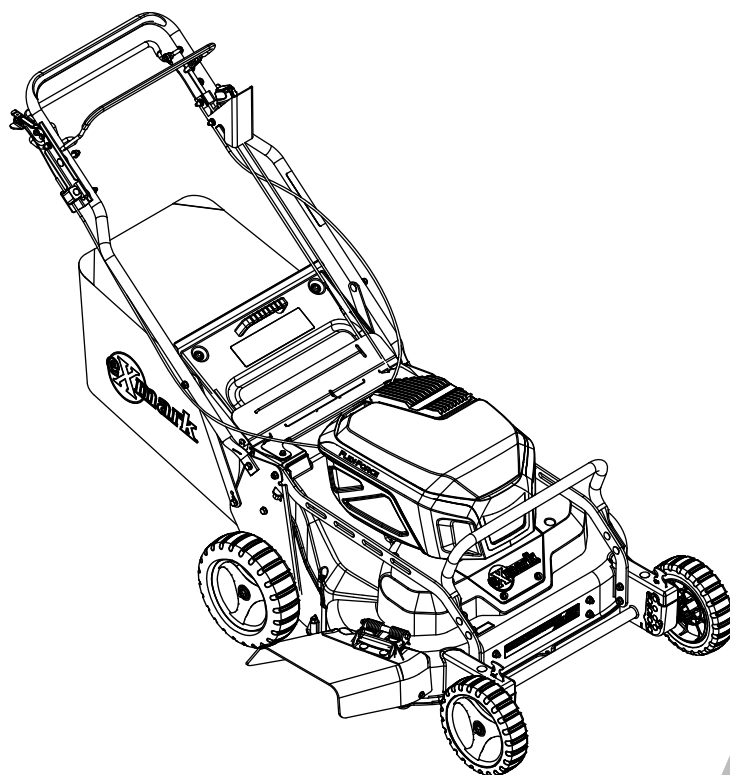




COMMERCIAL 30 V-SERIES

Model No. ECV060B0230000—Serial No. 413950474 and Up

Picture below may not reflect actual product.



Parts Manual

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

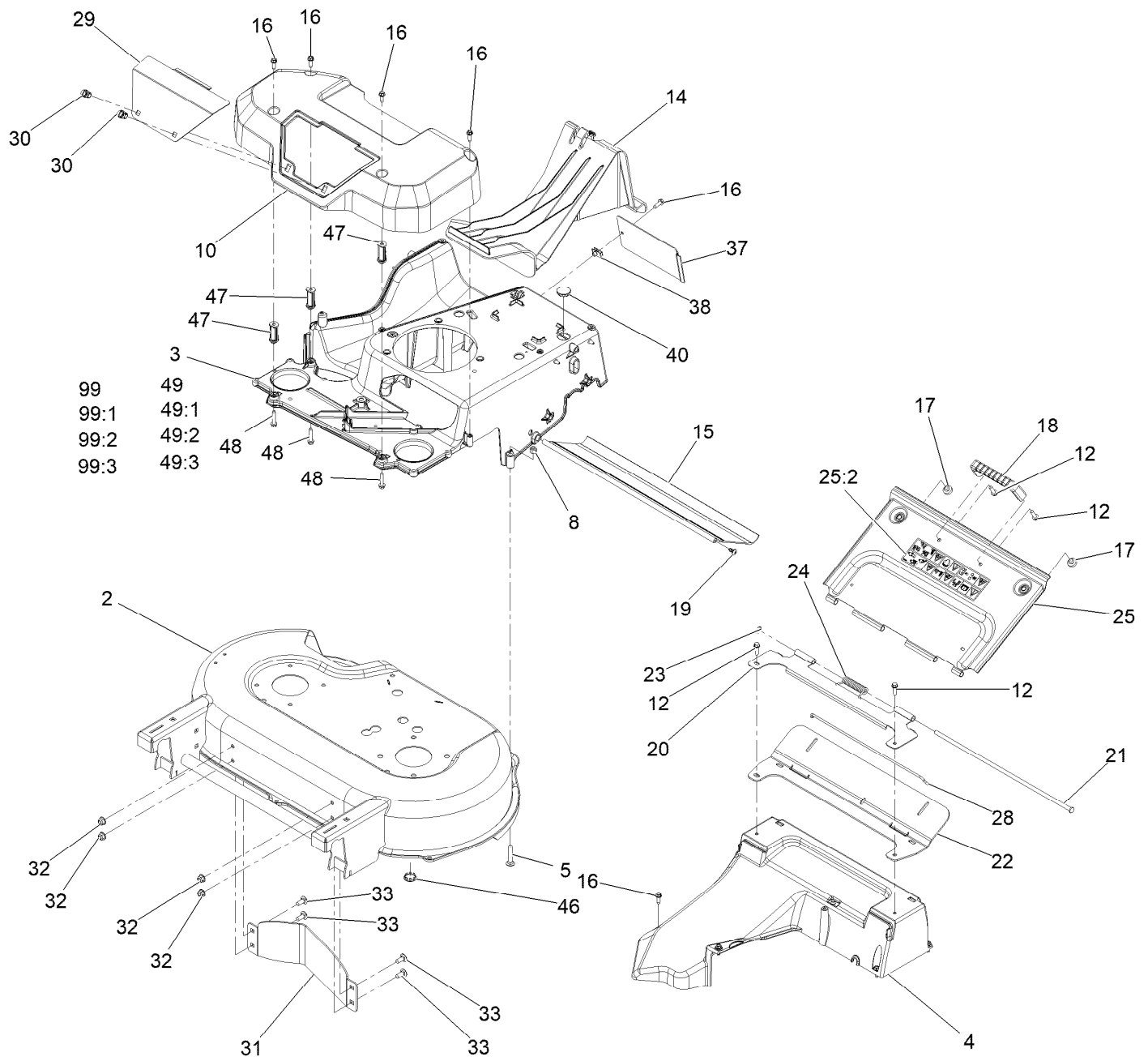
Exmark black touch up spray paint – gloss black.

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

Contents

- Deck Assembly 4
- Deck W/Decals Assembly 6
- Spindle and Blade Assembly 8
- Side Discharge Chute Assembly 10
- Bag Assembly 12
- Deck W/Decals Assembly 14
- Motor Module and Belt Assembly 16
- Motor Module 18
- Suspension Traction Assembly 20
- Handle Assembly 22
- Transmission and Wheel Assembly 24

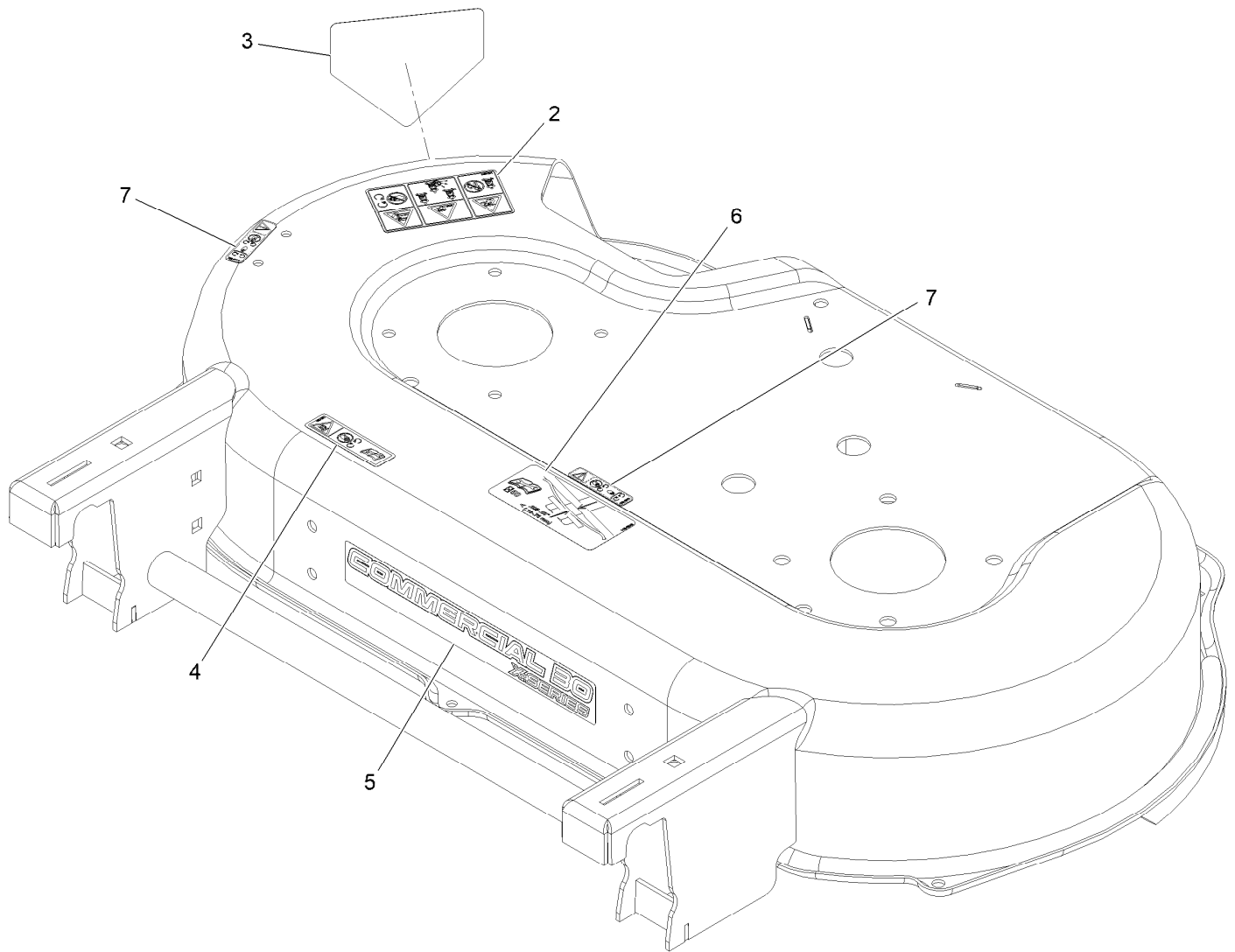
Deck Assembly



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>
2	161-3119	1	Housing ASM	28	116-6966	1	Clip-Seal
3	145-4047-01	1	Frame-30"	29	145-5899-03	1	Panel-Access
4	133-8177	1	Chute	30	121-5840	2	Fastener
5	3230-5	2	Bolt-Carriage 5/16-18 X 1 3/4	31	130-2352-01	1	Baffle-Control
8	3296-29	2	Nut-Nyloc 5/16-18	32	104-8300	4	Nut-Nyloc 5/16-18 Flg
10	145-5898	1	Cover-Belt	33	3274-55	4	Screw-Button Head 5/16-18 X 3/4
12	46-8091	4	Screw-HWH 1/4-10 X .82 Plastite	37	138-5332-01	1	Cover-Frame
14	120-5225	1	Plug-Mulch	38	107069	1	Nut-Retainer-Panel 1/4-20
15	121-5841	1	Shield-Trailing	40	126-7151	1	Plug-Button
16	49-2040	10	Screw-HWH 1/4-20 X 3/4 Tf	46	147-0471	1	Plug-Button
17	1-513658	2	Bumper	47	140-3901	3	Spacer-Frame, 30 In.
18	65-5100	1	Handle-Door	48	108-4862	3	Screw-HWH Thd Roll
19	117-1092	2	Screw-PTH	49	161-3140	1	Frame-Plate Kit
20	116-6351-03	1	Bracket-Hinge	49:1	161-3141	1	Plate-Frame, ASM
21	116-6933	1	Pin-Hinge	49:2	3229-3	3	Bolt-Carriage 1/4-20 X 1 1/4
22	116-6229	1	Seal-Door	49:3	3296-42	3	Nut-Nyloc 1/4-20
23	32151-72	1	Ring-Retaining	99	125-5072	1	Frame Plate Kit
24	116-7573	1	Spring-Torsion, Cover	99:1	125-2542	1	Plate-Frame
25	116-8355	1	Rear Door ASM	99:2	3229-3	3	Bolt-Carriage 1/4-20 X 1 1/4
25:2	116-7583	1	Decal-Warning	99:3	3296-42	3	Nut-Nyloc 1/4-20

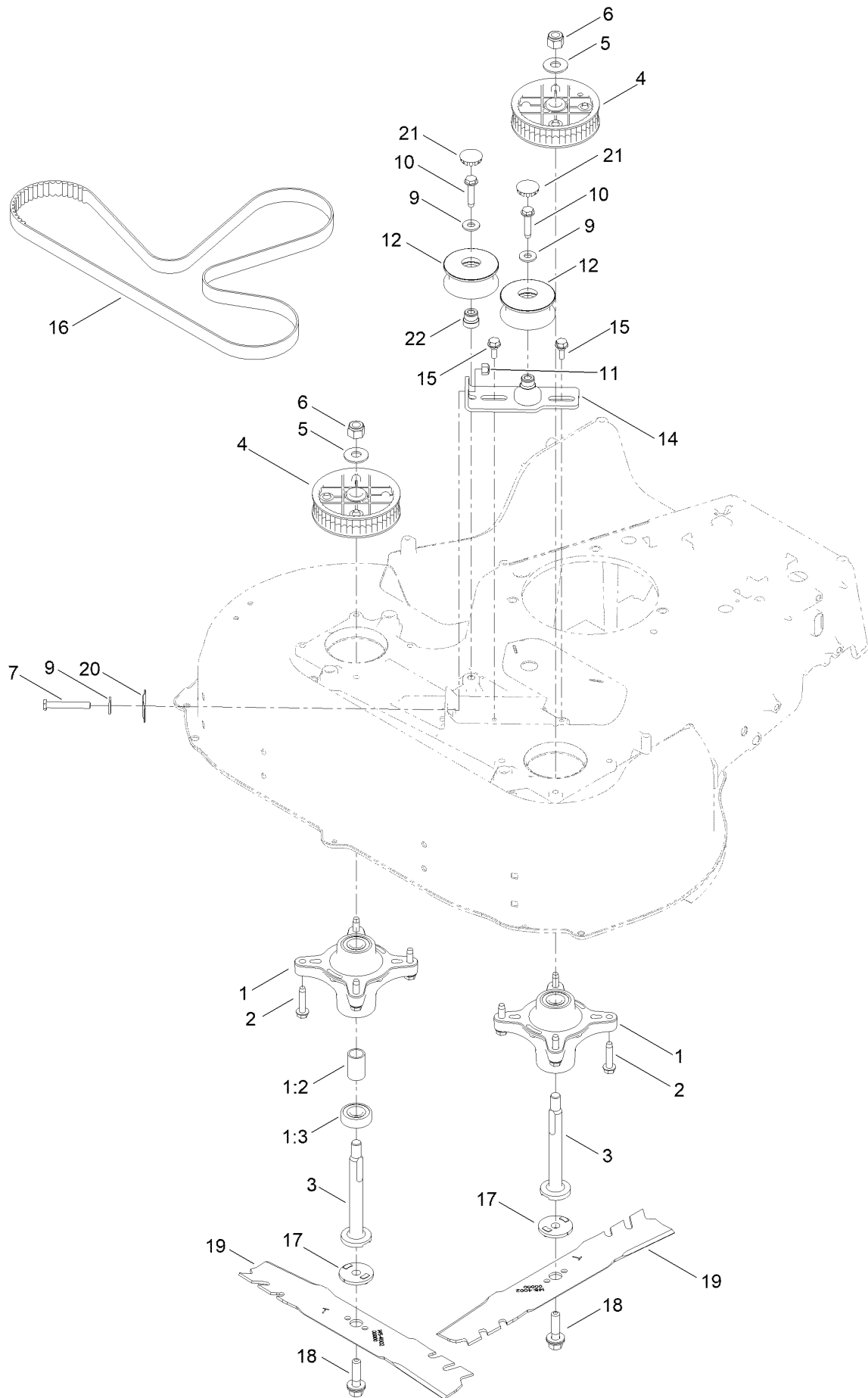
Deck W/Decals Assembly



Deck W/Decals 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>
2	145-3851	1	Decal-Danger, CE	5	142-2489	1	Decal-Comm 30 X-Series
3	94-8072	1	Decal-Danger	6	116-8528	1	Decal
4	116-7581	1	Decal-Warning	7	120-9570	2	Decal-Warning

Spindle and Blade Assembly

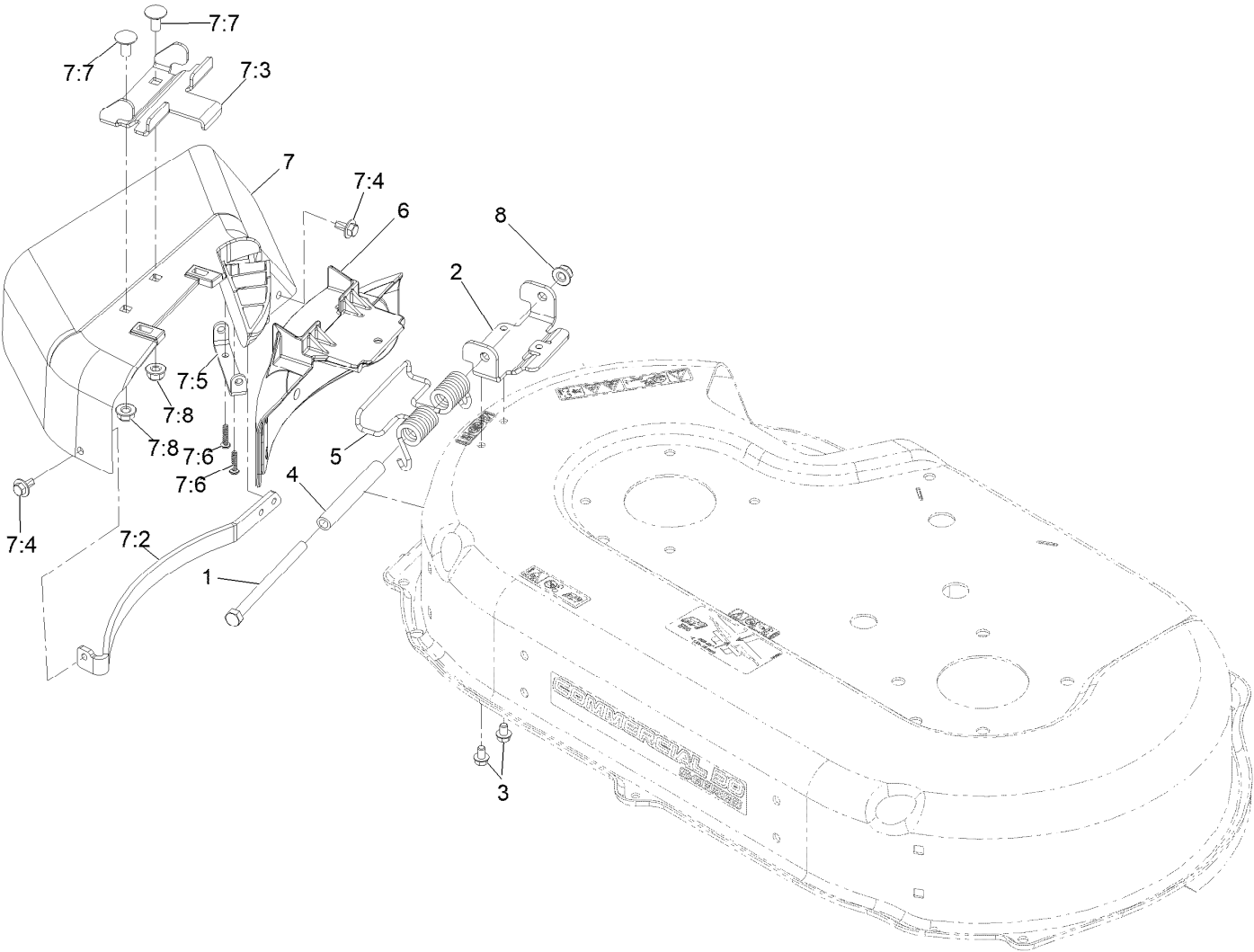


Spindle and Blade Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	121-9107	2	Spindle ASM
1:2	120-7935	2	Spacer
1:3	138-9770	2	Bearing-Ball
2	139-1731	8	Screw-Thd Roll, HWH
3	139-6612	2	Shaft-Spindle
4	121-9100	2	Sprocket
5	109-9505	2	Washer-Spring
6	3296-19	2	Nut-Hex
7	9114524	1	Bolt-TAP, HH
9	3256-3	2	Washer-Flat
10	32144-57	2	Screw
11	3296-29	1	Nut-Lock, NI

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
12	126-5880	2	Pulley-Idler, Flat
12	126-7890	1	Pulleys And Idler Kit
14	147-0470	1	Bracket-Idler
15	120-7024	2	Screw-Shoulder, HWH
16	145-4001	1	Belt-Synchronous
17	120-5236	2	Adapter-Blade
18	125-2466	2	Bolt-Blade
19	145-4002-03	2	Blade-Rotary [black]
20	121-2336	1	Spring-Flat
21	126-7151	2	Plug-Button
22	131-4504	1	Adapter-Bore

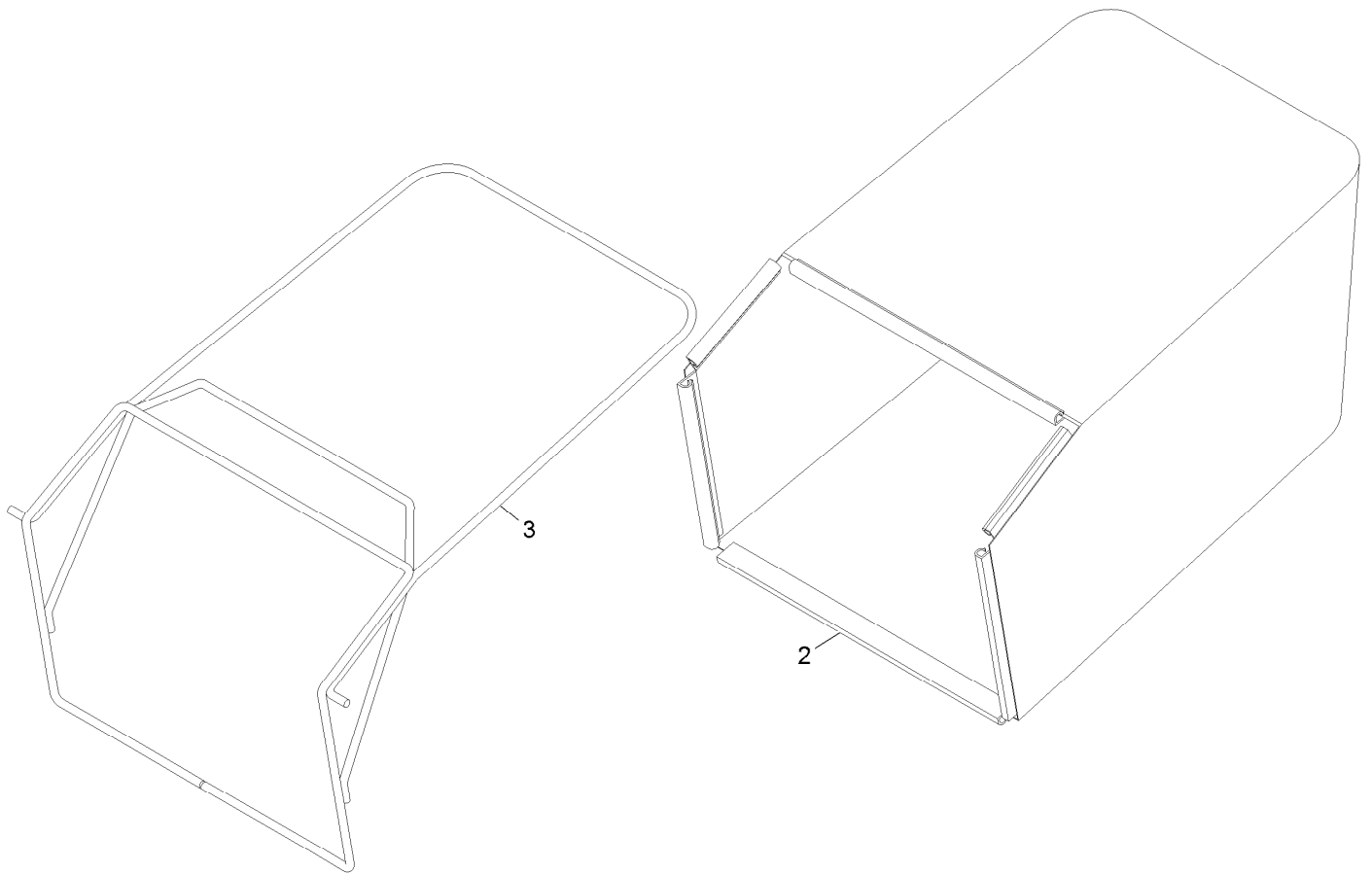
Side Discharge Chute Assembly



Side Discharge Chute 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	322-38	1	Screw-HH	7:3	121-9196	1	Bracket-Chute
2	121-9195	1	Hinge	7:4	46-8560	2	Screw-HHFTF
3	137-4795	2	Screw	7:5	112-6416	1	Bracket-Cover
4	125-2478	1	Spacer	7:6	94-4496	2	Screw-PPH
5	121-9193	1	Spring-Torsion	7:7	3230-18	2	Screw-CARR
6	125-5093-01	1	Cover-Discharge	7:8	104-8300	2	Nut-HF, NI
7	116-9754	1	Side Discharge Chute ASM	8	104-8300	1	Nut-HF, NI
7:2	116-9752-03	1	Guard-Chute				

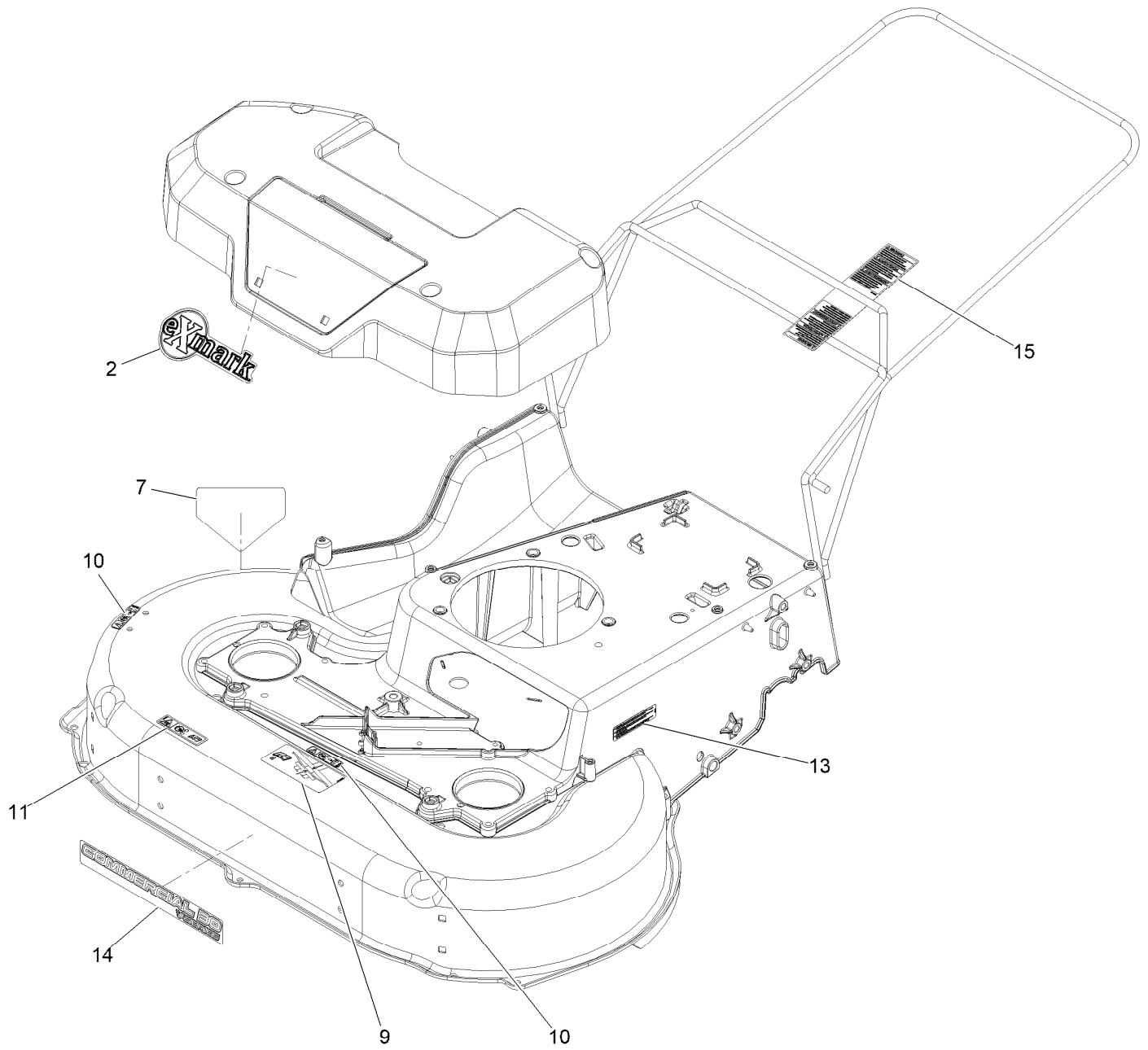
Bag Assembly



Bag Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	116-6350	1	Bag-Grass
3	116-5596-03	1	Frame-Bag

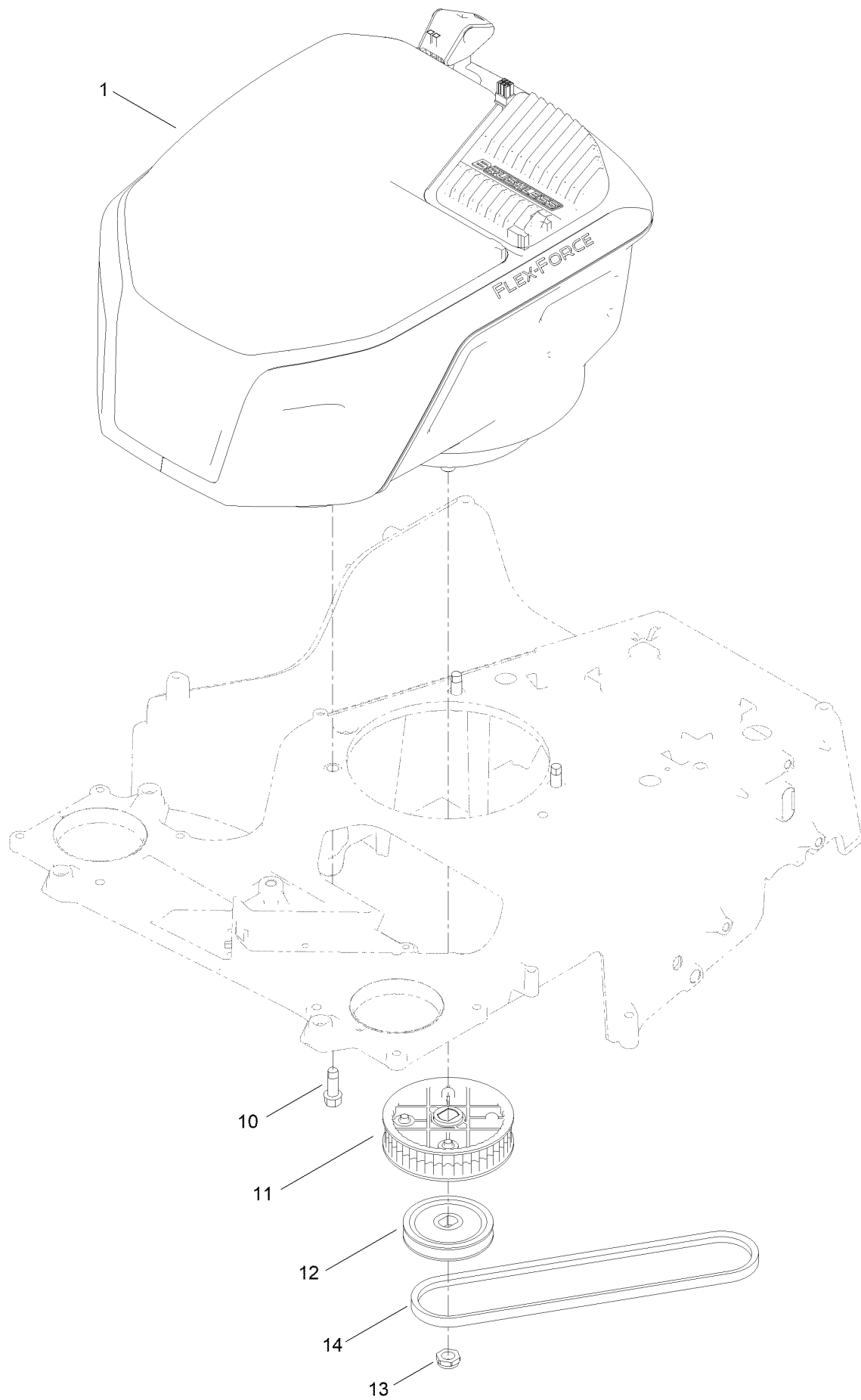
Deck W/Decals Assembly



Deck W/Decals 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>
2	126-6575	1	Decal-Exmark Logo	13	133-8054	1	Decal-Prop 65, Short, Trilingual
7	94-8072	1	Decal-Danger	14	146-1114	1	Decal-Commercial 30 V-Series
9	116-8528	1	Decal	15	139-8986	1	Decal-Warning (Bag)
10	120-9570	2	Decal-Warning				
11	116-7581	1	Decal-Warning				

Motor Module and Belt Assembly

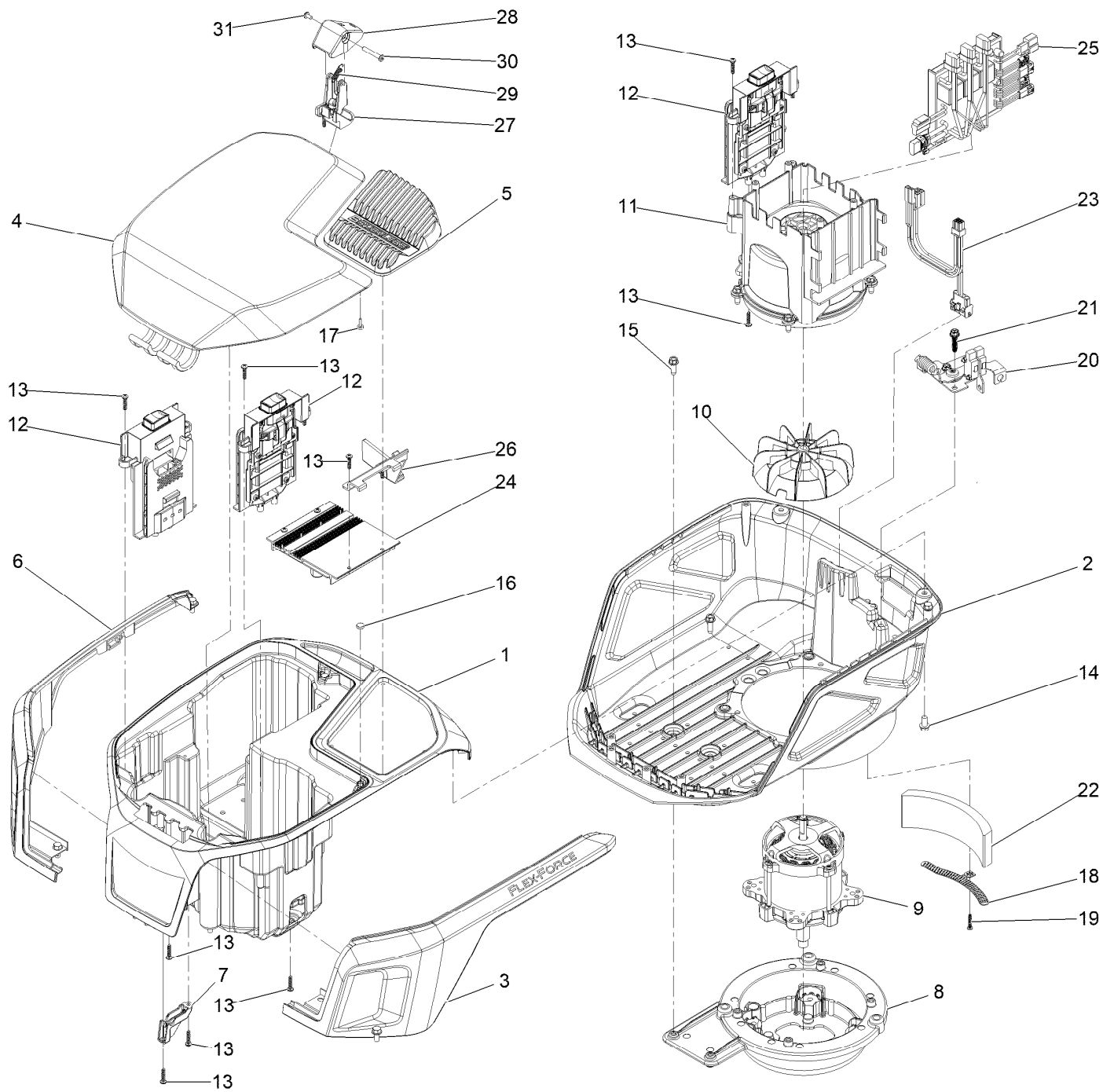


Motor Module and Belt Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	147-0486	1	Motor Module 60V
10	121-5844	3	Screw-Thd Form, HWH
11	121-9100	1	Sprocket

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
12	147-0472	1	Pulley-Traction
13	3296-28	1	Nut-Lock, NI
14	133-8151	1	Belt-V

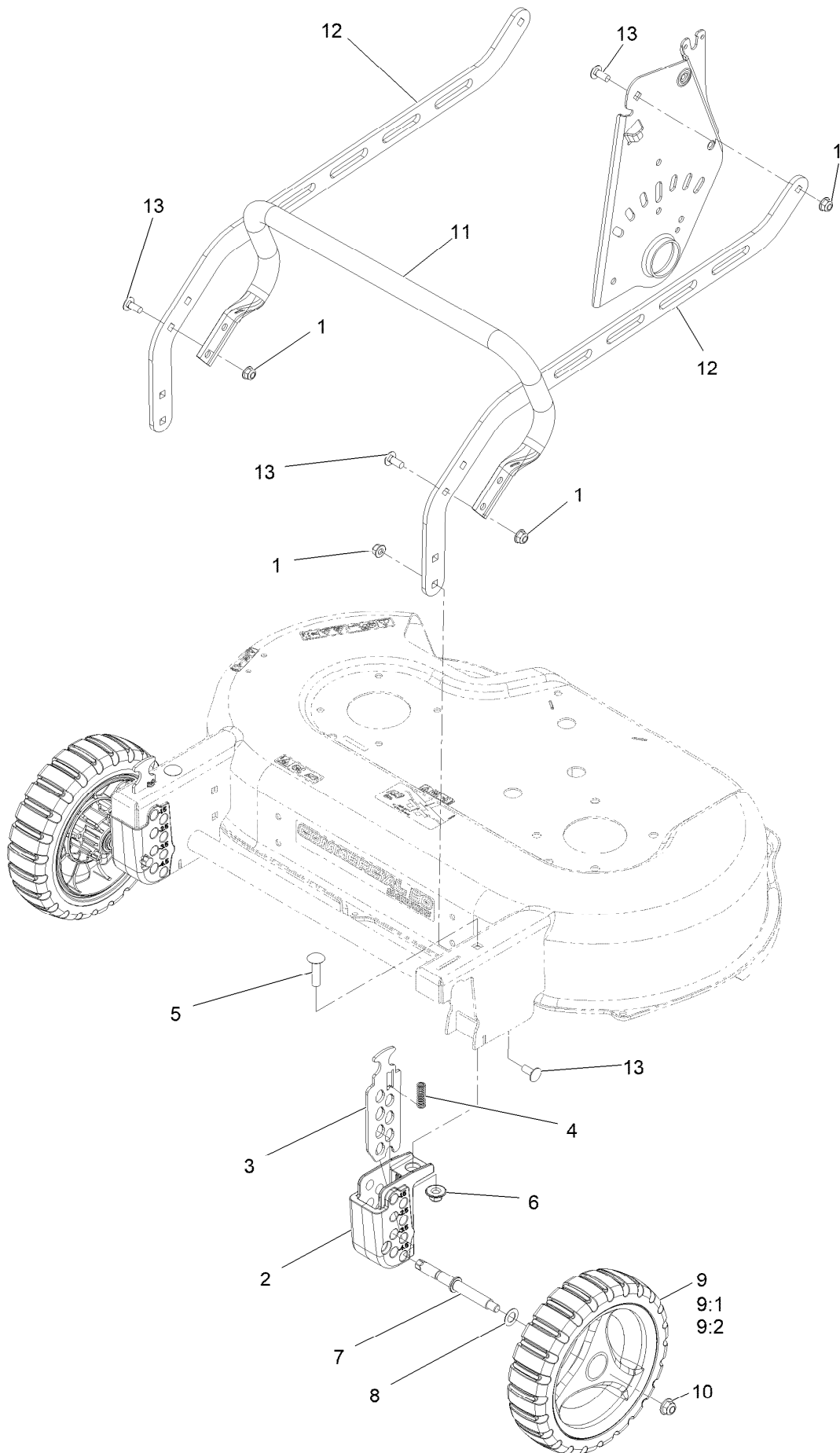
Motor Module



Motor Module (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	145-5882	1	Bucket-Battery	17	95-4234	2	Screw-PPH
2	145-5883	1	Shroud-Lower	18	147-0449	1	Bracket-Foam
3	147-0406	1	Trim-Shroud, LH	19	138-3273	1	Screw-Plastic, PPH
4	145-5885	1	Lid-Motor	20	133-1918	1	Bail Switch ASM
5	145-5886	1	Heatsink-Controller	21	130-6658	2	Screw-Flange, Plastic
6	147-0407	1	Trim-Shroud, RH	22	145-3972	1	Foam
7	145-5892	2	Bracket-Support, Lid	23	139-6637	1	Harness-Wire
8	145-5895	1	Mount-Base, Motor	24	147-0451	1	Controller-Pmu
9	145-4048	1	Motor-60V	25	147-0452	1	Controller-Motor
10	145-5896	1	Fan-Motor	26	161-3110	1	Bracket-Pmu
11	145-5897	1	Shroud-Motor	27	147-8634	1	Lidlock-Base
12	147-0403	3	Receiver-Battery	28	147-8633	1	Lidlock-Lever
13	94-4496	21	Screw-PPH	29	161-3111	1	Spring
14	46-8093	8	Screw-Plastite	30	161-3112	1	Screw-Pin, Hinge
15	49-2040	6	Screw-HWHTF	31	161-3113	1	Screw-Pin
16	114-5896	2	Magnet				

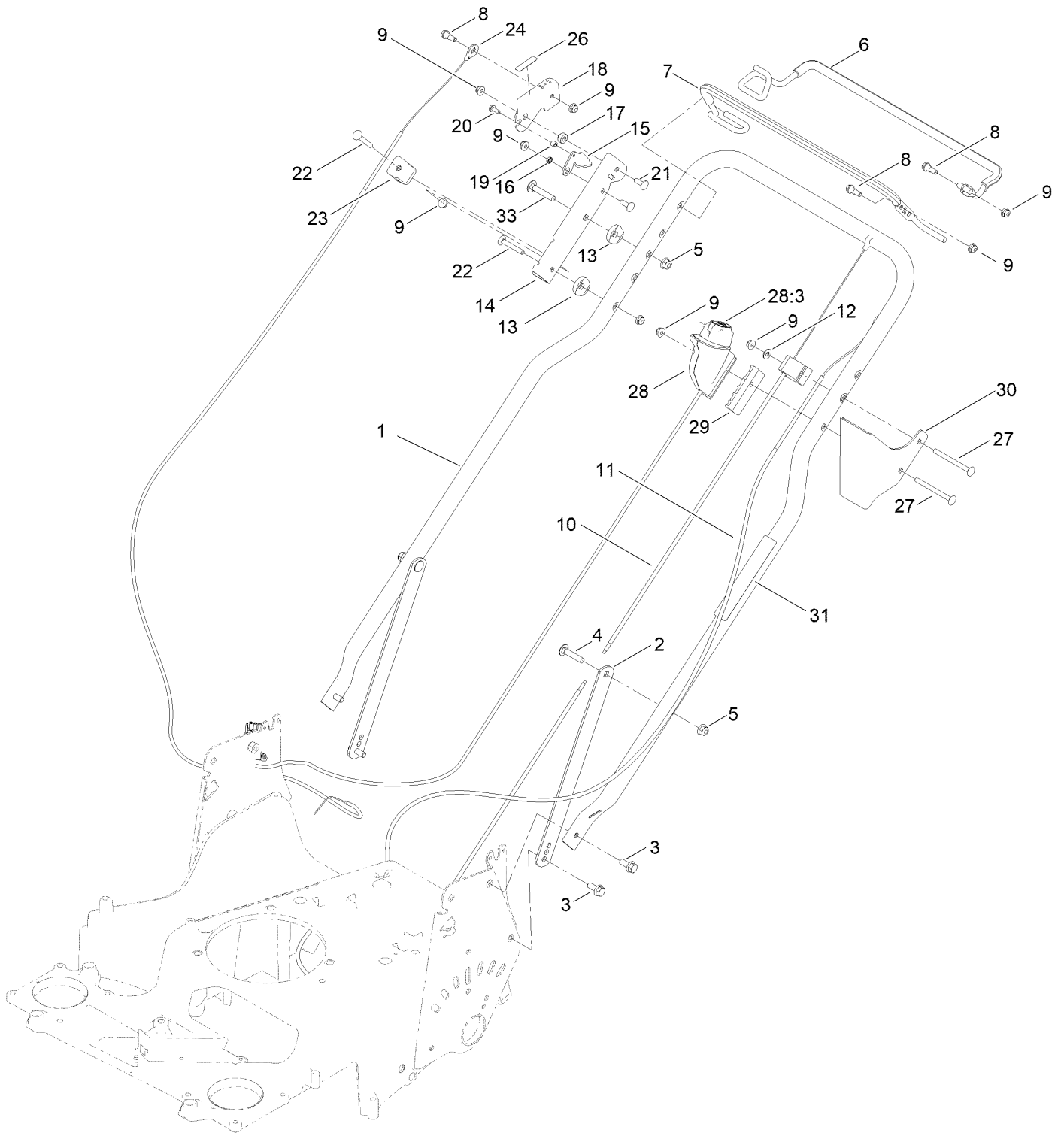
Suspension Traction Assembly



Suspension Traction 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	104-8300	10	Nut-Nyloc 5/16-18 Flg	9	126-7347	2	Wheel ASM, 9" W/Bearings
2	116-6357	2	Block-Front Quadrant	9:1	126-7345	1	Wheel ASM, 9"
3	109-9292	2	Plate, Front Height	9:2	133-2603	2	Bearing-Ball
4	109-7258	2	Spring-Compression	10	104-8301	2	Nut-Nyloc 3/8-16 Flg
5	3231-26	2	Bolt-Carriage 3/8-16 X 1 1/2	11	146-0585-03	1	Guard-Ecv30 Front Motor
6	109-6658	2	Nut-Nyloc 3/8-16 Flg	12	116-7661-03	2	Brace-RH
7	116-0994	2	Axle-Wheel	13	3230-23	10	Bolt-Carriage 5/16-18 X 3/4
8	36-4780	2	Washer				Short Neck

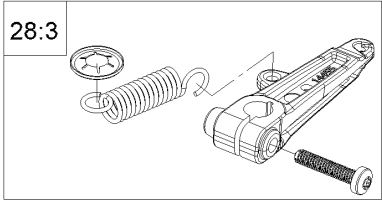
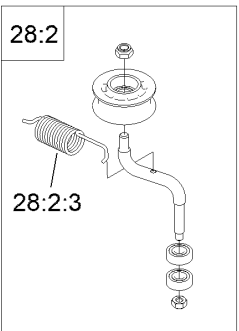
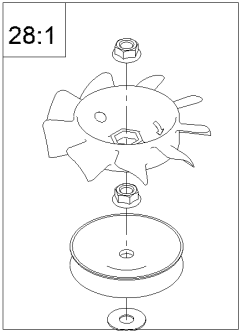
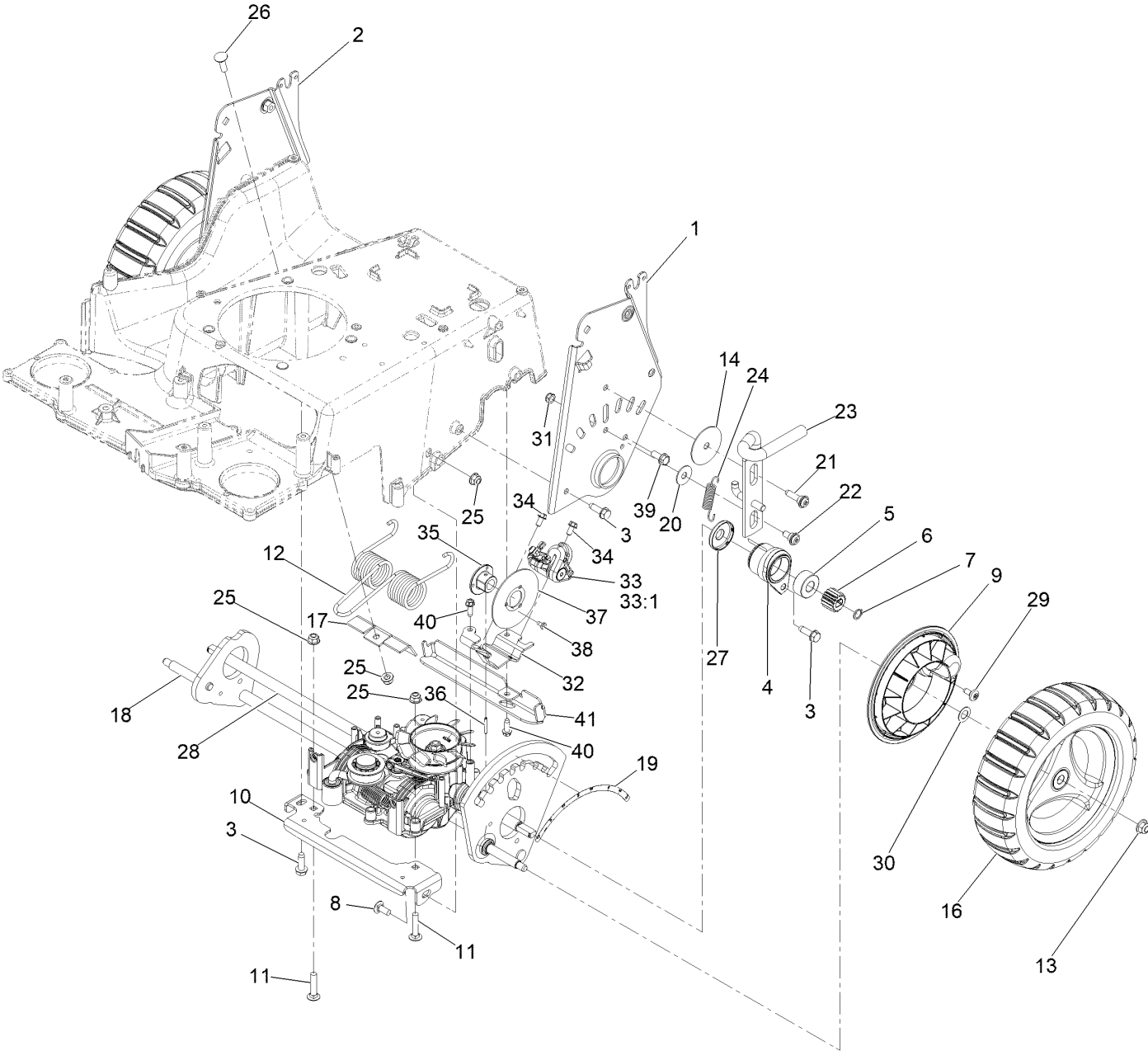
Handle Assembly



Handle Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	147-0540-03	1	Handle	17	139-1817	1	Washer-Stepped
2	116-8208-03	2	Support-Handle	18	139-1819	1	Lever-Brake
3	116-7230	4	Screw-HHF	19	117-9965	1	Spacer
4	3230-4	2	Bolt-CARR	20	32144-1	1	Screw-Taptite
5	104-8300	3	Nut-HF, NI	21	1-807512	2	Bolt-CARR
6	139-1815	1	Bail-Traction, Coated	22	3229-5	2	Screw-CARR
7	137-4810	1	Bail-BBC, Coated	23	106-6801	1	Anchor-Cable
8	42-3560	3	Bolt-Shoulder	24	138-5399	1	Cable-Brake, Parking
9	104-7201	9	Nut-HF, NI	26	139-5405	1	Decal-Brake, Parking
10	147-0488	1	Cable-Brake	27	144-6387	2	Screw-CARR,Spcl
11	147-0489	1	Cable-Traction	28	145-4008	1	Switch-Starter ASM
12	3256-1	1	Washer-Flat	28:3	147-0576	1	Starter Button Service ASM
13	106-7260	2	Washer-Curved	29	140-4148	1	Spacer-Housing, Switch
14	139-1818-03	1	Mount-Lever, Brake	30	147-0487-03	1	Guard-Switch [black]
15	139-1813	1	Link-Actuation, Brake	31	144-3175	1	Decal-Controls (60V Start)
16	138-5368	1	Spacer	33	3230-5	1	Bolt-CARR

Transmission and Wheel Assembly



Transmission and 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	137-9172-03	1	HOC Plate Assembly	24	138-5393	1	Spring-Extension
2	137-9173-03	1	HOC Plate Assembly	25	104-8300	4	Nut-Nyloc 5/16-18 Flg
3	701243	7	Screw-HWH 5/16-18 X 1 Tf	26	3230-2	1	Bolt-Carriage 5/16-18 X 1
4	137-9183	2	Bearing Retainer ASM	27	137-9185	2	Cover-Bearing
5	137-4779	4	Bearing-Ball, Custom	28	133-2670	1	Transmission-Mv702
6	136-9111	2	Gear-Pinion, 15T	28:1	139-1837	1	Pulley & Fan Repair Kit
7	32151-61	2	Ring-Retaining	28:2	139-1842	1	Idler Pulley Repair Kit
8	3230-23	1	Bolt-Carriage 5/16-18 X 3/4 Short Neck	28:2:3	139-1845	1	Spring-Tension, Belt
9	136-7095	2	Cover-Wheel	28:3	139-8974	1	Clutch Lever Repair Kit
10	133-8104-03	1	Bracket-Transmission, Front	29	120-7950	2	Screw-1/4-20 X 1/2 Tf Torx Plus
11	3230-4	2	Bolt-Carriage 5/16-18 X 1 1/2	30	36-4780	2	Washer
12	121-2368	1	Spring-Torsion	31	3296-47	1	Nut-Nyloc 5/16-18 Thin
13	104-8301	2	Nut-Nyloc 3/8-16 Flg	32	138-5394-03	1	Bracket-Mount, Brake
14	125-2540	1	Washer-Plain	33	138-5398	1	Caliper-Brake, Disc
16	138-3213	2	Wheel ASM, 10.5 W/Gear	33:1	139-8999	2	Pad-Brake, Disc ●
17	121-2397	1	Bracket	34	32144-4	2	Screw-HWH 1/4-20 X 1/2 Taptite
18	139-8967	1	Rear Axle ASM	35	139-8990	1	Hub-Rotor
19	116-7127	1	Decal-HOC, Rear	36	933156	1	Pin-Roll
20	52-2860	1	Washer	37	138-5396	1	Disc-Rotor
21	119-2267	1	Screw-Button Head 5/16-18 X 1 Tf	38	139-8960	3	Screw-Torx PH Thd Roll
22	120-9471	1	Screw-Shoulder Bh 5/16-18 X 1/2 Tf Torx	39	609471	1	Screw
23	139-1737	1	Lock-Height, Adj	40	49-2040	2	Screw-HWH 1/4-20 X 3/4 Tf
				41	140-1262-01	1	Bracket-Support, Cable

● Not illustrated

Notes:

Notes:

EXMARK ACCESSORIES AND OPTIONS*

MID-MOUNT RIDING ACCESSORIES AND OPTIONS

CUSTOM RIDE SEAT SUSPENSION SYSTEM	OPERATOR CONTROLLED DISCHARGE
FULL SUSPENSION SEAT	SUN SHADE
DECK LIFT ASSIST KIT	TRASH CONTAINER
HITCH KIT	TURF STRIPER
LIGHT KIT	ULTRA VAC COLLECTION SYSTEM
12V POWER PORT	ULTRA VAC QUICK DISPOSAL SYSTEM
MICRO-MULCH SYSTEM	

OUT-FRONT RIDING ACCESSORIES AND OPTIONS

CUSTOM RIDE SEAT SUSPENSION SYSTEM	SNOW BLADE
DUAL-TAIL WHEEL	SNOWBLOWER
FLOOR PAN EXTENDER	SUN SHADE
HITCH KIT	TRASH CONTAINER
LIGHT KIT	ULTRA VAC COLLECTION SYSTEM
MICRO-MULCH SYSTEM	ULTRA VAC QUICK DISPOSAL SYSTEM
ROLL OVER PROTECTION SYSTEM (ROPS)	WEATHER CAB

WALK-BEHIND ACCESSORIES AND OPTIONS

GRASS CATCHER	TURF STRIPER
MICRO-MULCH SYSTEM	STANDON

*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

Model No. _____

Serial No. _____

Date Purchased _____

Engine Model No. and Spec. No. _____

Engine Serial No. (E/No) _____

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