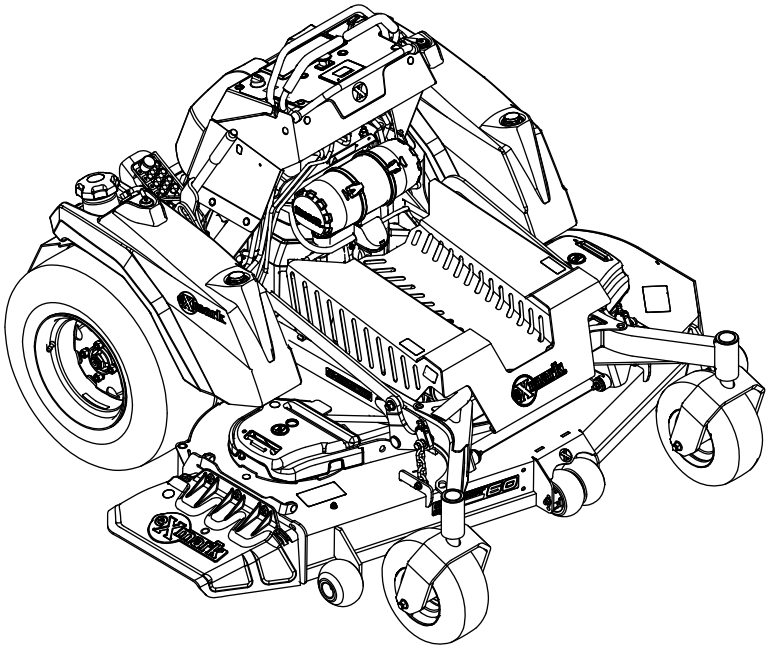
STARIS® S-SERIES

Model No. STS650AKC48400—Serial No. 406294345 and Up

Picture below may not reflect actual product.



Parts Manual

Part No. 4504-821 Rev. A

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.

Touch Up Paint

Exmark black touch up spray paint – gloss black.

Exmark red touch up paint (spray paint – P/N 1-850337 - .6 oz liquid bottle – P/N 103-9140).

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Beatrice, NE 68310

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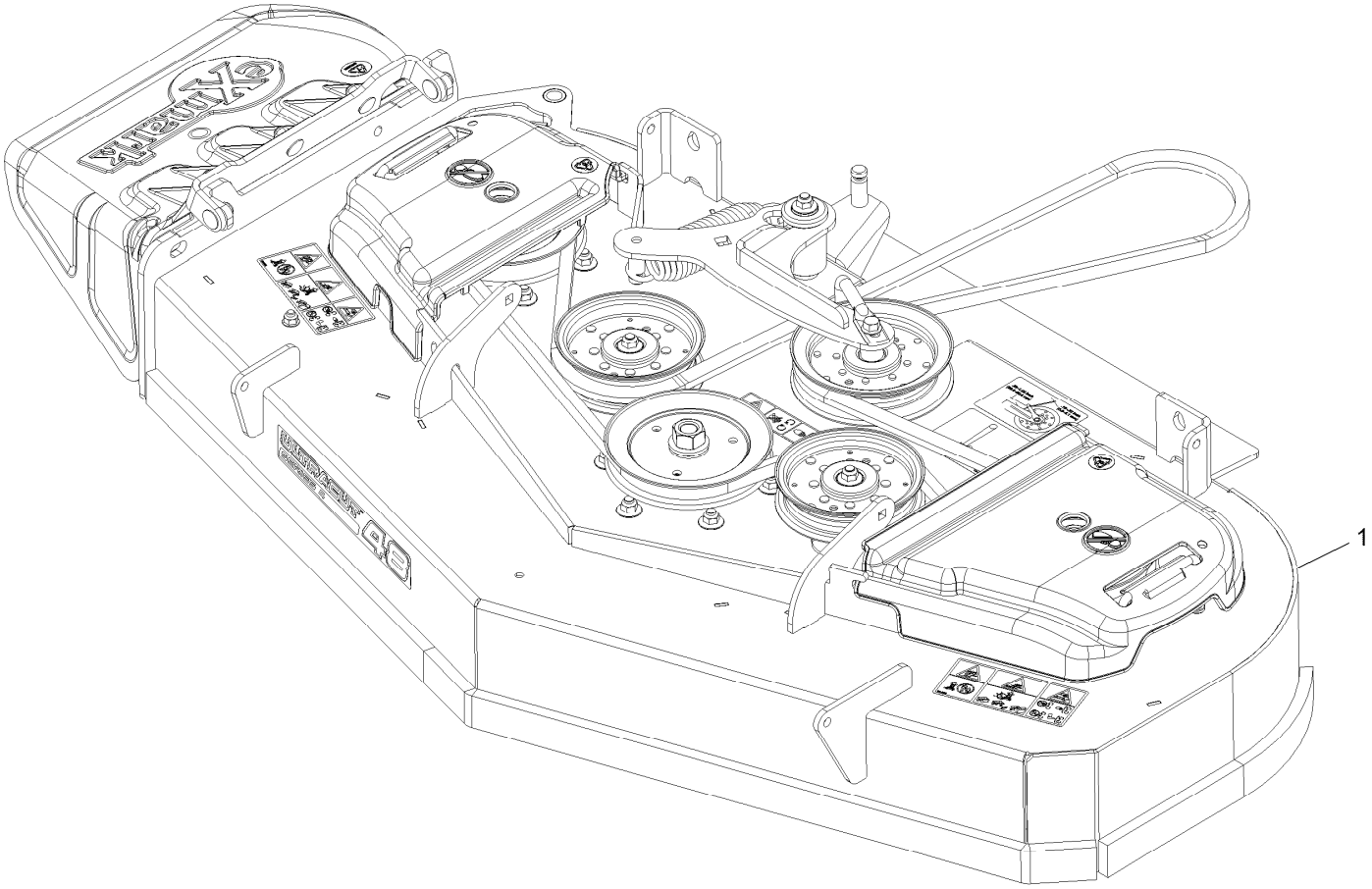


If your Exmark dealer does not have the Exmark part in stock, Exmark will get the parts to the dealer the next business day or the part will be FREE Guaranteed!! (Some restrictions apply. See your participating Exmark Dealer for details.)

Contents

Complete Deck Assembly 4
Deck Assembly 6
Deck W/Decals Assembly 8
Idler Arm Assembly 10
Main Frame Assembly 12
Controls Assembly 14
Deck Lift Assembly 16
Deck Strut Assembly 18
Height of Cut Lever Assembly 20
Platform Assembly 22
Guarding Assembly 24
Drive Wheel Assembly 26
Caster Wheel Assembly 28
Park Brake Assembly 30
Engine Assembly 32
Fuel Assembly 34
Left and Right Fuel Tank Assembly 36
Left Fuel Line Assembly 38
Right Fuel Line Assembly 40
Fuel Line Assembly 42
Hydraulic Assembly 44
Idler Arm Assembly 46
Electrical Assembly 48
Harness Assembly 50

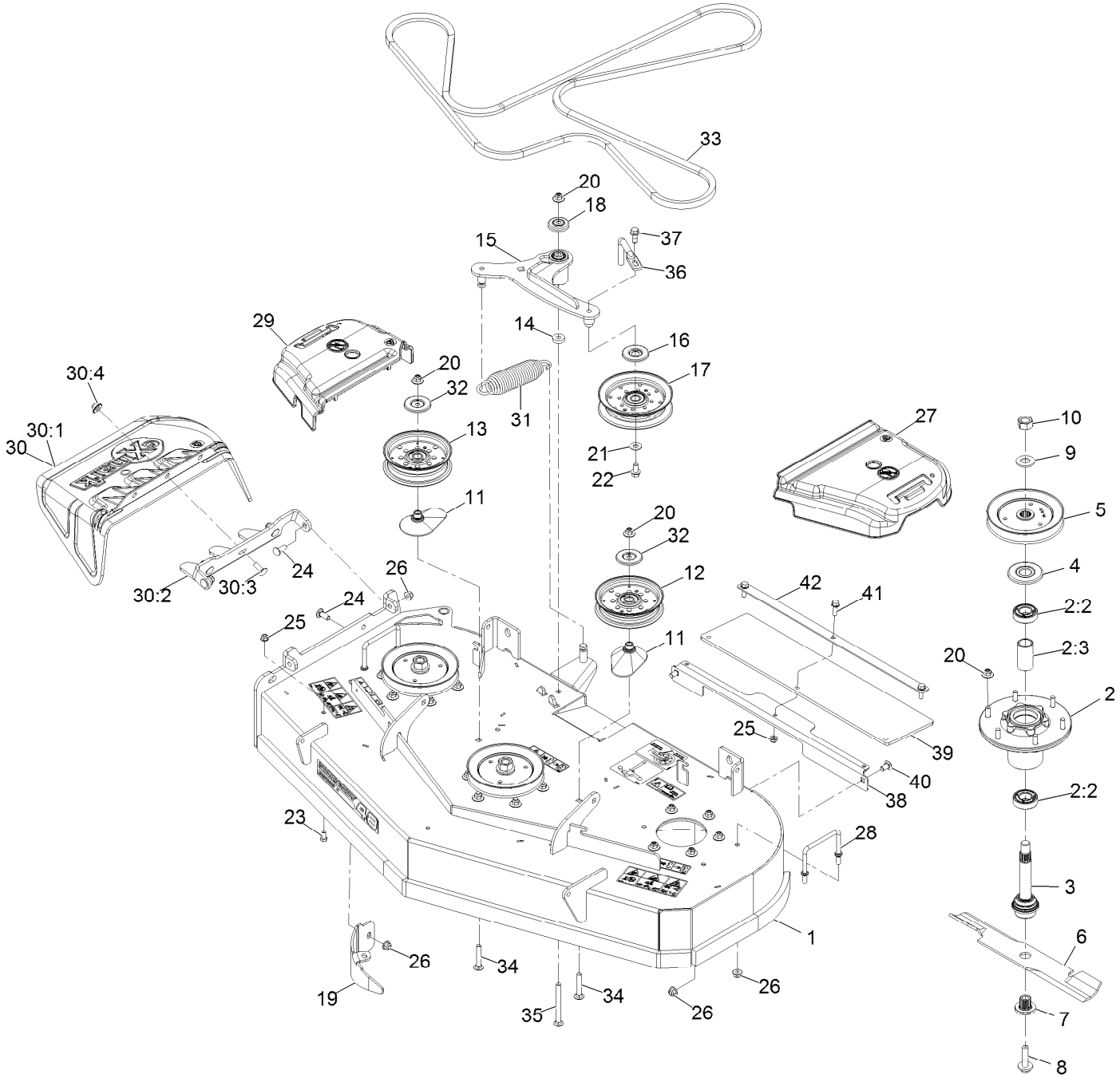
Complete Deck Assembly



Complete Deck Assembly (continued)

Ref.	*Part Number*	*Qty.*	*Description*
1	135-6668	1	ASM, Complete Deck, 484

Deck Assembly



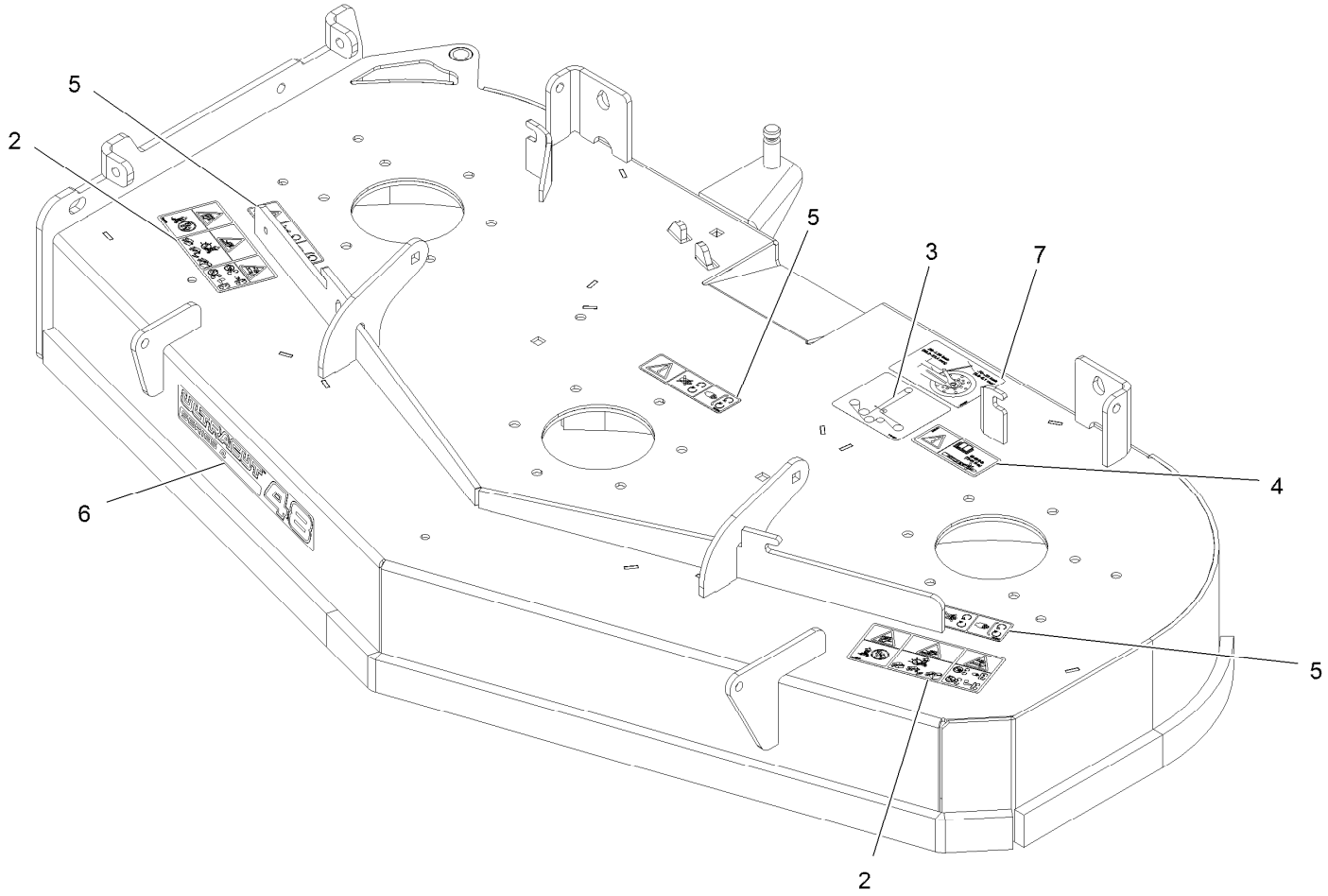
Deck Assembly (continued)

Ref.	Part Number	Qty.	Description
1	135-1996	1	ASM, Deck W/ Decals, 48"
2	116-3344	3	ASM-Cutter Hsg With Bearings
2:2	116-0720	2	Bearing-Ball
2:3	116-3312	1	Spacer-Bearing
3	116-3341	3	ASM-Spindle And Seal
4	116-1286	3	Guard,Bearing Top .989
5	116-0674	3	Sheave,Blade Drive 5.90
6	103-6391	3	Blade, Mulching ■
6	103-6386	3	Blade, Low Lift ●
6	103-6381	3	Blade, Solid ●
6	103-6401	3	Blade-Notched
6	116-5177	3	Blade-Extreme 2, 16.25" ●
7	103-3037	3	Bushing, Splined
8	109-9220	3	Screw-Sems 1/2-20 X 2.19
9	103-2802	3	Washer-Spring Disc 3/4
10	116-7306	3	Nut-Hex
11	109-2872	2	Spacer-Pulley
12	126-9187	1	Pulley-Idler, Flat
13	126-9197	1	Idler-Pulley, Flat 5.00X1.31
14	62-6660	1	Spacer
15	135-1937	1	ASM, Deck Idler
16	126-9195	1	Shield-Guard, Dust
17	126-9196	1	Idler-Pulley, Flat
18	103-2916	1	Guard-Top
19	116-5995-01	1	Baffle-Dogleg,Lzs Lzx Vt48
20	109-6658	21	Nut-Nyloc 3/8-16 Flg
21	3256-4	1	Washer-3/8 Std
22	110-1718	1	Screw-Hex Flange 3/8-16 X 3/4
23	322-2	1	Screw-HH 5/16-18 X 5/8
24	3231-22	3	Bolt-Carriage 3/8-16 X 1
25	104-8300	4	Nut-Nyloc 5/16-18 Flg
26	104-8301	9	Nut-Nyloc 3/8-16 Flg
27	109-6936	1	Cover-Belt, LH
28	109-6982	2	Wireform-Cover
29	109-6935	1	Cover-Belt, RH
30	109-7188	1	ASM,Discharge Chute
30:1	109-2738	1	Chute, Discharge
30:2	109-8675-01	1	Bracket,Discharge Chute
30:3	3231-22	3	Bolt-Carriage 3/8-16 X 1
30:4	109-6658	3	Nut-Nyloc 3/8-16 Flg
31	116-6317	1	Spring-Extension
32	126-8043	2	Shield-Dust
33	135-1998	1	Belt, 5V
34	3231-7	2	Bolt-Carriage 3/8-16 X 2 1/4
35	3231-37	1	Bolt-Carriage 3/8-16 X 4
36	135-5023	1	Guide, Belt
37	126-1680	1	Screw-Hfh
38	135-6287-03	1	Brkt, Heat Deflector
39	135-6358	1	Shield, Heat
40	3231-21	2	Bolt-Carriage 3/8-16 X 3/4
41	3234-29	3	Screw-HH Flg 5/16-18 X 1
42	135-7122-03	1	Brkt-Heat Deflector, Top

● Optional Equipment

■ Requires installation of mulch kit for proper mulching. See your Exmark dealer for details.

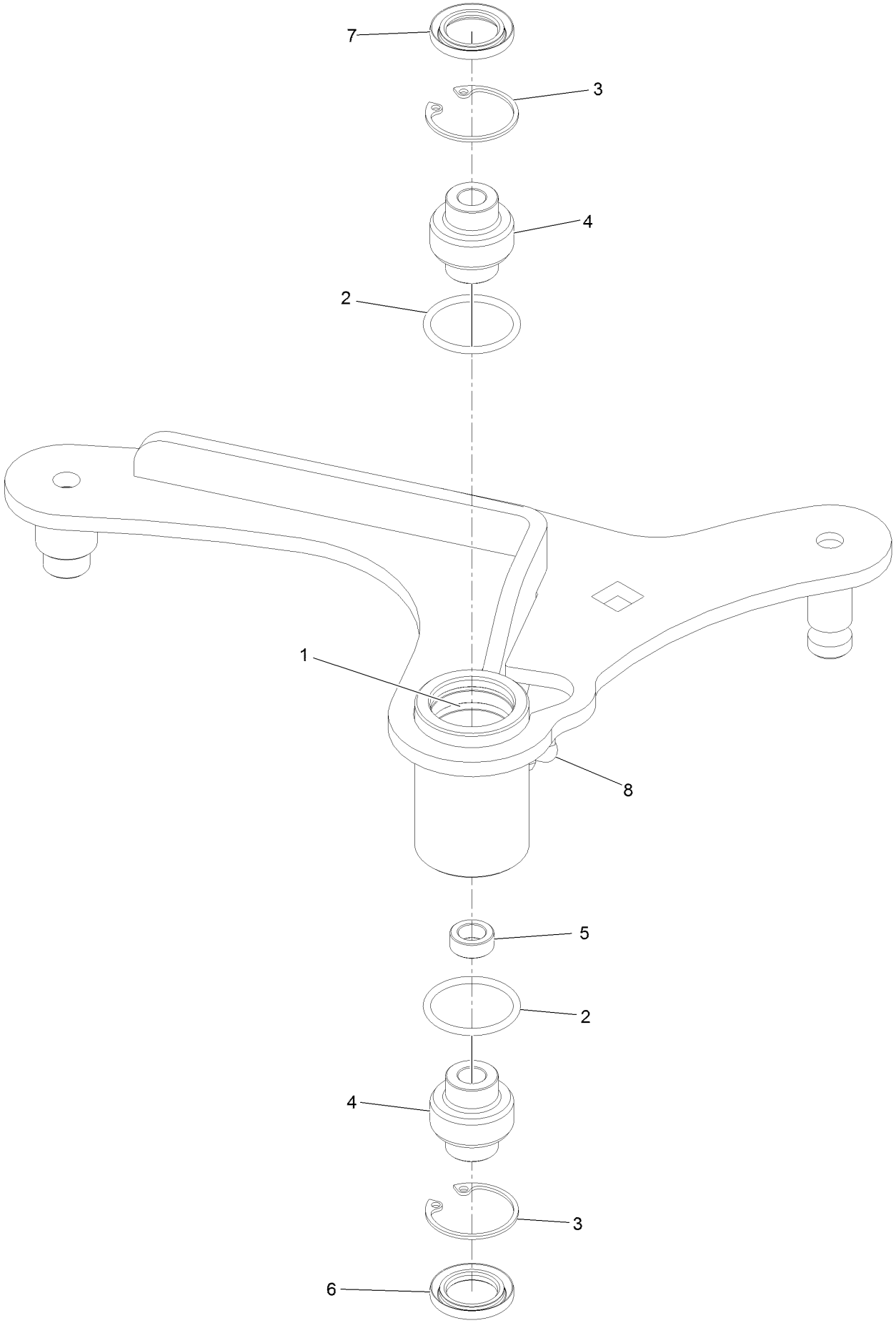
Deck W/Decals Assembly



Deck W/Decals Assembly (continued)

Ref.	Part Number	Qty.	Description
2	135-5210	2	Decal-Warning Thrown Obj
3	116-8727	1	Decal-Belt Routing
4	116-8283	1	Decal-Torque, Bolt
5	112-9028	3	Decal-Cover, Missing
6	126-6587	1	Decal, 484
7	142-3157	1	Decal-Belt Guide Dist

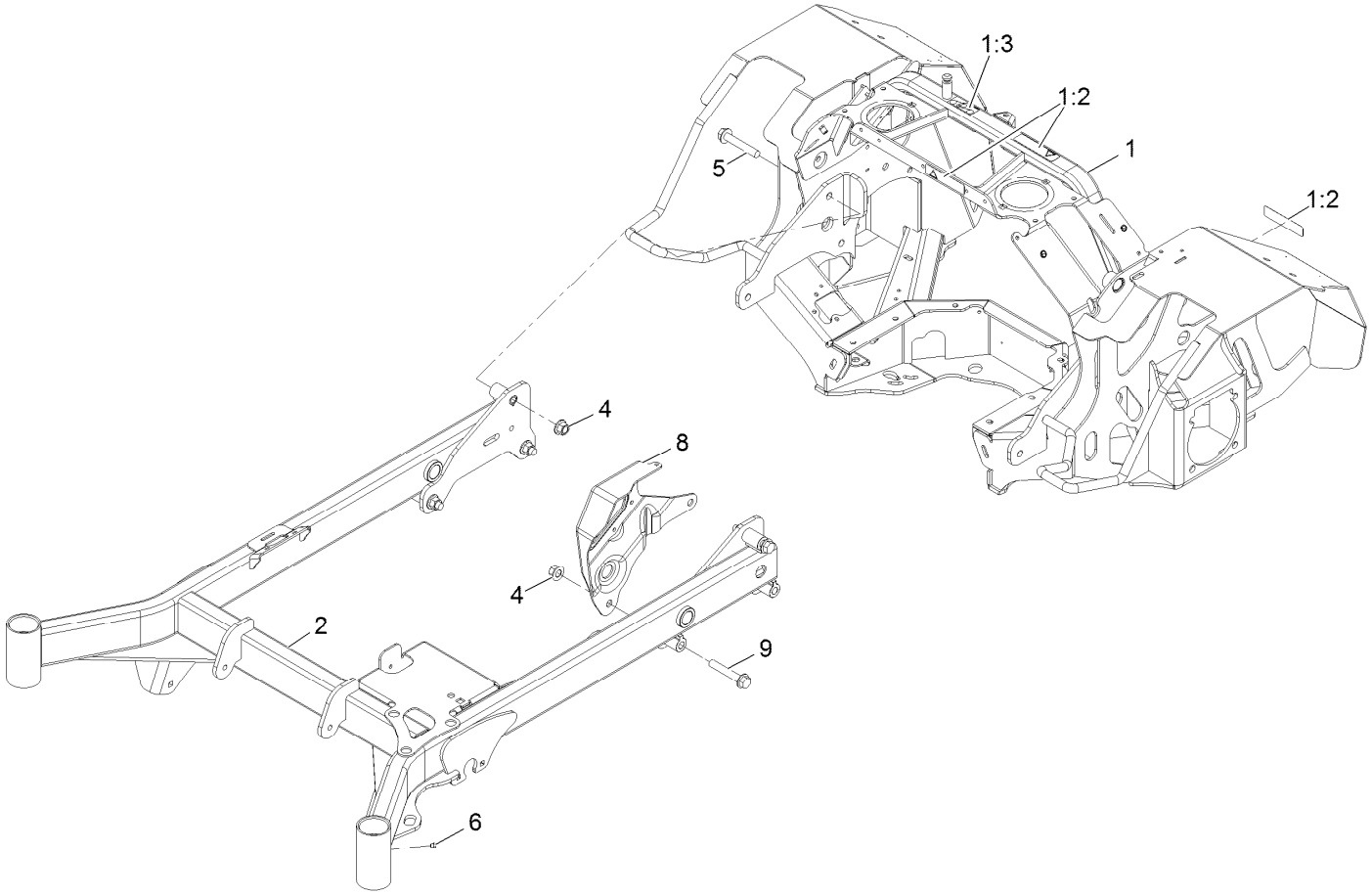
Idler Arm Assembly



Idler Arm Assembly (continued)

Ref.	Part Number	Qty.	Description
1	135-1936-03	1	Weld, Idler Arm
2	106-7159	2	O-Ring
3	32120-10	2	Ring-Retaining
4	103-3504	2	Bearing-Spherical
5	103-5677	1	Spacer
6	103-3505	1	Seal-Lip, Double
7	103-3506	1	Seal-Single Lip
8	302-40	1	Zerk-90° 1/4-28

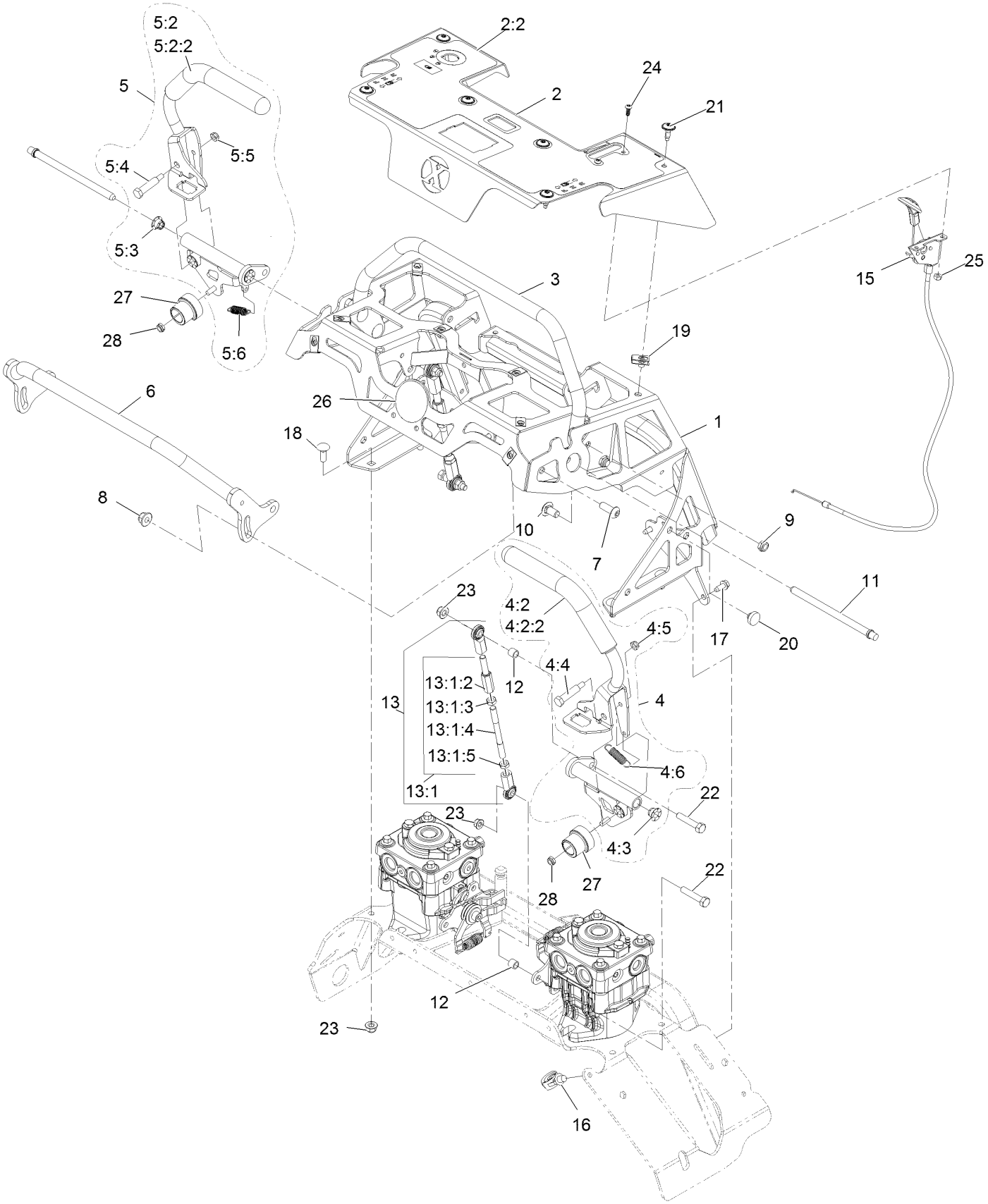
Main Frame Assembly



Main Frame Assembly (continued)

Ref.	Part Number	Qty.	Description
1	142-2409	1	ASM, Rear Frame W/ Decals
1:2	98-1977	3	Decal-Warning
1:3	135-2267	1	Decal-Belt Routing HYD
2	135-1176-01	1	Weld, Front Frame, 48/52
4	99-5107	6	Nut-Lock 1/2-13
5	3234-40	4	Screw-HF
6	1-811010	2	Plug
8	135-6756-03	1	Weld, Fuel Module
9	135-7112	2	Screw-HHF

Controls Assembly

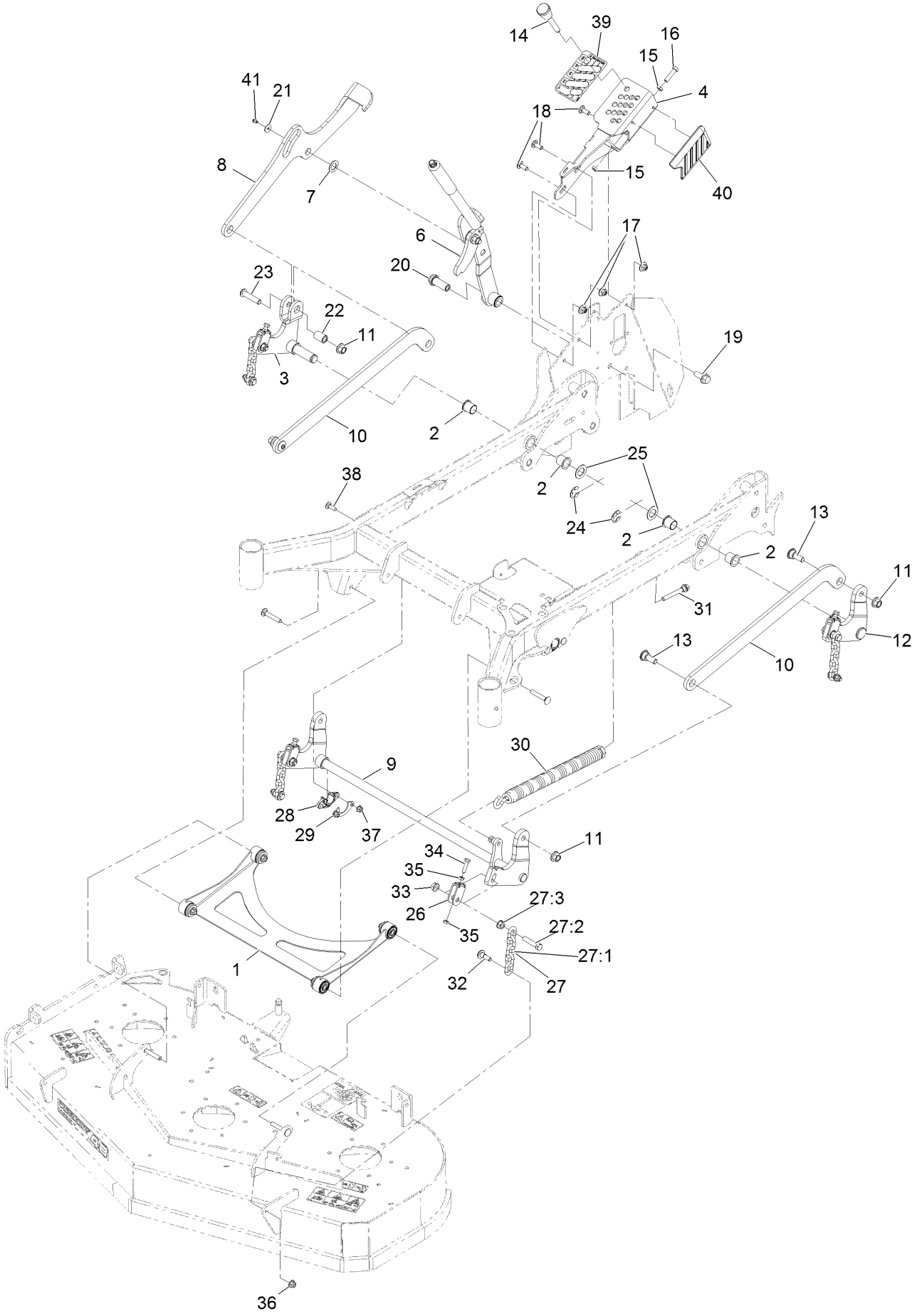


Controls Assembly (continued)

Ref.	Part Number	Qty.	Description
1	135-4142	1	ASM, Control Tower W/ Decal
2	142-2418	1	ASM, Control Panel W/ Decal
2:2	135-6772	1	Decal-Control Panel EFI
3	135-3430-03	1	Weld, Rear Ref Bar
4	135-1304	1	ASM, Motion Control, Lt
4:2	135-2546	1	ASM, Lt Control Lever W/ Grip
4:2:2	135-3301	1	Grip, Drive Lever
4:3	135-6412	4	Bearing, Igus
4:4	121-1229	1	Bolt-Shoulder
4:5	3296-56	1	Nut-Nyloc 1/4-20 Thin
4:6	114-0249	1	Spring-Extension
5	135-1305	1	ASM, Motion Control, Rt
5:2	135-2547	1	ASM, Rt Control Lever W/ Grip
5:2:2	135-3301	1	Grip, Drive Lever
5:3	135-6412	4	Bearing, Igus
5:4	121-1229	1	Bolt-Shoulder
5:5	3296-56	1	Nut-Nyloc 1/4-20 Thin
5:6	114-0249	1	Spring-Extension
6	135-3432-03	1	Weld, Front Ref Bar
7	3274-94	2	Screw-Button Head 3/8-16 X 1
8	104-8301	2	Nut-Nyloc 3/8-16 Flg
9	3296-59	4	Nut-Nyloc 3/8-16 Thin
10	3231-21	4	Bolt-Carriage 3/8-16 X 3/4
11	135-1277	2	Pin, Pivot
12	1-633545	4	Spacer
13	135-7116	2	ASM, Linkage
13:1		1	ASM, Motion Control Link ●
13:1:2	116-4755	1	Rod-Adjustment
13:1:3	3220-16	1	Nut-Jam 3/8-24 LH
13:1:4	135-1291	1	Link, Motion Control
13:1:5	3220-3	1	Nut-Jam 3/8-24
15	135-4352	1	Cable, Throttle
16	32180-030	1	Clip-Tie
17	32144-10	4	Screw-HWH 1/4-20 X .62
18	3230-16	4	Bolt-Carriage 5/16-18 X 7/8
19	107069	8	Nut-Retainer-Panel 1/4-20
20	1-513658	2	Bumper
21	135-3494	6	Screw, Torx
22	322-8	4	Screw-HH
23	104-8300	8	Nut-Nyloc 5/16-18 Flg
24	135-3176	2	Screw, BHCS
25	3296-2	2	Nut-Nyloc #10-24
26	135-2281	1	Decal-Cover
27	126-1499	2	Cam
28	3296-56	2	Nut-Nyloc 1/4-20 Thin

● Not serviced separately

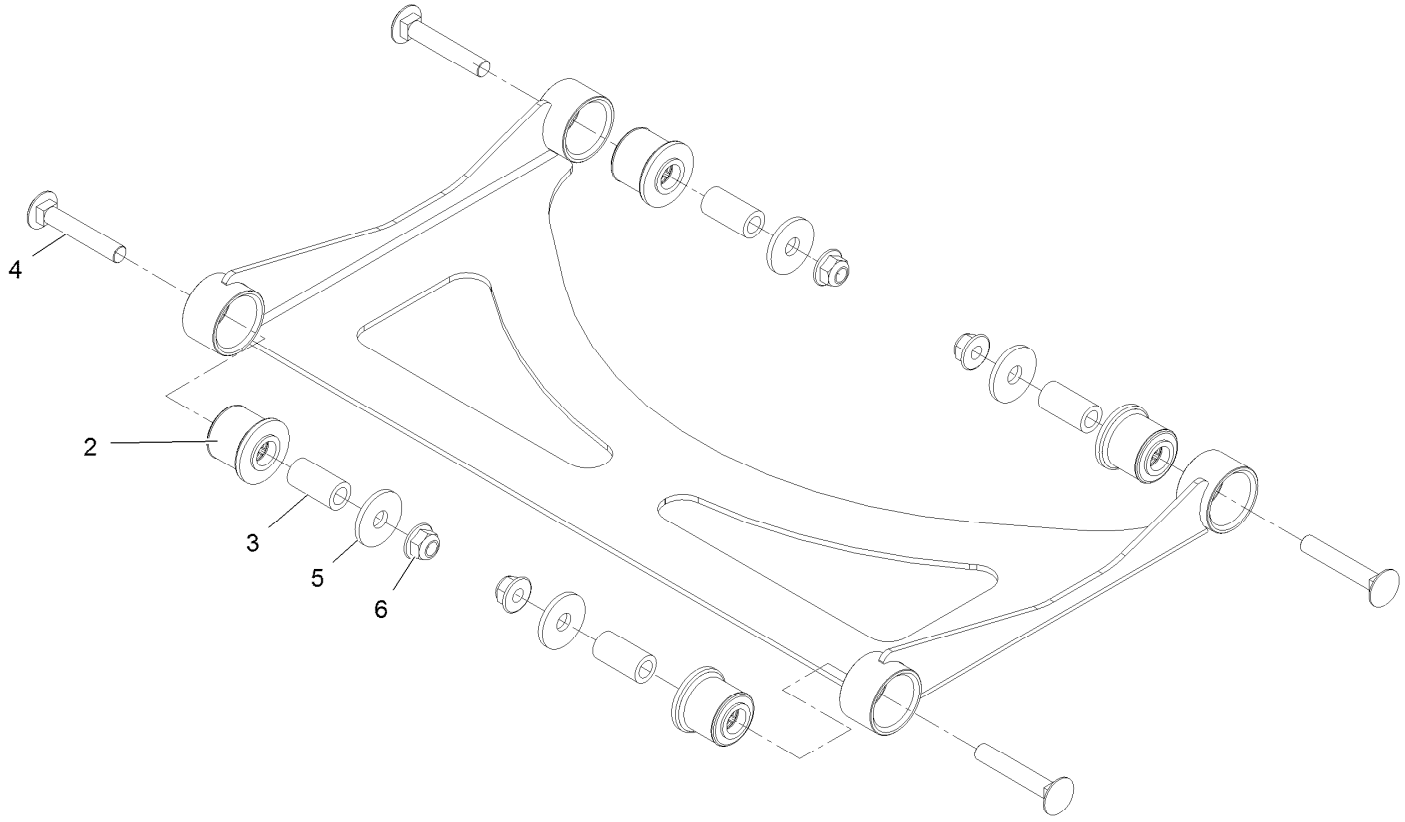
Deck Lift Assembly



Deck Lift Assembly (continued)

Ref.	Part Number	Qty.	Description
1	142-3574	1	ASM, Deck Strut
2	135-1248	4	Bushing, Igus
3	135-4586-03	1	Weld, Bellcrank, Rt
4	142-2300-03	1	Weld, HOC Index
6	135-7940	1	ASM, HOC Lever
7	119-7640	1	Washer-Thrust
8	135-7782-03	1	Strap, HOC Index
9	135-4585-03	1	Weld, HOC Cross Shaft
10	135-1253-03	2	Strap, HOC Lift
11	99-5107	4	Nut-Lock 1/2-13
12	135-4587-03	1	Weld, Bellcrank
13	135-1259	3	Bolt, Shoulder
14	126-5401	1	Pin-HOC
15	3218-3	2	Nut-Jam 3/8-16
16	323-50	1	Bolt-HH
17	109-6658	3	Nut-Nyloc 3/8-16 Flg
18	3231-22	3	Bolt-Carriage 3/8-16 X 1
19	3234-38	1	Screw-HHF
20	142-2181	1	Pivot, HOC Lever
21	3256-67	1	Washer
22	135-3944	1	Spacer, HOC
23	135-3945	1	Screw-HSBH
24	32151-103	2	E-Ring
25	119-2332	2	Washer-Flat
26	109-9066	4	Yoke-Adjust, Deck
27	116-0756	4	Deck Lift Chain ASM
27:1	1-633447	1	Chain-Lift, Deck
27:2	109-9065	1	Screw-HH 7/16-14 X 2
27:3	32128-37	1	Nut-Whizlock 7/16-14
28	115-5065	2	Bushing-Flange
29	116-2887	2	Gusset-Lift, Deck
30	116-0886	1	Spring-Extension
31	92-7674	1	Screw-Shcs 3/8-16 X 2.212
32	109-9840	4	Screw-Hex Flange 3/8-16 X .80
33	32128-37	4	Nut-Whizlock 7/16-14
34	322-47	4	Screw-HH 5/16-18 X 1 1/4
35	3218-2	8	Nut-Jam 5/16-18
36	104-8301	4	Nut-Nyloc 3/8-16 Flg
37	104-8300	4	Nut-Nyloc 5/16-18 Flg
38	3230-2	4	Bolt-Carriage 5/16-18 X 1
39	135-2280	1	Decal-Height Of Cut
40	135-5337	1	Pad, Knee
41	142-2216	1	Screw, 1/4-20 X 3/8 PH Torx

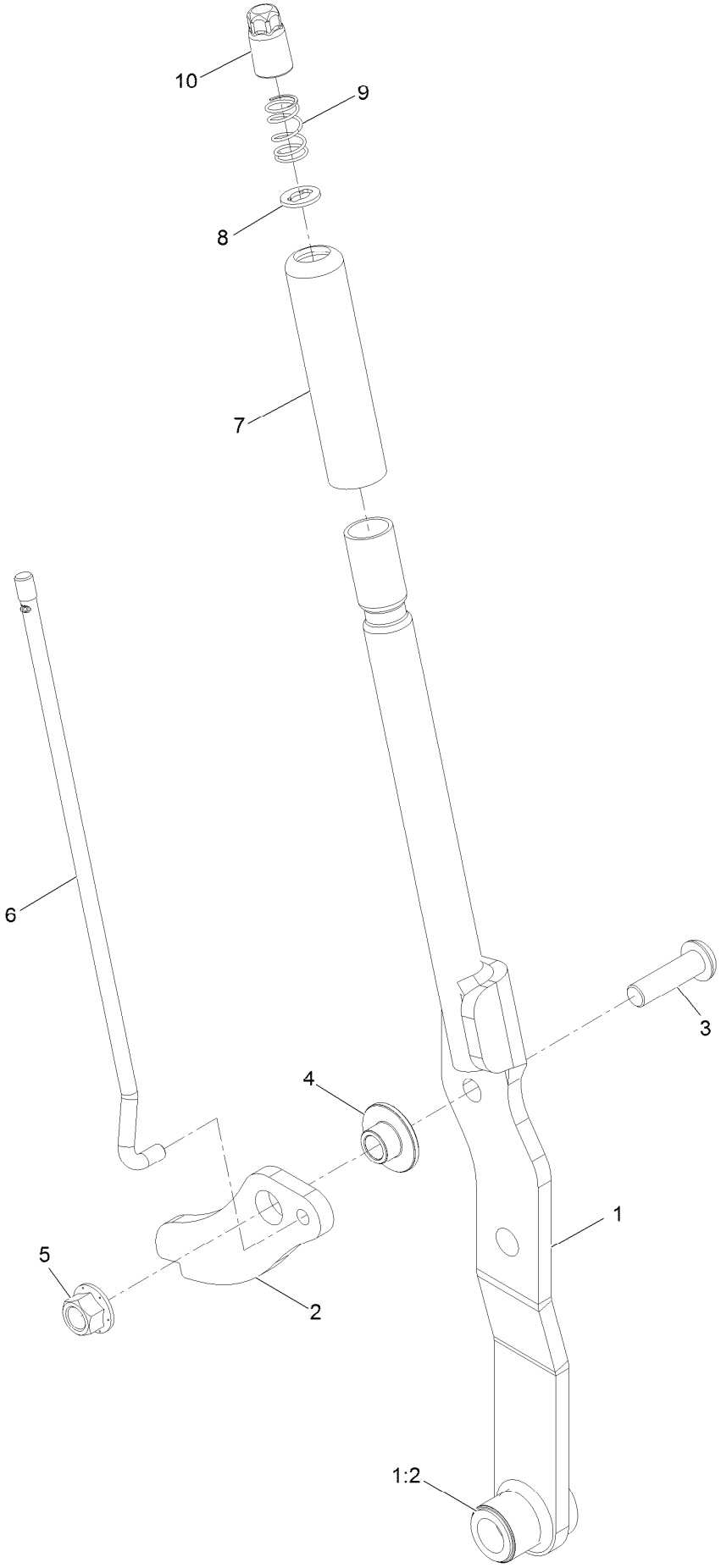
Deck Strut Assembly



Deck Strut Assembly (continued)

Ref.	Part Number	Qty.	Description
2	137-4108	4	Bushing-Rubber
3	108-6544	4	Spacer
4	3231-7	4	Bolt-Carriage 3/8-16 X 2 1/4
5	2844	4	Washer
6	104-8301	4	Nut-Nyloc 3/8-16 Flg

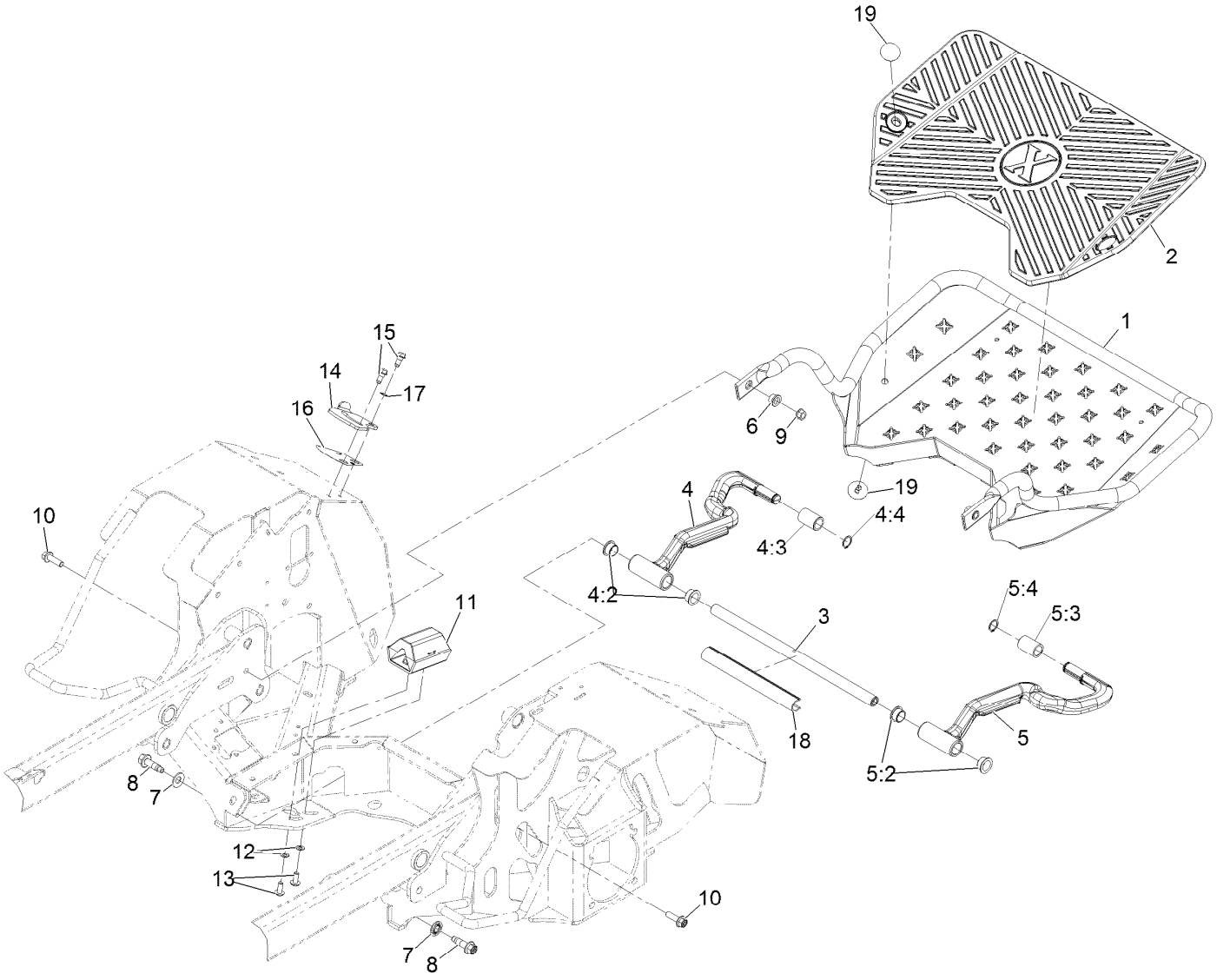
Height of Cut Lever Assembly



Height of Cut Lever Assembly (continued)

Ref.	Part Number	Qty.	Description
1	135-7939	1	ASM, HOC Lever W/ Bushings
1:2	109-8054	2	Bushing-Flanged
2	135-1209	1	Arm, Transport Lock
3	108-1993	1	Screw-HSBH
4	135-3954	1	Spacer
5	99-5107	1	Nut-Lock 1/2-13
6	135-1260	1	Linc, HOC
7	115-3592	1	Grip
8	114-1207	1	Washer-Special
9	114-8187	1	Spring-Compression
10	135-7809	1	Button, Push

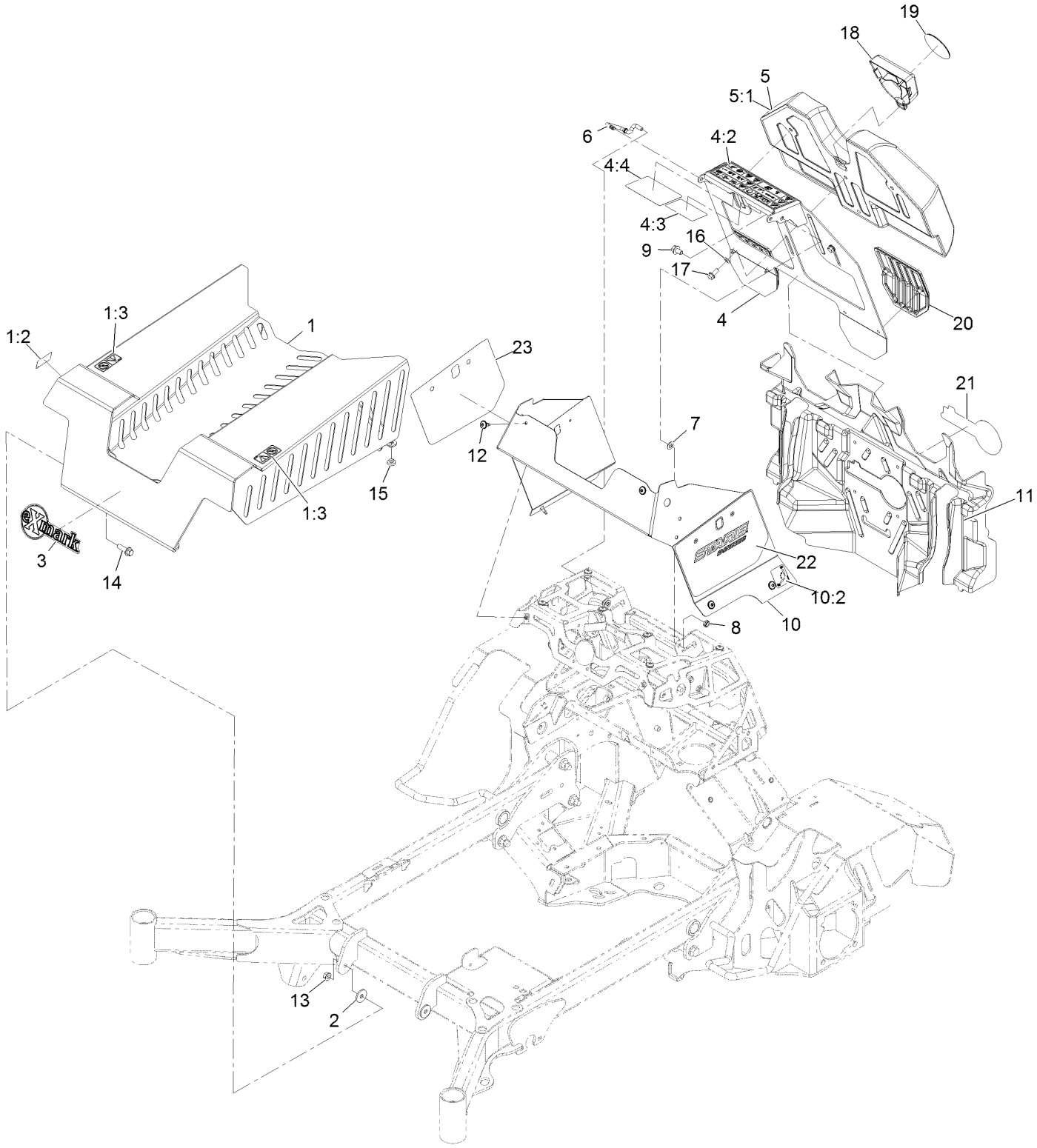
Platform Assembly



Platform Assembly (continued)

Ref.	Part Number	Qty.	Description
1	142-2748-05	1	Weld, Platform
2	142-3129	1	Mat, Platform
3	135-1336	1	Shaft, Cross
4	135-2237	1	ASM, Rt Arm W/ Bushings
4:2	109-8054	2	Bushing-Flanged
4:3	135-6438	1	Bushing, Sleeve
4:4	32120-72	1	Ring-Snap
5	135-2236	1	ASM, Lt Arm W/ Bushings
5:2	109-8054	2	Bushing-Flanged
5:3	135-6438	1	Bushing, Sleeve
5:4	32120-72	1	Ring-Snap
6	109-8788	2	Bushing-Flanged
7	1-603610	2	Washer-Spring Disc 7/16
8	135-7001	2	Screw-HHF
9	32128-21	2	Nut-3/8-16 Flanged Side Lock
10	135-4712	2	Screw, HHF
11	135-3993	2	Bumper
12	3255-8	4	Washer-Lock 5/16 (Ext-Tooth)
13	126-6268	4	Screw-Truss HD 5/16-18 X 3/4 Torx Plus
14	142-2492-03	1	Latch, Platform
15	126-4424	2	Screw-Shoulder
16	135-5206	1	Decal-Latch Lock
17	142-2432	1	Washer, Wave
18	135-7563	1	Keeper
19	142-3247	4	Rivet-Ratchet

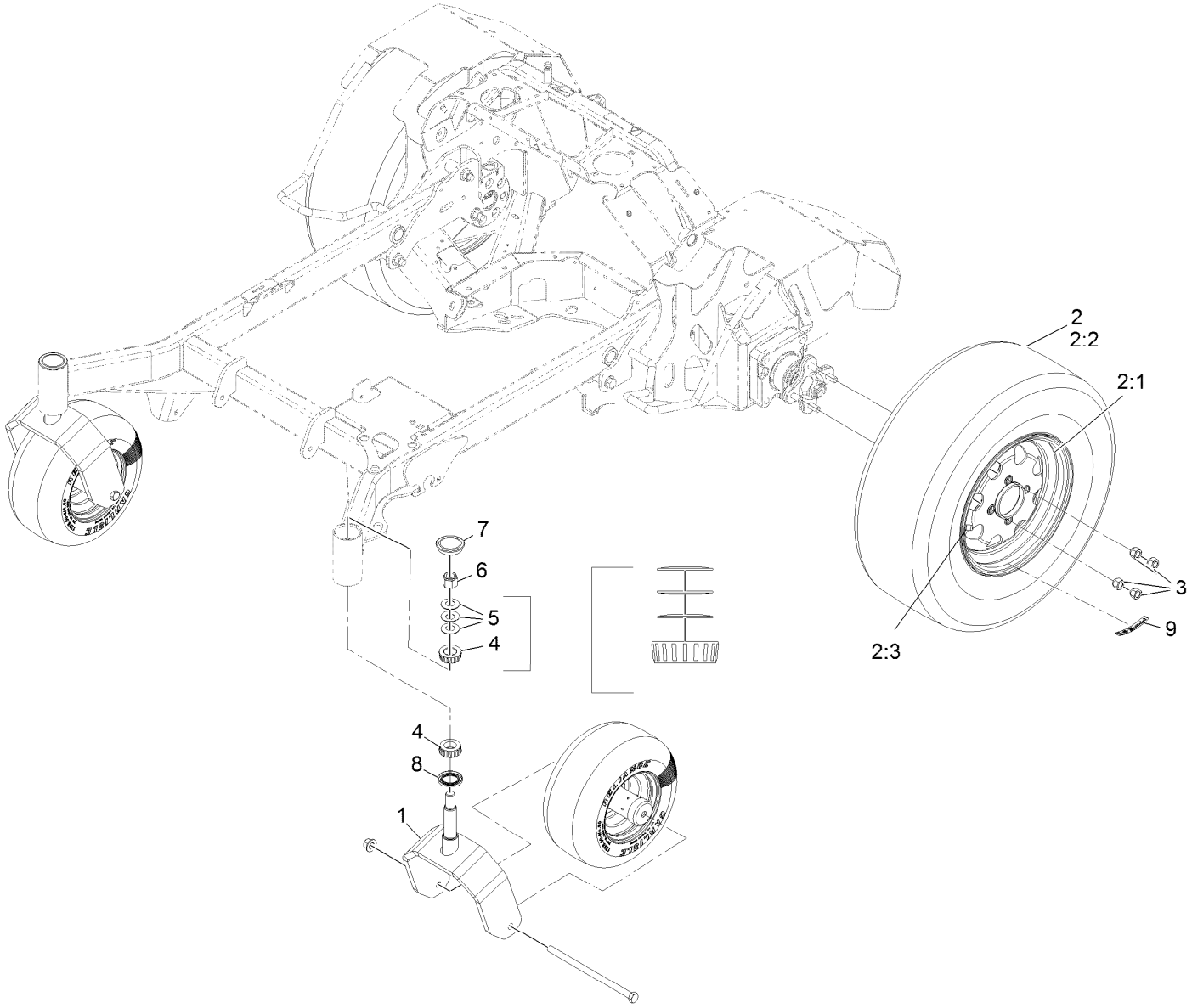
Guarding Assembly



Guarding Assembly (continued)

Ref.	Part Number	Qty.	Description
1	135-2163	1	ASM, Front Cover W/ Decals
1:2	106-5517	1	Decal-Warning
1:3	119-6807	2	Decal-Warning
2	107675	2	Washer
3	126-6877	1	Decal, Exmark Logo
4	135-2162	1	ASM, Pad Backing W/ Decals
4:2	135-2412	1	Decal-Warning
4:3	116-8253	1	Decal-Drive Release
4:4	135-2266	1	Decal-Service Aid
5	135-1320	1	Pad, Thigh
5:1	135-6556	1	Cover, Pad
6	135-1611	1	Rod, Prop
7	131-8667	2	Washer-Thrust
8	3296-59	2	Nut-Nyloc 3/8-16 Thin
9	3234-9	2	Screw-HHF
10	135-2164	1	ASM, Tower Skin W/ Decals
10:2	116-5988	1	Decal-Park Brake, CE
11	142-2889	1	Panel, Heat Deflector
12	135-3494	6	Screw, Torx
13	32128-21	2	Nut-3/8-16 Flanged Side Lock
14	119-4061	2	Screw-HHF
15	1-513658	2	Bumper
16	3290-475	3	Washer-Belleville
17	100-1668	3	Screw-HHF
18	135-2596	1	Insert, Pad
19	135-2714	1	Decal-X Logo Badge 3 In
20	135-5107	2	Pad, Knee
21	135-7280	1	Decal-Exmark Logo
22	135-6809	1	Decal-Staris Logo Lt
23	135-6810	1	Decal-Staris Logo Rt

Drive Wheel Assembly

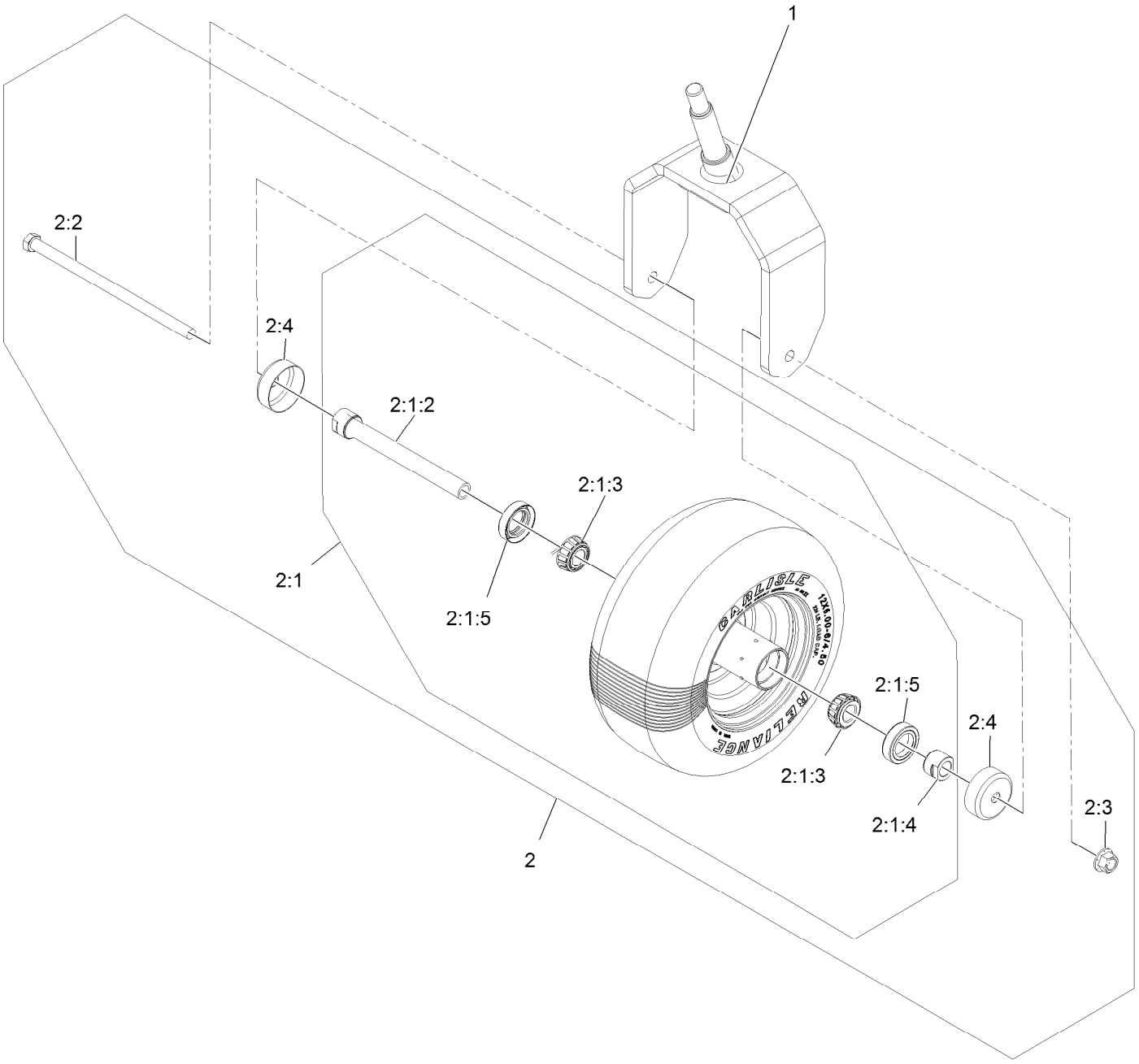


Drive Wheel Assembly (continued)

Ref.	Part Number	Qty.	Description
1		2	ASM, Caster, 12X6-6 ●
2	135-2174	2	ASM, Wheel And Tire
2:1	109-3645	1	Rim ASM
2:2	135-2171	1	Tire, 23 X 8.50-12
2:3	232-27	1	Stem-Valve
3	242-50	8	Nut-Lug 1/2-20
4	1-543509	4	Cone-Bearing Tapered Roller
5	1-633508	6	Washer-Spring Disc
6	3296-51	2	Nut-Nyloc 3/4-10
7	103-4882	2	Cap-Grease
8	116-5647	2	Seal-Grease
9	126-2055	2	Decal-Torque, Wheel Hub Lug

● Not serviced separately

Caster Wheel Assembly

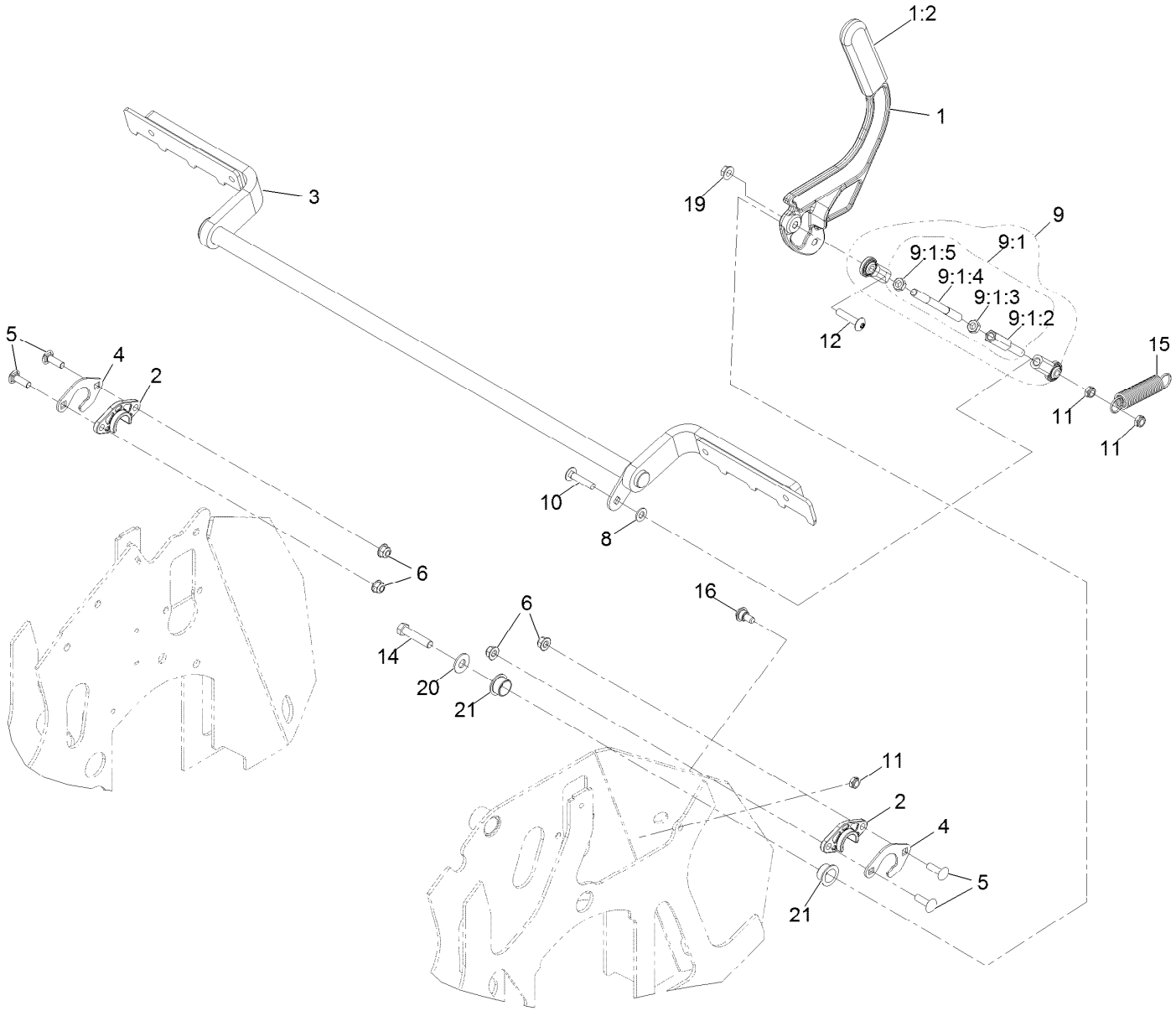


Caster Wheel Assembly (continued)

Ref.	Part Number	Qty.	Description
1	135-3598-01	1	Weld, Caster Fork
2	135-2148	1	ASM, Caster W/ Axle
2:1		1	ASM, Caster W/ Bearings ●
2:1:2	126-5361	1	Axle Caster ASM
2:1:3	1-633585	2	Bearing-Cone, Taper
2:1:4	103-3051	1	Spacer-Nut
2:1:5	103-0063	2	Seal-Caster
2:2	325-39	1	Screw-HH
2:3	99-5107	1	Nut-Lock
2:4	103-2768	2	Guard-Seal

● Not serviced separately

Park Brake Assembly

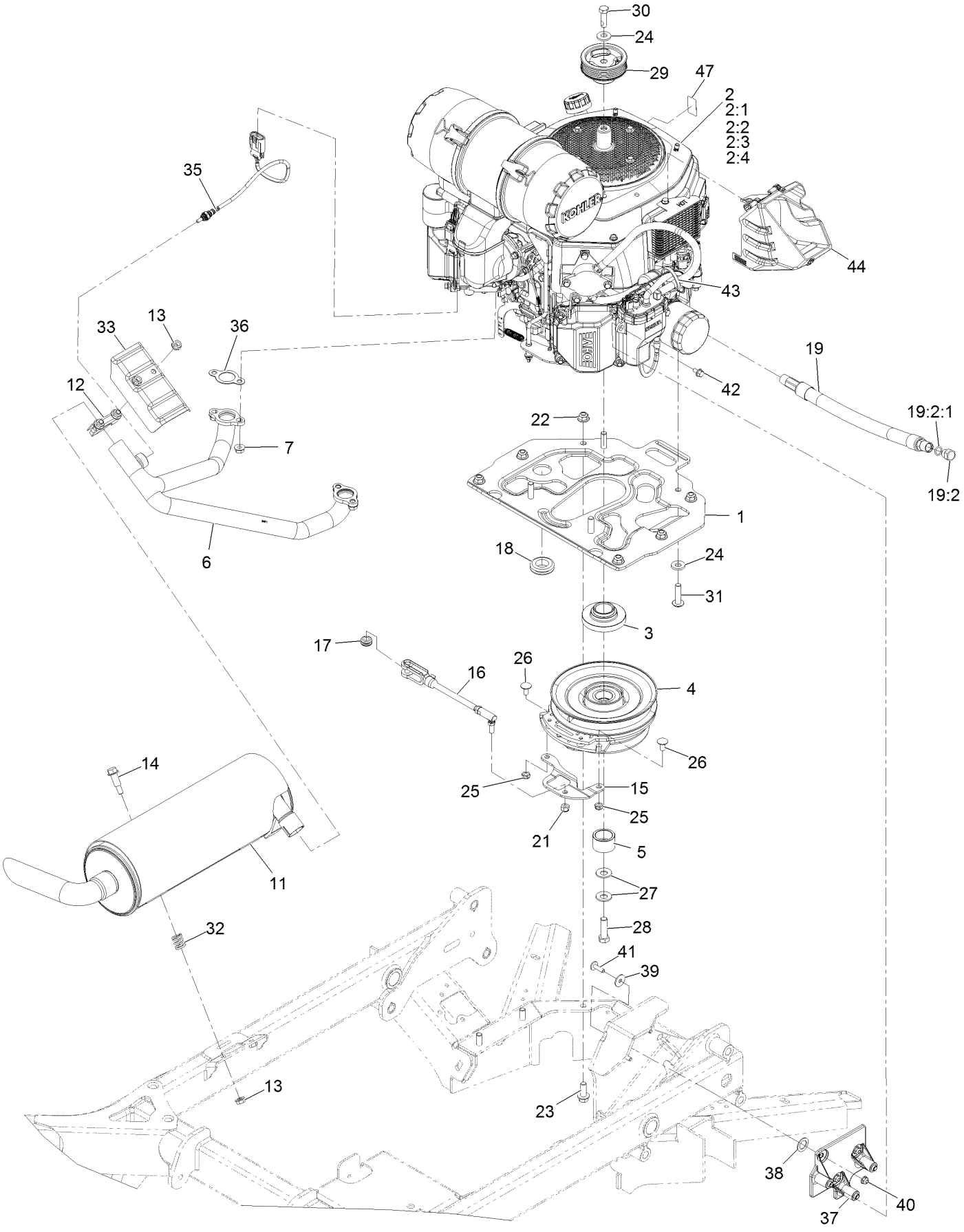


Park Brake Assembly (continued)

Ref.	Part Number	Qty.	Description
1	142-2413	1	ASM, Brake Lever W/ Grip
1:2	1-633268	1	Grip-Lever
2	115-5065	2	Bushing-Flange
3	142-3739-03	1	Weld-Brake Shaft
4	135-7867	2	Support, Bearing
5	3230-22	4	Bolt-Carriage 5/16-18 X 1 Sp
6	104-8300	4	Nut-Nyloc 5/16-18 Flg
8	3256-23	1	Washer-5/16 SAE
9	135-7116	1	ASM, Linkage
9:1		1	ASM, Motion Control Link ●
9:1:2	116-4755	1	Rod-Adjustment
9:1:3	3220-16	1	Nut-Jam 3/8-24 LH
9:1:4	135-1291	1	Link, Motion Control
9:1:5	3220-3	1	Nut-Jam 3/8-24
10	3230-4	1	Bolt-Carriage 5/16-18 X 1 1/2
11	3296-47	3	Nut-Nyloc 5/16-18 Thin
12	126-7439	1	Screw-Truss HD 5-16-18 X 1 1/2 Torx Plus
14	323-52	1	Screw-HH 3/8-16 X 1 3/4
15	1-323161	1	Spring
16	120-9471	1	Screw-Shoulder Bh 5/16-18 X 1/2 Tf Torx
19	32128-25	1	Nut-Hex 5/16-18 Side Lock
20	3256-4	1	Washer-3/8 Std
21	135-7091	2	Bushing, Igus

● Not serviced separately

Engine Assembly

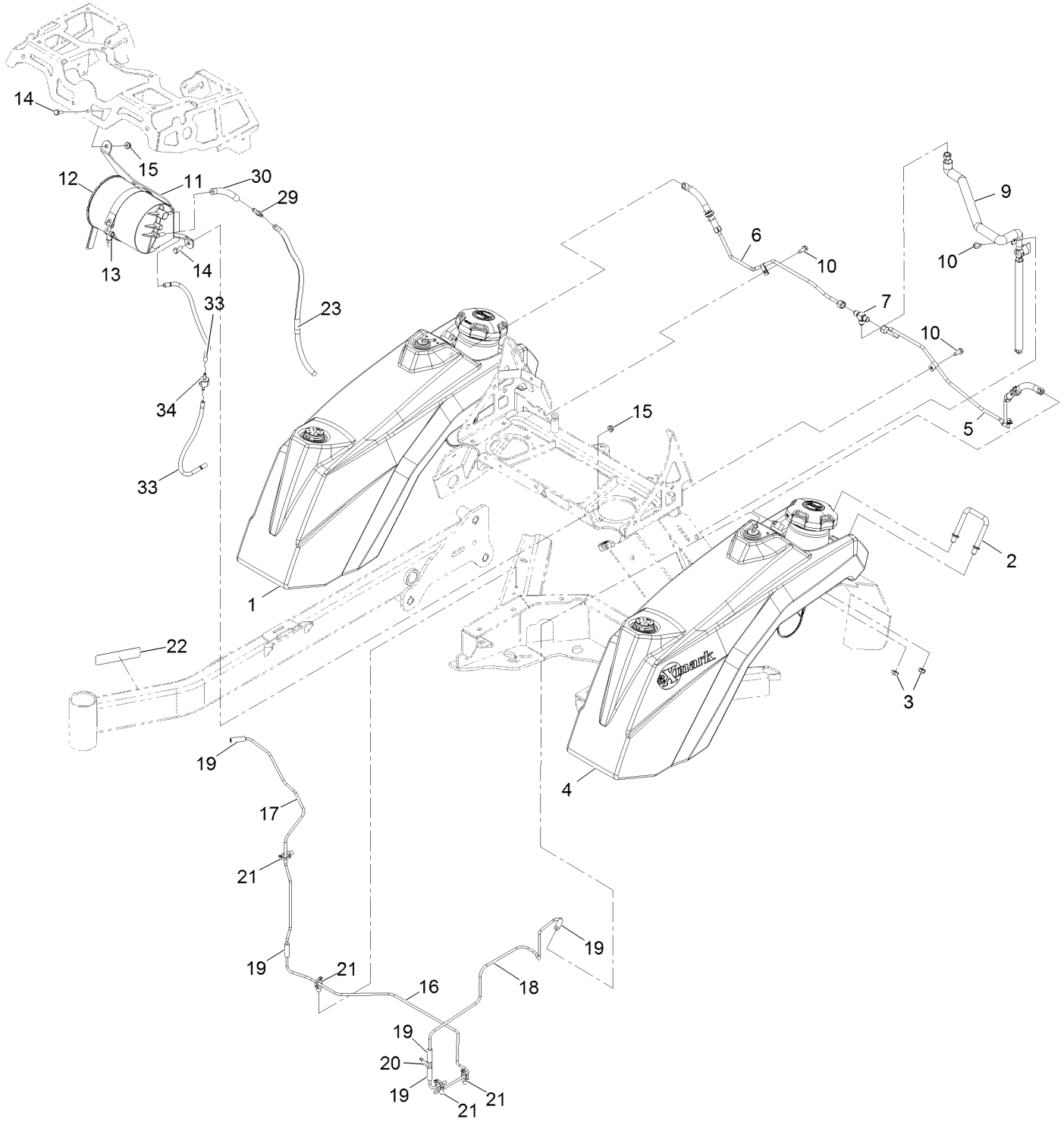


Engine Assembly (continued)

Ref.	Part Number	Qty.	Description
1	135-1615-03	1	Plate, Engine
2		1	Engine, Kohler Cv650 EFI ▲◆
2:1		1	Kohler 52 050 02-S Engine Oil Filter ▲◆
2:2		1	Kohler 25 083 01-S Engine Air Filter ▲◆
2:3		1	Kohler 25 083 04-S Safety Filter ▲◆
2:4		1	Kohler 25 050 42-S Fuel Filter ▲◆
3	142-3593	1	Spacer, Clutch 1.13
4	142-3587	1	Clutch
5	135-1308	1	Spacer, Clutch
6	135-5095	1	Header, Kohler
7	68-9400	4	Nut-Flange
11	142-3577	1	Muffler, 5"
12	104-4090	1	Clamp-Muffler
13	32128-25	4	Nut-HF
14	130-2344	2	Bolt-Shoulder
15	135-1589	1	Strap, Clutch
16	126-0620	1	ASM, Clutch Anchor
17	237-136	1	Grommet
18	1-543286	1	Grommet
19	116-5108	1	Oil Drain Hose ASM
19:2	353-508	1	Plug-HH ■
19:2:1	237-42	1	O-Ring
21	3296-4	1	Nut-Lock
22	104-8301	6	Nut-HF, NI
23	3234-42	6	Screw-HHF
24	98-5975	5	Washer-Belleville
25	3296-47	2	Nut-Lock, NI
26	3230-18	2	Screw-CARR
27	1-603610	2	Washer-Spring
28	109-9761	1	Screw-HH
29	135-1198	1	Pulley, Crank
30	135-7890	1	Screw-HH, Patch,
31	126-0983	4	Screw-BHTF
32	135-6667	2	Spring, Compression
33	135-7527	1	Shield, Heat
35	135-6594	1	Sensor, Mini O2
36	110-6697	2	Gasket-Exhaust
37	136-6346	1	Bracket-Pump, Fuel
38	121-6840	3	Washer-Rubber
39	3256-67	3	Washer
40	104-7201	3	Nut-HF
41	126-6269	3	Screw-Truss
42	33103-012	3	Screw-HHF
43	1-303335	2	Tie-Plastic ●
44	135-6621	1	Duct, Air
47	135-6844	1	Decal-10W-50 Oil
48	142-3562	1	Stand-Off, Duct ●

● Not illustrated
▲ Not serviced separately
■ Torque to 24-26 ft-lb
◆ Obtain parts from www.kohlerplus.com

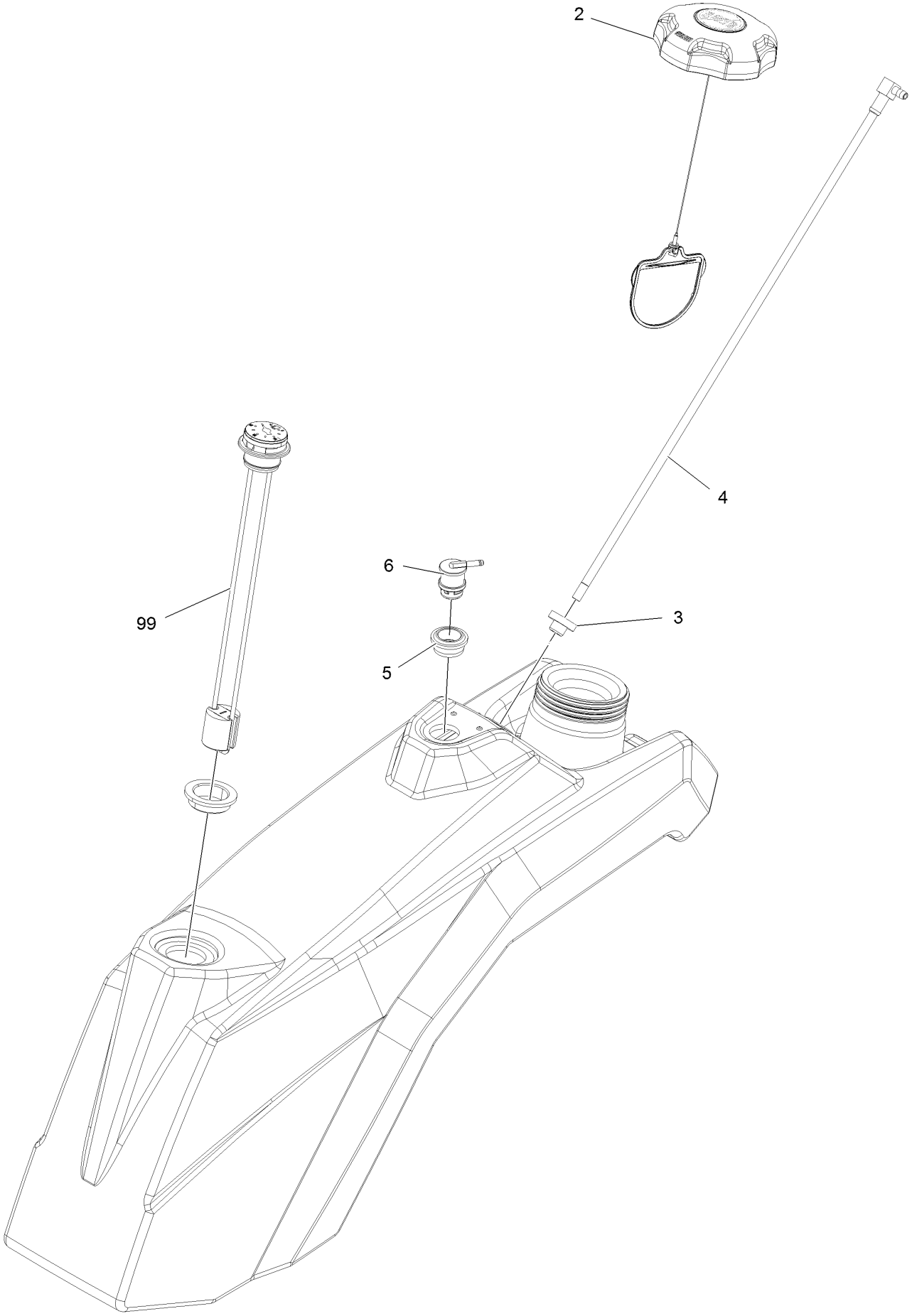
Fuel Assembly



Fuel Assembly (continued)

Ref.	Part Number	Qty.	Description
1	135-2227	1	ASM, Rt Fuel Tank
2	135-7299	2	Clamp, Tank
3	3296-59	4	Nut-Nyloc 3/8-16 Thin
4	135-2225	1	ASM, Lt Fuel Tank
5	142-3597	1	ASM, Left Fuel Line
6	142-3598	1	ASM, Right Fuel Line
7	135-2203	1	Fitting, 2603-4-4-4
9	142-3600	1	ASM, Koh Fuel Line
10	32144-10	5	Screw-HWH 1/4-20 X .62
11	135-1928-03	1	Bracket, Carbon Canister
12	116-1442	1	Canister-Carbon, 1200Cc
13	116-2228	1	Clamp, T-Bolt
14	321-39	3	Screw-HH
15	104-7201	3	Nut-Nyloc 1/4-20 Flg
16	135-2219	1	Line, Vent, Main
17	135-2221	1	Line, Vent, Right
18	135-7097	1	Line, Vent, Left
19	51-3216	5	Hose-Fuel
20	135-2222	1	Fitting, 3/16" Y
21	32180-030	4	Clip-Tie
22	133-8062	1	Decal-Arrestor, Spark
23	135-3950	1	Hose, Vent
29	106-8150	1	Fitting-Straight
30	105-8342	1	Hose-Fuel
33	119-4235	2	Hose-Vent, Formed
34	133-8499	1	Valve-Check, Vacuum

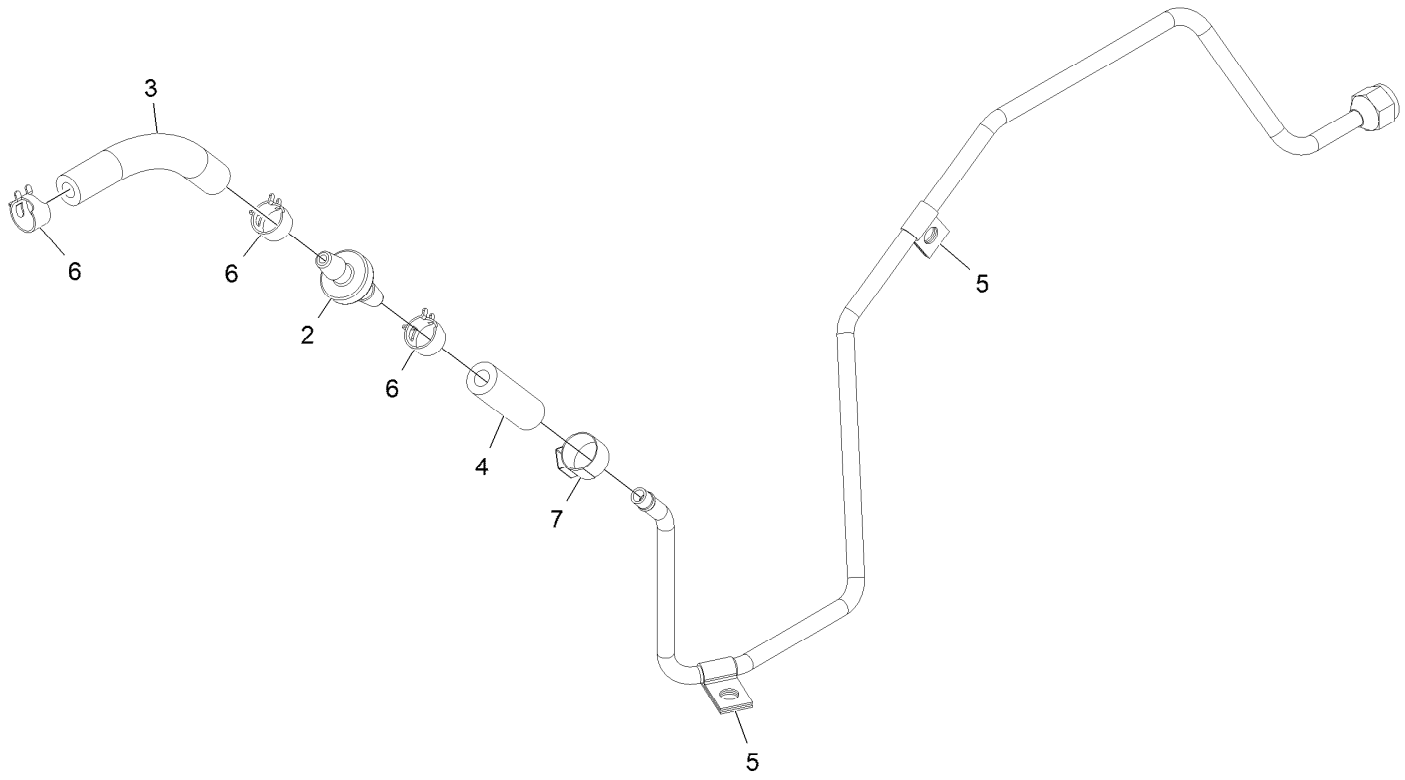
Left and Right Fuel Tank Assembly



Left and Right Fuel Tank Assembly (continued)

Ref.	Part Number	Qty.	Description
2	137-4119	1	Cap-Fuel, Ratcheting
3	46-6560	1	Bushing
4	135-1916	1	Straw, Fuel, Short
5	114-0284	1	Grommet
6	119-3547	1	Valve-Vent, Fuel
99	135-3987	1	Kit, Fuel Gauge

Left Fuel Line Assembly

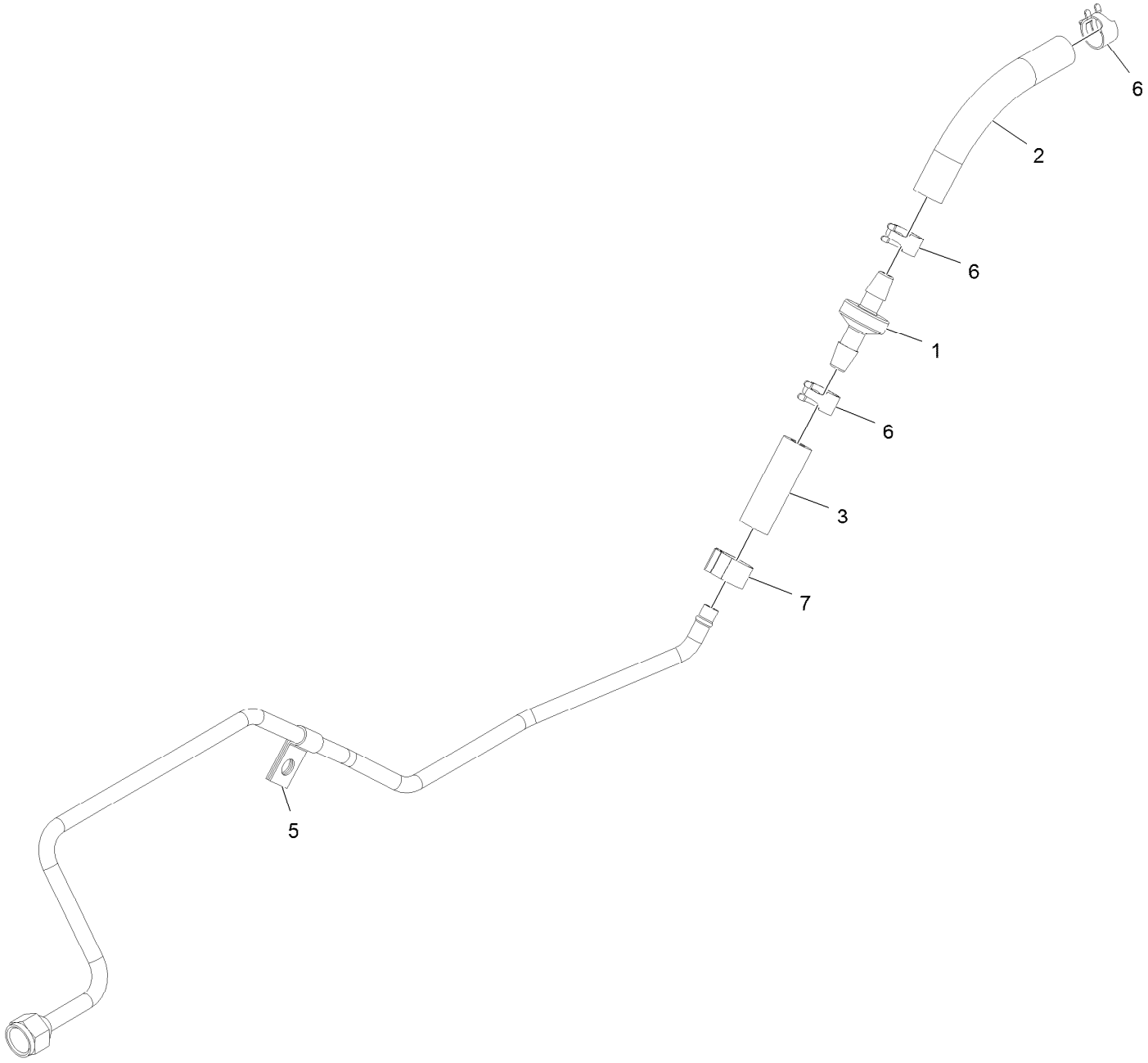


Left Fuel Line Assembly (continued)

Ref.	Part Number	Qty.	Description
2	99-5000	1	Valve-Check, Fuel
3	105-8342	1	Hose-Fuel
4		1	Hose-Fuel ●
5	2412-72	2	Clip-Closed, Insulated
6	2412-98	3	Clamp-Hose
7		1	Clamp-Hose, Fuel ●

● Not serviced separately

Right Fuel Line Assembly

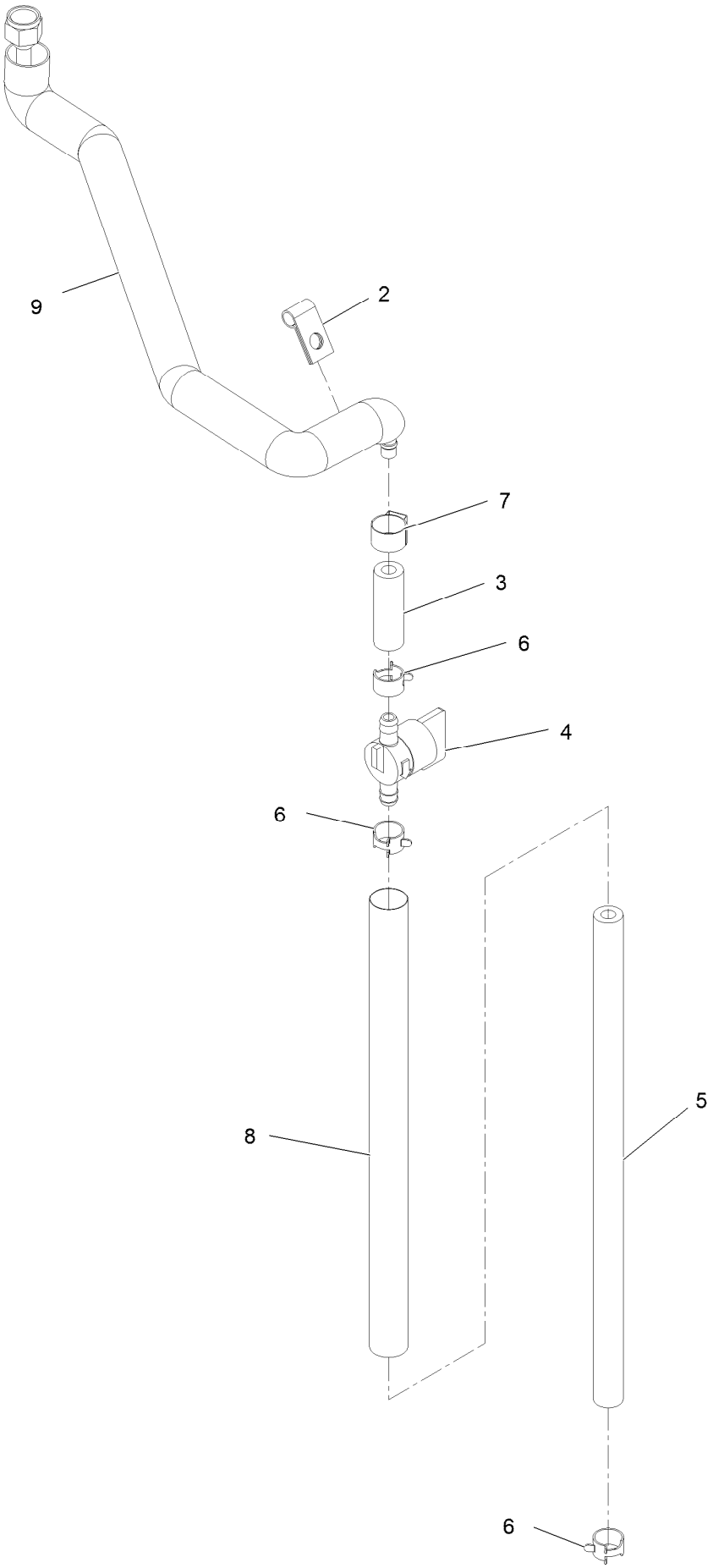


Right Fuel Line Assembly (continued)

Ref.	Part Number	Qty.	Description
1	99-5000	1	Valve-Check, Fuel
2	105-8342	1	Hose-Fuel
3		1	Hose-Fuel ●
5	2412-72	1	Clip-Closed, Insulated
6	2412-98	3	Clamp-Hose
7		1	Clamp-Hose, Fuel ●

● Not serviced separately

Fuel Line Assembly

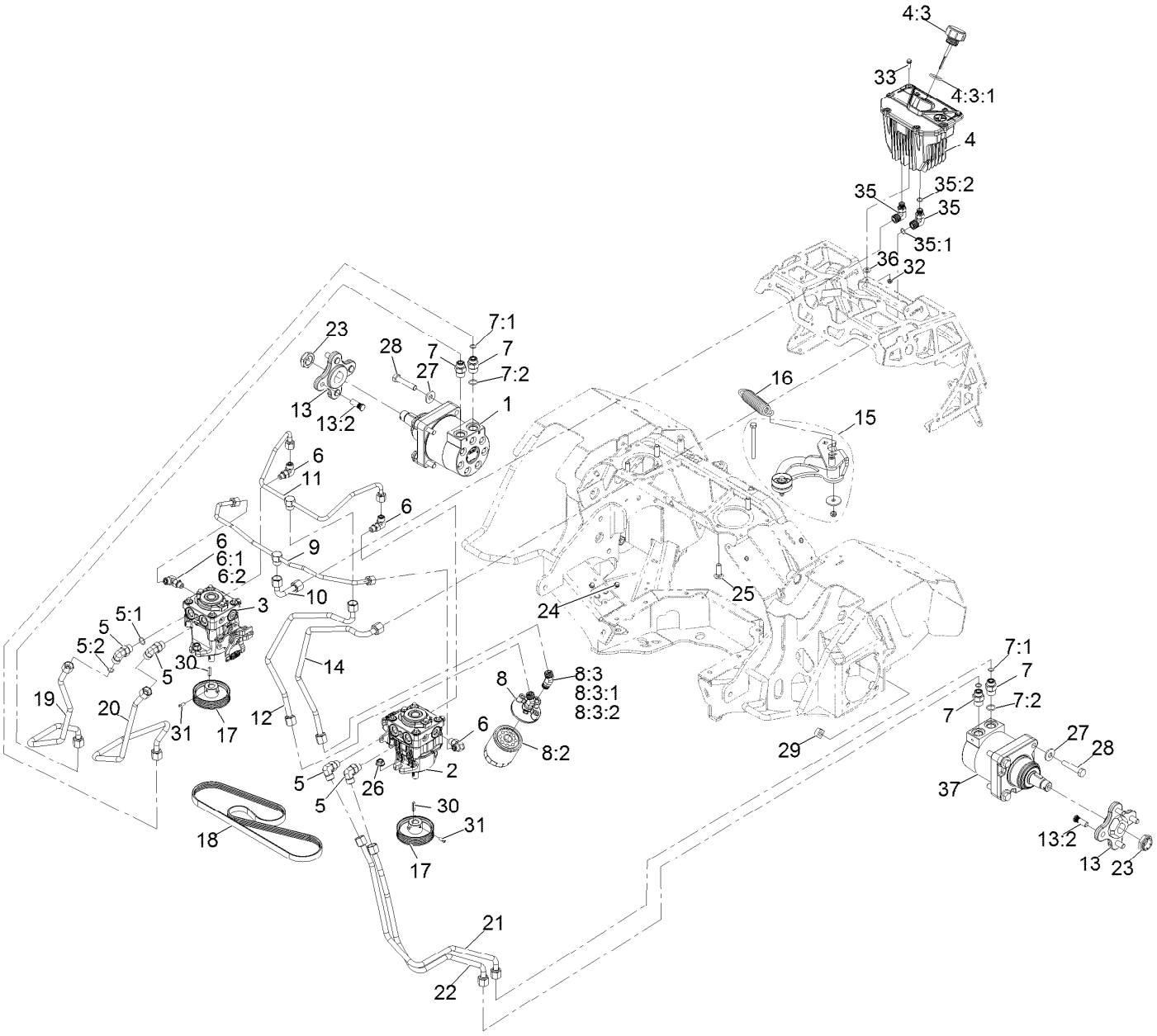


Fuel Line Assembly (continued)

Ref.	Part Number	Qty.	Description
2	2412-72	1	Clip-Closed, Insulated
3		1	Hose-Fuel ●
4	1-603770	1	Valve-Fuel
5	109-0282	1	Hose-Fuel
6	2412-98	3	Clamp-Hose
7		1	Clamp-Hose, Fuel ●
8	135-6549	1	Sleeve, Thermal
9	121-4404	1	Sleeve-Thermal,

● Not serviced separately

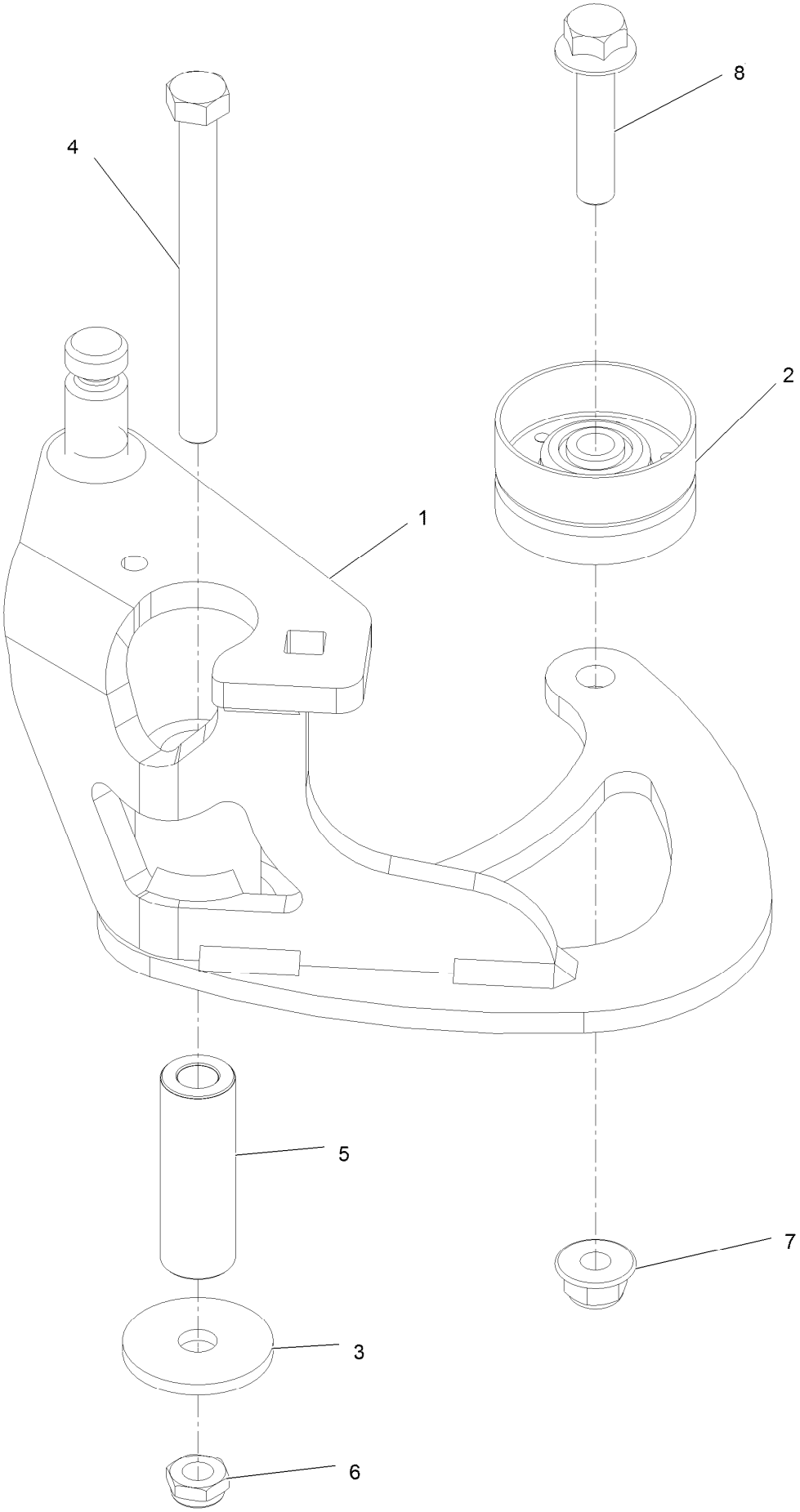
Hydraulic Assembly



Hydraulic Assembly (continued)

Ref.	Part Number	Qty.	Description
1	135-1162	1	Motor, TI195
2	142-2933	1	Pump, 12Cc
3	142-2934	1	Pump, 12Cc
4	135-3305	1	ASM, Hydraulic Reservoir
4:3	142-2793	1	Cap, Hydraulic
4:3:1	142-2792	1	O-Ring
5	340-98	4	Fitting-Elbow, 90 DEG
5:1	237-79	1	O-Ring
5:2	237-30	1	O-Ring
6	340-77	4	Fitting-Elbow, 90 DEG
6:1	237-22	1	O-Ring
6:2	237-42	1	O-Ring
7	340-6	4	Fitting-Straight
7:1	237-30	1	O-Ring
7:2	237-80	1	O-Ring
8	142-2951	1	ASM, Filter Head
8:2	109-4180	1	Element, Oil Filter
8:3	340-96	2	Adapter
8:3:1	237-30	1	O-Ring
8:3:2	237-42	1	O-Ring
9	135-7056	1	Line, Hydraulic, Case Tee
10	135-7054	1	Line, Hydraulic, Case
11	135-7055	1	Line, Hydraulic, Charge Tee
12	135-7053	1	Line, Hydraulic, Charge
13	135-2214	2	ASM, Hub W/ Studs
13:2	116-1696	4	Stud-Wheel
14	135-7052	1	Line, Hydraulic, Supply
15	135-1270	1	ASM, Idler Arm
16	135-1272	1	Spring, Extension
17	142-2968	2	Pulley, Pvk5
18	135-1196	1	Belt, Pvk5
19	142-2819	1	Kit-Sts HYD Line B-A
20	142-2820	1	Kit-Sts HYD Line A-B
21	142-2844	1	Kit, Hydraulic Line, A-B
22	142-2843	1	Kit, Hydraulic Line, B-A
23	116-1399	2	Locknut
24	119-1065	2	Screw-HWH
25	3232-3	4	Bolt-Carriage 7/16-14 X 1 1/2
26	114-8417	4	Nut-HF, NI
27	1-513435	8	Washer-Spring Disc 1/2
28	325-10	8	Screw-HH 1/2-13 X 2 1/2
29	3290-510	8	Nut-Square
30	135-7971	2	Key, 5Mm X 5Mm X 29Mm
31	3241-7	4	Screw-SQH
32	3296-56	2	Nut-Nyloc 1/4-20 Thin
33	32105-15	2	Screw-Machine 1/4-20 X 3/4
35	340-99	2	Fitting-HYD, 90 DEG
35:1	237-30	1	O-Ring
35:2	237-42	1	O-Ring
36	73-0041	2	Washer-Thrust
37	142-2840	1	Motor, TI195

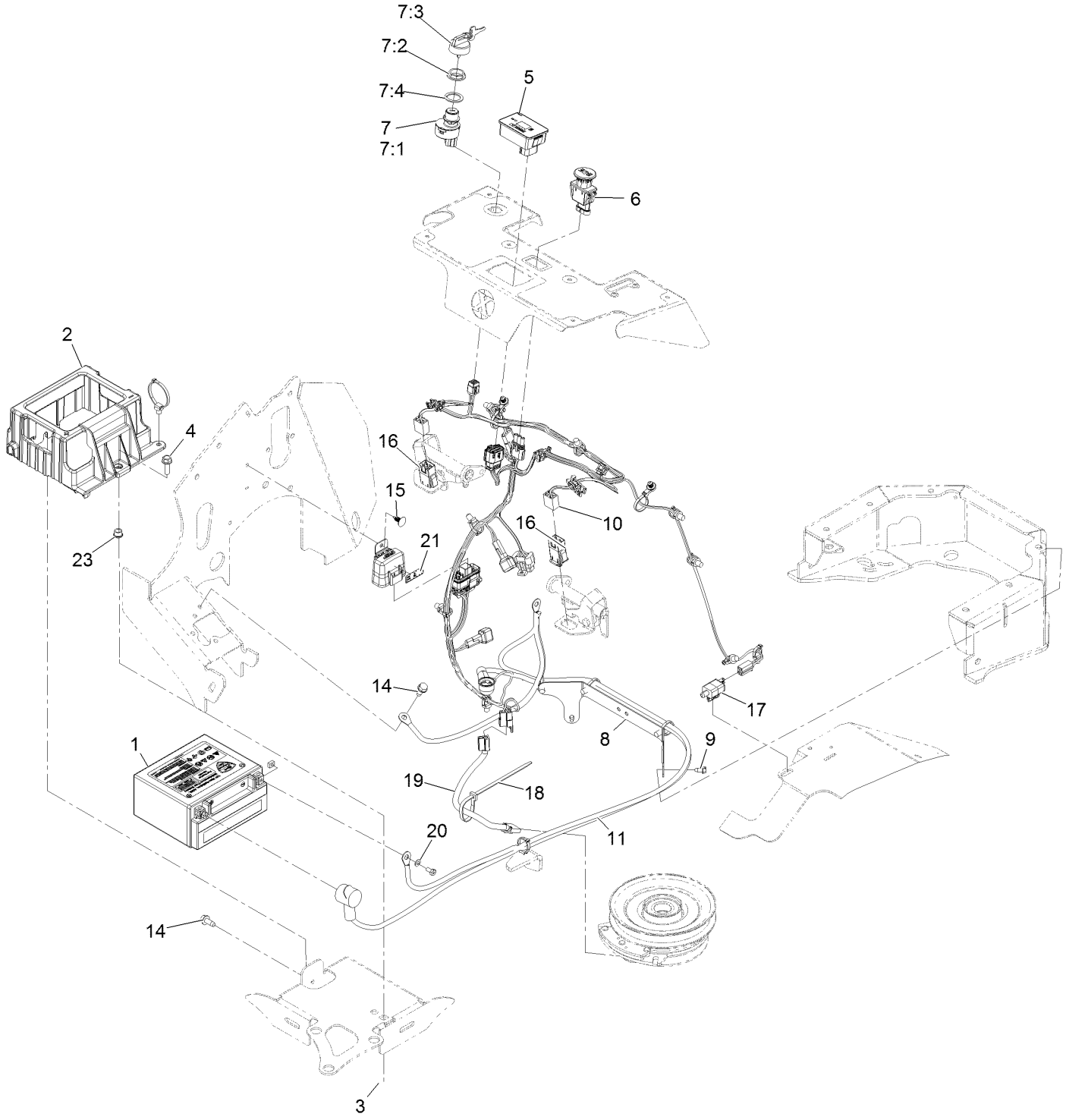
Idler Arm Assembly



Idler Arm Assembly (continued)

Ref.	Part Number	Qty.	Description
1	135-2238	1	ASM, Idler Arm W/ Bushings
2	135-1199	1	Idler, Flat
3	1-213069	1	Washer
4	323-16	1	Screw-HH 3/8-16 X 4
5	135-1273	1	Tube, Idler Pivot
6	3296-59	1	Nut-Nyloc 3/8-16 Thin
7	104-8301	2	Nut-Nyloc 3/8-16 Flg
8	3234-19	1	Screw-HHF 3/8-16 X 1 3/4

Electrical Assembly



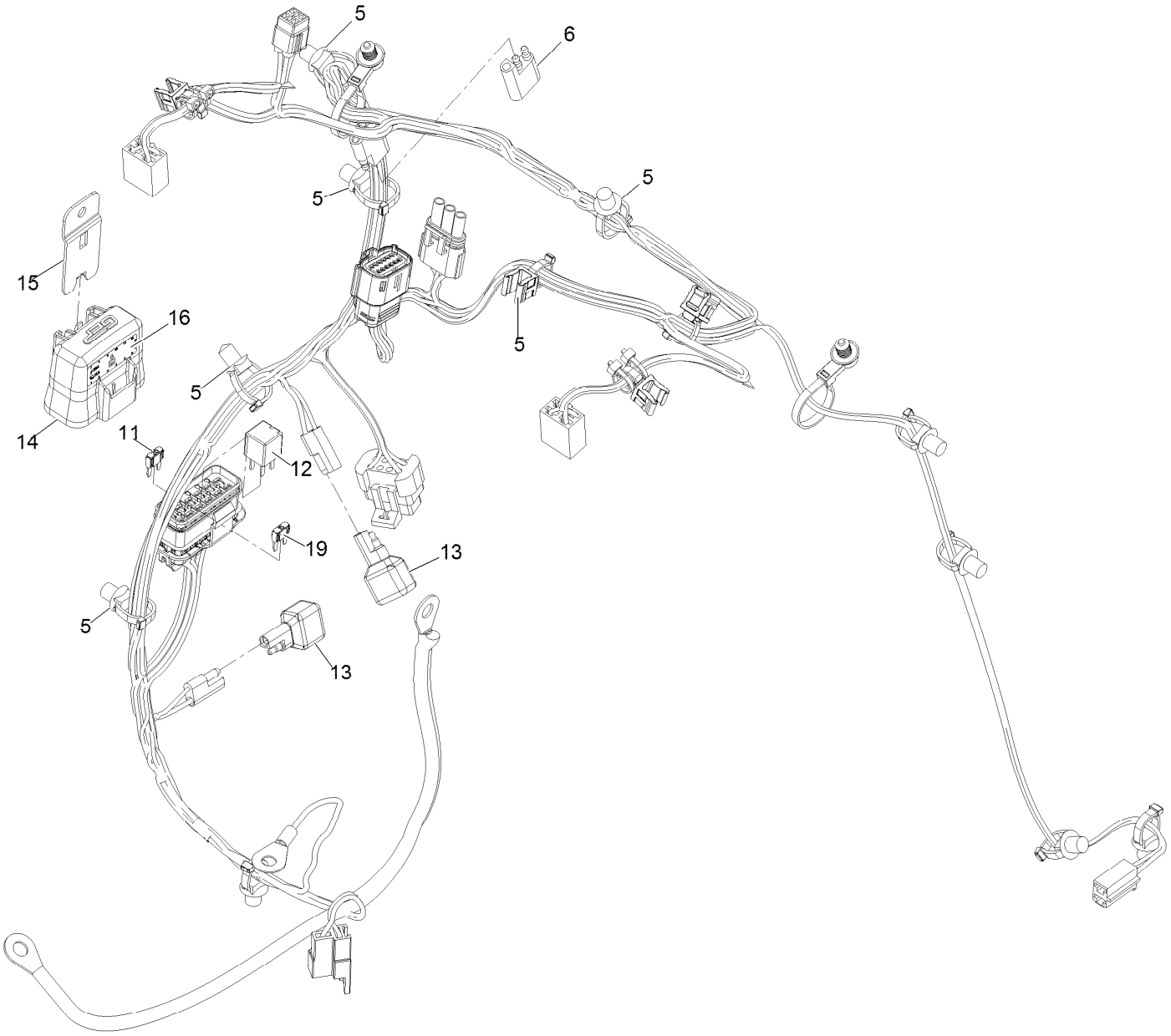
Electrical Assembly (continued)

Ref.	Part Number	Qty.	Description
1	135-4421	1	Battery, Agm, Non-Spillable
2	142-2450	1	Box, Battery
3	135-4473	1	Nut, Snap
4	115-5142	1	Screw-HHF
5	135-7189	1	Module-Hour Meter
6	126-6187	1	Switch-PTO, Sealed
7	126-6285	1	Ignition Switch ASM
7:1		1	Switch-Ignition ■
7:2	108-8660	1	Nut-Mounting
7:3	106-5270	1	Ignition Key Set
7:4	108-8659	1	Washer-Backup
8	135-1924-03	1	Support, Battery Cable
9	32104-17	2	Screw-HWH 1/4-20 X 1/2 Tap
10	142-2406	1	Harness-Wire ▲
11	135-2126	1	Harness-Battery
14	32144-11	2	Screw-HWH 5/16-18 X 3/4 Tf
15	117-2382	1	Plug-Plastic
16	104-3338	2	Switch-Delta
17	110-6765	1	Switch
18	1-303335	1	Tie-Cable 7 15/16 (Large)
19	109-9274	1	Harness-Clutch
20	1-303435	2	Washer-Spring Disc 1/4
21	126-7875	1	Decal-Fuse
23	256-116	1	Bushing-Flange
99	135-7732	1	Hardware Kit, Battery ●

● Not illustrated ■ Not serviced separately

▲ Use dielectric grease on all unsealed connectors and terminals only. Do not apply in sealed connectors.

Harness Assembly



Harness Assembly (continued)

Ref.	Part Number	Qty.	Description
5	32180-030	10	Clip-Tie
6	32180-197	1	Cap-Plug
11	121-8868	1	Fuse-Mini Blade, 20 Amp
12	126-3991	1	Relay-Micro
13	100-4918	2	Diode
14	32180-176	1	Cover-Block, Fuse
15	32180-177	1	Clip-Mounting
16	126-7875	1	Decal-Fuse
19	121-8867	1	Fuse-Mini Blade, 15 Amp

Notes:

Notes:

Notes:

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WALK-BEHIND ACCESSORIES AND OPTIONS

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*Some accessories and options not available for some models.

Place Model No. and Serial No. Label Here (Included in the Literature Pack) or Fill in Below

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Engine Model No. and Spec. No. _____

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