



**Shield HD 42in
Zero Turn Riding Mower**

Model No. SZSD1K42691KR—Serial No. 400000000 and 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 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.

Contents

Frame Assembly..... 4

Fuel Delivery and Body Styling Assembly 6

Fuel Tank Assembly No. 145-6304 8

LH Upper Pod W/Decal Assembly No. 148-0284 10

RH Upper Pod W/Decal Assembly No. 148-0280..... 12

Decklift Assembly..... 14

Caster Wheel Assembly 16

Wheel Assembly No. 145-4692 18

Traction Control Assembly 20

Brake Assembly 22

Rear Wheel and Tire Assembly 24

Seat Pan Assembly 26

Motion Control Assembly 28

Engine and Muffler Assembly..... 30

Electrical Assembly 32

Main Wire Harness Assembly No. 145-6382..... 34

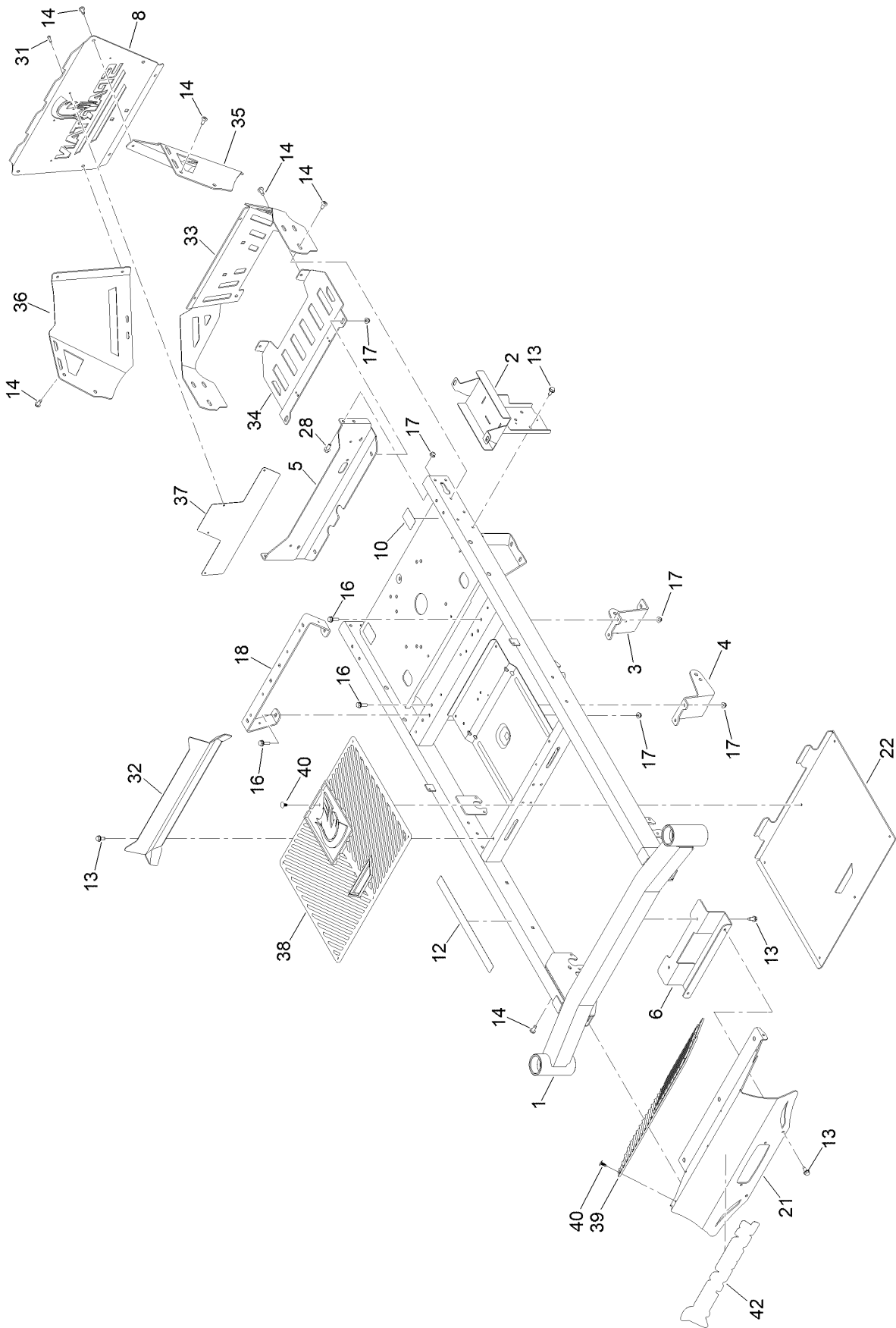
42 Inch Deck Assembly..... 36

Deck Decal Assembly No. 161-6440 38

Model Specific Assembly 40

Clutch Assembly..... 42

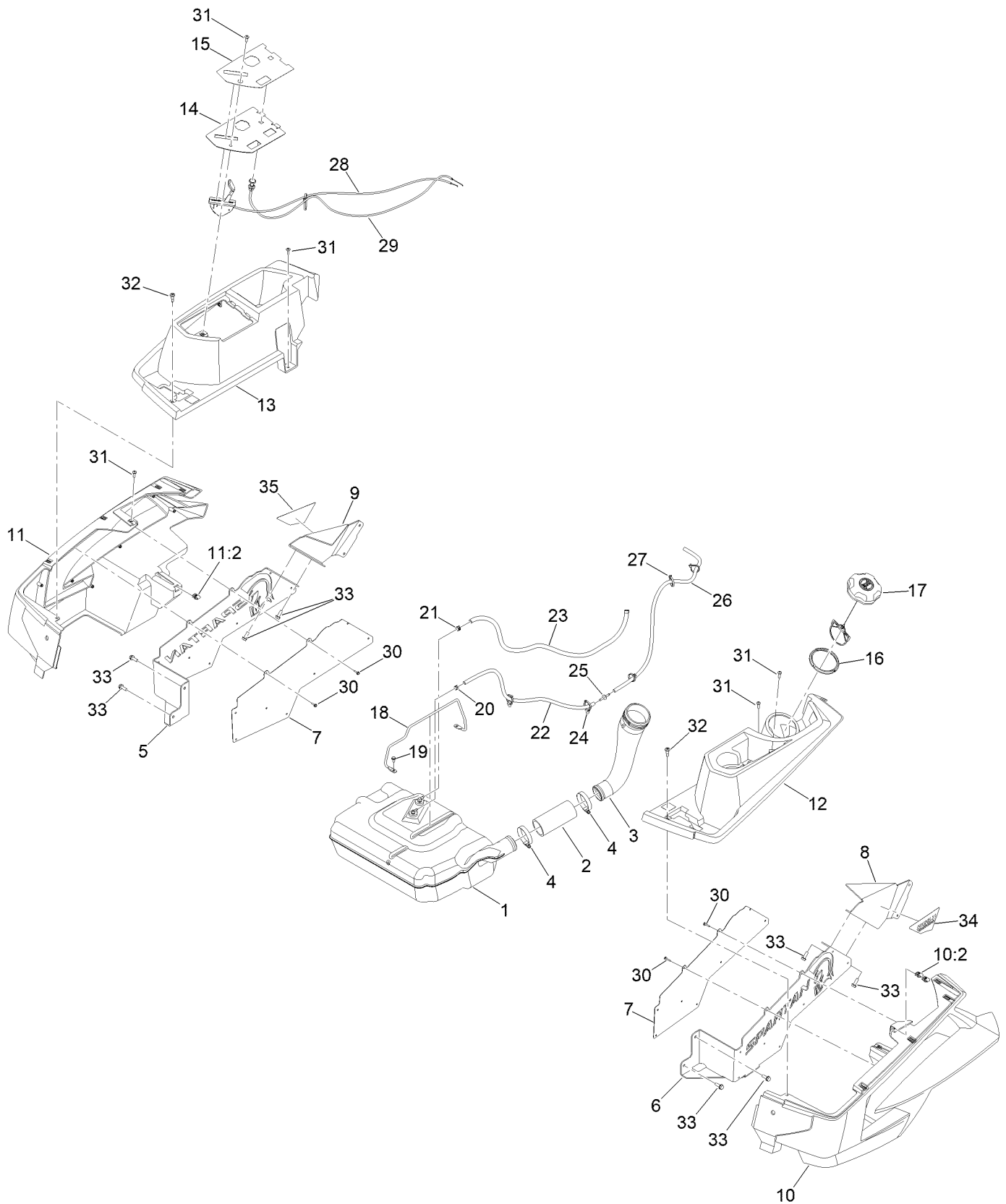
Frame Assembly



Frame 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	161-6615	1	Frame ASM	21	148-0023-P11	1	Plate-Front
2	145-6283-P11	1	Wa-Battery Mount	22	148-0006-P11	1	Plate-Floor
3	161-6506-P11	1	Mount-Drive, LH	28	139-2598	4	Screw-HHF
4	161-6507-P11	1	Mount-Drive, RH	31	130-8451	4	Rivet-Trifold
5	147-8709-P11	1	Plate-Mount	32	161-9744-P11	1	Plate-Kick
6	148-0024-P11	1	Bracket-Support	33	148-1122-P11	1	Guard-Muffler, Top
8	148-1084-P11	1	Shield Guard Engine	34	148-1123-P11	1	Guard-Muffler, Bottom
10	148-0434	1	Decal-Bypass	35	148-0008-P11	1	Cowling-Rear, LH
12	144-5288	1	Decal-Warning	36	148-0009-P11	1	Cowling-Rear, RH
13	32144-70	11	Screw-HWHTF	37	148-0012	1	Plate-Rear
14	138-9753	20	Screw	38	148-0017	1	Floor Mat
16	139-2596	6	Screw-HHF	39	148-0018	1	Front Foot Mat (Spartan)
17	119-4041	12	Nut-HF	40	117-2382	12	Plug-Plastic
18	161-6585-03	1	Support-Seat	42	148-0801	1	Decal-Spartan, Front

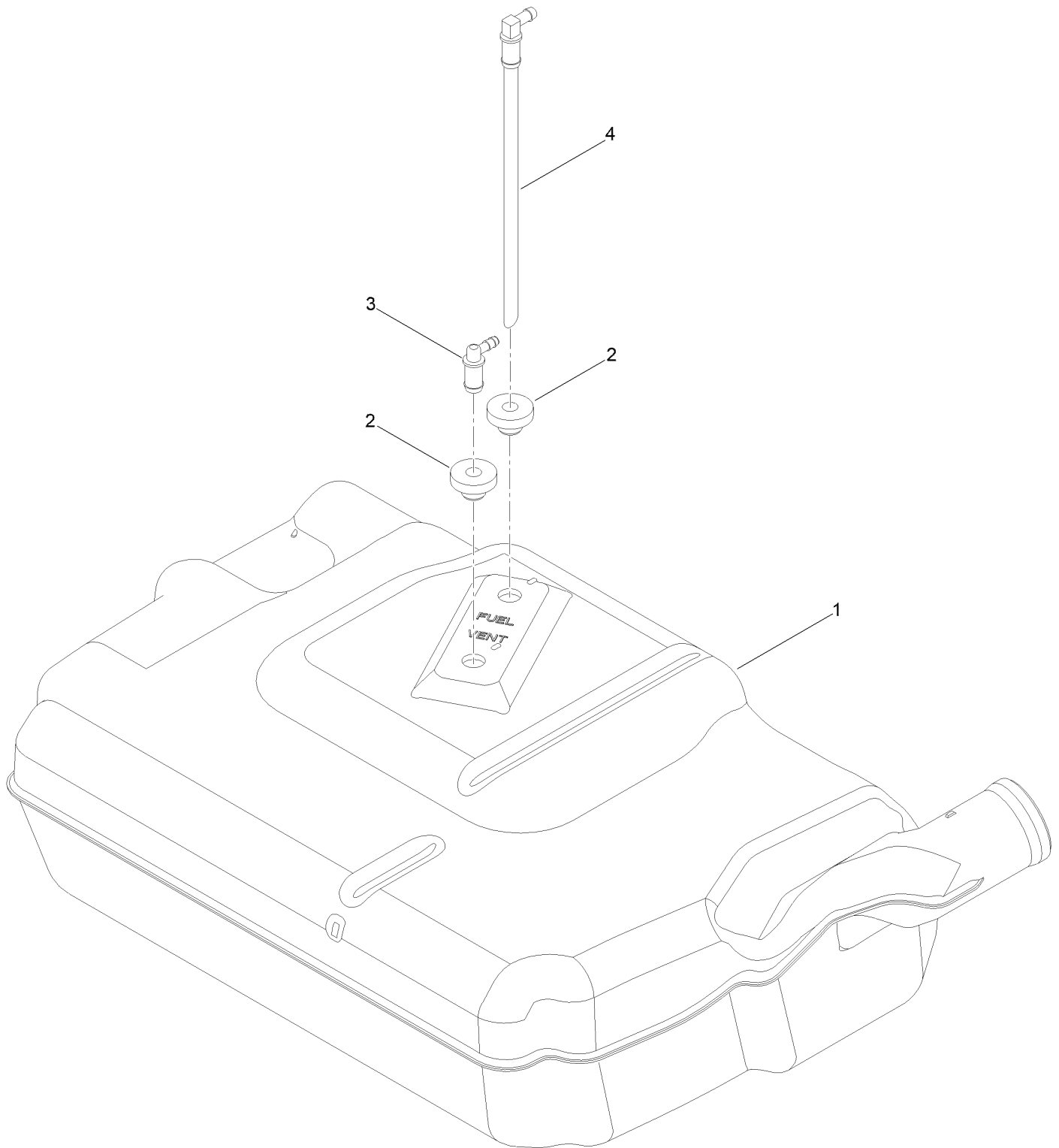
Fuel Delivery and Body Styling Assembly



Fuel Delivery and Body Styling 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	145-6304	1	Fuel Tank ASM	16	147-7712	1	Ring-Retaining
2	161-6421	1	Hose-Filler, Fuel	17	137-4119	1	Cap-Fuel, Ratcheting
3	147-2852	1	Neck-Filler, Fuel	18	147-5176	1	Rod-Hold Down
4	2412-130	2	Clamp-Hose	19	32144-4	2	Screw-HWH
5	148-0316-P11	1	Bracket-Mount, RH Pod	20	2412-80	1	Clamp-Hose
6	148-0317-P11	1	Bracket-Mount, LH Pod	21	2412-98	2	Clamp-Hose
7	148-0318	2	Plate-Backer	22	140-4956	1	Hose-Fuel
8	148-0320-P11	1	Bracket-Mount, LH Pod	23	109-0275	1	Hose-Fuel
9	148-0319-P11	1	Bracket-Mount, RH Pod	24	32180-030	2	Clip-Tie
10	148-0311	1	LH Pod ASM	25	144-1983	1	Adapter Orifice
10:2	107069	2	Clip	26	108-6344	1	Hose-Fuel
11	148-0310	1	RH Lower Pod W/Decal ASM	27	614249	4	Tie-Cable
11:2	107069	2	Clip	28	147-7695	1	Cable-Throttle
12	148-0284	1	LH Upper Pod W/Decal ASM	29	139-2402	1	Cable-Choke
13	148-0280	1	RH Upper Pod W/Decal ASM	30	137-3110	18	Screw-Plastite, HWH
14	148-0312-P11	1	Plate-Control	31	138-0689	5	Screw-PH
15	148-0022	1	Decal-Control Panel	32	148-0104	2	Screw-Torx
				33	32144-41	8	Screw-Taptite
				34	148-0912	1	Decal-Shield HD, LH
				35	148-0913	1	Decal-Shield HD, RH

Fuel Tank Assembly No. 145-6304



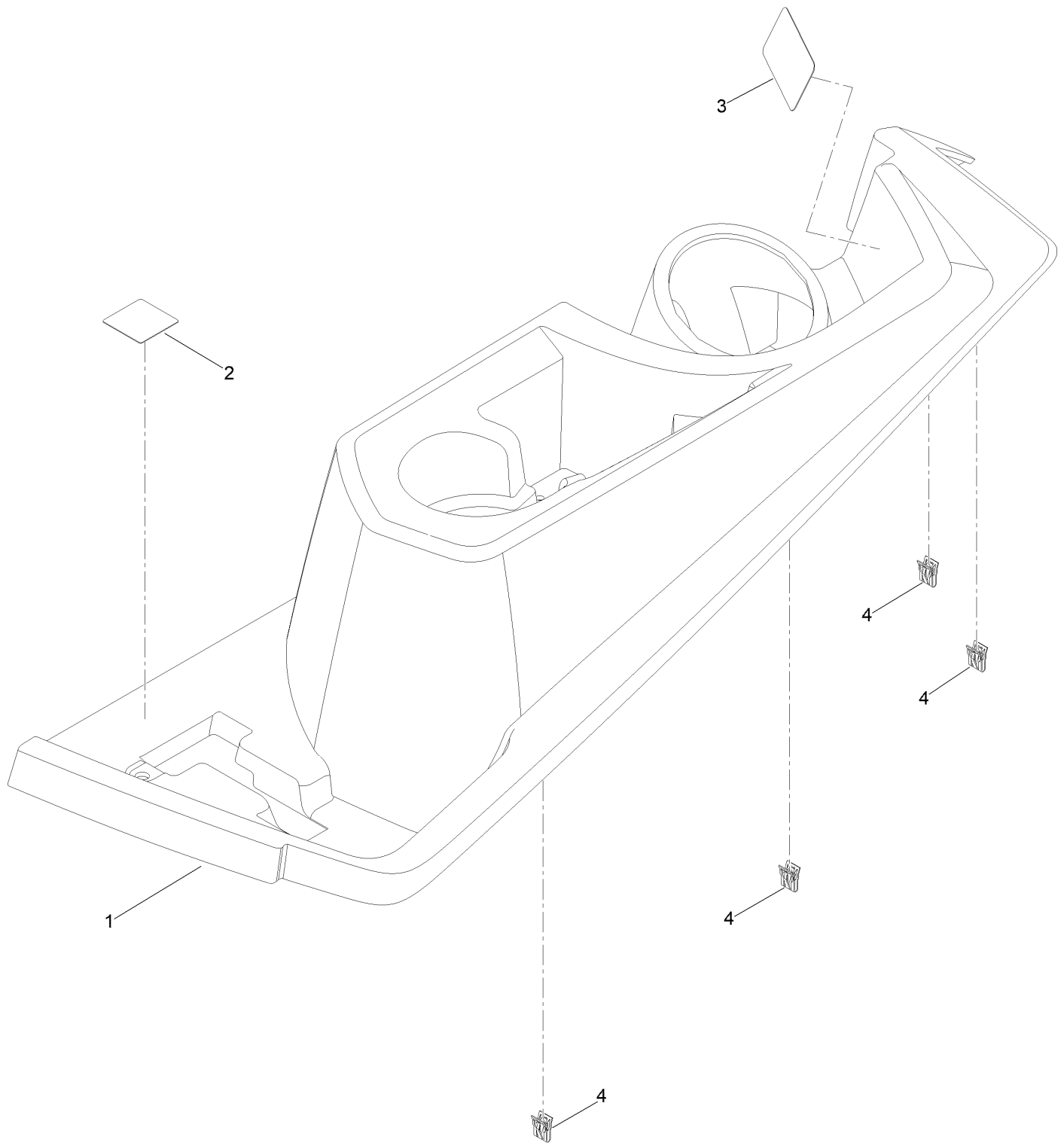
Fuel Tank Assembly No. 145-6304 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1		1	Tank-Fuel ●
2	46-6560	2	Bushing

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
3	144-5302	1	Fitting-Elbow 90
4	147-2934	1	Fitting-Pickup, Fuel

● Not serviced separately

LH Upper Pod W/Decal Assembly No. 148-0284



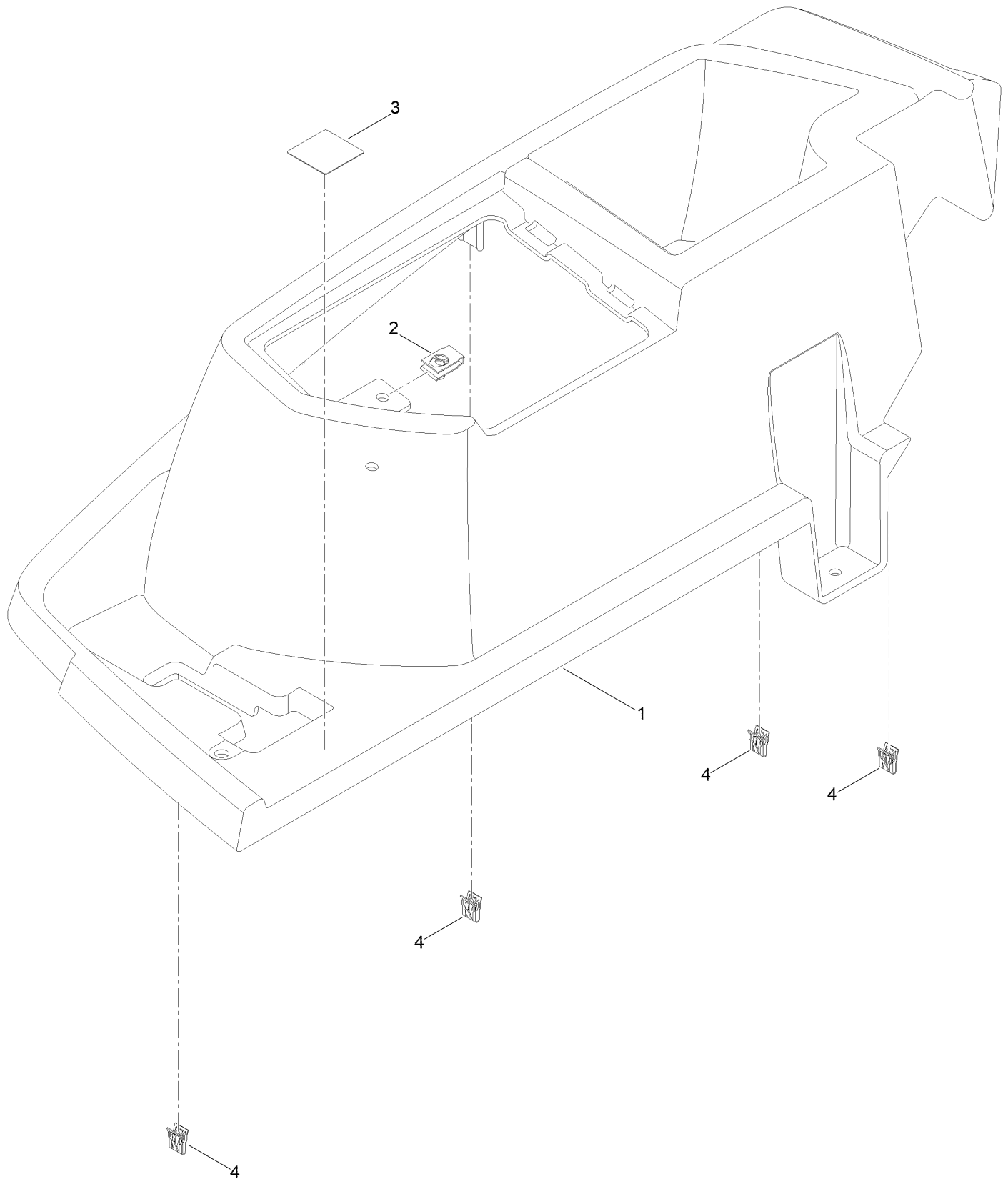
LH Upper Pod W/Decal Assembly No. 148-0284 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1		1	Pod-Upper, LH ●
2	148-0315	1	Decal-Control, LH

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
3	148-0433	1	Decal-Fuel Fill
4	148-0423	4	Clip

● Not serviced separately

RH Upper Pod W/Decal Assembly No. 148-0280

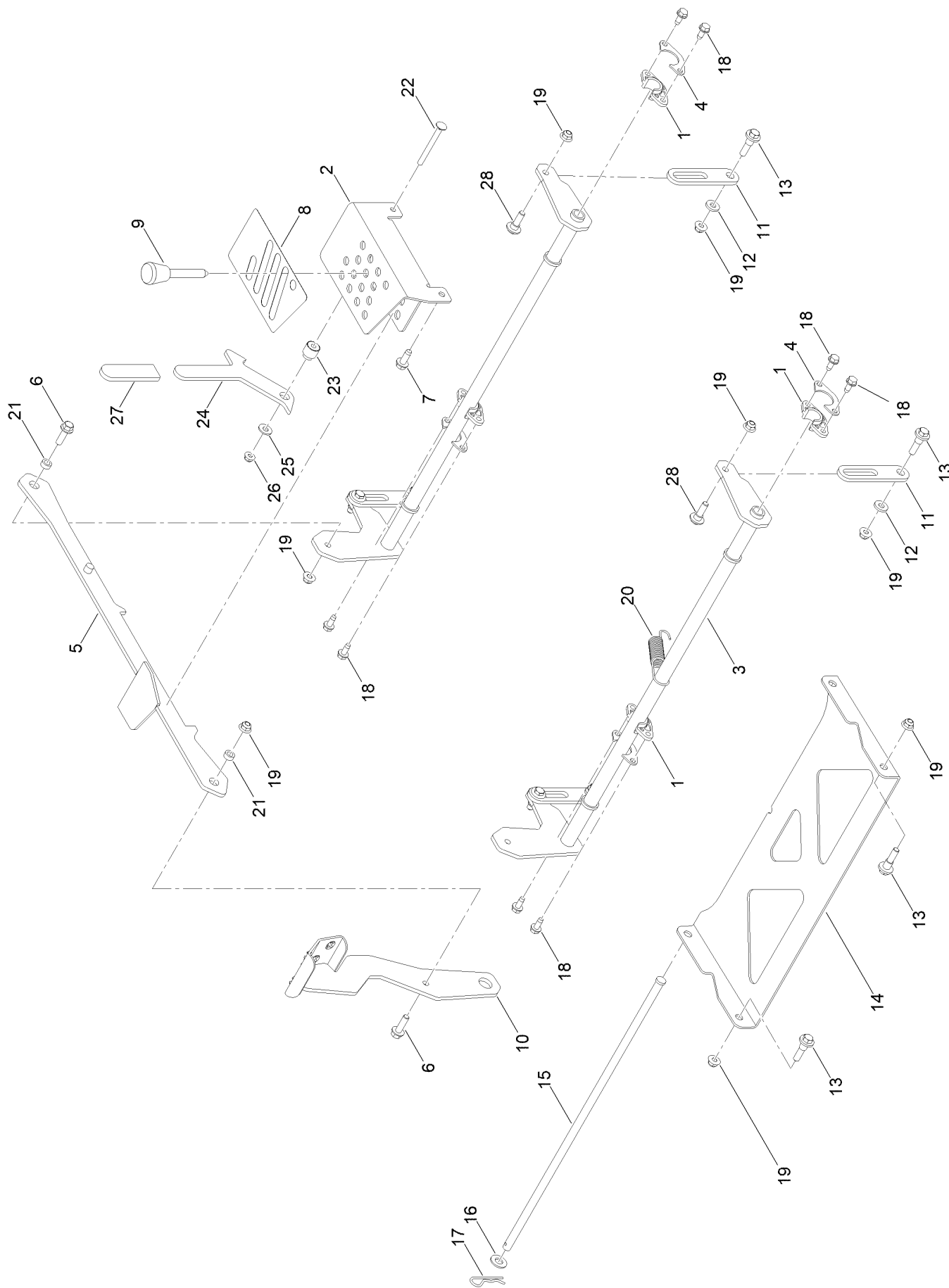


RH Upper Pod W/Decal Assembly No. 148-0280 (continued)

<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		1	Pod-Upper, RH ●	3	148-0314	1	Decal-Control, RH
2	107069	1	Clip	4	148-0423	4	Clip

● Not serviced separately

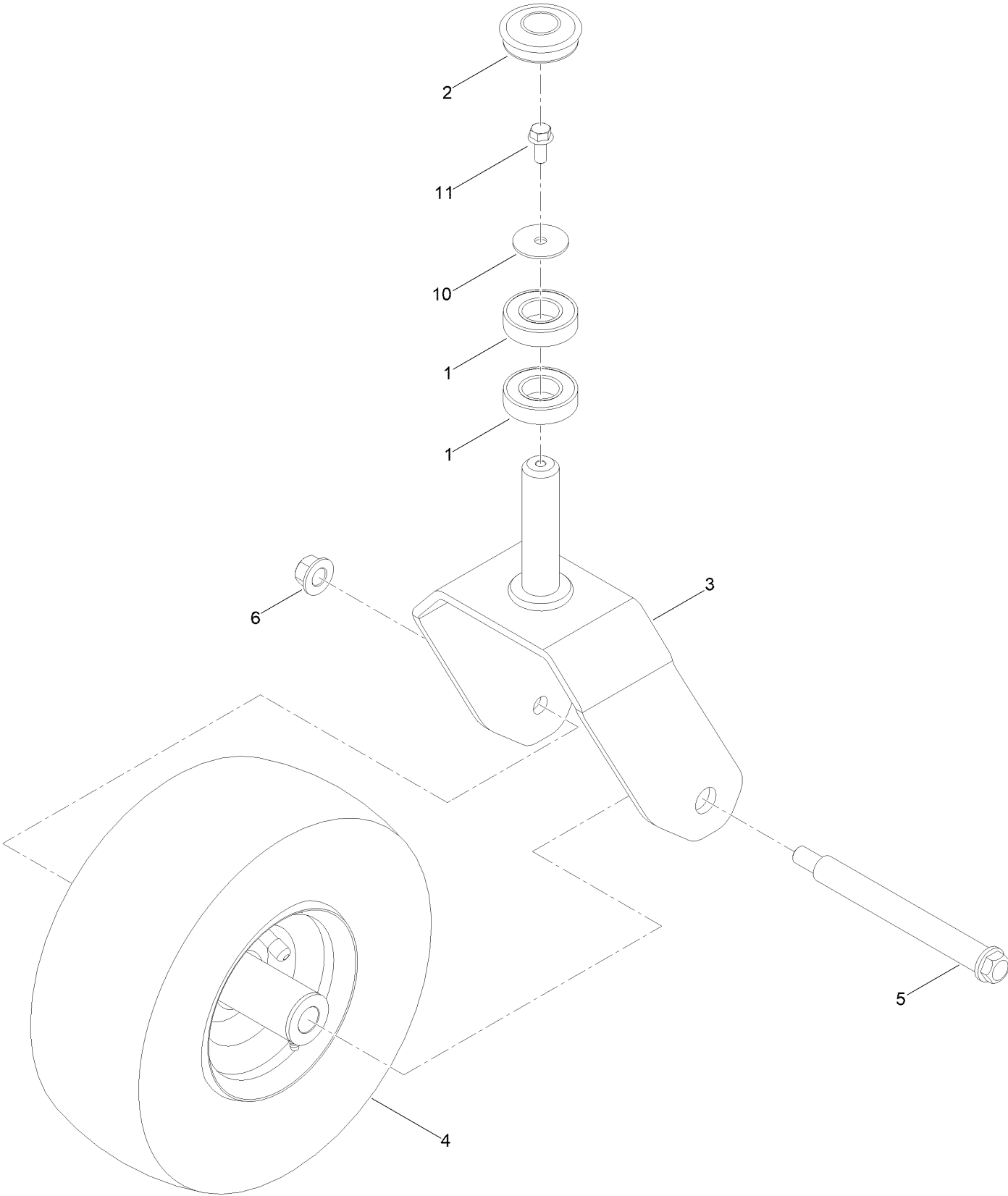
Decklift Assembly



Decklift 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	139-5872	4	Bearing-Flange	15	145-6288	1	Pin-Deck
2	145-6260-P11	1	Bracket-HOC	16	139-2611	1	Washer-Flat
3	161-4632-P11	2	Pivot	17	139-2562	1	Pin-Hair
4	138-7204	4	Gusset-Deck Lift	18	32144-70	8	Screw-HWHTF
5	145-6262-P11	1	Link-HOC	19	119-4042	12	Nut-HF, NI
6	119-4061	2	Screw-HHF	20	138-7206	1	Spring-Extension
7	139-2428	1	Screw-HWH	21	140-2093	2	Spacer
8	148-0432	1	Decal-HOC	22	138-0741	1	Screw-CARR
9	140-2146	1	HOC Pin ASM	23	145-6282	1	Spacer-Stepped
10	145-6278-P11	1	Pedal	24	145-6279	1	Plate-Transport Lock
11	148-0463-P11	4	Link-HOC	25	137-3082	1	Washer-Plain
12	138-7207	4	Spacer-Hub, Blower	26	119-4041	1	Nut-HF
13	130-0742	6	Bolt-Shoulder	27	140-0413	1	Grip-Handle
14	145-6248-03	1	Pan-Deck Pivot	28	614672	4	Screw-Shoulder, HWH

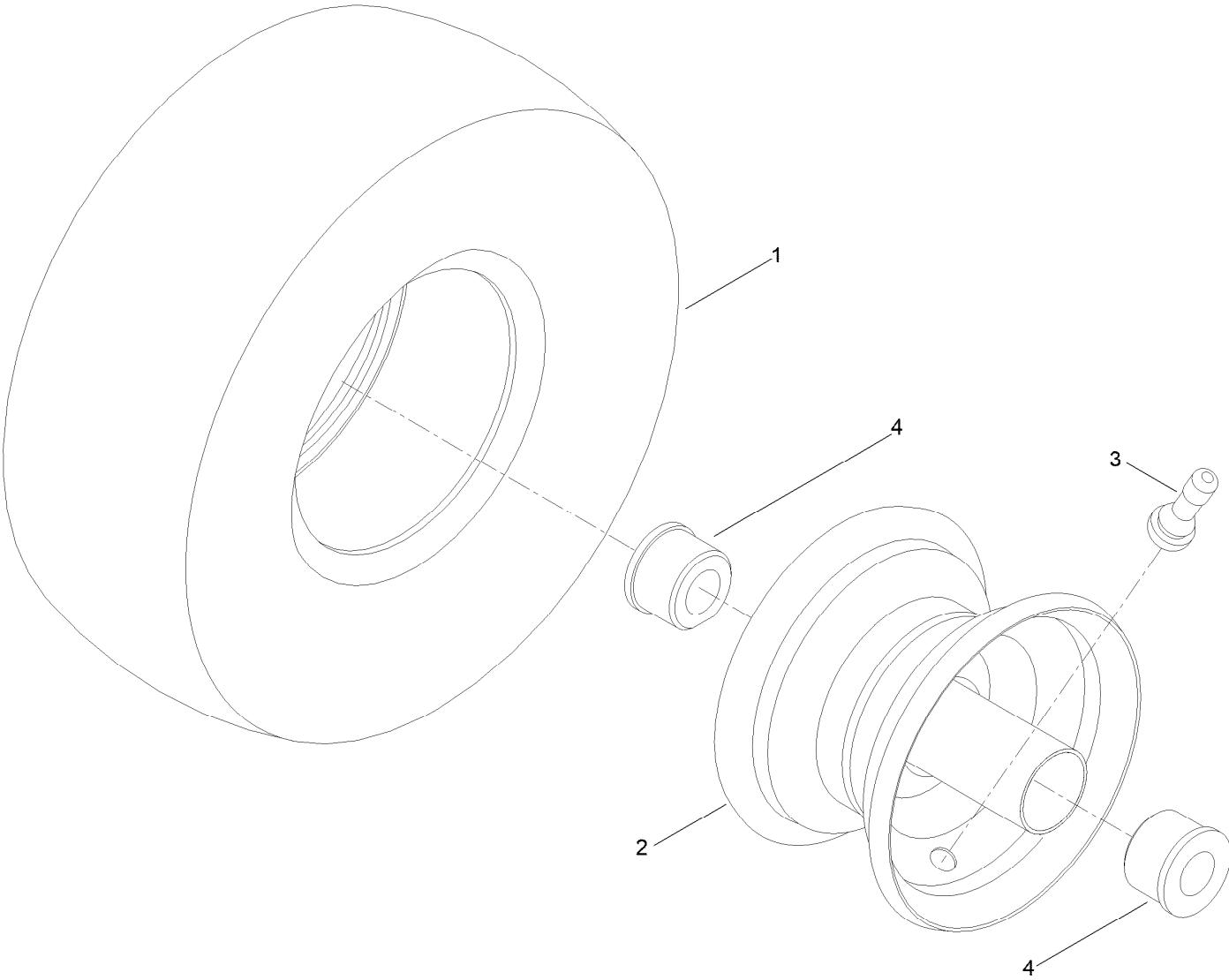
Caster Wheel Assembly



Caster Wheel 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	109-3678	4	Bearing-Ball	5	145-4649	2	Screw-Shoulder HHF
2	144-0375	2	Cap, Grease	6	99-5107	2	Nut-Lock
3	145-4674-P11	2	Fork	10	115-1151	2	Washer-Flat
4	145-4692	2	Wheel ASM - Caster 12X6-5	11	139-2598	2	Screw-HHF

Wheel Assembly No. 145-4692

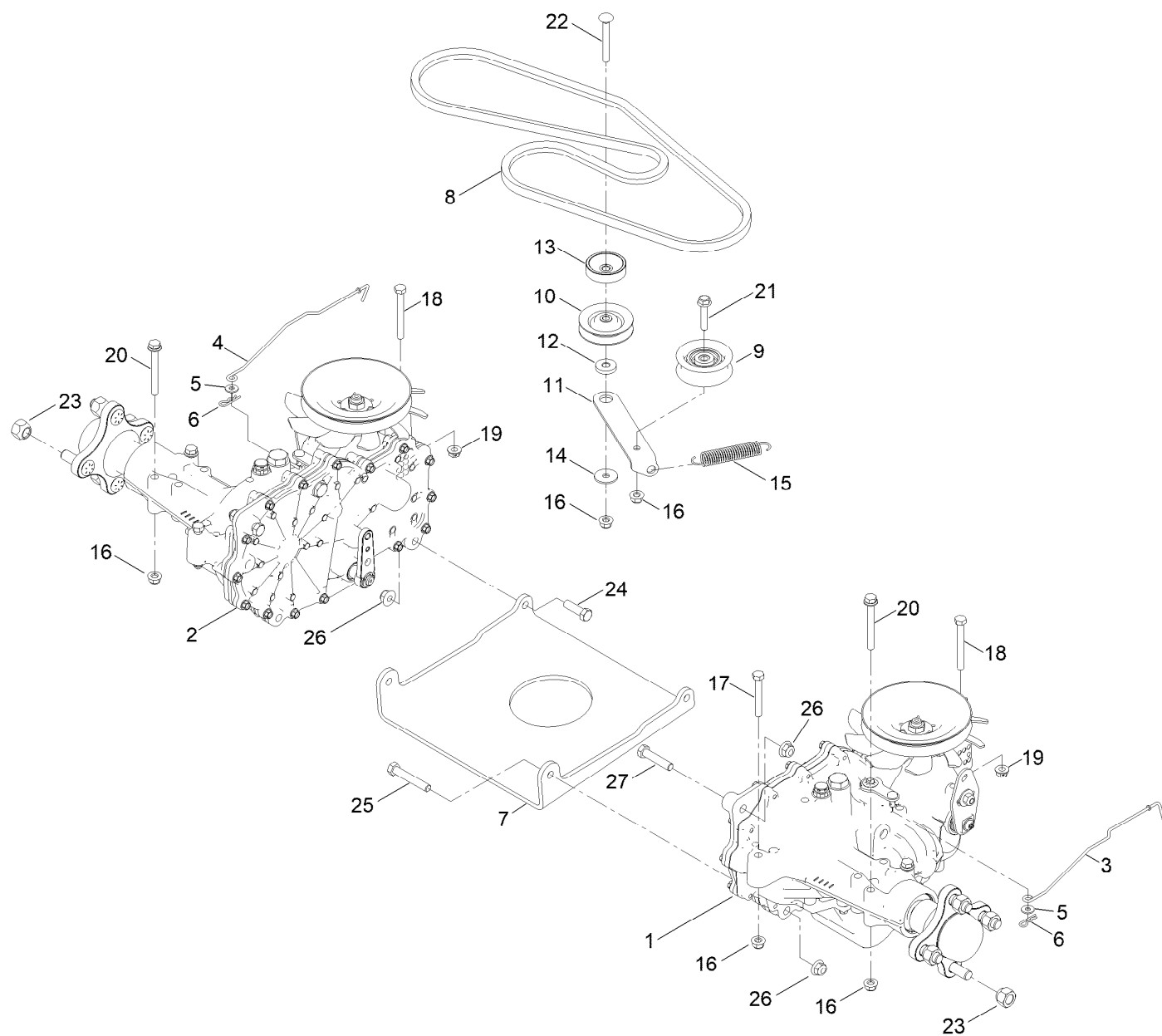


Wheel Assembly No. 145-4692 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	145-4672	1	Tire 12X6-5
2	145-4673	1	Wheel (W/ Zerk And Bushings)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
3	232-27	1	Stem-Valve
4	114-1640	2	Bushing-Flange

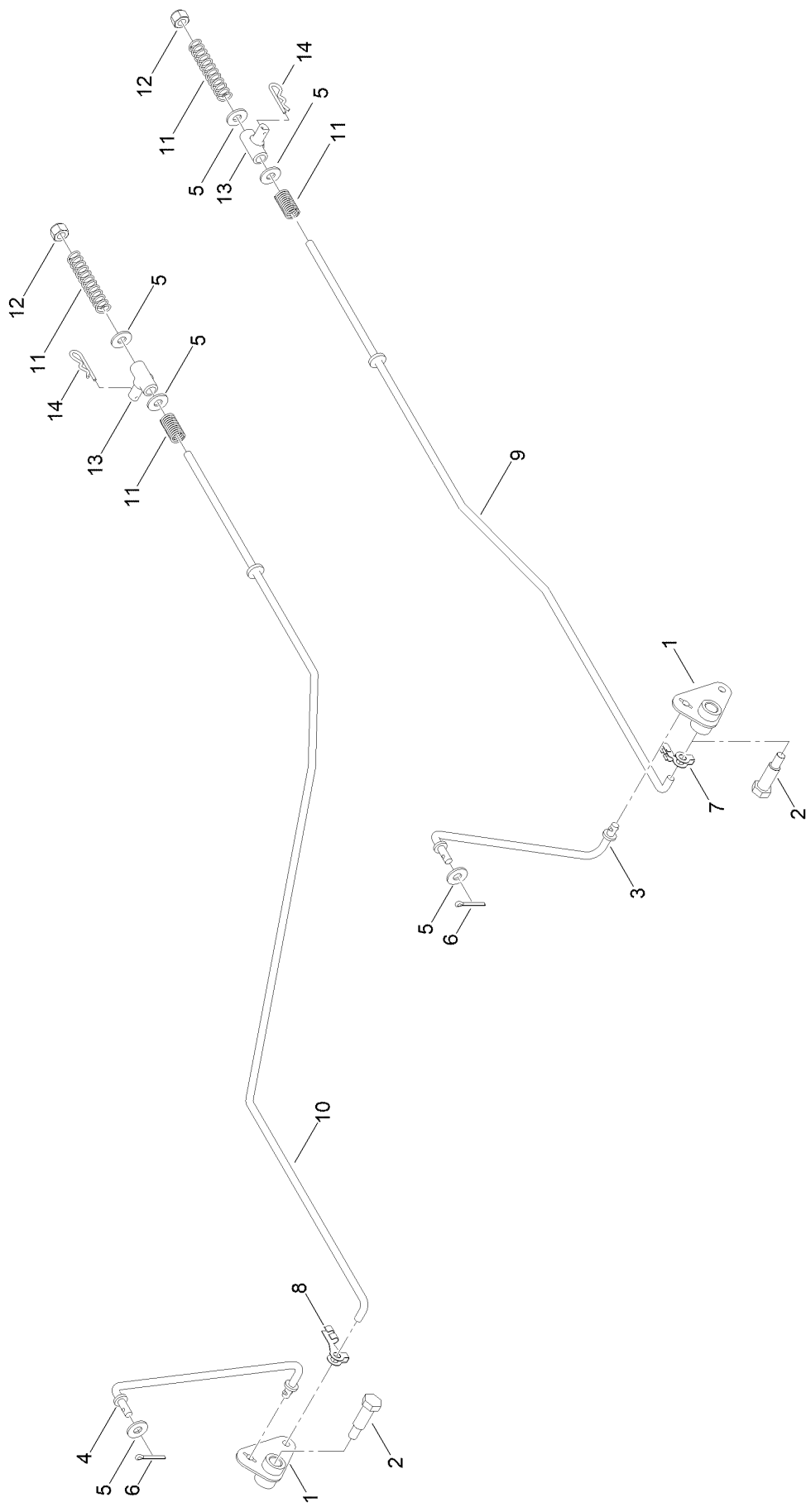
Traction Control Assembly



Traction Control 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	163-3131	1	LH Hydro Transaxle ASM	15	137-7040	1	Spring-Return, Pedal
2	163-3132	1	RH Hydro Transaxle ASM	16	104-8300	8	Nut-HF, NI
3	147-2987	1	Rod-Bypass, LH	17	322-11	2	Screw-HH
4	147-2986	1	Rod-Bypass, RH	18	145-6388	2	Screw-HH Spcl
5	119-8952	2	Washer-Spcl	19	139-2574	2	Nut-HF
6	3290-307	2	Pin-Cotter	20	138-7590	4	Screw-HHF
7	145-6383-03	1	Plate-Hydro	21	115-1794	1	Screw-HHF
8	145-6361	1	V-Belt (A Sec 63.8 EI)	22	3230-8	1	Screw-CARR
9	138-7597	1	Pulley-Idler, Flat	23	139-2564	8	Nut-Lug
10	68-0030	1	Idler	24	323-7	2	Screw-HH
11	147-2925	1	Arm-Idler	25	323-11	2	Screw-HH
12	138-7277	1	Spacer-Arm, Idler	26	104-8301	6	Nut-HF, NI
13	138-9809	1	Spacer	27	323-9	2	Screw-HH
14	5-4460	1	Washer-Pivot				

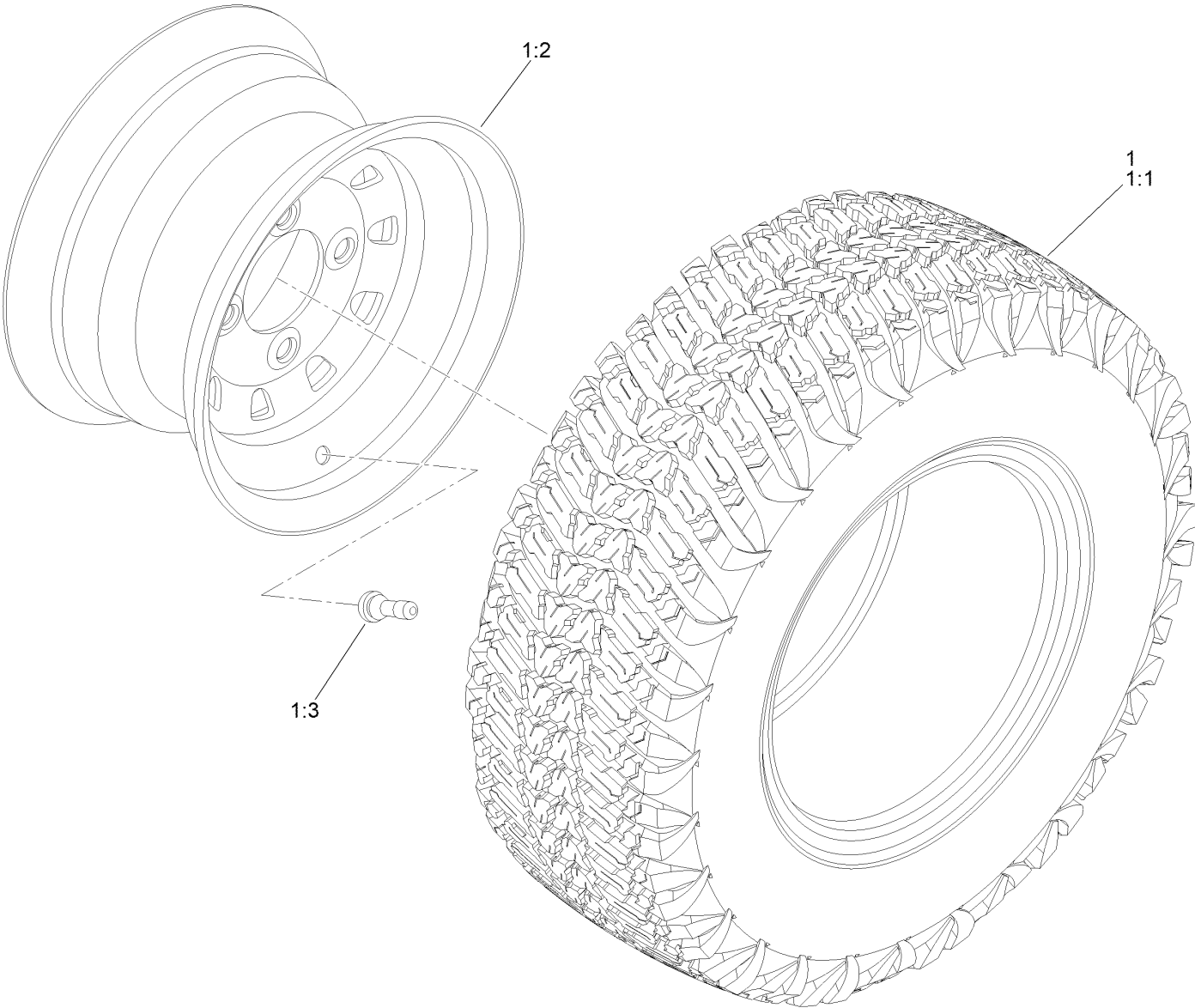
Brake Assembly



Brake 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	161-6420	2	Bellcrank	8	144-1815	1	Clip-Rod, RH (7R, 1/4In)
2	145-6364	2	Bolt-Shoulder	9	145-6372	1	Rod-Brake LH
3	145-4607	1	Link-Brake, LH	10	145-6371	1	Rod-Brake, RH
4	145-6238	1	Link-Brake, RH	11	121-5654	4	Spring-Compression
5	119-8952	6	Washer-Spcl	12	3296-42	2	Nut-Lock, NI
6	120-9716	2	Pin-Cotter	13	119-8857	2	Mount-Pivot
7	144-1816	1	Clip-Rod, LH (7L, 1/4In)	14	3290-307	2	Pin-Cotter

Rear Wheel and Tire Assembly

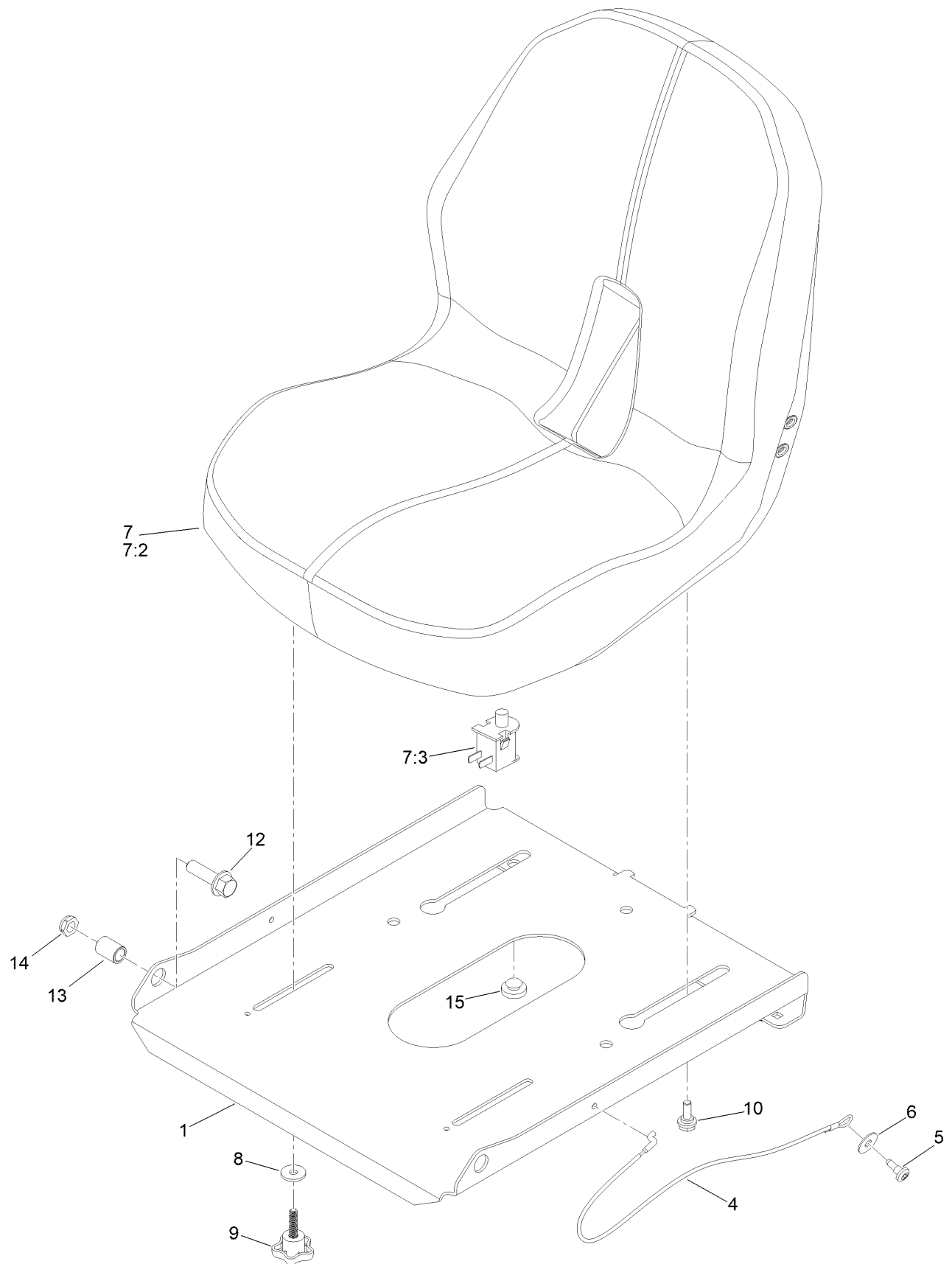


Rear Wheel and Tire Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	422-0051-00	2	Tire ASM
1:1	422-0055-00	1	Tire

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1:2	422-0060-00	1	Rim
1:3	232-27	1	Stem-Valve

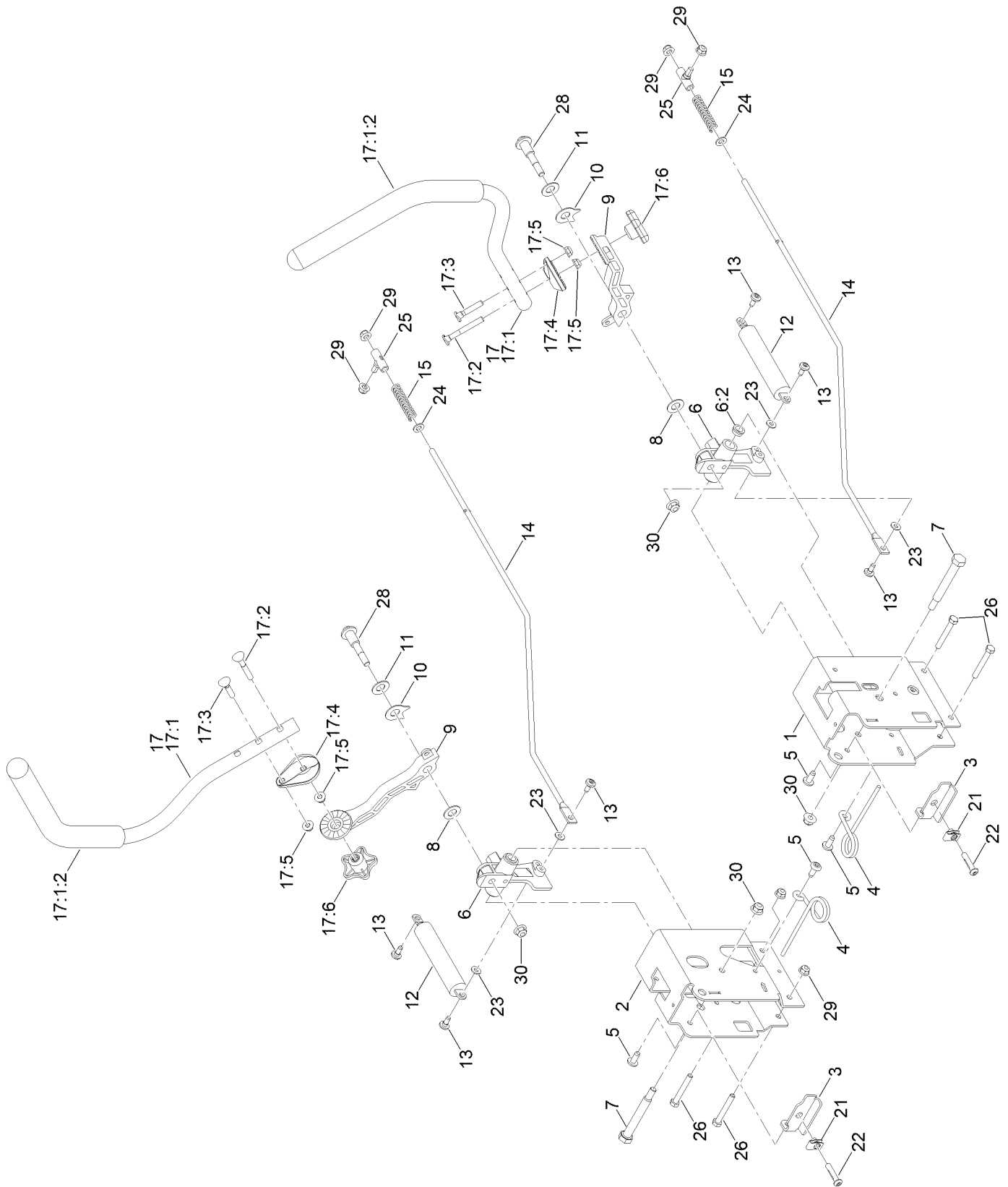
Seat Pan Assembly



Seat 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	163-3158-P11	1	Pan-Seat, Lowered	8	1-603716	2	Washer-Friction
4	139-2398	1	Cable-Lanyard	9	139-2401	2	Knob
5	135-2015	1	Screw-Shoulder	10	147-5174	2	Bolt-Shoulder,Hfh
6	147-5287	1	Washer-Flat	12	130-6481	2	Screw-HHF
7	163-3105	1	Seat-Shield HD	13	161-9735	2	Bushing-Pivot, Seat
7:2	82-2190	1	Switch-Bail	14	3296-45	2	Nut-Hex
7:3	163-3139	1	Cover-Seat	15	135-0505	2	Bumper-Seat

Motion Control Assembly

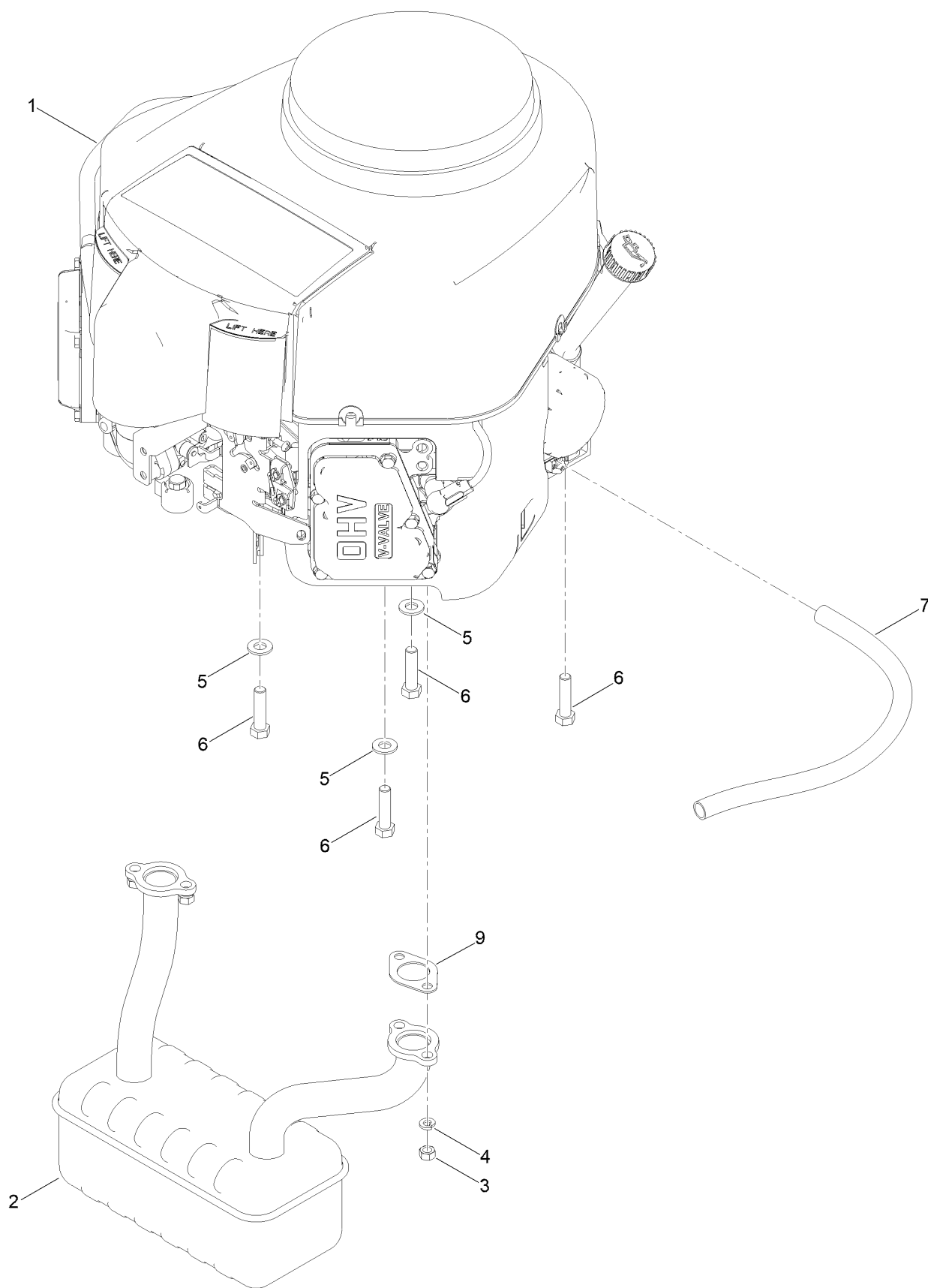


Motion Control Assembly (continued)

<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	145-4615-03	1	Control Box - LH G7	17:1		1	Handle-Control ●
2	145-4647-03	1	Control Box - RH G7	17:1:2	147-3029	1	Grip
3	147-7580-03	2	Adjustment Plate-Control Box	17:2	145-6366	1	Screw-Handle
4	145-6253	2	Spring-Torsion	17:3	137-3008	1	Screw-Handle
5	138-9753	4	Screw	17:4	147-5192-05	1	Disc-Adjustment Handle, 32 Teeth
6	145-4648	2	Pivot Arm ASM	17:5	138-8401	2	Nut-HF
6:2	256-156	2	Bushing-Flange	17:6	117-5976	1	Knob-Handle
7	115-5099	2	Bolt-Pivot	21	112-3306	2	Nut
8	120-2273	2	Washer-Nylon	22	126-4299	2	Screw-HSBH
9	147-5191-05	2	Arm-Control, 32 Teeth	23	119-8952	4	Washer-Spcl
10	142-8478	2	Spacer, Anti-Rotation	24	120-9683	2	Washer-Plain
11	119-8925	2	Washer-Belleville	25	138-7218	2	Mount-Rod, Hydro
12	132-6853	2	Damper-Non Cavitating	26	120-9738	4	Screw-HH
13	120-7950	6	Screw-Torx	28	117-1198	2	Bolt-Pivot
14	145-4699	2	Rod - Hydro, LH	29	104-8300	8	Nut-HF, NI
15	138-7252	2	Spring-Compression	30	104-8301	4	Nut-HF, NI
17	161-6526	2	Control Handle ASM				

● Not serviced separately

Engine and Muffler Assembly



Engine and Muffler Assembly (continued)

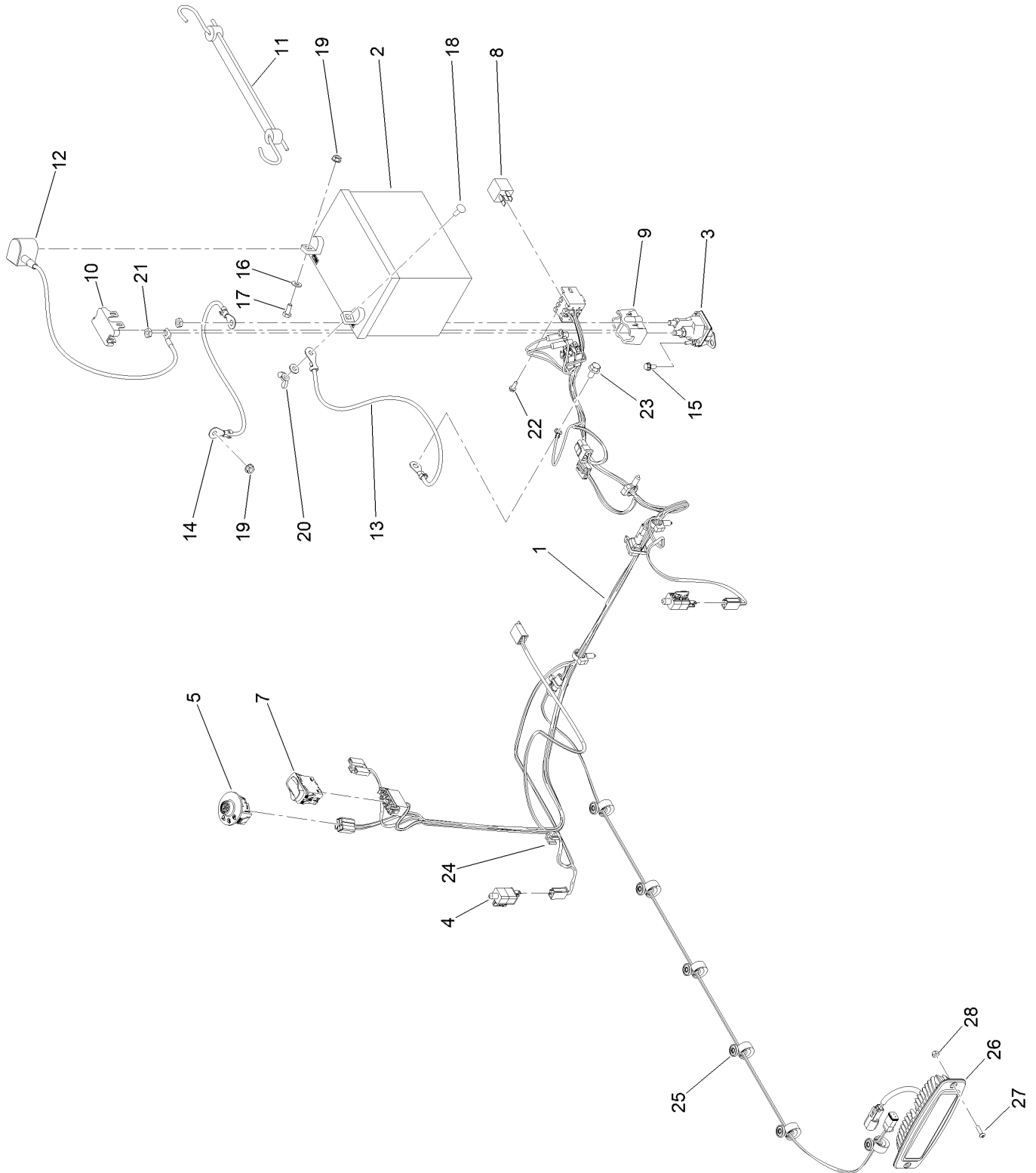
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1		1	Engine-Kawasaki, Fr691V-_s07-R ●■
2	139-5867	1	Muffler
3	114-3549	4	Nut
4	114-3550	4	Washer-Lock

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
5	3256-24	3	Washer-Plain
6	323-50	4	Bolt-HH
7	106-7022	1	Tube-Drain, Oil
9	1-653313	2	Gasket-Exhaust

● Not serviced separately

■ Obtain parts from www.kawpower.com

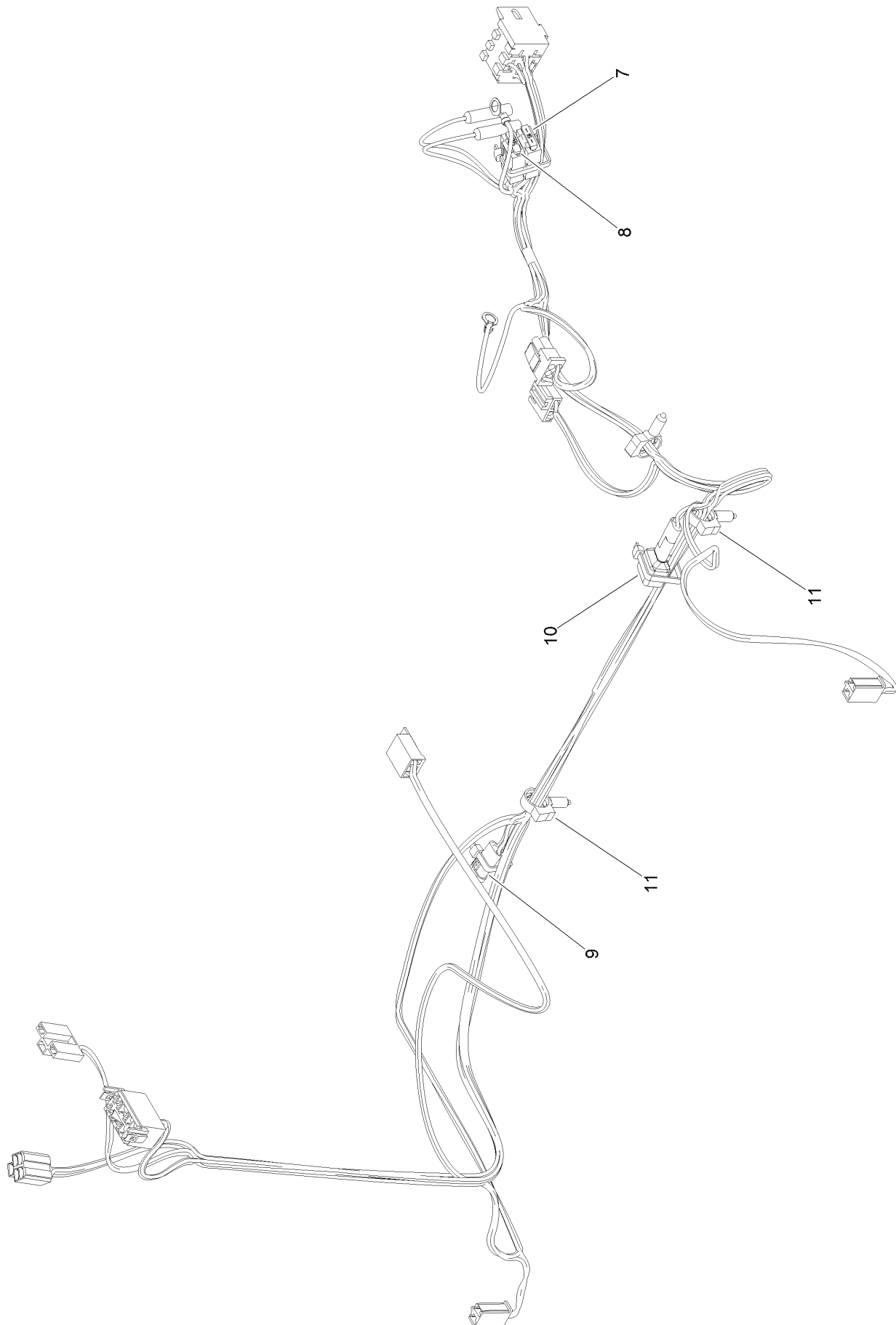
Electrical Assembly



Electrical 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	145-6382	1	Harness-Wire, Main	16	3256-22	2	Washer-Flat
2	140-2076	1	Battery - Wet	17	321-3	1	Screw-HH
3	117-1197	1	Solenoid	18	3229-1	1	Screw-CARR
4	110-6765	2	Switch	19	32128-33	2	Nut-HF
5	137-4100	1	Switch-Ignition	20	32103-22	1	Nut-Wing
7	139-6368	1	Switch-Rocker, On-None-On	21	3220-2	2	Nut-Jam
8	1-643275	1	Relay	22	139-1713	1	Screw-Thd Roll
9	140-2080	1	Cover-Solenoid	23	33104-016	1	Screw-HHF
10	140-2081	1	Cap-Solenoid	24	32180-082	1	Clip-Edge W/Tie, Perpendicular
11	104-2466	1	Holddown-Battery	25	147-8832	1	Harness-Wire. LED Lights
12	147-2941	1	Cable-Battery, Red	26	139-8089	1	Mount-Flush, Light
13	119-8899	1	Cable-Battery, Black	27	104-2408	2	Screw-HSBH
14	121-0711	1	Cable-Battery, Positive	28	3296-2	2	Nut-Lock, NI
15	32144-4	2	Screw-HWH				

Main Wire Harness Assembly No. 145-6382



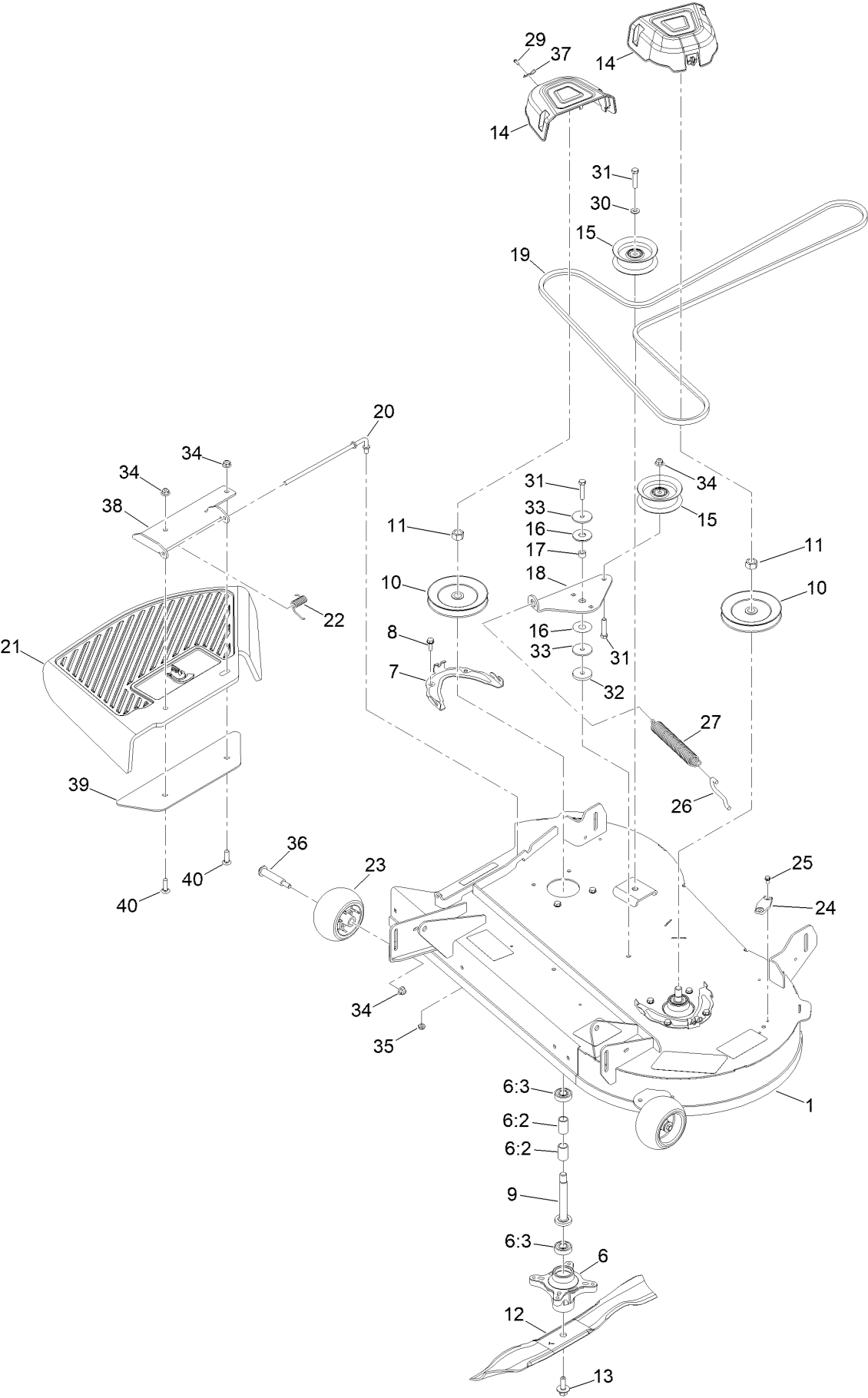
Main Wire Harness

Assembly No. 145-6382 (continued)

Ref.	Part Number	Qty.	Description
7	109355	1	Fuse-Blade, 15 Amp
8	109102	1	Fuse-Blade, 25 Amp
9	32180-435	1	Cap-Over Mold, 1M/1F

Ref.	Part Number	Qty.	Description
10	100-4918	1	Diode
11	32180-047	3	Clip-Tubing, Harness

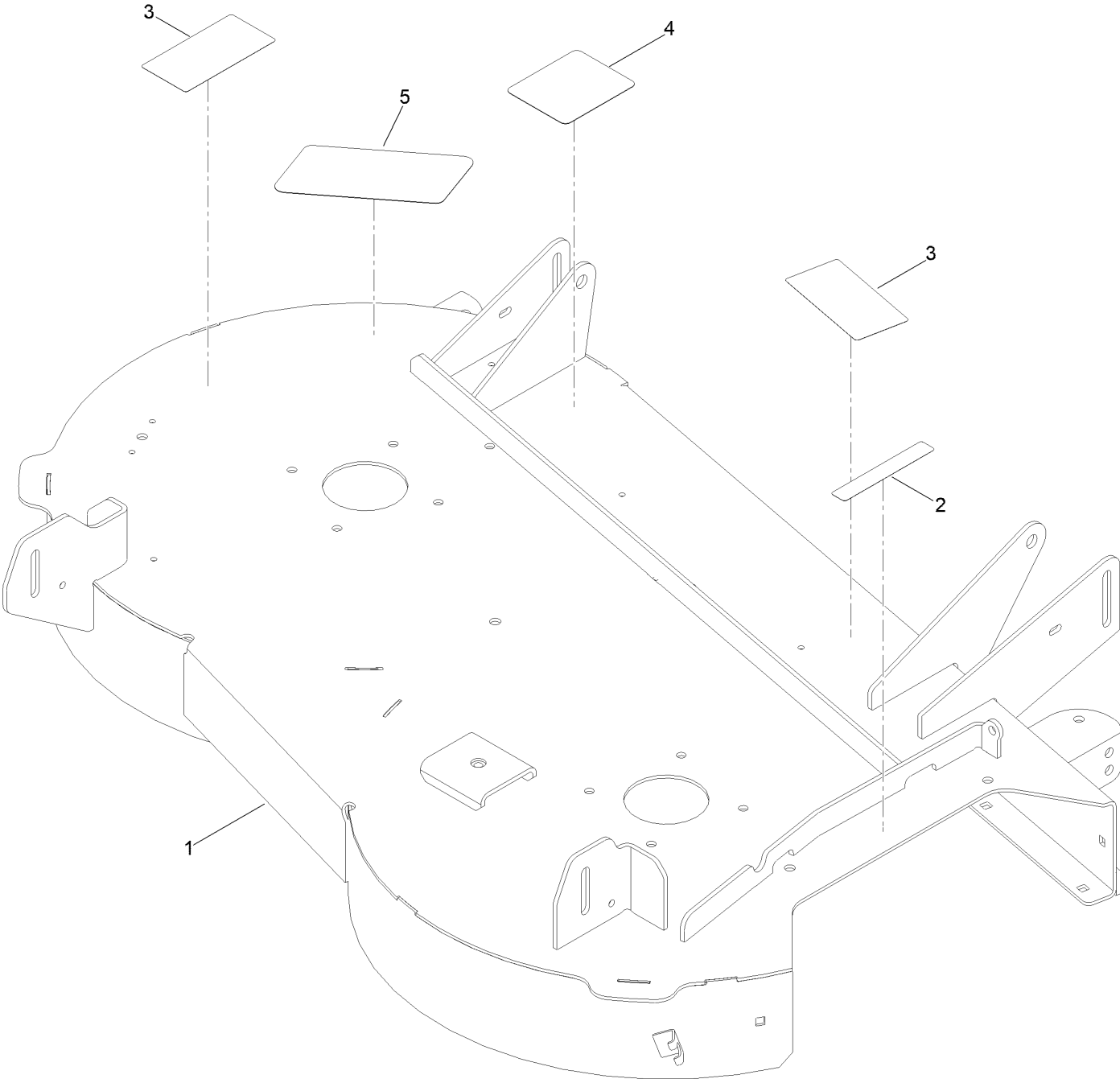
42 Inch Deck Assembly



42 Inch 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>
1	161-6440	1	42 In Deck & Decal ASM	22	138-7268	1	Spring-Torsion
6	139-3214	2	Spindle ASM	23	1-603299	2	Roller-Scalp, Anti
6:2	120-7935	2	Spacer	24	136-4171	1	Cover-Washout Port
6:3	138-9770	2	Bearing-Ball	25	32144-4	2	Screw-HWH
7	139-3272-03	2	Bracket-Cover, Belt	26	138-7267	1	Hook-Spring, Return
8	32144-41	8	Screw-Taptite	27	138-7265	1	Spring Extension
9	117-7268	2	Shaft-Spindle	29	94-6961	2	Screw
10	139-2433	2	Pulley	30	3256-24	1	Washer-Plain
11	3219-6	2	Nut-Hex	31	323-9	3	Screw-HH
12	137-1999-03	2	Blade	32	110-9981	1	Washer-Plain
13	145-0411	2	Bolt-Blade, Sems	33	63-7400	2	Washer-Rebound
14	144-1905	2	Cover-Belt	34	104-8301	6	Nut-HF, NI
15	132-9420	2	Pulley-Idler, Flat	35	3296-59	1	Nut-Lock, NI
16	114-0463	2	Washer-Friction, Composite	36	112-3977	2	Bolt-Shoulder
17	115-4986	1	Spacer	37	144-1944	2	Pin-Hair
18	138-7262	1	Arm-Idler	38	161-6435-P11	1	Bracket-Discharge, Top [gray]
19	119-8819	1	V-Belt	39	161-6437-P11	1	Support-Deflector [gray]
20	137-2019	1	Rod-Pivot	40	3231-28	2	Screw-CARR
21	148-0399	1	Deflector-Discharge				

Deck Decal Assembly No. 161-6440

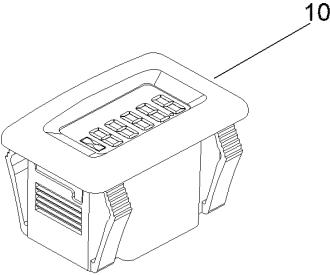
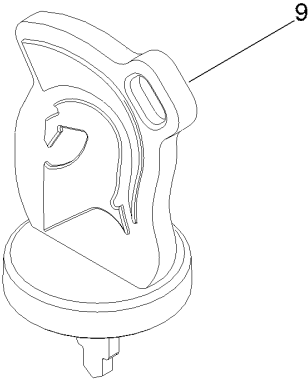
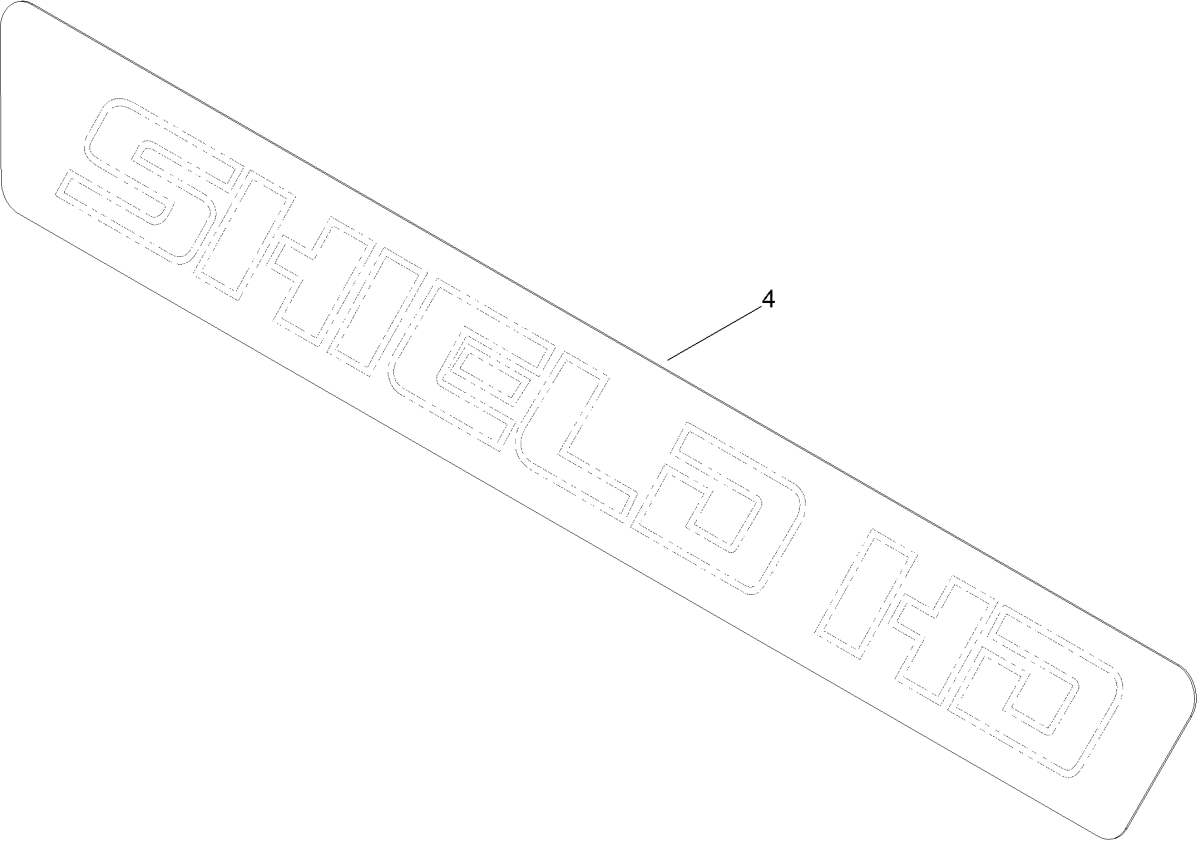


Deck Decal Assembly No. 161-6440 (continued)

<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		1	Deck-42 ●	4	148-0435	1	Decal-Belt Routing 42In
2	130-0731	1	Decal-Danger	5	148-0436	1	Decal-Deck 42In
3	132-0872	2	Decal-Danger, Deck				

● Not serviced separately

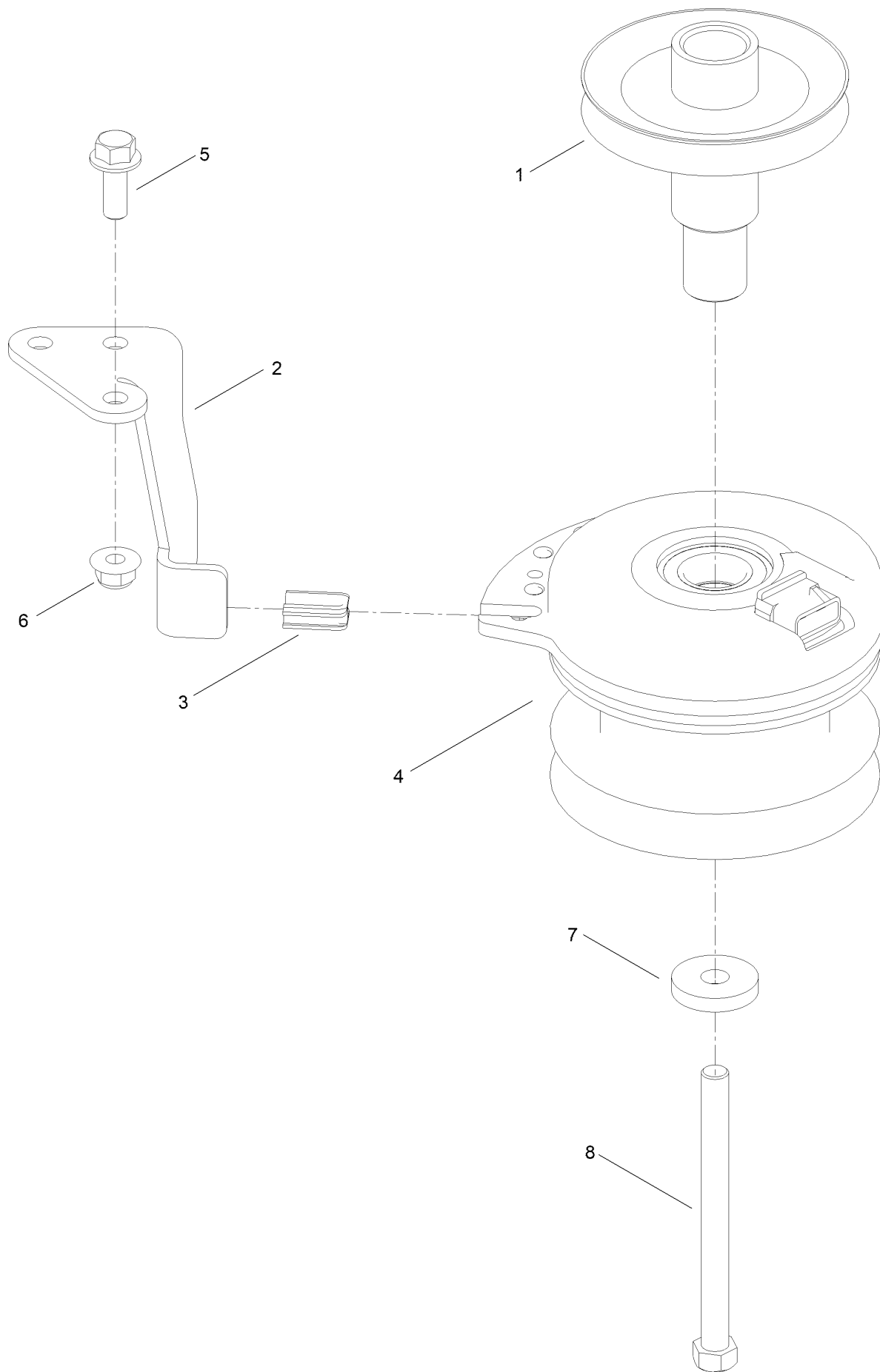
Model Specific Assembly



Model Specific Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
4	148-0914	1	Decal - Shield-HD, Front
9	148-0479	1	Key-Ignition
10	139-6404	1	Hour Meter

Clutch Assembly



Clutch 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	138-9792	1	Pulley-Engine	5	3234-42	1	Screw-HHF
2	147-7604	1	Stop - Clutch (Narrow)	6	104-8301	1	Nut-HF, NI
3	120-2217	1	Isolator-Clutch	7	112843	1	Washer
4	145-6230	1	Clutch-PTO	8	3212-19	1	Screw-HH

