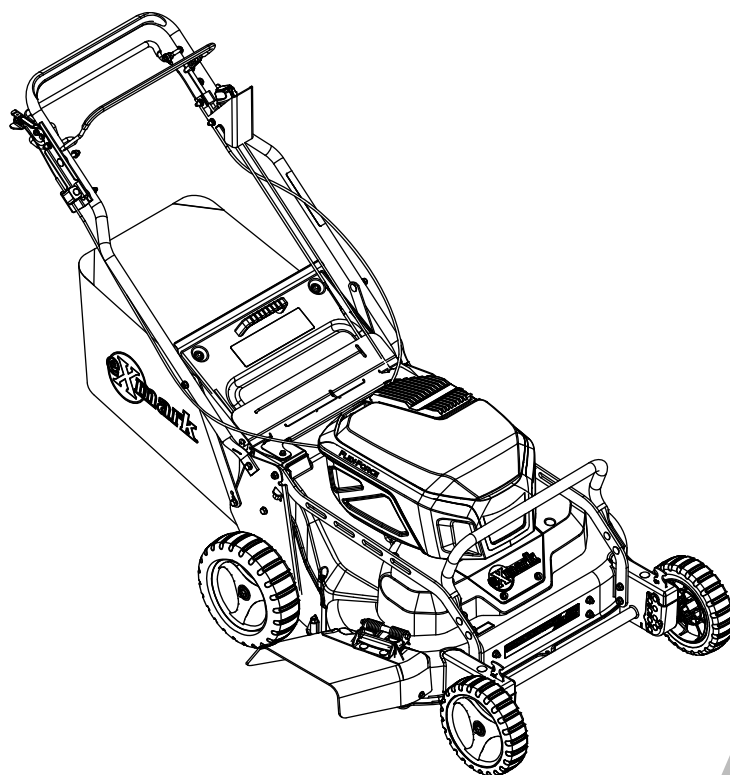




COMMERCIAL 30 V-SERIES

Model No. ECV060B02300BT—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

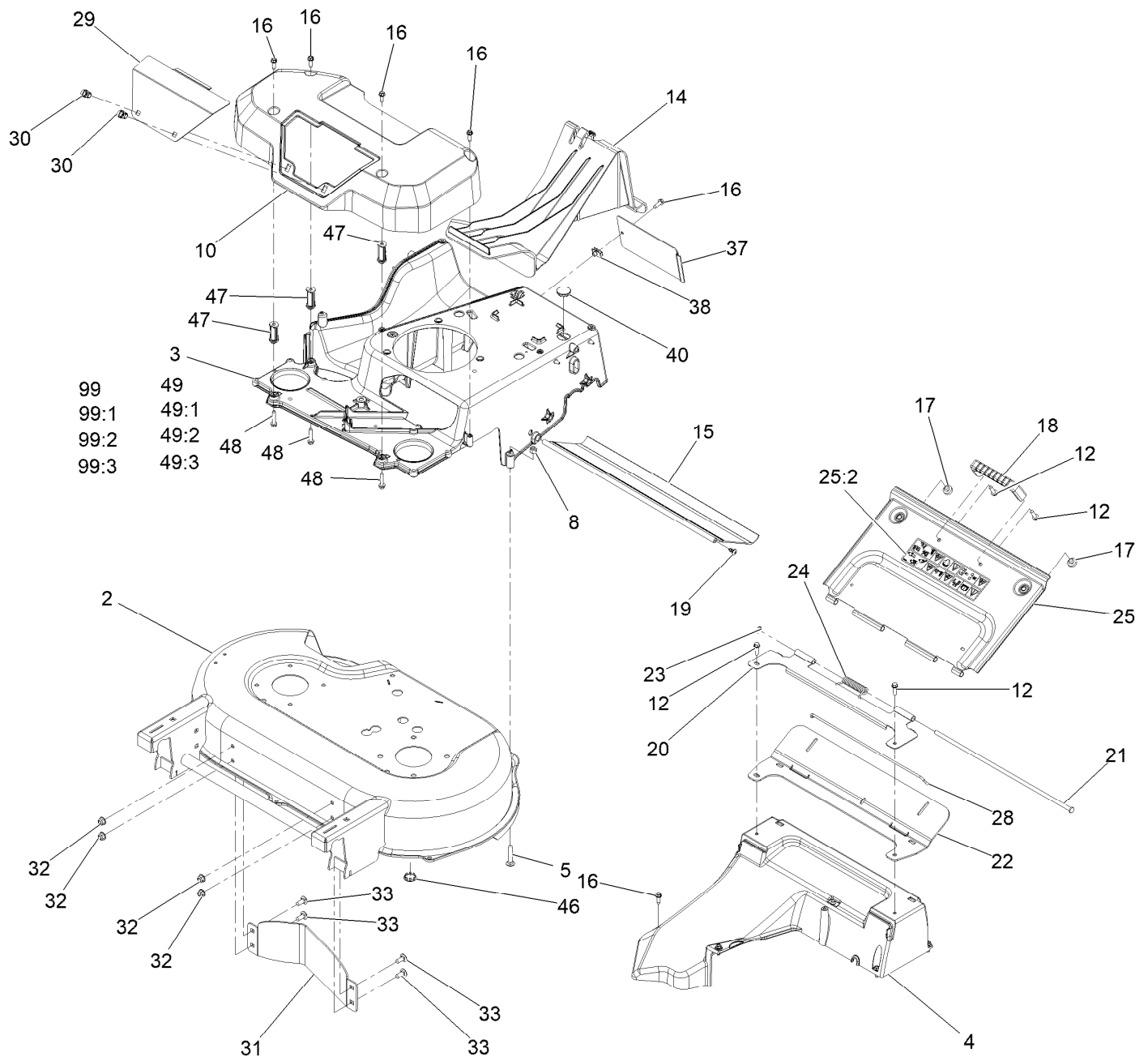
Exmark black touch up spray paint – gloss black.

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

Contents

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

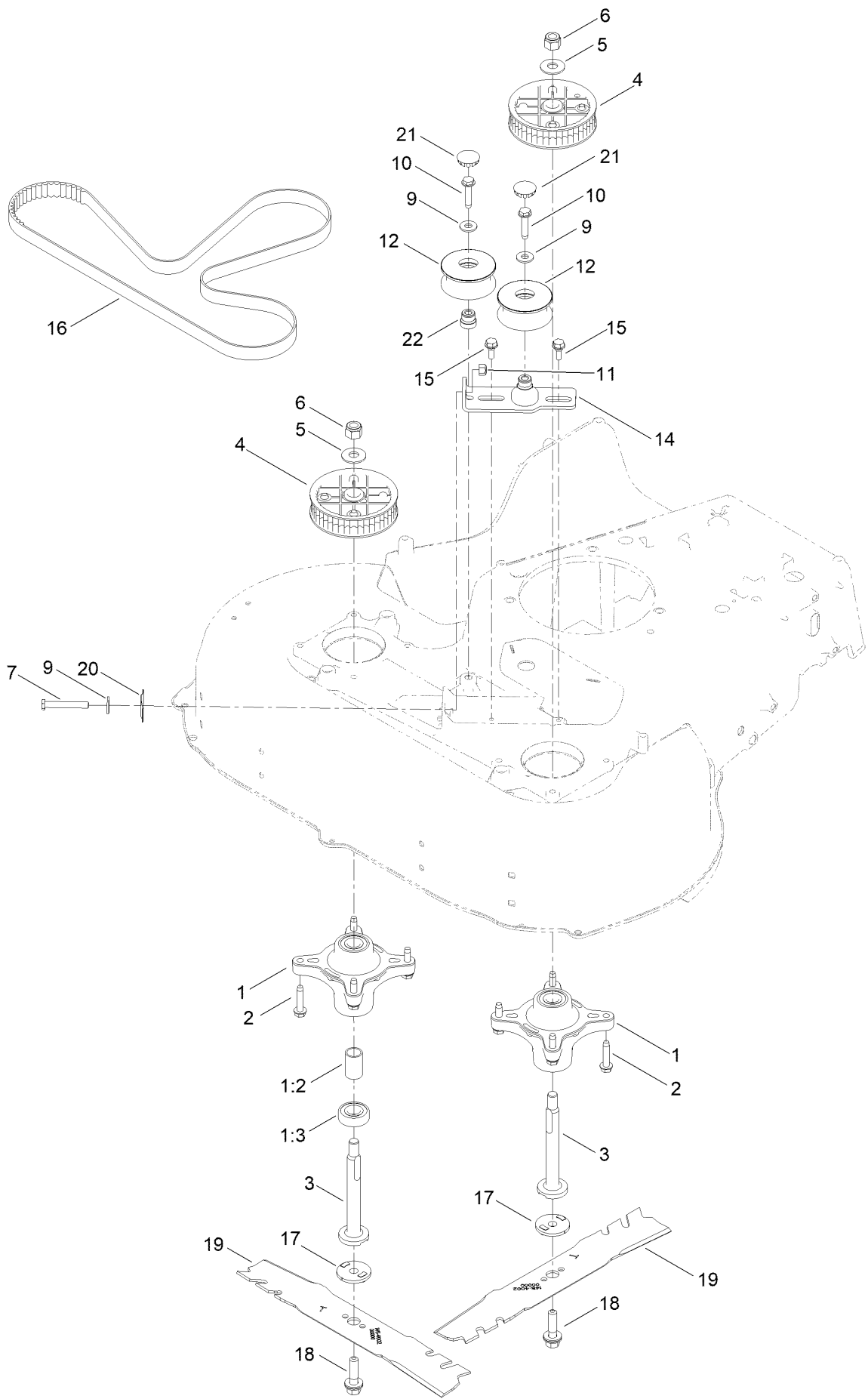
Deck Assembly



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

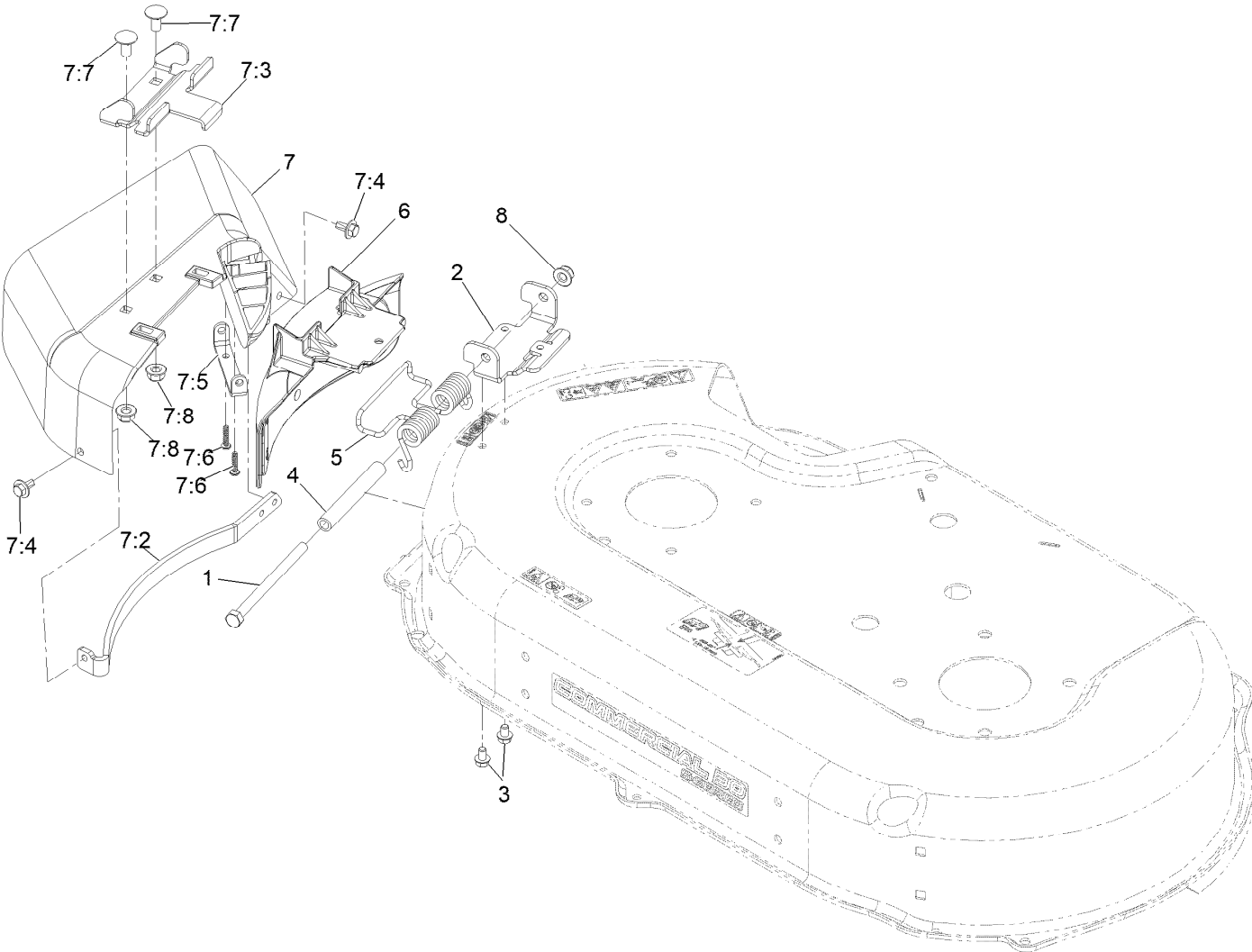
Spindle Assembly



Spindle 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	121-9107	2	Spindle ASM	12	126-5880	2	Pulley-Idler, Flat
1:2	120-7935	2	Spacer	12	126-7890	1	Pulleys And Idler Kit
1:3	138-9770	2	Bearing-Ball	14	147-0470	1	Bracket-Idler
2	139-1731	8	Screw-Thd Roll, HWH	15	120-7024	2	Screw-Shoulder, HWH
3	139-6612	2	Shaft-Spindle	16	145-4001	1	Belt-Synchronous
4	121-9100	2	Sprocket	17	120-5236	2	Adapter-Blade
5	109-9505	2	Washer-Spring	18	125-2466	2	Bolt-Blade
6	3296-19	2	Nut-Hex	19	145-4002-03	2	Blade-Rotary [black]
7	9114524	1	Bolt-TAP, HH	20	121-2336	1	Spring-Flat
9	3256-3	2	Washer-Flat	21	126-7151	2	Plug-Button
10	32144-57	2	Screw	22	131-4504	1	Adapter-Bore
11	3296-29	1	Nut-Lock, NI				

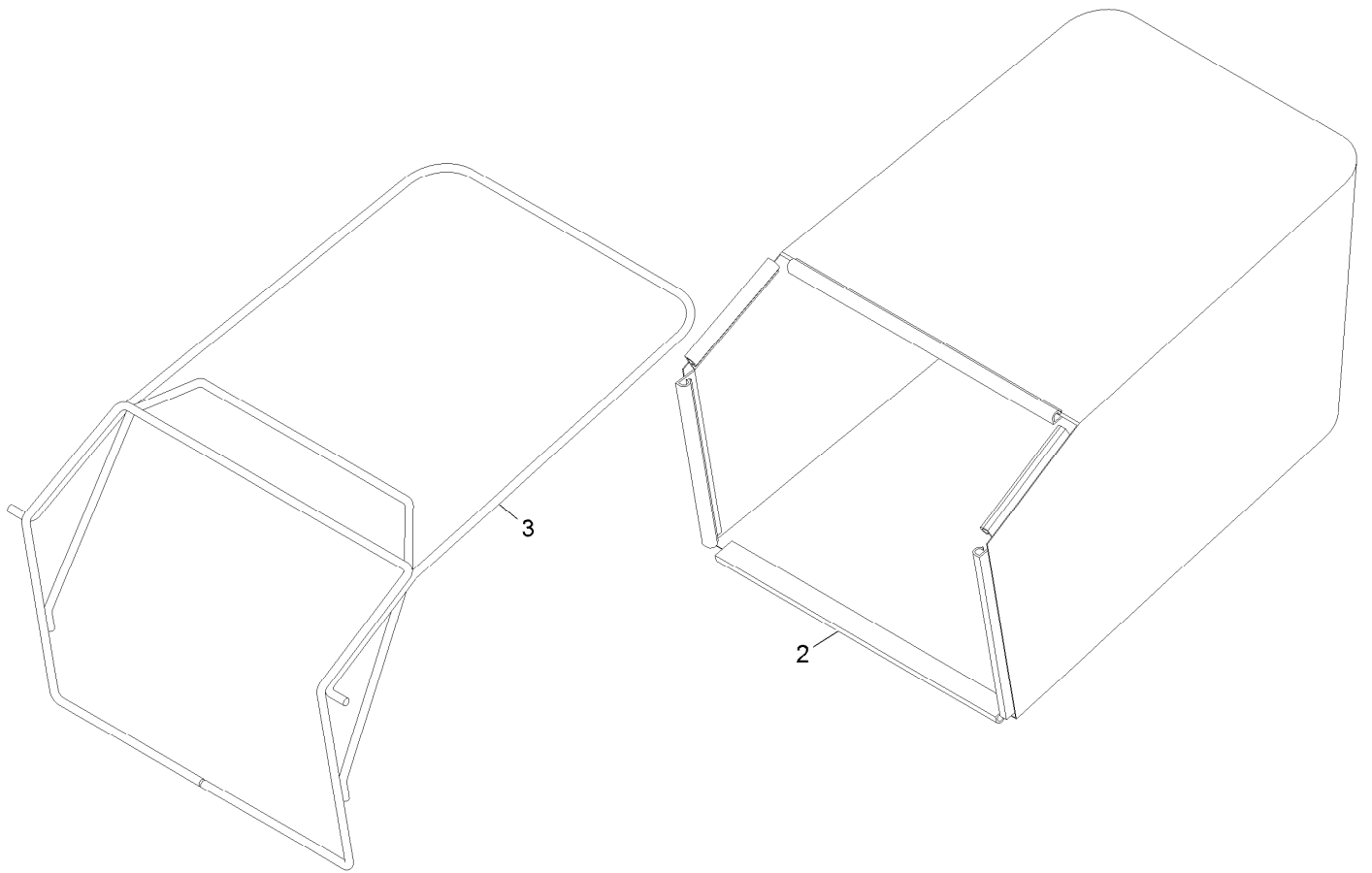
Side Discharge Chute Assembly



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				

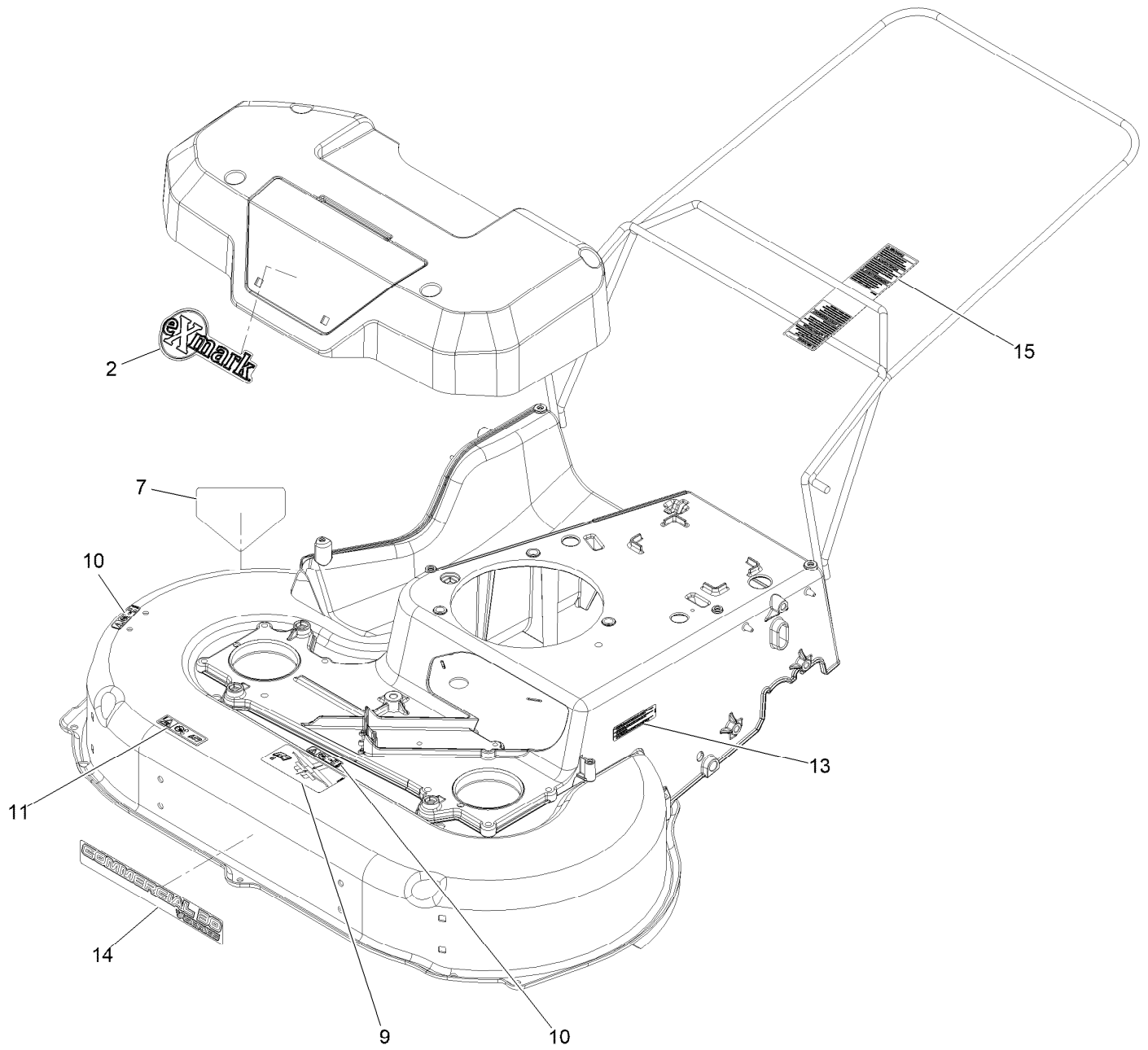
Bag Assembly



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

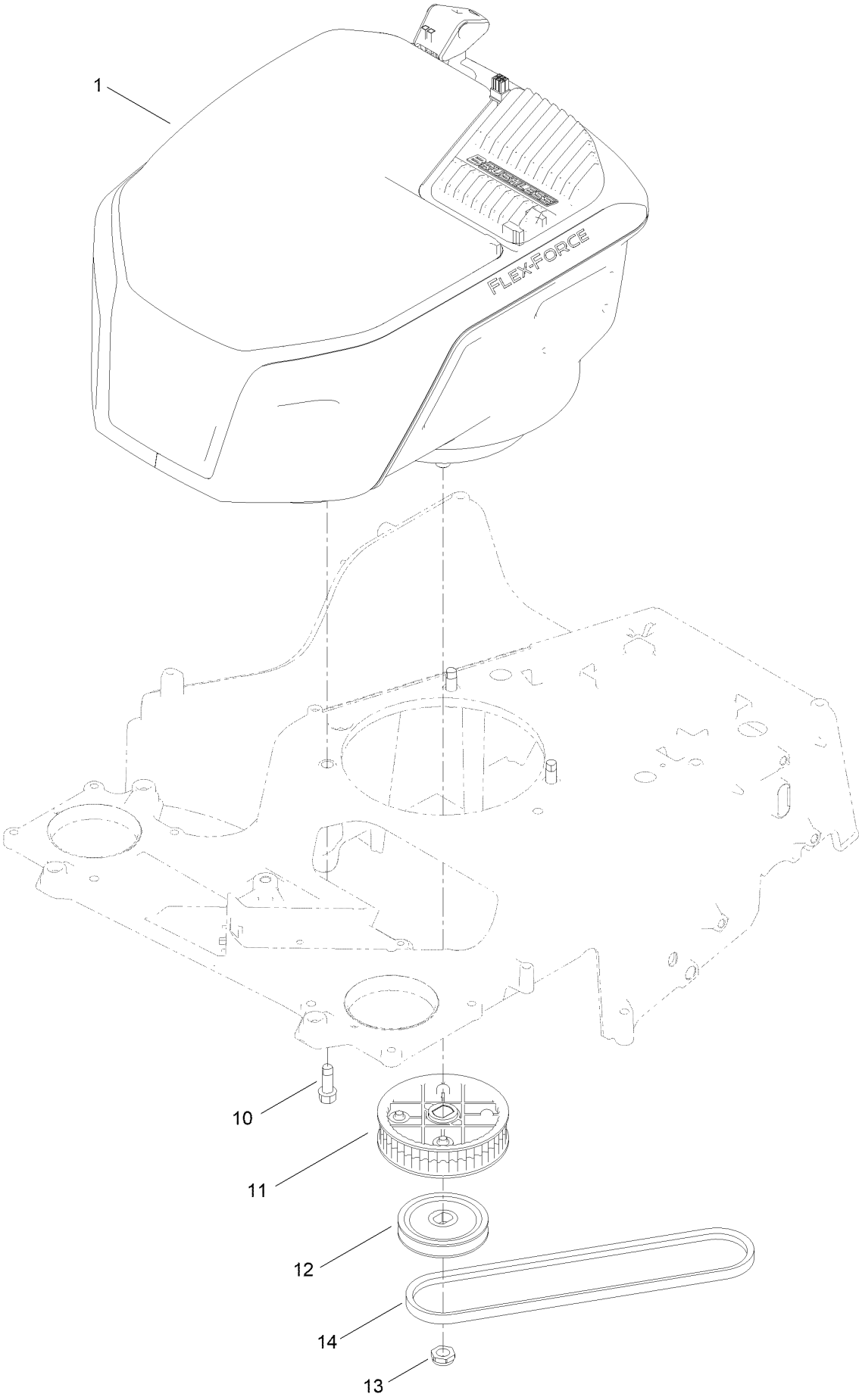
Deck W/Decals Assembly



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 Blade Assembly

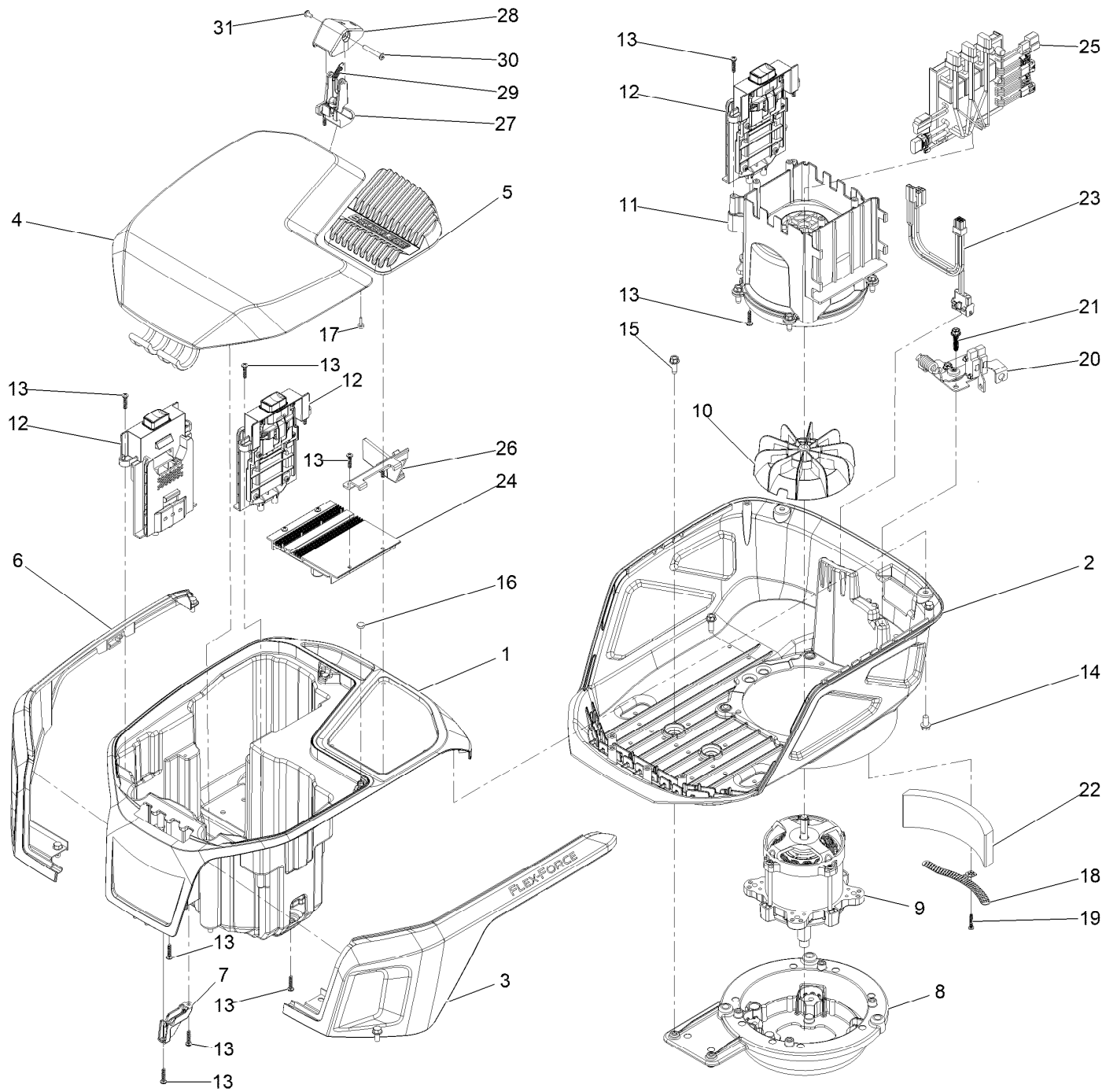


Motor Module and Blade Assembly (continued)

<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

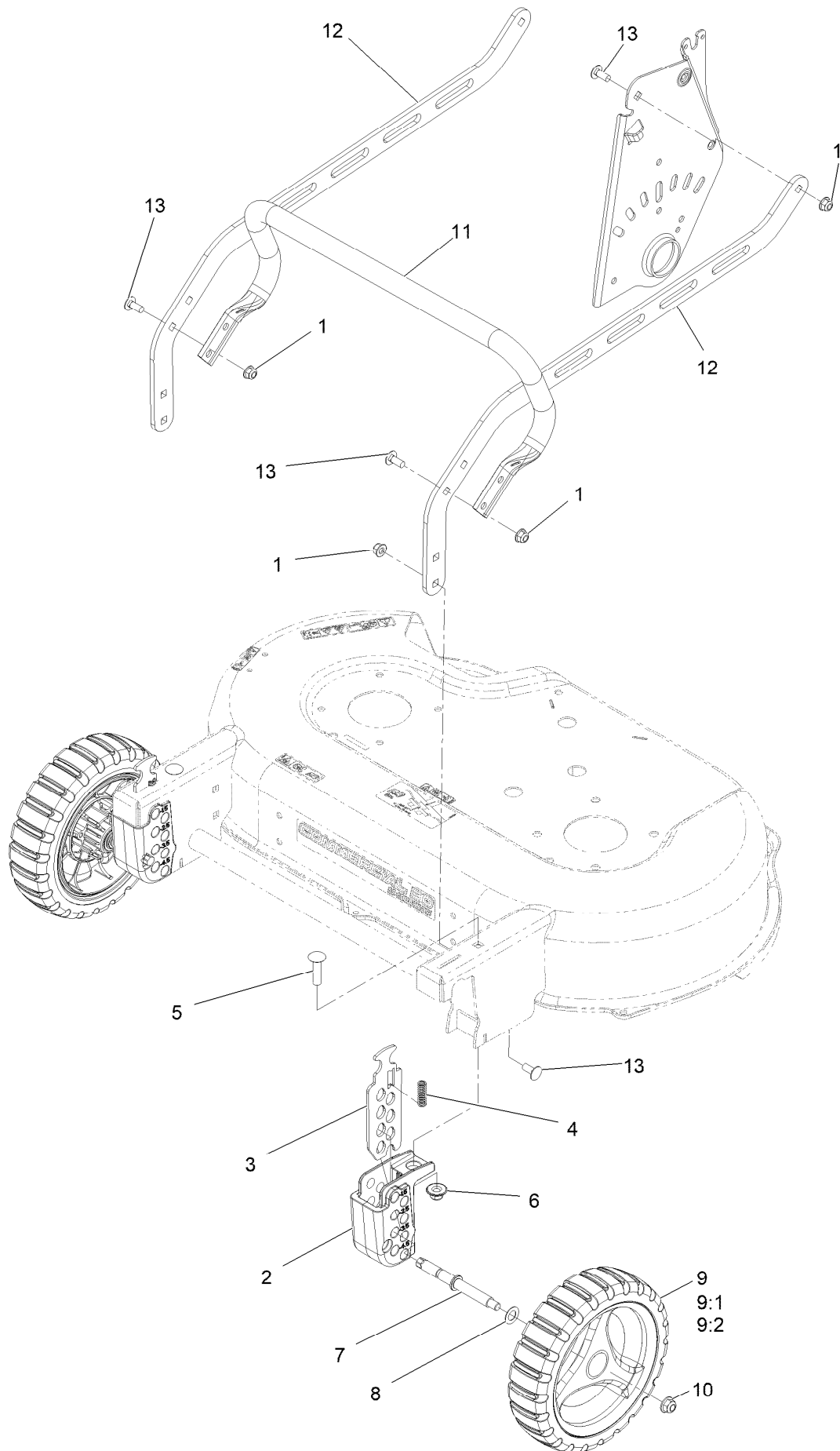
Motor Module



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	18	147-0449	1	Bracket-Foam
2	145-5883	1	Shroud-Lower	19	138-3273	1	Screw-PPH M4.2 X 1.79 X 20Mm
3	147-0406	1	Trim-Shroud, LH	20	133-1918	1	Bail Switch ASM
4	145-5885	1	Lid-Motor	21	130-6658	2	Screw-HWH 1/4-20 X 1 Serrated Flg
5	145-5886	1	Heatsink-Controller	22	145-3972	1	Foam
6	147-0407	1	Trim-Shroud, RH	23	139-6637	1	Harness-Wire
7	145-5892	2	Bracket-Support, Lid	24	147-0451	1	Controller-Pmu
8	145-5895	1	Mount-Base, Motor	25	147-0452	1	Controller-Motor
9	145-4048	1	Motor-60V	26	161-3110	1	Bracket-Pmu
10	145-5896	1	Fan-Motor	27	147-8634	1	Lidlock-Base
11	145-5897	1	Shroud-Motor	28	147-8633	1	Lidlock-Lever
12	147-0403	3	Receiver-Battery	29	161-3111	1	Spring
13	94-4496	21	Screw-PPH M4.2 X 2.25 X 19Mm	30	161-3112	1	Screw-Pin, Hinge
14	46-8093	8	Screw-Plastite	31	161-3113	1	Screw-Pin
15	49-2040	6	Screw-HWH 1/4-20 X 3/4 Tf				
16	114-5896	2	Magnet				
17	95-4234	2	Screw-PPH M4.2 X 2.25 X 12Mm				

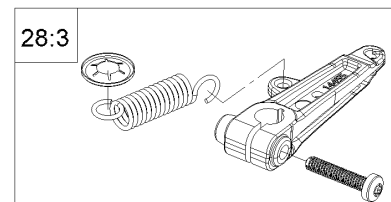
Suspension Traction Assembly



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

2

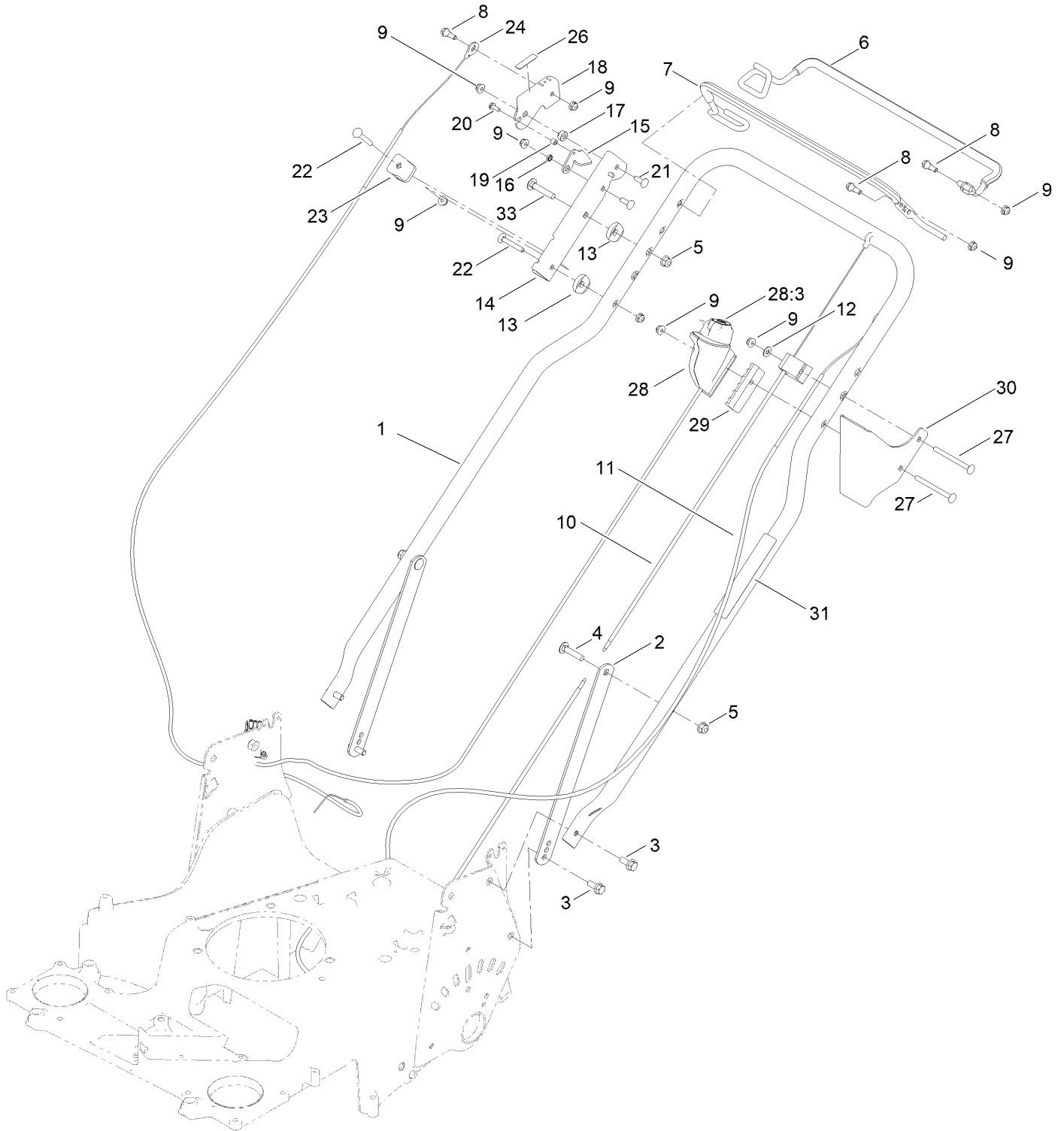


Transmission and Wheel Assembly (continued)

<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

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

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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Part No. 4506-631 Rev. A
(402) 223-6300
Printed in the USA.



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