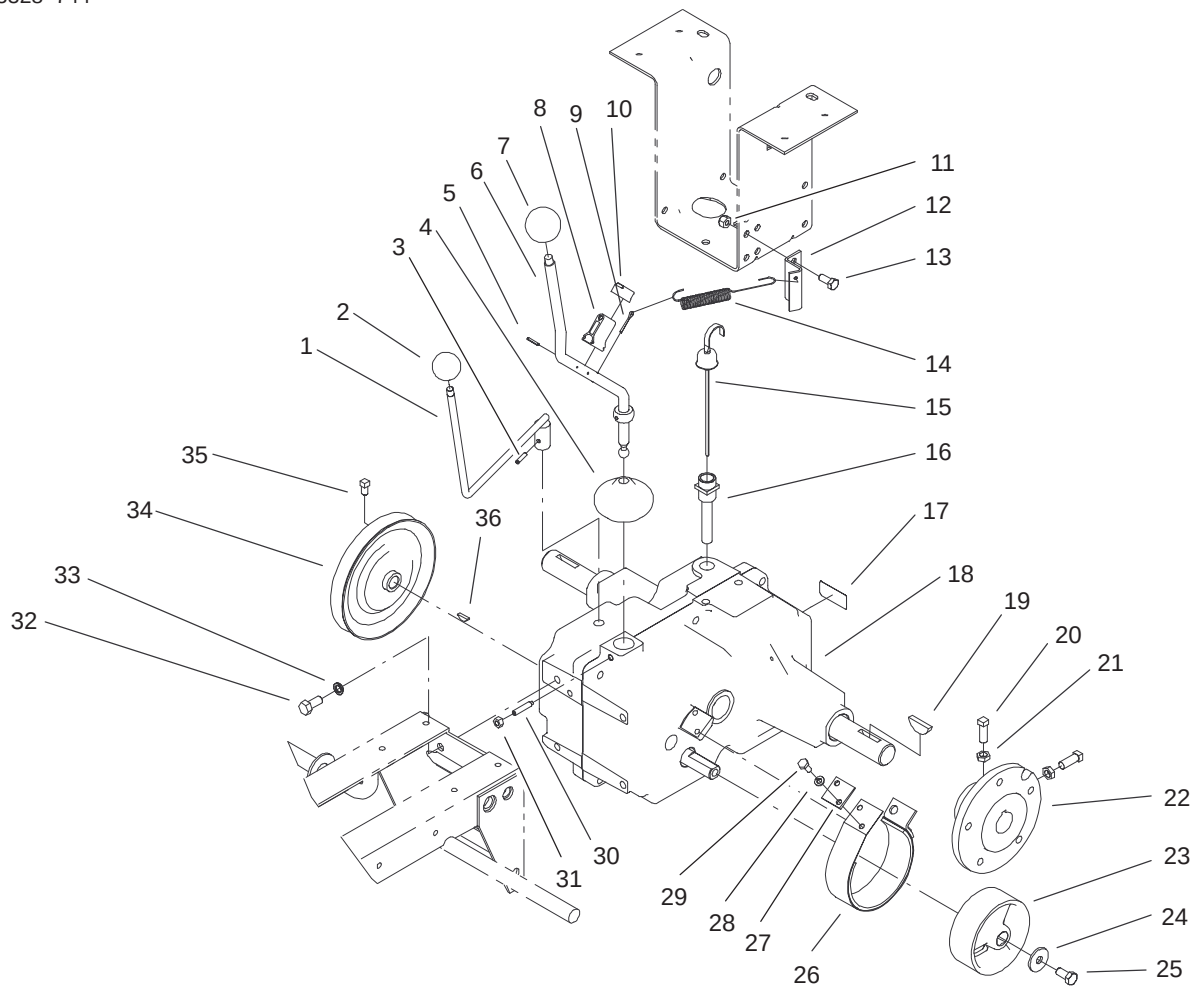


Sheet No.:12

Engine and Exhaust Assembly

Ref. No.	Part No.	Qty.	Description
1	95-7662	1	Muffler
2	94-3738	1	Shield-Heat
3	9103312	4	Screw
4	92-6780	2	Nut-HF
5	92-6716	1	Gasket-Exhaust
☆6		1	Engine-15 HP Kohler Model Ch15S-44533
7	289-51	1	Nipple
8	2811-16	1	Elbow-90°
9	289-45	1	Nipple-Pipe
10	288-4	1	Cap-Pipe
11	M-0839070	2	Screw-HHF
12	323-6	8	Screw-HH
13	8830	1	Clip
14	3296-39	4	Nut-Lock, NI
15	3255-9	4	Washer-Lock/Ext
16	98-1731-03	1	Bracket-Engine Mounting, Front
17	98-1730-03	1	Bracket-Engine Mounting, Rear
18	3256-23	1	Washer-Flat
19	3253-4	1	Washer-Lock
20	24 086 45	1	Screw-HHF
21	3290-378	2	Tie-Cable

☆ Not serviced separately

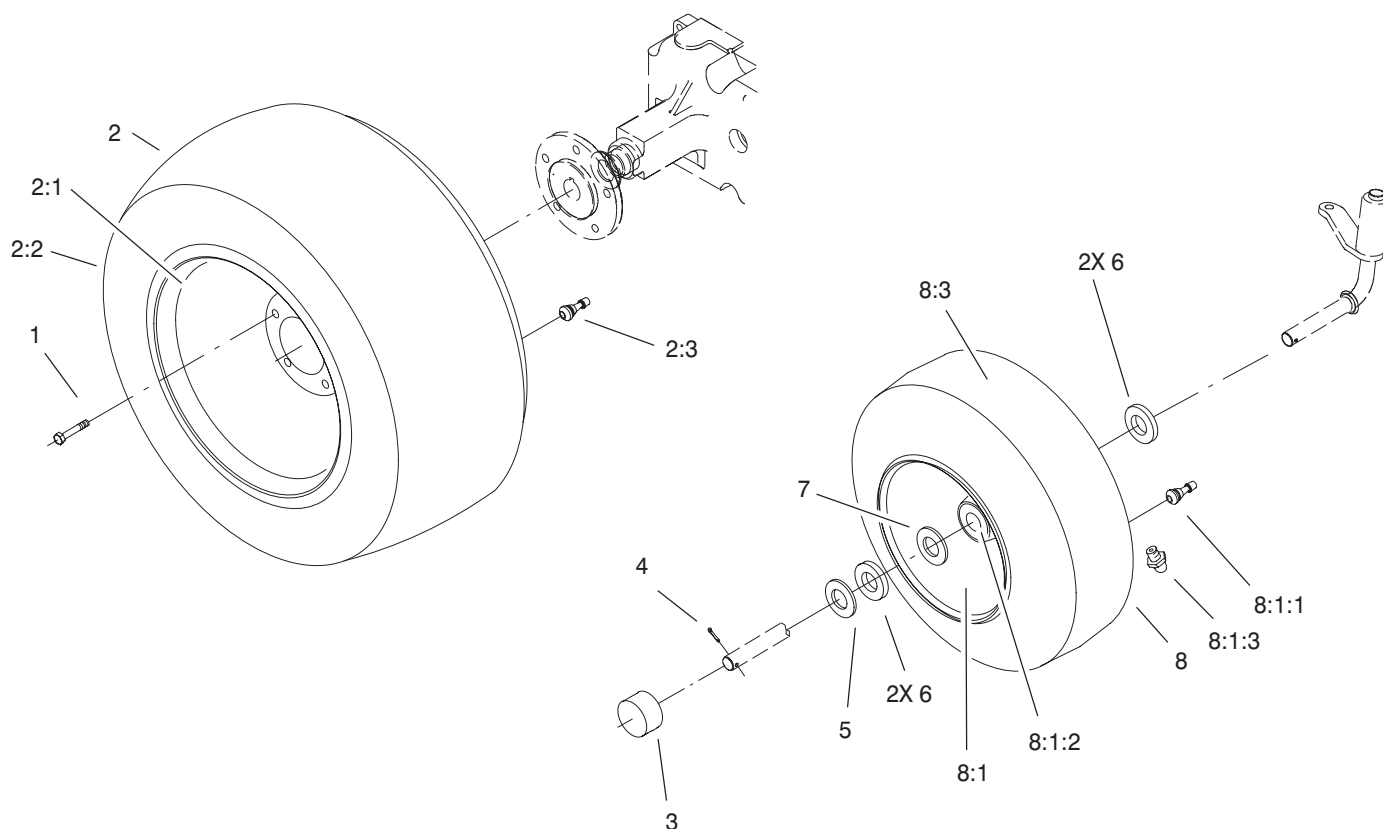


Sheet No.:13

Transaxle Assembly

Ref. No.	Part No.	Qty.	Description
1	110727	1	Shift Rod ASM
2	83-2710	1	Knob
3	933184	1	Pin-Spirol
4	3577	1	Cover-Dust
5	32121-97	2	Pin
6	95-7684	1	Shift Rod ASM
7	108758	1	Knob
8	95-7683	1	Magnet Clip ASM
9	3272-6	1	Pin-Cotter
10	98-1748	1	Shield-Magnet
11	3296-29	2	Nut-Lock, NI
12	99-8029-03	1	Bracket-Spring
13	322-3	2	Screw-HH
14	110769	1	Spring-Extension
15	101847-03	1	Dipstick
16	102703	1	Nipple-Fill, Transmission
17	94-1834	1	Decal-Unidrive
18	94-6671	1	Transmission ASM
19	937108	2	Key-Woodruff
20	3243-5	4	Screw-Set
21	3218-3	4	Nut-Jam
22	105763-03	2	Hub-Wheel
23	106719	1	Drum-Brake
24	2844	1	Washer
25	110234	1	Screw-Hex Hd Cap

Ref. No.	Part No.	Qty.	Description
26	9593	1	Brake Band ASM
27	94-6696-03	1	Plate-Brake
28	3253-3	2	Washer-Lock
29	321-3	2	Screw-HH
30	1239	1	Screw-Set
31	3217-5	1	Nut-Hex
32	323-5	4	Screw-HH
33	3253-21	4	Washer-Lock
34	106165	1	Pulley-Transmission
35	3242-2	1	Screw-SQH
36	937221	1	Key-Hi Pro



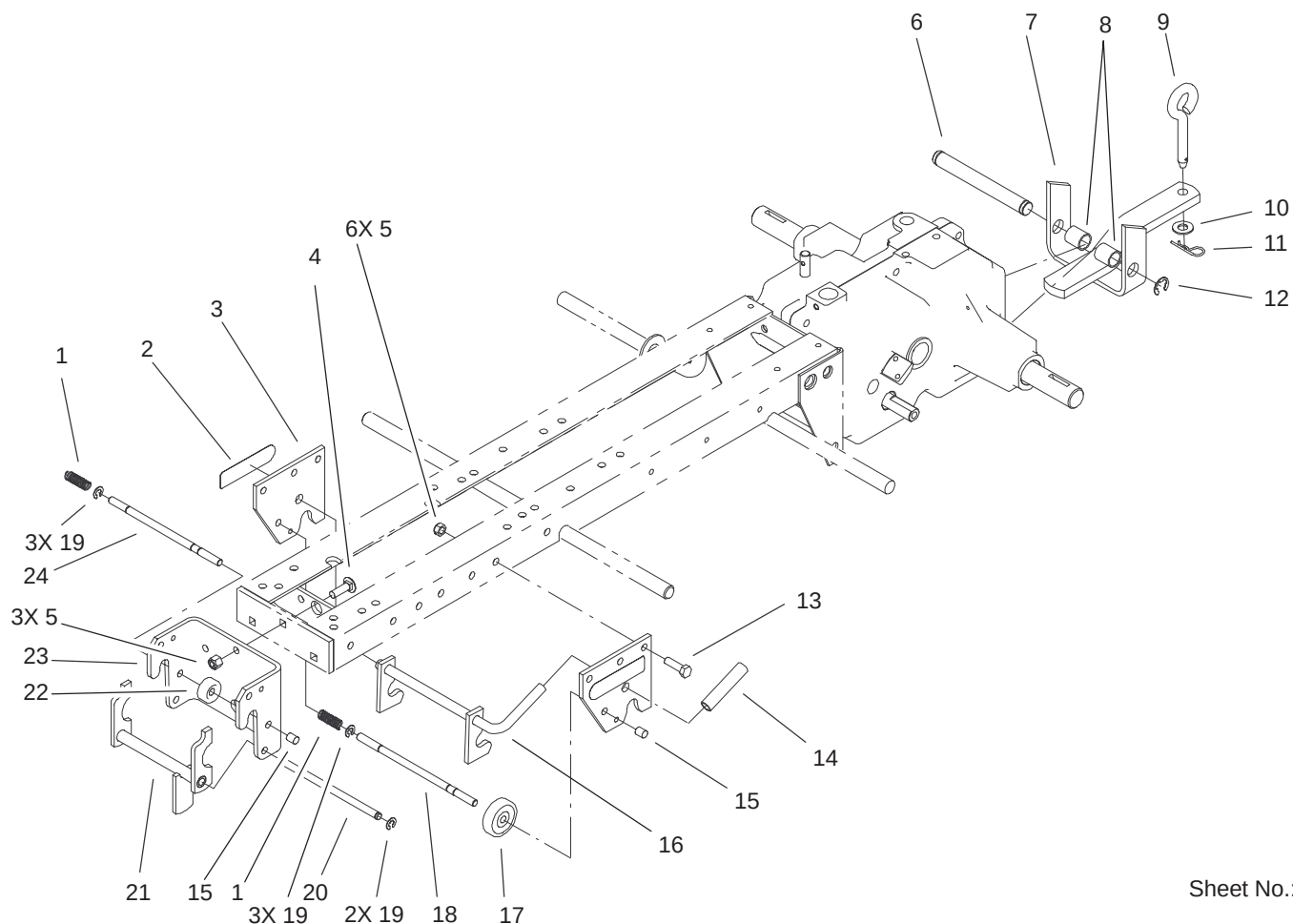
Sheet No.:14

Wheel Assembly

Ref. No.	Part No.	Qty.	Description
1	83-2720	10	Bolt-Lug
☆2		2	Tire ASM
2:1	111516	1	Wheel
2:2	116744	1	Tire
2:3	5108	1	Valve
3	61-9780	2	Cap-Hub
4	3272-17	2	Pin-Cotter
5	28-2480	2	Washer
6	1278	4	Washer
7	5210	2	Washer-Shim
☆8		2	Front Wheel ASM
8:1	93-9801	1	Wheel ASM
8:1:1	5108	1	Valve
8:1:2	110513	2	Bearing-Wheel
8:1:3	109500	1	Zerk-Grease
8:3	117127	1	Tire

Ref. No.	Part No.	Qty.	Description

☆ Not serviced separately

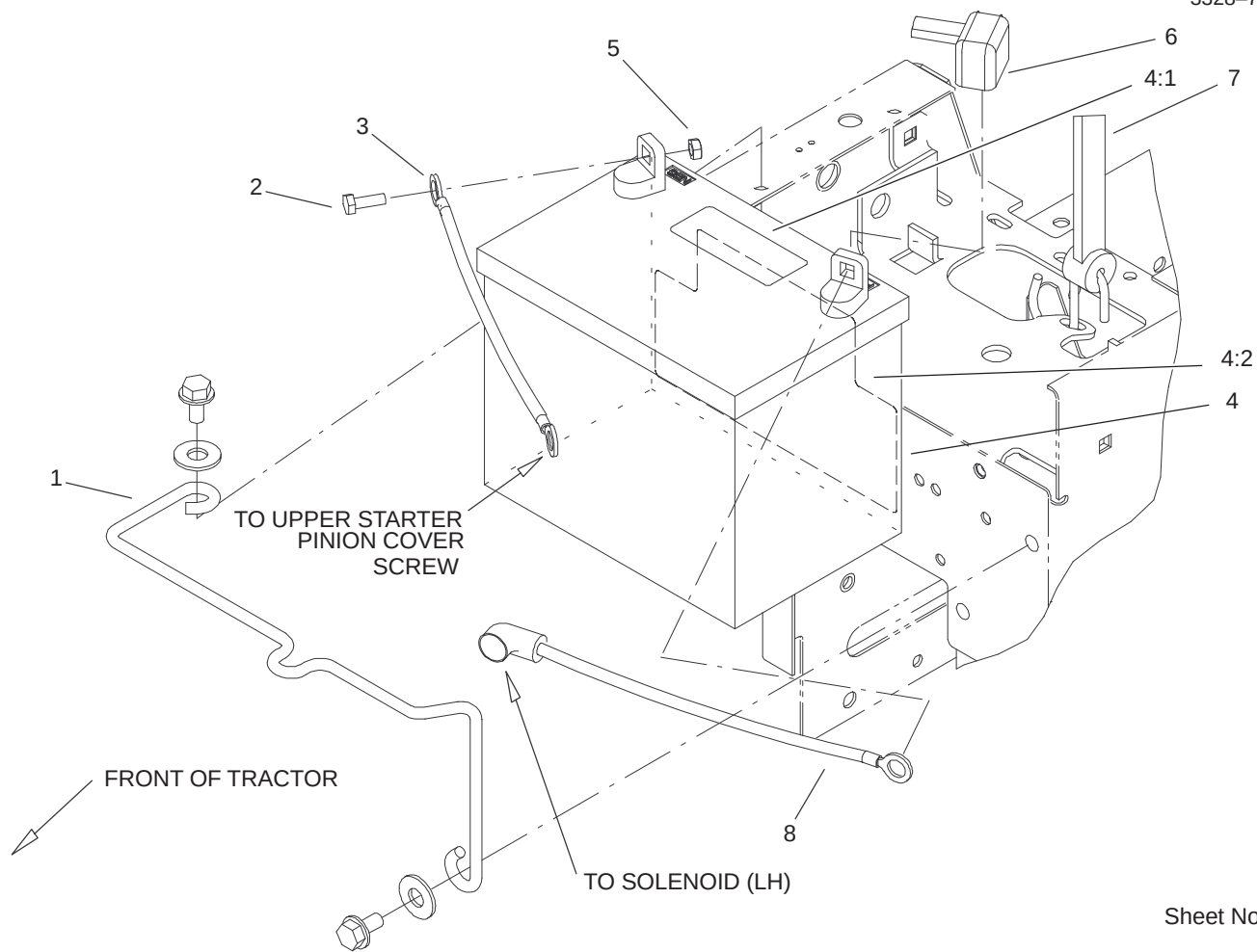


Sheet No.:15

Hitch Assembly

Ref. No.	Part No.	Qty.	Description
1	8616	2	Spring
2	92-8747	2	Decal-Attach-A-Mat ic
3	102644-01	2	Plate-Hitch
4	3231-25	3	Screw-CARR
5	3296-39	9	Nut-Lock, NI
6	105269	1	Pin-Stationary Hitch
7	98-8083-01	1	Hitch ASM
8	9791204	2	Spacer
9	106634	1	Pin-Tool
10	3256-26	1	Washer-Flat
11	9335054	1	Pin-Hair
12	5618	2	E-Ring
13	323-44	6	Screw-HH
14	9038	1	Grip
15	105316	2	Cap-Plunger Rod
16	117930	1	Mid Hitch ASM
17	101017	1	Lock
18	83-6520	1	Rod-Lock
19	105797	8	Ring-Retaining
20	101750	1	Rod-Latch Pivot
21	93-1613	1	Latch
22	101707	1	Lock
23	101711-01	1	Hitch-Front
24	101751	1	Rod-Lock

Ref. No.	Part No.	Qty.	Description

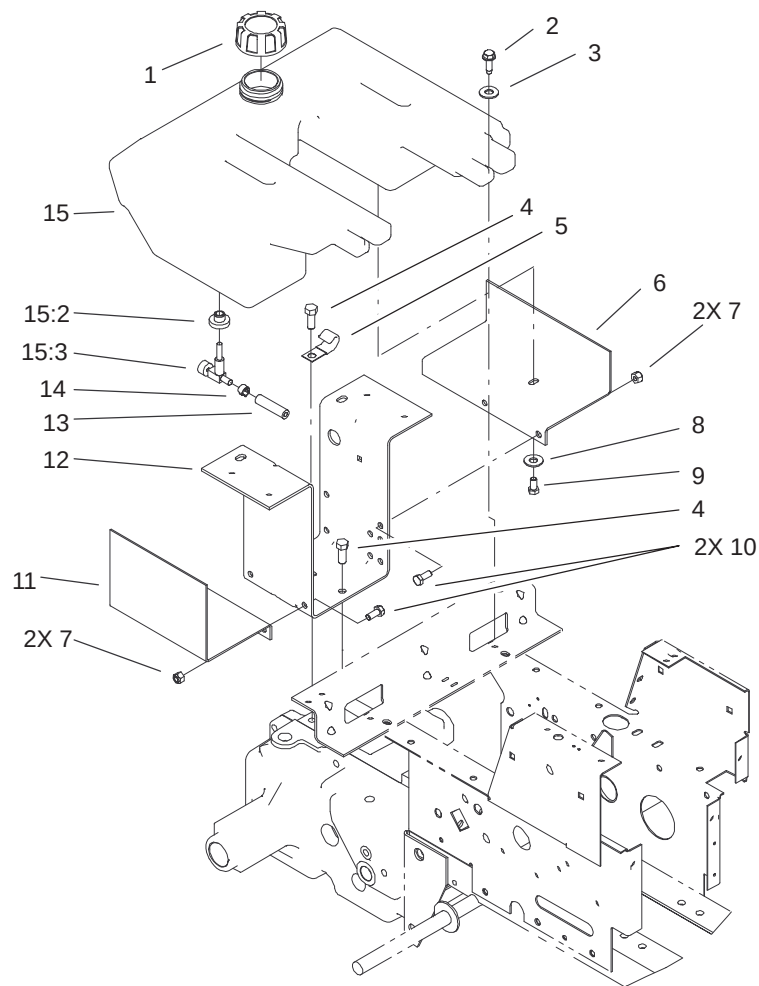


Sheet No.:16

Battery Assembly

Ref. No.	Part No.	Qty.	Description
1	104-0847	1	Rod-Battery
2	321-4	2	Screw-HH
3	95-7654	1	Cable
4	104-2493	1	Battery
4:1	104-4163	1	Decal-Battery
4:2	104-4164	1	Decal-Battery
5	3296-42	2	Nut-Lock, NI
6	28-8080	1	Boot-Terminal
7	104-2466	1	Holddown-Battery
8	100-3539	1	Cable-Battery, Positive

Ref. No.	Part No.	Qty.	Description

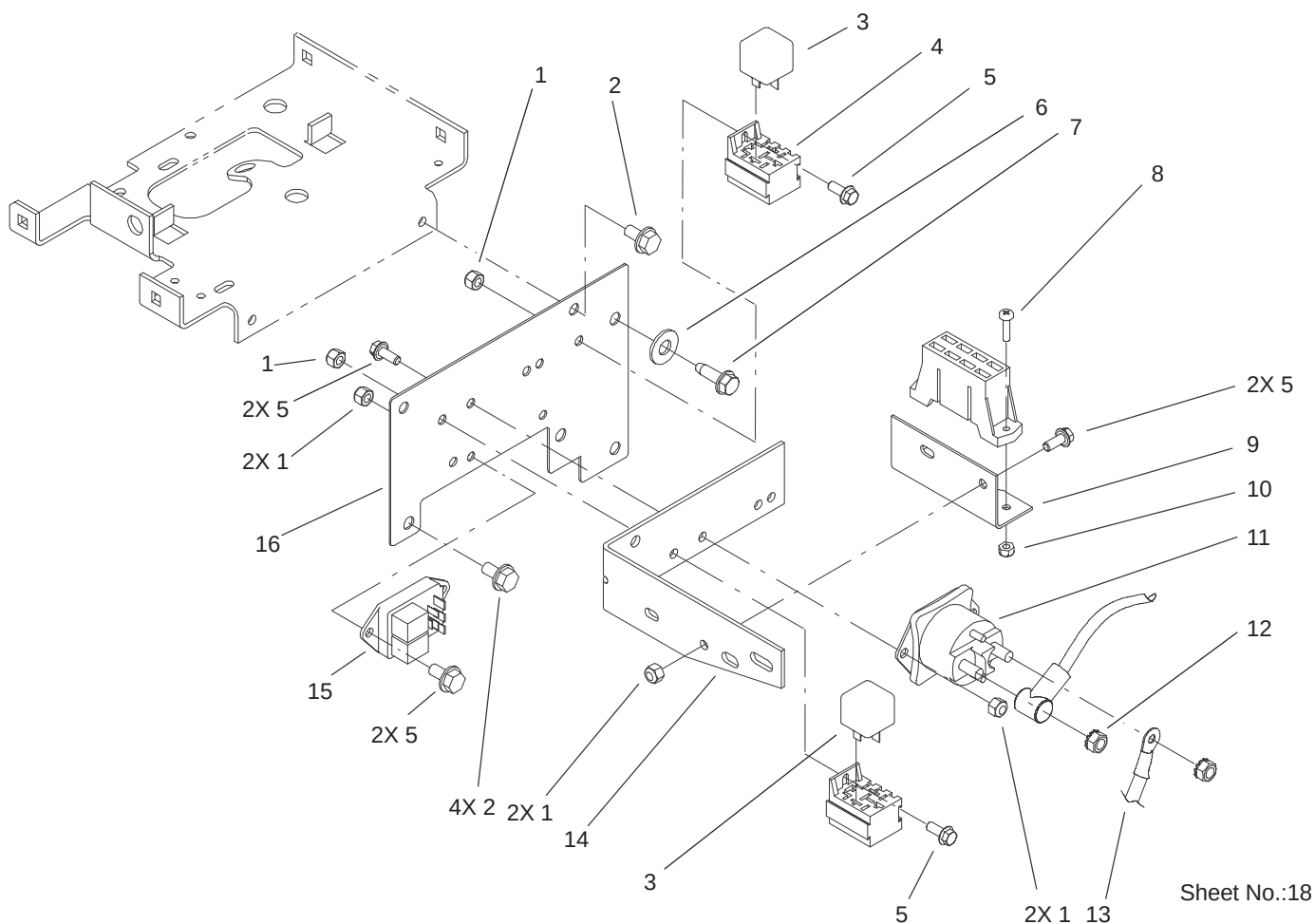


Sheet No.:17

Fuel Tank Assembly

Ref. No.	Part No.	Qty.	Description
1	55-3570	1	Gas Cap ASM
2	9266974	2	Screw-HWHTF
3	3256-4	2	Washer-Flat
4	3235-22	2	Screw-HH
5	8830	1	Clip
6	94-6693-03	1	Bracket-Support
7	3296-29	4	Nut-Lock, NI
8	3253-4	2	Washer-Lock
9	322-2	2	Screw-HH
10	322-3	4	Screw-HH
11	94-6692-03	1	Bracket-Support
12	79-4990-03	1	Support-Fender
13	92-9514	1	Hose-Fuel
14	2412-98	2	Clamp
15	106234	1	Tank-Fuel
15:2	104048	1	Valve-Fuel
15:3	104047	1	Bushing

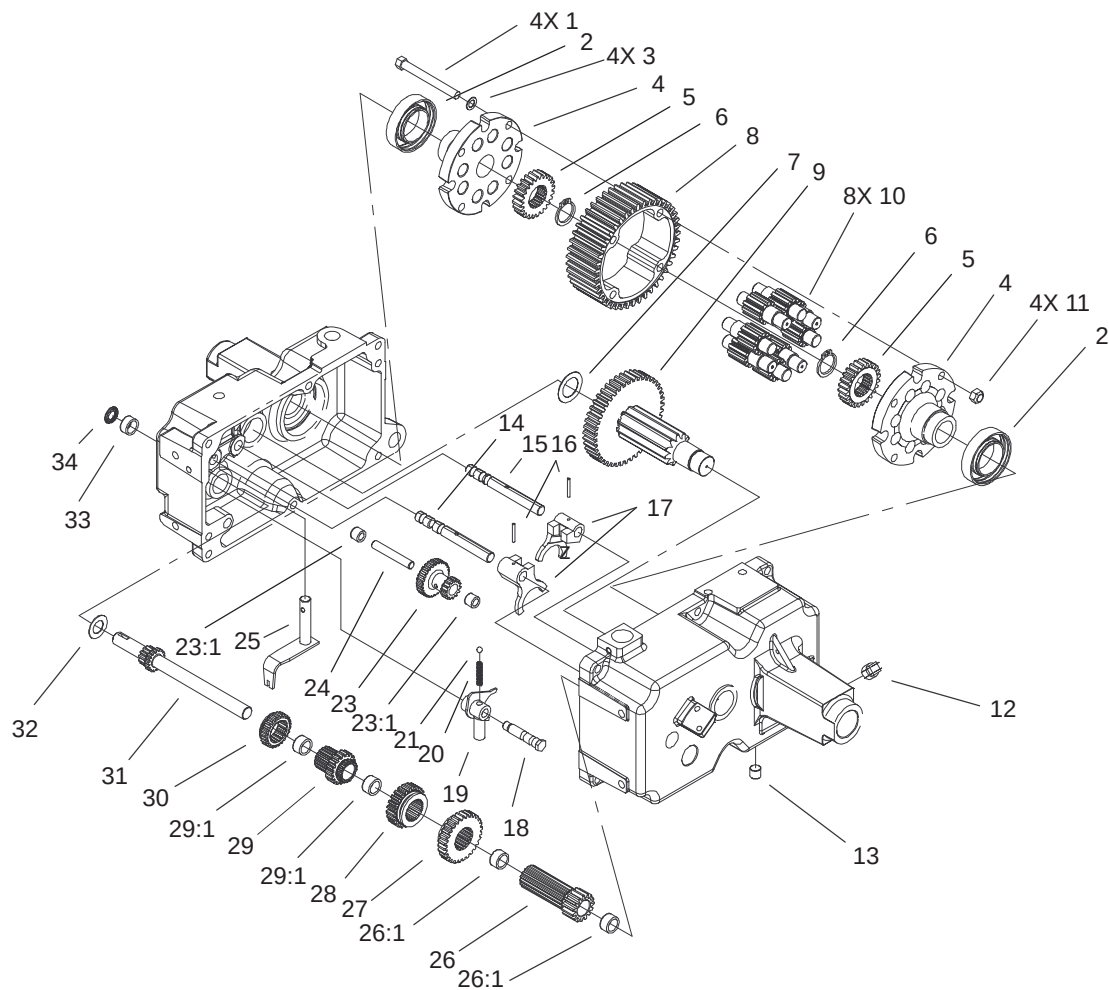
Ref. No.	Part No.	Qty.	Description



Hoodstand Electrical Mounting Assembly

Ref. No.	Part No.	Qty.	Description
1	3296-42	8	Nut-Lock, NI
2	32144-14	5	Screw-HWH
3	98-7249	2	Relay
4	100-8738	1	Harness-Wire
5	3234-33	8	Screw-HHF
6	3256-4	1	Washer-Flat
7	32144-41	1	Screw-Taptite
8	9107944	2	Screw-Pan
9	117331-03	1	Fuse Holder
10	3296-2	2	Nut-Lock
11	28-4210	1	Solenoid
12	32149-1	2	Nut
13	100-3540	1	Cable-Battery, Positive
14	100-6090-03	1	Bracket-Belt
15	99-3701	1	Module-Clutch
16	100-6091-03	1	Plate-Hoodstand, Front

Ref. No.	Part No.	Qty.	Description

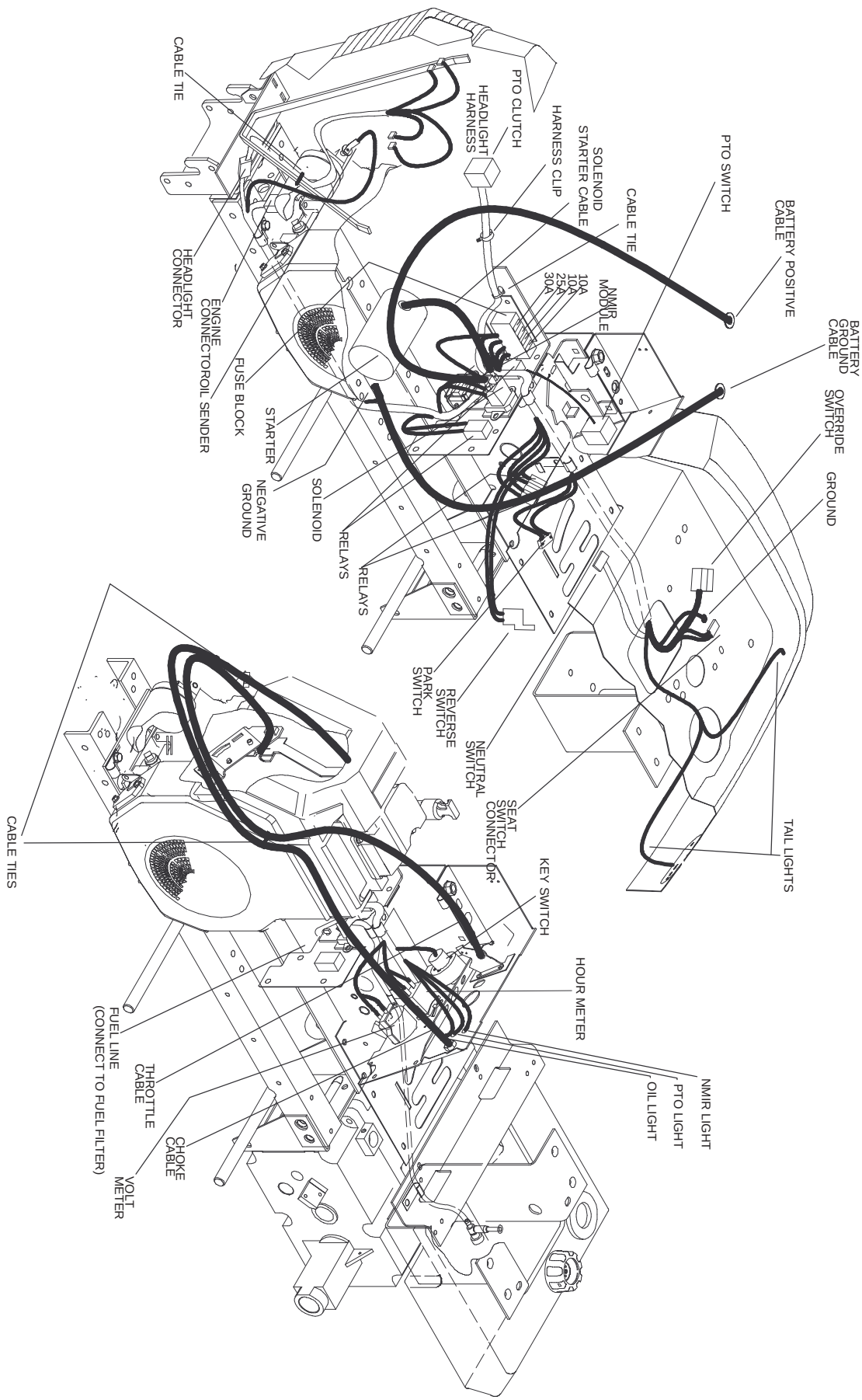


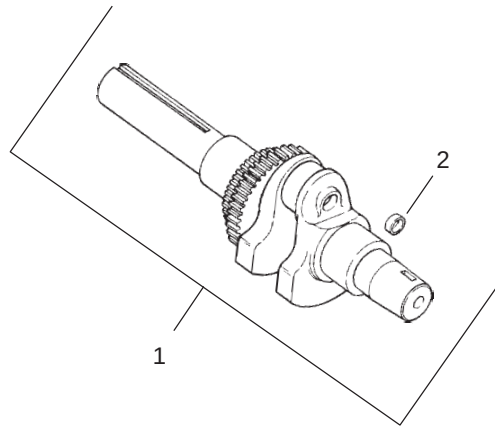
Sheet No.:2

Transmission Gear Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	911423	4	Bolt-Hex	25	7214	1	Shift ASM *R
2	111199	2	Bearing-Ball	26	5175	1	Gear
3	107374	4	Washer	26:2	1518	2	Bearing-Needle
4	111196	2	End Cap-Differential	27	5174	1	Gear-Low And Reverse
5	101889	2	Gear-Axle Differential	28	5173	1	Gear-Hi And 2nd
6	105876	2	Ring-Snap	29	7204	1	Gear
7	9547	1	Washer-Thrust	29:2	1518	2	Bearing-Needle
8	105061	1	Gear-Differential Ring 43t	30	7205	1	Gear-Sliding
9	102974	1	Gear ASM	31	7201	1	Shaft-Input
10	101623	8	Gear-Pinion 11t	32	7418	1	Washer-Thr
11	108881	4	Nut	33	1542	1	Bearing-Needle
12	281-2	1	Plug-Pipe, Square Head	34	100442	1	Seal-Oil
13	99-8551	1	Plug-Pipe				
14	5615	1	Rail-Shift				
15	5616	1	Rail-Rear Shift				
16	933156	2	Pin-Spirol, Roll				
17	3503	2	Fork-Shift				
18	7213	1	Bolt-Detent				
19	116636	1	Shift Fork ASM				
20	106030	1	Spring-Shift Stop				
21	3517	1	Ball-Detent				
23	100-1338	1	ASM-Gear Reduction				
23:2	7207	2	Bearing-Needle				
24	7208	1	Gear-Shaft Reduction				

Wire Routing Diagram



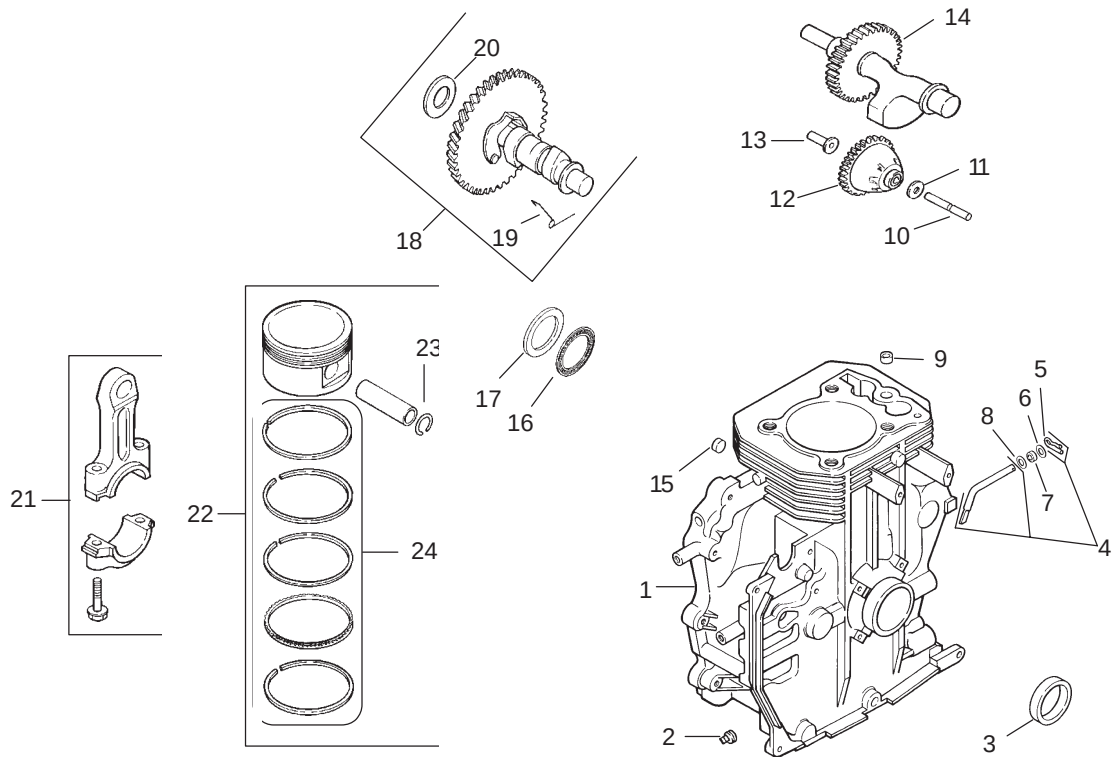


Sheet No.:

Crankshaft Assembly Kohler Model CH15S-44533

Ref. No.	Part No.	Qty.	Description
1	12 014 48-S	1	Crankshaft (Includes 2)
2	12 139 01-S	1	Plug, cup

Ref. No.	Part No.	Qty.	Description

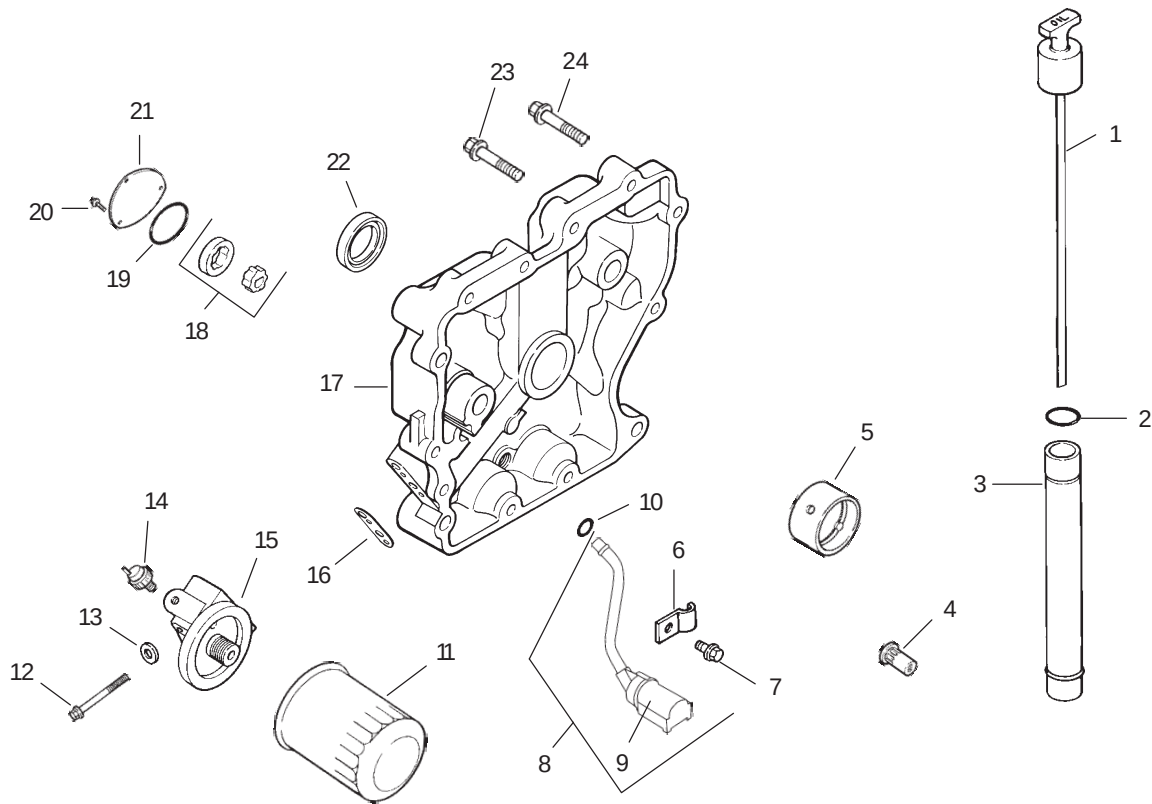


Sheet No.:

Crankcase Assembly Kohler Model CH15S-44533

Ref. No.	Part No.	Qty.	Description
1	N/A	1	Crankcase (USE: Short Block 12 522 06)
2	25 139 57-S	2	Plug, solid sq. hd. 3/8in N.P.T.F.
3	12 032 03-S	1	Seal, crankshaft
4	12 755 64-S	1	Kit, governor cross shaft (Includes 5)
5	12 154 05-S	1	Clip, hitch pin
6	M-631015-S	1	Washer, plain 6 mm
7	12 032 01-S	1	Seal, governor cross shaft
8	X-25-102-S	1	Washer, plain 1/4"
9	24 380 13-S	4	Pin, locating
10	12 144 02-S	1	Shaft, governor gear
11	M-631005-S	1	Washer, plain 6 mm
12	12 043 05-S	1	Gear, governor
13	12 380 01-S	1	Pin, governor regulating
14	12 144 26-S	1	Shaft, balance
15	52 139 09-S	1	Plug, cup
16	24 030 08-S	1	Bearing, thrust
17	24 422 04-S	1	Shim, thrust 0.48-0.52 mm (A.R.)
	24 422 05-S	1	Shim, thrust

Ref. No.	Part No.	Qty.	Description
			0.667-0.715 mm (A.R.)
18	12 755 49-S	1	Kit, camshaft (Includes 19,20)
19	12 089 31-S	1	Spring, actuating
20	12 422 08-S	A.R.	Shim, camshaft
	12 422 09-S	A.R.	Shim, camshaft
	12 422 10-S	1	Shim, camshaft
	12 422 11-S	A.R.	Shim, camshaft
	12 422 12-S	A.R.	Shim, camshaft
	12 422 13-S	A.R.	Shim, camshaft
	12 422 07-S	A.R.	Shim, camshaft
21	12 067 05-S	1	Connecting Rod (Std.)
	12 067 06-S	1	Connecting Rod (.25)
22	12 874 07-S	1	Piston w/Ring Set (Std.) (Includes 23, 24)
	12 874 08-S	1	Piston w/Ring Set (.25)
	12 874 09-S	1	Piston w/Ring Set (.50)
	12 874 11-S	1	Piston w/Ring Set (.08)
23	12 108 07-S	1	Ring Set (Std.)
	12 108 08-S	1	Ring Set (.25)
	12 108 09-S	1	Ring Set (.50)
24	12 018 02-S	2	Retainer, piston pin

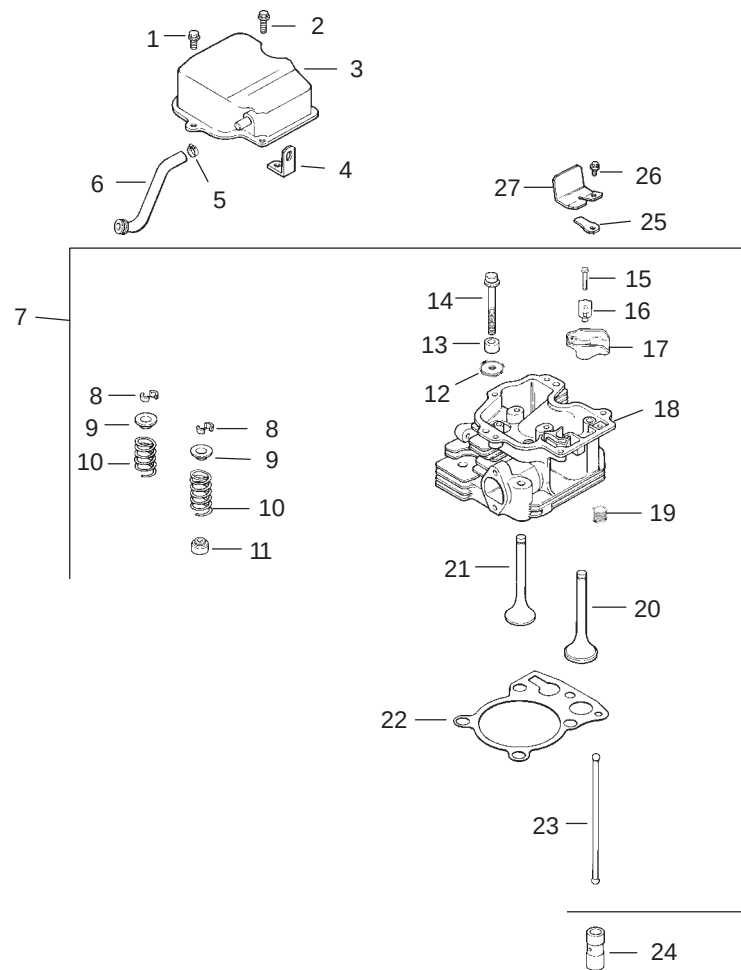


Sheet No.:

Oil Pan/Lubrication Assembly Kohler Model CH15S-44533

Ref. No.	Part No.	Qty.	Description
1	47 038 26-S	1	Dipstick assembly
2	41 153 01-S	1	O-Ring, lower oil fill tube
3	24 123 11-S	1	Tube, oil fill
4	25 462 09-S	1	Valve, oil pressure relief
5	12 030 05-S	1	Bearing, thrust
6	52 154 01-S	1	Clip, oil tube
7	M-545016-S	1	Screw, hex. flange M5x0.9x16
8	12 755 73-S	1	Kit, oil pick-up (Includes 9)
9	25 381 01-S	1	Screen, oil pick-up
10	12 153 04-S	1	O-Ring, oil pick-up
11	52 050 02-S	1	Filter, oil
12	M-651060-S	2	Screw, hex. flange M6x1.0x60
13	X-25-12-S	2	Washer, plain 1/4in
14	25 099 24-S	1	Switch, oil pressure
15	12 029 01-S	1	Adapter, oil filter
16	12 041 07-S	1	Gasket, oil filter adapter
17	12 009 36-S	1	Closure plate assembly (Includes 4,5,18-21)

Ref. No.	Part No.	Qty.	Description
18	12 393 01-S	1	Pump, oil assembly
19	12 153 05-S	1	O-Ring, oil pump
20	M-545016-S	3	Screw, hex. flange M5x0.8x16
21	12 096 21-S	1	Cover, oil pump
22	12 032 03-S	1	Seal, oil (PTO end)
23	24 086 16-S	11	Screw, hex. flange M8x1.25x45
24	24 086 17-S	1	Screw, hex. flange M8x1.25x45
	25 113 05-S	1	NOT ILLUSTRATED Decal, oil sentry

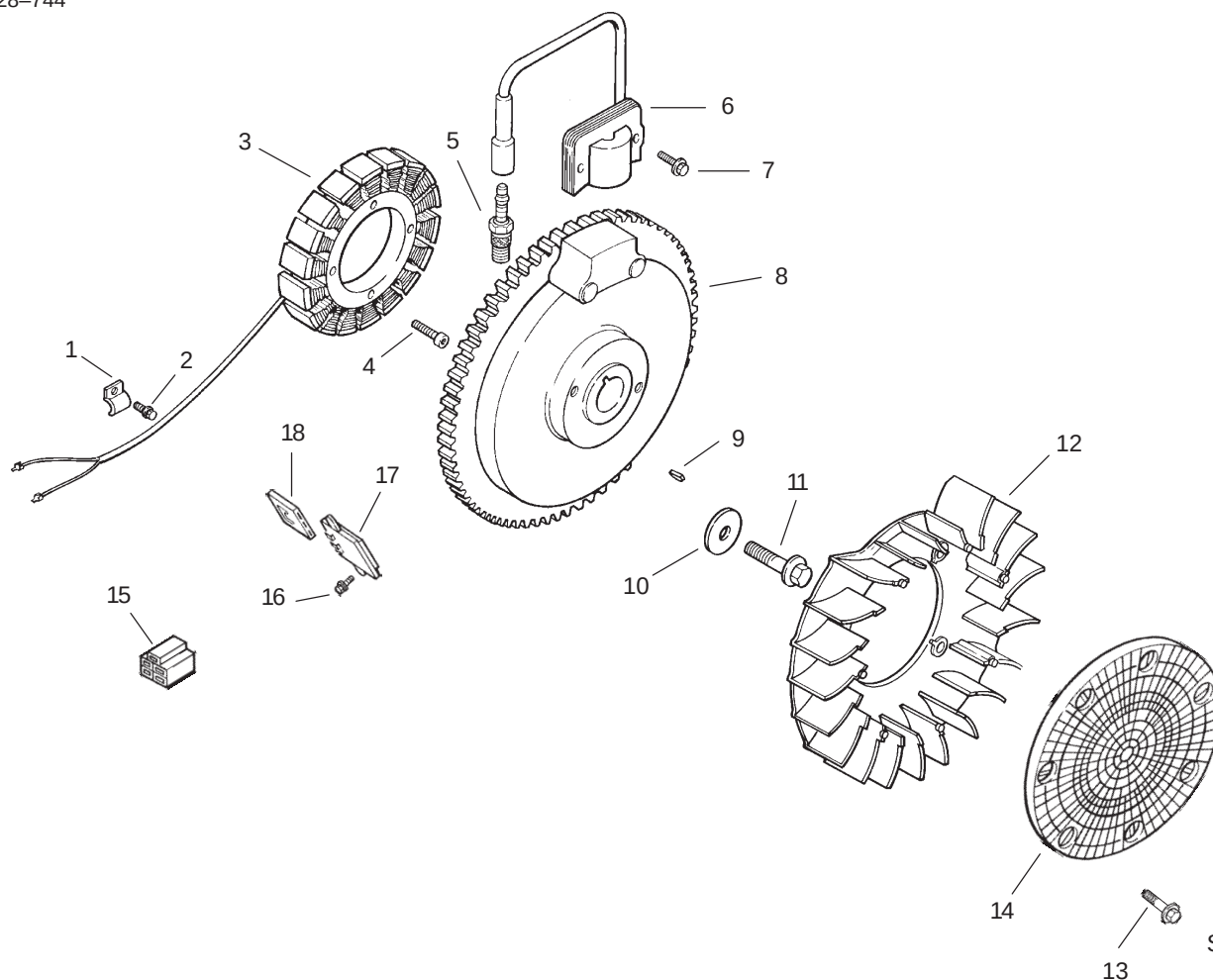


Sheet No.:

Head/Valve/Breather Assembly Kohler Model CH15S-44533

Ref. No.	Part No.	Qty.	Description
1	M-645020-S	4	Screw, hex. flange M6x1.0x20
2	M-645025-S	1	Screw, hex. flange M6x1.0x25
3	12 096 07-S	1	Cover, valve w/nipple
4	12 445 05-S	1	Strap, lifting (PTO side)
5	25 237 14-S	1	Clamp, hose
6	12 326 09-S	1	Hose, breather
7	12 755 81-S	1	Kit, cylinder head (Includes 8-23, 12 041 01 gasket (2), 12 041 02 gasket, and 12 041 03 gasket)
8	12 755 03-S	2	Kit, retainer
9	12 173 01-S	2	Cap, valve spring
10	12 089 34-S	2	Spring, valve
11	66 032 05-S	2	Seal, valve stem
12	12 468 05-S	1	Washer, plain 13/32in
13	12 112 13-S	1	Spacer, head bolt exhaust port
14	12 086 15-S	5	Screw, hex. flange M10x1.5x81
15	M-640034-S	2	Screw, hex. flange M6x1.0x34

Ref. No.	Part No.	Qty.	Description
16	12 599 03-S	2	Pivot, rocker arm
17	25 186 01-S	2	Arm, rocker
18	12 318 19-S	1	Head, cylinder
19	25 139 60-S	1	Plug, allen hd. 1/8in pipe
20	12 017 01-S	1	Valve, intake (Std.)
21	12 016 01-S	1	Valve, exhaust (Std.)
22	12 041 10-S	1	Gasket, cylinder head
23	12 411 01-S	2	Rod, push
24	25 351 01-S	2	Lifter, valve
25	12 402 02-S	1	Reed, breather
26	M-545010-S	1	Screw, hex. flange M5x0.8x10
27	12 018 01-S	1	Retainer, breather reed NOT ILLUSTRATED
	12 041 01-S	2	Gasket, carburetor
	12 041 02-S	1	Gasket, air filter
	12 041 03-S	1	Gasket, exhaust manifold
	12 017 02-S	1	Valve, intake (.25)
	12 016 02-S	1	Valve, exhaust (.25)

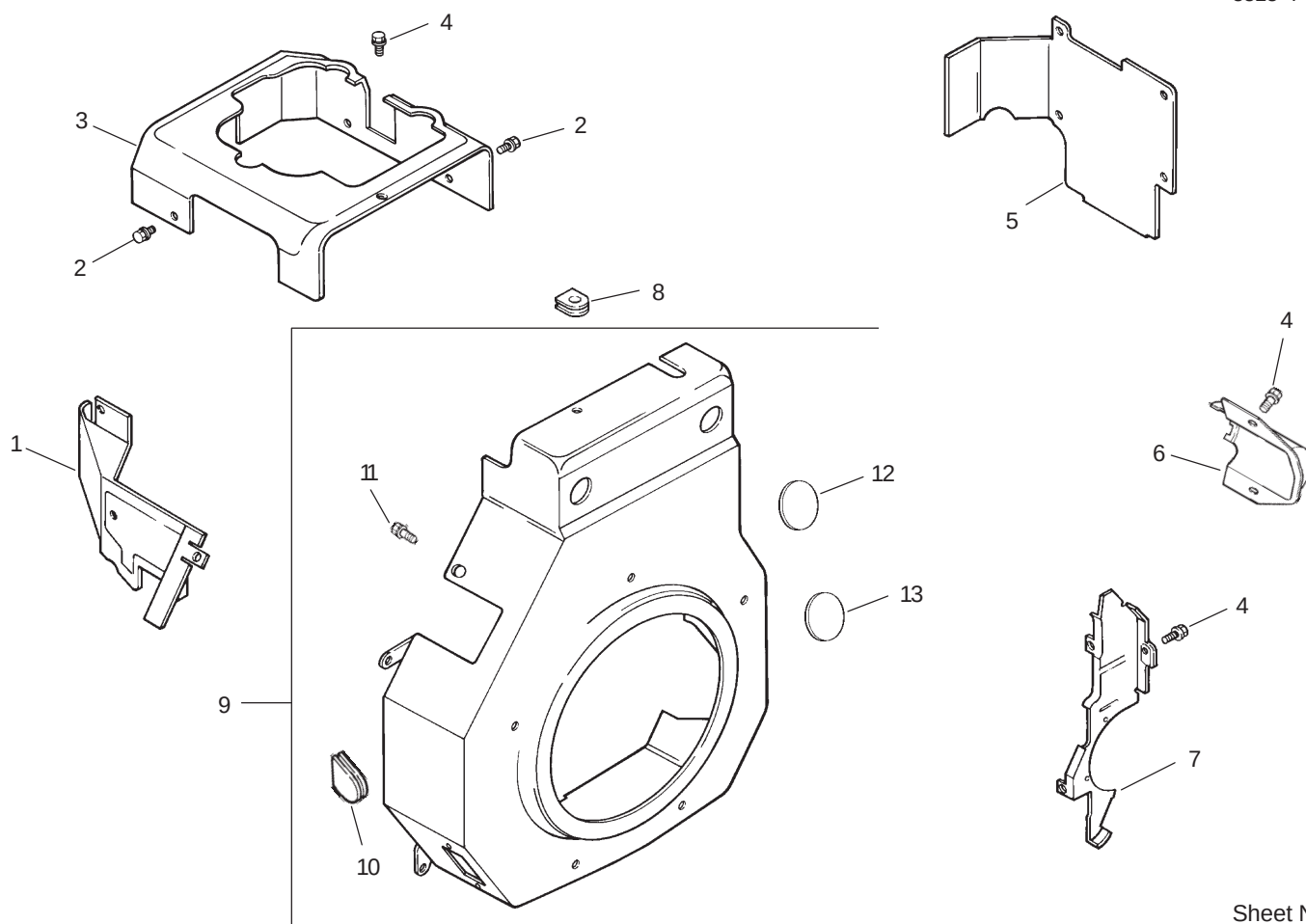


Sheet No.:

Ignition/Electrical Assembly Kohler Model CH15S-44533

Ref. No.	Part No.	Qty.	Description
1	X-728-1-S	2	Clip, cable
2	M-545010-S	2	Screw, hex. flange M5x0.8x10
3	237878-S	1	Kit, stator – 15 amp (Includes Terminal 25 452 01[qty. 2])
4	M-548025-S	2	Screw, hex. cap M5x0.8x25
5	12 132 02-S	1	Spark Plug
6	12 584 04-S	1	Module, ignition
7	M-545020-S	2	Screw, hex. flange M5x0.8x20
8	12 025 33-S	1	Flywheel
9	X-42-15-S	1	Key
10	12 468 03-S	1	Washer, plain 3/8in
11	12 086 14-S	1	Screw, hex. flange M10x1.5x46
12	12 157 06-S	1	Fan
13	25 086 47-S	4	Bolt, shoulder
14	12 162 03-S	1	Screen, grass
15	48 155 01-S	1	Connector (5 contact)
16	M-639016-S	2	Screw, hex. flange M6x1.0x16

Ref. No.	Part No.	Qty.	Description
17	41 403 09-S	1	Rectifier-regulator 15 amp
18	236602-S	1	Connector, body NOT ILLUSTRATED
	25 452 01-S	2	Terminal
	X-22-11-S	1	Washer, lock 1/4in (Used to ground rectifier-regulator)
	24 518 12-S	1	Lead, black (6in - 12 gauge - insulated grip barrel eyelet terminals)
	25 518 05-S	1	Lead, rectifier-regulator
	12 518 01-S	1	Lead, white, ground toinsulated push on tab terminals)

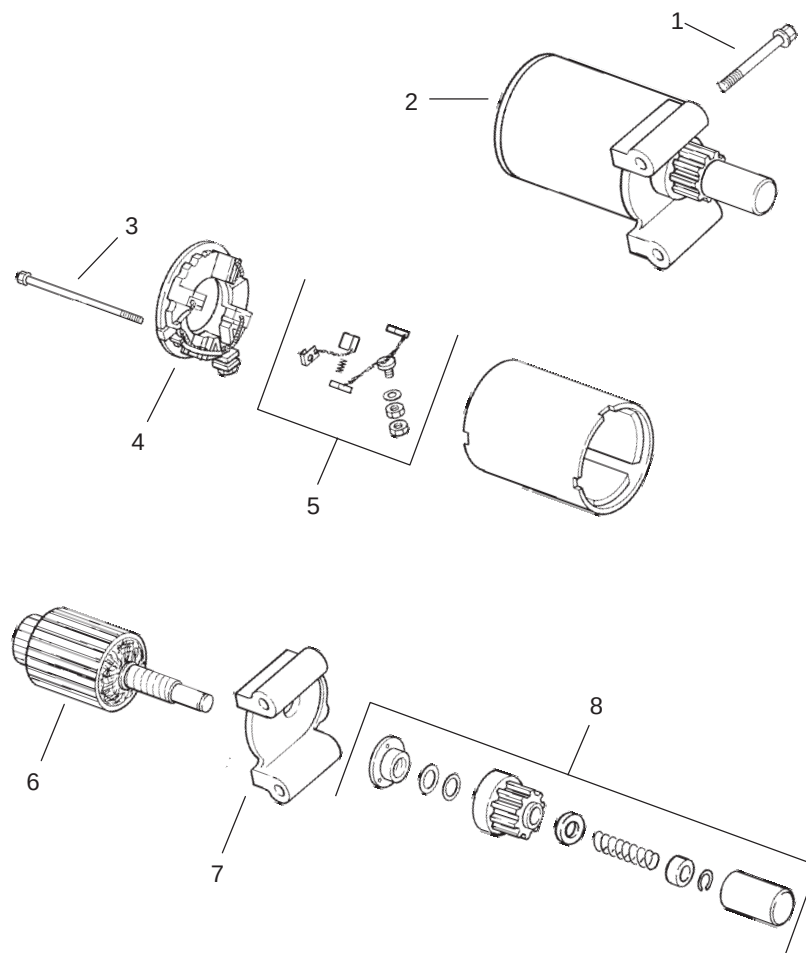


Sheet No.:

Blower Housing Assembly Kohler Model CH15S-44533

Ref. No.	Part No.	Qty.	Description
1	12 063 10-S	1	Baffle, intake side
2	M-545010-S	9	Screw, hex. flange M5x0.8x10
3	12 063 08-S	1	Baffle, cylinder head
4	M-550010-S	7	Screw, hex. flange M5x0.8x10
5	12 063 19-S	1	Baffle, cylinder
6	12 096 39-S	1	Cover, starter
7	12 146 07-S	1	Plate, blower housing
8	12 313 03-S	1	Grommet, blower housing
9	12 027 72-S	1	Kit, blower housing (Includes 10-13)
10	12 313 05-S	2	Grommet
11	M-545010-S	2	Screw, hex. flange M5x0.8x10
12	25 139 16-S	2	Plug, button 9/16in
13	25 139 17-S	1	Plug, button 1/2in NOT ILLUSTRATED
	12 146 21-S	1	Decal, 15 HP

Ref. No.	Part No.	Qty.	Description



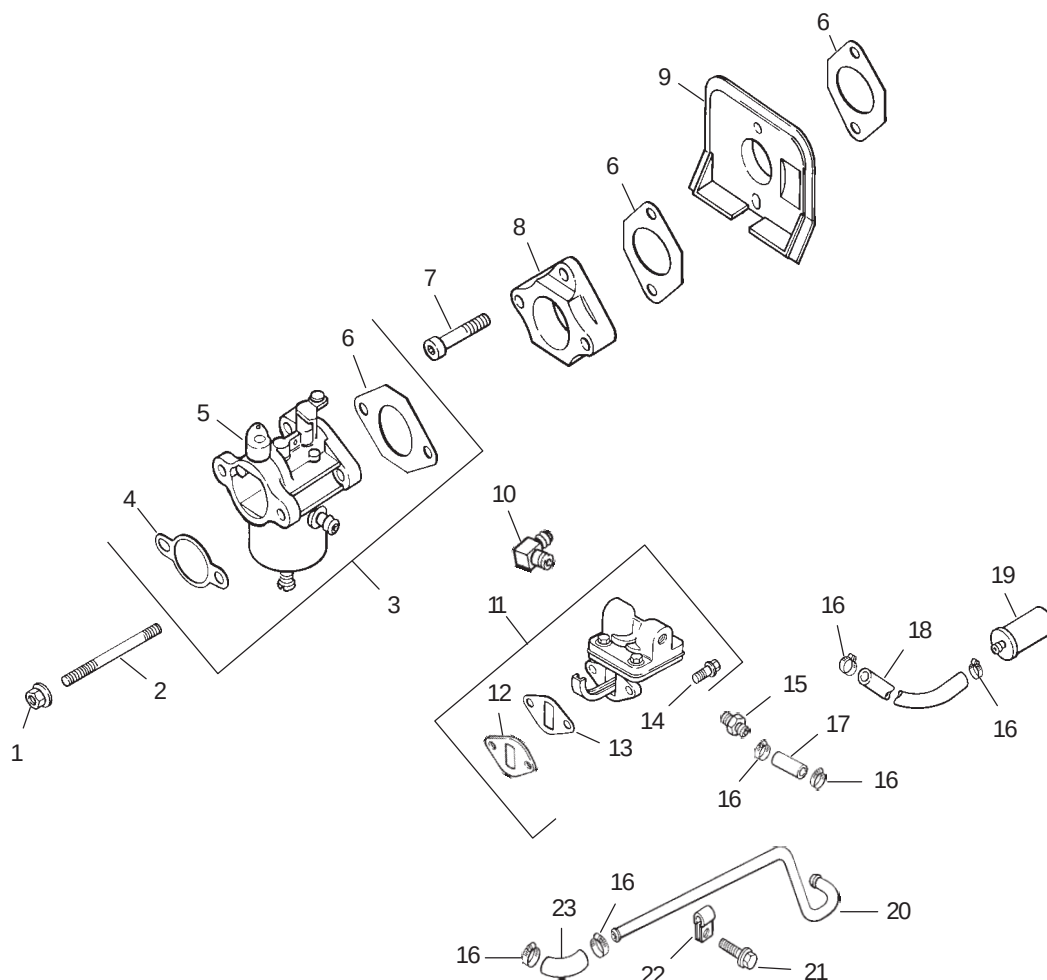
Sheet No.:

Starter Assembly

Kohler Model CH15S-44533

Ref. No.	Part No.	Qty.	Description
1	M-839070-S	2	Screw, hex. flange M8x1.25x70
2	12 098 19-S	1	Starter assembly (Includes 3-8)
3	12 086 25-S	1	Screw, hex. flange 1/4-20x4-5/8in
4	12 227 10-S	1	Cap, commutator end
5	82 755 28-S	1	Kit, brush & spring
6	45 170 03-S	1	Armature assembly
7	12 227 16-S	1	Cap, drive end
8	12 755 53-S	1	Kit, drive

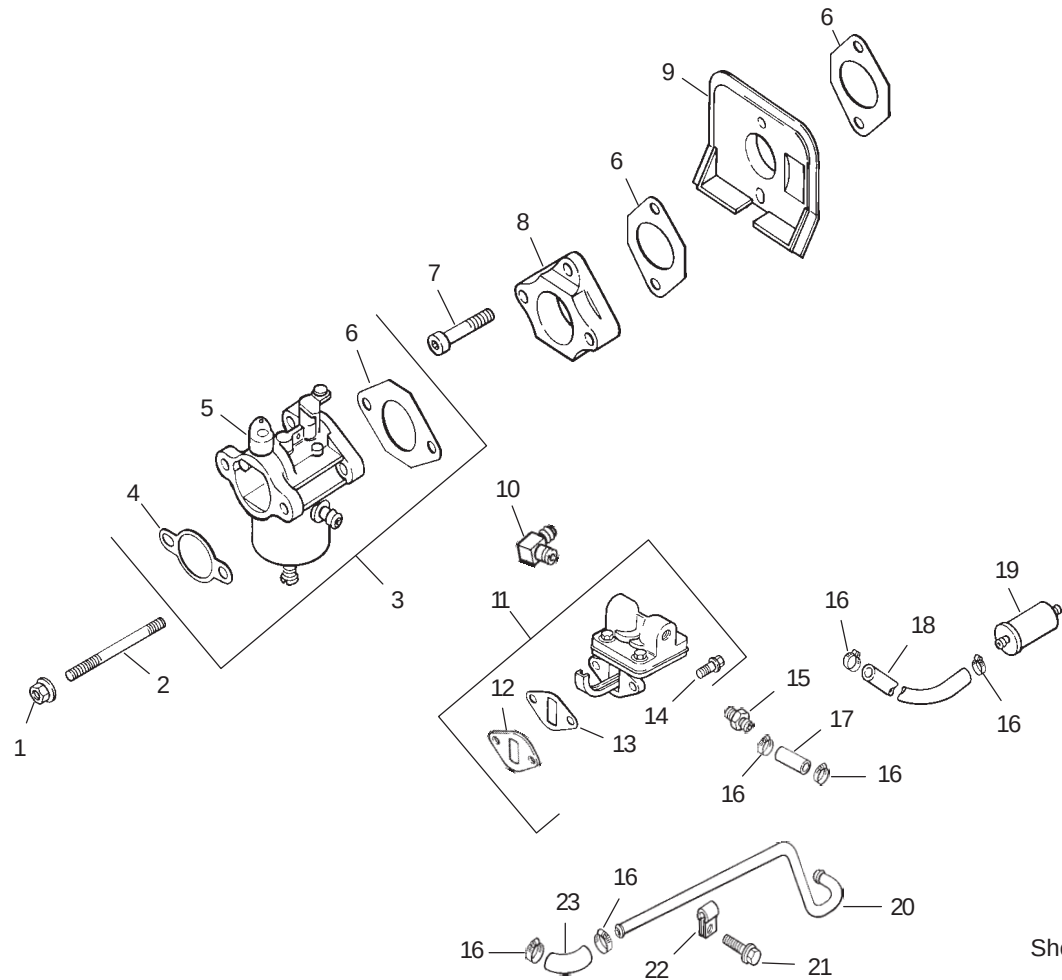
Ref. No.	Part No.	Qty.	Description



Sheet No.:

Fuel System Assembly Kohler Model CH15S-44533

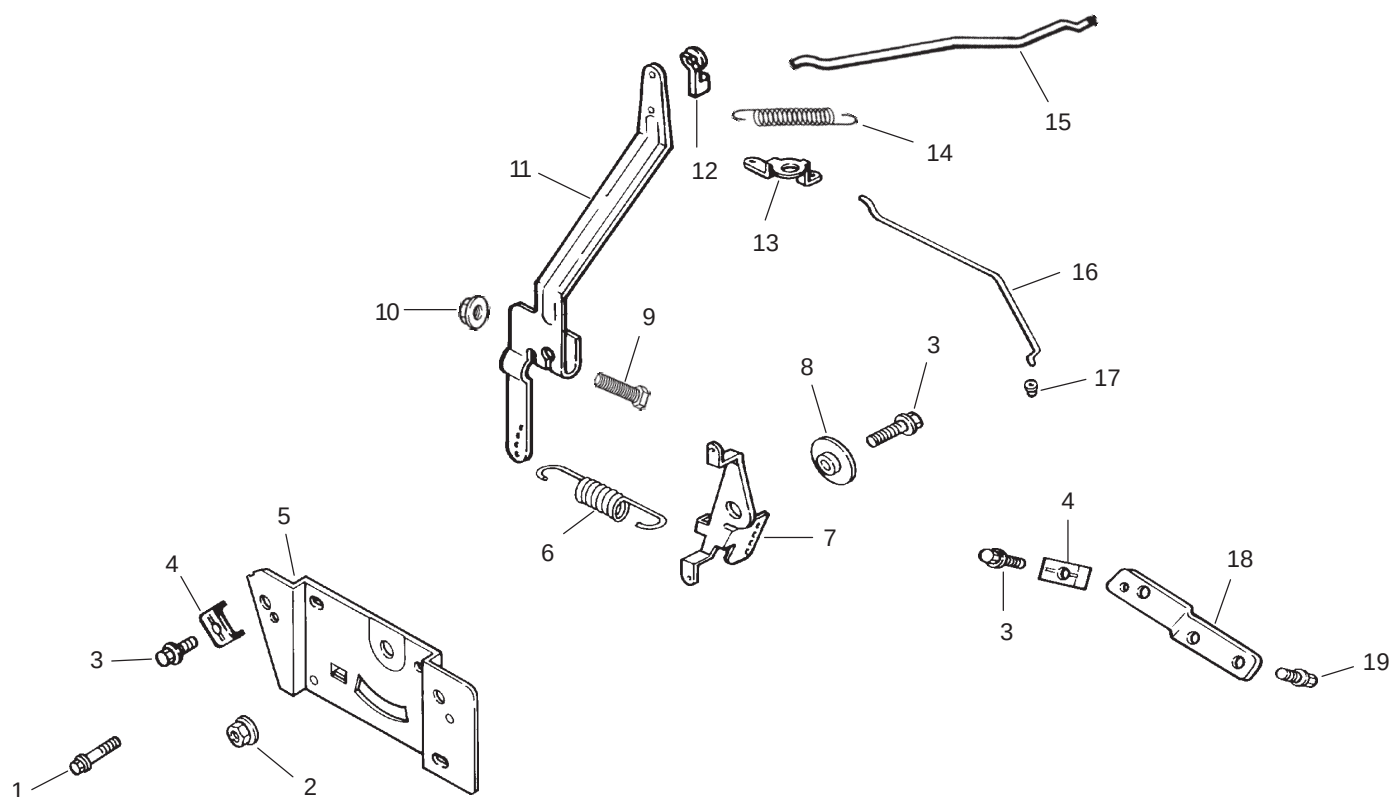
Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	M-641060-S	2	Nut, hex. flange M6x1.0	12	12 112 05-S	1	Spacer, fuel pump
2	M-629116-S	2	Stud M6x1.0x116	13	25 041 09-S	2	Gasket, fuel pump
3	12 853 75-S	1	Kit, carburetor w/gaskets (Includes 4-6 [qty 1])	14	M-645020-S	2	Screw, hex. flange M6x1.0x20
4	12 041 02-S	1	Gasket, air cleaner base	15	25 326 03-S	1	Connector, hose
5	12 053 75	1	Carburetor assembly (For information only not available separately) (Service with Kits 12 757 27-S, 12 757 29-S, and 12 757 31-S)	16	25 237 14-S	6	Clamp, hose
6	12 041 01-S	3	Gasket, carburetor	17	12 353 01-S	1	Line, fuel 1-1/4in
7	M-644035-S	2	Screw, hex. socket cap M6x1.0x35	18	25 353 02-S	1	Line, fuel 3-1/2in
8	12 029 04-S	1	Adapter, carburetor	19	25 050 02-S	1	Filter, fuel
9	12 265 04-S	1	Deflector, heat	20	12 353 11-S	1	Line, fuel - metal
10	25 155 02-S	1	Connector	21	M-545010-S	1	Screw, hex. flange M5x0.8x10
11	12 559 01-S	1	Pump assembly, fuel (Includes 12-14)	22	X-728-1-S	1	Clip
				23	12 353 07-S	1	Line, fuel 90(elbow NOT ILLUSTRATED
					12 757 27-S	1	Kit, carburetor overhaul w/gaskets (Includes carburetor gasket, air filter base gasket, throttle adjust screw, gasket, float assembly, float pin, float valve, chamber set plug, float chamber gasket,



Sheet No.:

Fuel System Assembly (continued)
Kohler Model CH15S-44533

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
	12 757 29-S	1	welch plug, & throttle adjust screw spring)				
			Kit, choke repair				
			(Includes carburetor gasket, air filter base gasket, valve set screw, E-clip, choke valve, choke return spring, choke lever cap, & choke shaft)				
	12 757 31-S	1	Kit, gasket replacement				
			(Includes carburetor gasket, air filter base gasket, gasket, & float chamber gasket)				

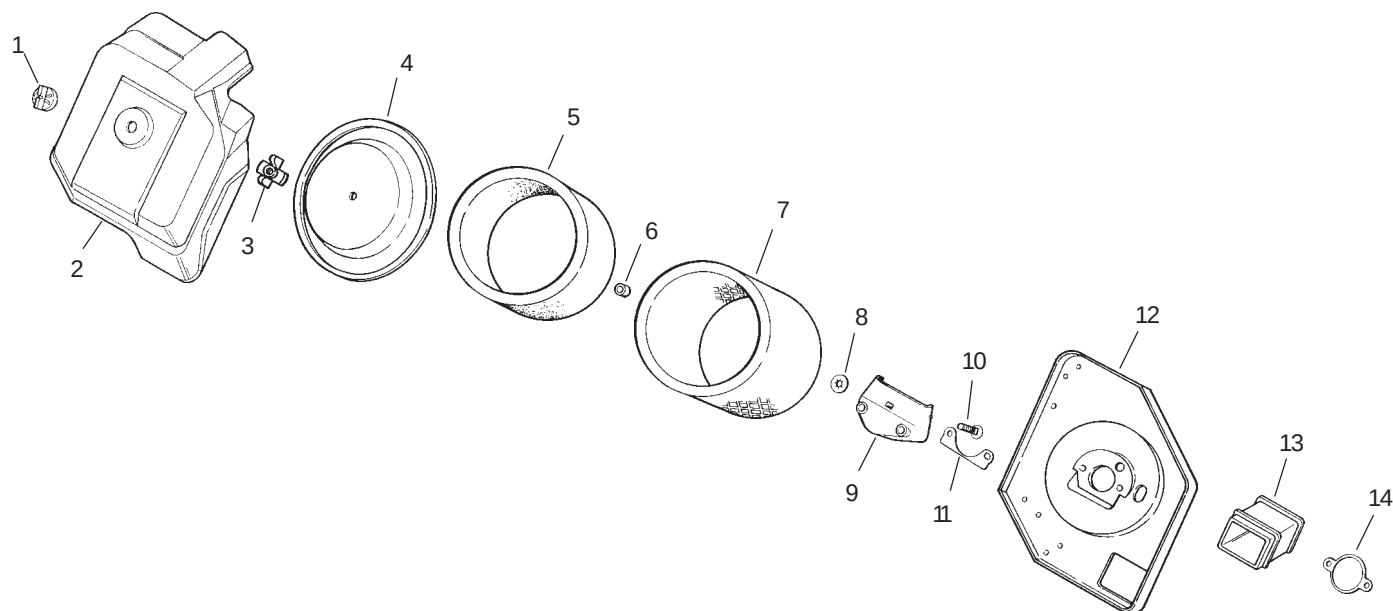


Sheet No.:

Engine Control Assembly Kohler Model CH15S-44533

Ref. No.	Part No.	Qty.	Description
1	M-664020-S	2	Screw, lobed socket M6x1.0x20
2	M-541050-S	1	Nut, hex. flange M5x0.8
3	M-545016-S	4	Screw, hex. flange M5x0.8x16
4	12 237 01-S	3	Clamp, cable
5	12 146 05-S	1	Plate, control
6	12 089 17-S	1	Spring, governor
7	12 090 13-S	1	Lever, throttle – inner
8	12 112 07-S	1	Spacer, control assembly
9	M-642025-S	1	Screw, hex. flange M6x1.0x25
10	M-641060-S	1	Nut, hex. flange M6x1.0
11	12 090 19-S	1	Lever, governor
12	25 158 11-S	1	Bushing, throttle linkage
13	12 090 14-S	1	Lever, choke – upper
14	230117-S	1	Spring, linkage
15	12 079 04-S	1	Linkage, throttle
16	12 079 08-S	1	Linkage, choke – upper
17	25 158 08-S	1	Bushing, linkage

Ref. No.	Part No.	Qty.	Description
18	12 126 15-S	1	Bracket, choke mount
19	M-545010-S	3	Screw, hex. flange M5x0.8x10

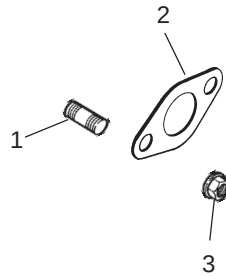


Sheet No.:

Air Intake/Filtration Assembly
KohlerModel 44533

Ref. No.	Part No.	Qty.	Description
1	25 341 03-S	1	Knob, air cleaner cover
2	12 096 41-S	1	Cover, air cleaner base
3	12 100 08-S	1	Wing Nut
4	12 096 37-S	1	Cover, air cleaner element
5	52 083 01-S	1	Precleaner, element
6	24 032 03-S	1	Seal, inner air cleaner
7	47 083 01-S	1	Element, air cleaner
8	12 018 04-S	1	Retainer, ring
9	12 109 08-S	1	Cup, fuel spit-back
10	12 211 02-S	1	Bolt, round hd. square neck
11	12 041 09-S	1	Gasket, collector plate
12	12 094 06-S	1	Base, air cleaner
13	12 123 07-S	1	Tube, air intake
14	12 041 02-S	1	Gasket, air cleaner

Ref. No.	Part No.	Qty.	Description



Sheet No.:

Exhaust Assembly Kohler Model CH15S-44533

Ref. No.	Part No.	Qty.	Description
1	25 072 04-S	2	Stud, M8x1.25x33
2	12 041 03-S	1	Gasket, exhaust manifold
3	M-841080-S	1	Nut, hex. flange M8x1.25 NOT ILLUSTRATED
	12 454 03-S	1	Tie, cable
	12 755 93-S	1	Gasket Set

