

Hustler Z XR7 CE Parts Manual



HUSTLER®

.....

Hustler Turf Equipment

.....

P.O. Box 7000

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Hesston, Kansas

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67062-2097

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Chapter 1

General Information

*This Manual covers Hustler XR7 Z models **927723CE**, & **927731CE** with serial numbers prior to 07020000.*

Frequently Ordered Parts

PART NO.	DESCRIPTION
027912	Lubrizol 7 oz. Bottle
027920	Lubrizol 10 oz. Bottle
768341	Hydraulic Oil Filter
781443	Pump Drive Belt
797696	Blade, F18.50"-H-F-CW (54" Deck)
794685	Blade, F20.50"-H-F-CW (60" Deck)
797928	Belt, B-Section (54" Deck)
797720	Belt, B-Section (60" Deck)
068478	Fuel Filter
785261	Main Air Filter Element
785279	Safety Air Filter Element
772079	Kawasaki Engine Oil Filter

Service Literature

PART NO.	DESCRIPTION
778423	Kawasaki 19–25 hp Engine Owner's Manual

Note: When ordering parts, you must use the part number as shown for each part, not the index number. Always give the model and serial number to your parts and service representative.

Note: Items sold in bulk such as seals and hoses are sold by the foot.

Using this manual

Illustrations used were current at the time of printing, but subsequent production changes may cause your machine to vary slightly in detail. Excel Industries, Inc. reserves the right to redesign and change the machine as deemed necessary, without notification. If a change has been made to your machine which is not reflected in this parts manual, see your Hustler dealer for current information and parts.

Hardware Description Codes & Abbreviations

The following codes are used throughout this parts manual. Refer to this list when ordering parts.

<i>ABBREVIATION</i>	<i>DESCRIPTION</i>
----------------------------	---------------------------

CB	Carriage Bolt
CE	Clevis Pin
CP	Cotter Pin
CS	Cap Screw
CW	Cup Washer
FDRW	Fender Washer
FW	Flat Washer
HX	Hex Head
LW	Lock Washer
MB	Machine Bushing
MS	Machine Screw
NT	Nut
SC	Self Tapping Cap Screw
SH	Socket Head
SB	Shoulder Bolt
SS	Set Screw
OD	Outside Diameter
ID	Inside Diameter

Standard Torques

The following chart lists the standard torque values for the threaded fasteners found in this manual. Torque all cap screws, nuts and set screws to these values unless a different torque is shown in the Notes section next to the fastener.

<i>SIZE</i>	<i>FT-LBS</i>	<i>NM</i>	<i>SIZE</i>	<i>FT-LBS</i>	<i>NM</i>
.250	8.2	11.1	M3	1	1.3
.312	17	23	M4	2.2	3
.375	30	40	M5	4.5	6.1
.438	48	65	M6	7.7	10.4
.500	73	99	M8	18.5	25
.562	105	143	M10	37	50
.625	145	200	M12	64	87
.750	260	350	M14	80	108.5
.875	420	565	M16	160	215
1.00	625	850	M20	320	435
			M24	555	750

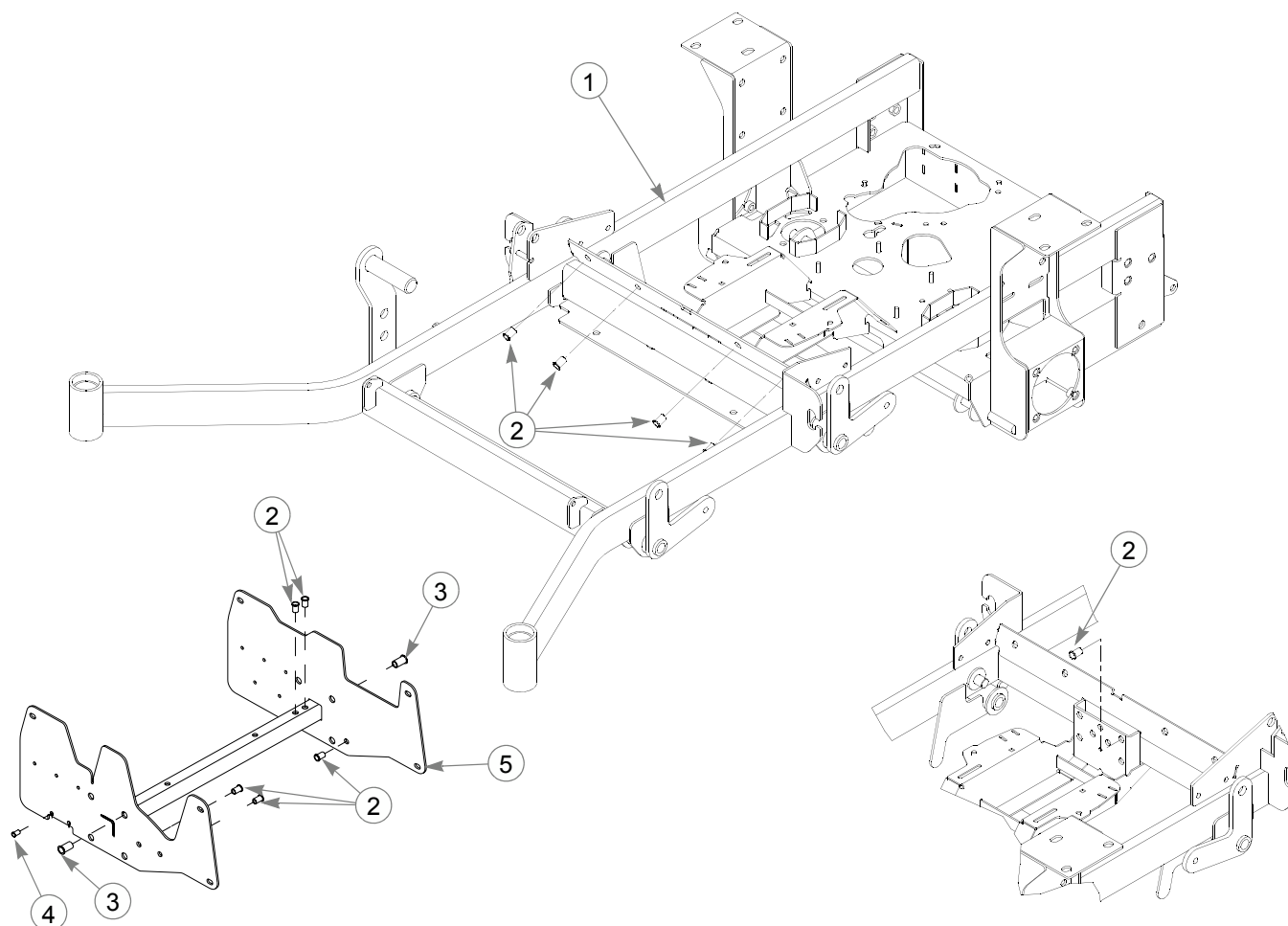
NOTE:

Loctite® 592 to be used on all pipe threads.
Lubricate all grease zerks.

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Rivet Nut Installation

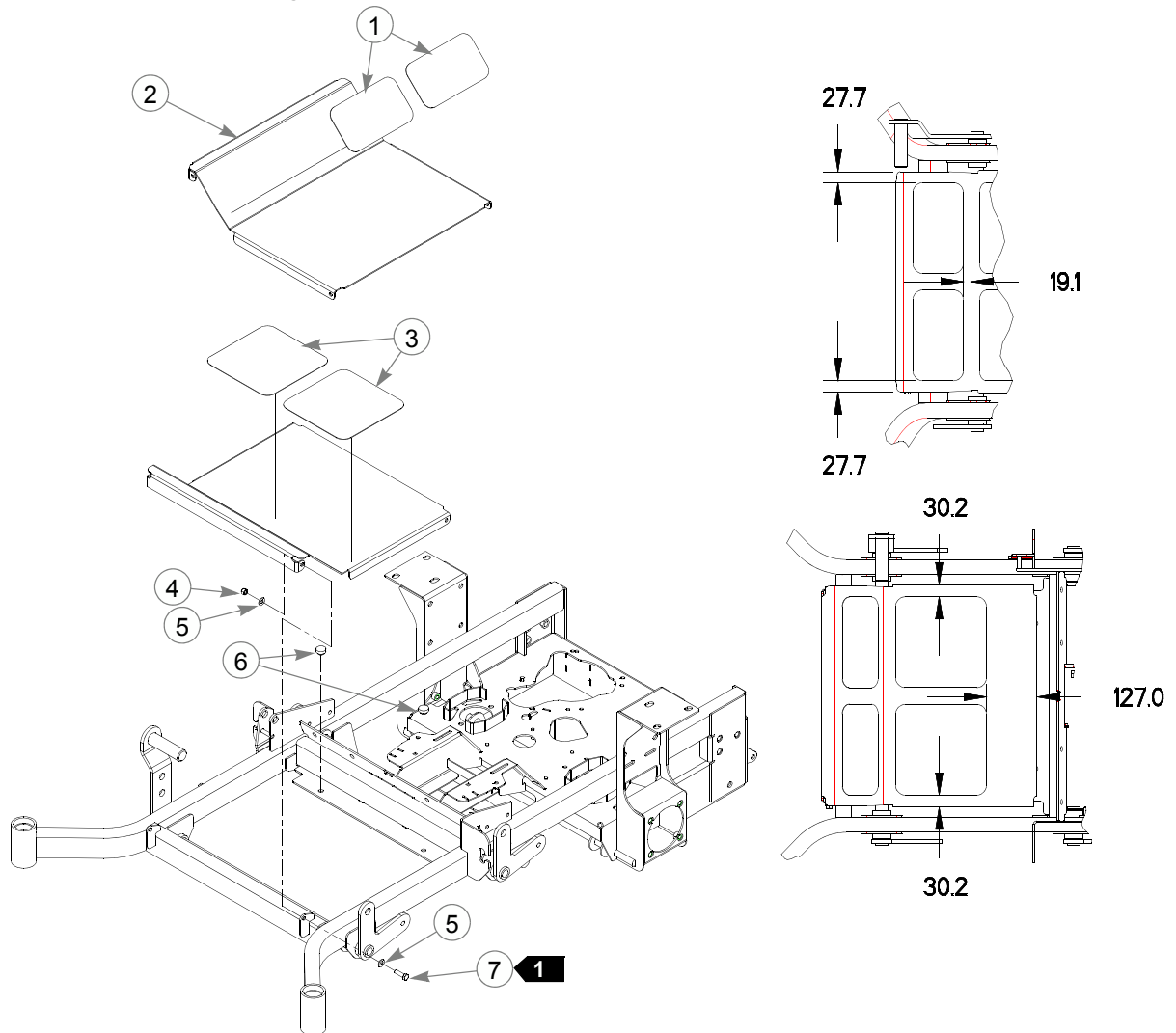


INDEX NO.	SERVICE PART NO.	MFG. PART NO.	QTY.	DESCRIPTION
1	548032	107701	1	TRACTOR FRAME (54")
	547760	106211	1	TRACTOR FRAME (60")
	547752	106039	1	TRACTOR FRAME (66")
2	N/A	808493	15	3/8-16 THREAD RIVET NUT
3	N/A	600961	8	1/2-13 THREAD RIVET NUT
4	N/A	808477	2	1/4-20 THREAD RIVET NUT (KAW ONLY)
1 5	547950	106732	1	XR7 MMZ SEAT SUPPORT

NOTES:

1. Seat support 547950 includes rivet nuts.

Footrest Assembly



INDEX NO.	SERVICE PART NO.	MFG. PART NO.	QTY	DESCRIPTION
1	359547	359547	2	STEP TREAD
2	395533	395533	1	FLOOR
3	305615	305615	2	PLATFORM STEP TREAD
4	086660	086660	2	NT .375-16 HX LK NY
5	767954	767954	4	FW .406 X .812 X .060 SAE HD ZN
6	781880	781880	2	RUBBER BUMPER
7	052860	052860	2	CS .375-16 X 1.250 HX G5 ZN

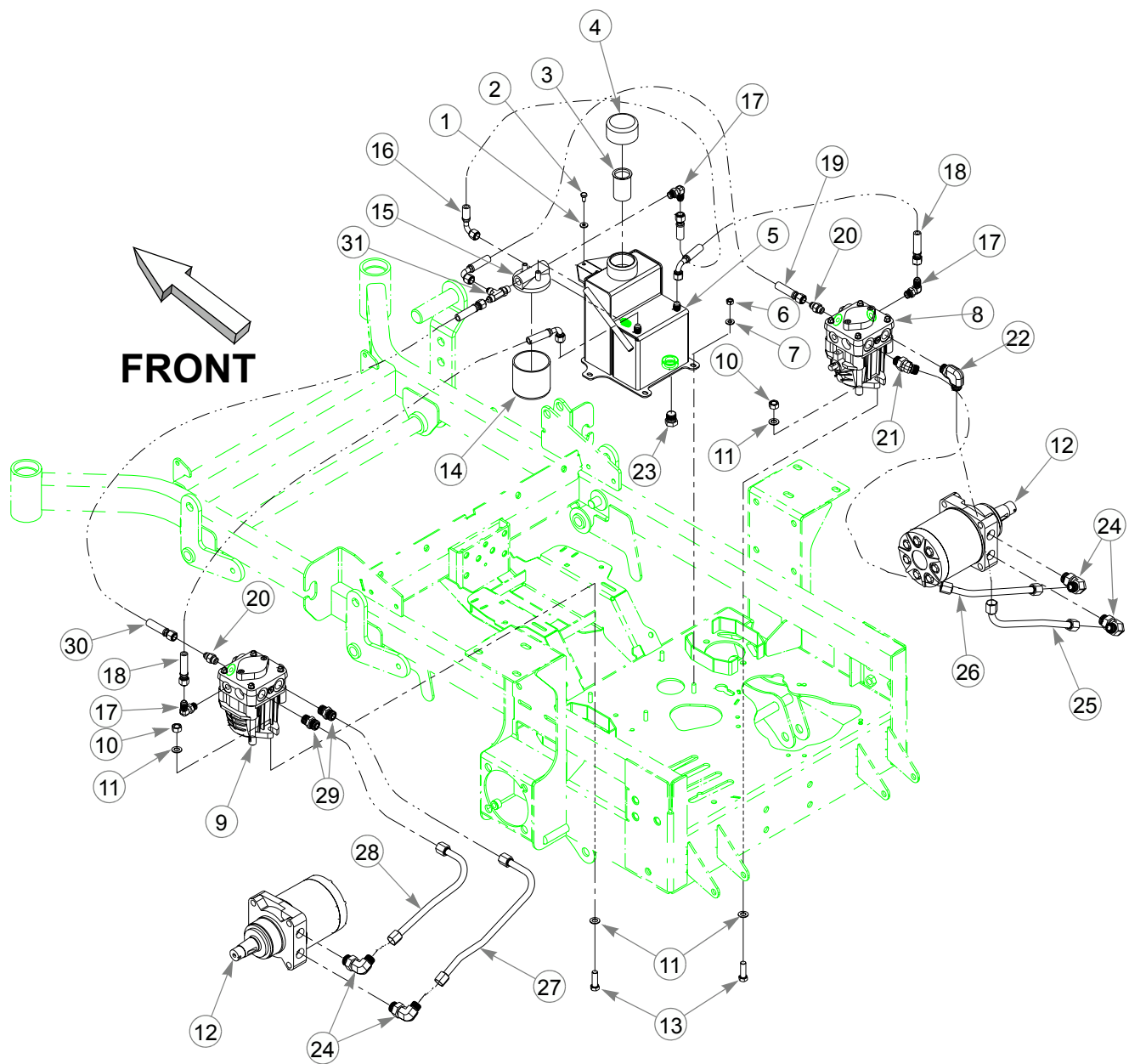
NOTES:

1. Do not tighten, Item 2 (348276 Floor) must be able to pivot on these bolts.

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Hydraulic System Installation



Hydraulic System Installation

ITEM NO.	SERVICE PART NO.	MFG. PART NO.	QTY	DESCRIPTION
1	768515	768515	2	FW .281 X .625 X .051/.080 HD ZN/YL
2	055947	055947	2	CS .250-20 X .500 HX G5 ZN
3	032771	032771	1	STRAINER
4	032763	032763	1	BREATHER CAP
5	349860	349860	1	RESERVOIR
6	034272	034272	4	NT .312-18 HX G5 ZN
7	768523	768523	4	FW .343 X .687 X .051/.080 HD ZN/YL
8	781062	781062	1	HYDRO-GEAR PUMP, BDP-10A-300
9	781047	781047	1	HYDRO-GEAR PUMP BDP-10A-400
10	041707	041707	4	NT .437-14 HX G5 ZN
11	704742	704742	8	FW .453 X .812 X .060 ZN
12	781054	781054	2	ROSS/PARKER WHEEL MOTOR, MB-15
13	705186	705186	4	CS .437-14 X 1.375 HX G5 ZN
14	768341	768341	1	FILTER ELEMENT
15	768333	768333	1	FILTER HEAD
16	781575	N/A	1	-6STR -6 90°, PUSHLOC HOSE 4.75"
17	763946	N/A	3	90°, -6 O-RING/-6 JIC FITTING
18	778985	N/A	2	-6STR -6 90°, PUSHLOC HOSE, 13.00"
19	781591	N/A	1	-6STR -6 90°, PUSHLOC HOSE, 15.00"
20	779132	N/A	2	STR-6MORB/-6JIC FITTING
21	781559	N/A	1	45°, -8MORB/-8MSL FITTING
22	781542	N/A	1	90°, -8MORB/-8MSL FITTING
23	781658	N/A	1	STR-8-MORB/HEX PLUG
24	781526	N/A	4	90°, -10MORB/-8MSL FITTING
25	781500	N/A	1	RIGHT LOOP/RP-BM HYDRO TUBE
26	781492	N/A	1	RIGHT LOOP/LP-TM HYDRO TUBE
27	781484	N/A	1	LEFT LOOP/RP-BM HYDRO TUBE
28	781476	N/A	1	LEFT LOOP/LP-TM HYDRO TUBE
29	781534	N/A	2	STR-8MORB/-8MSL FITTING
30	781518	N/A	1	-6STR -6STR PUSHLOC HOSE, 9.00"
31	763953	N/A	1	-6 O-RING/-6JIC/6JIC T FITTING
	N/A	781469	1	MMZ HYDRAULIC KIT (INCLUDES 16-31)

NOTES:

1. Add 103.5mL Lubrizol® (027912) when hydraulic oil is changed (see Owner's Manual).
2. Hydraulic system capacity is 4.732 L. Fill reservoir to within 25.4 mm of top of Item 3 (032771 Strainer)

HYDRAULIC SYSTEM CHARGING PROCEDURE

1. Set handles in the neutral position.
2. Start engine at idle.
3. Let run for a minimum of 30 seconds.
4. Stroke handles to forward position.
5. If motors do not turn in 15 seconds return handles to neutral and repeat step 3 and 4 (one time).
6. If motors do not turn after second attempt, shut off the engine and check for oil at the pump.
7. Increase throttle to half speed and work handles through forward and reverse position until the motor operates smoothly throughout the entire speed range.

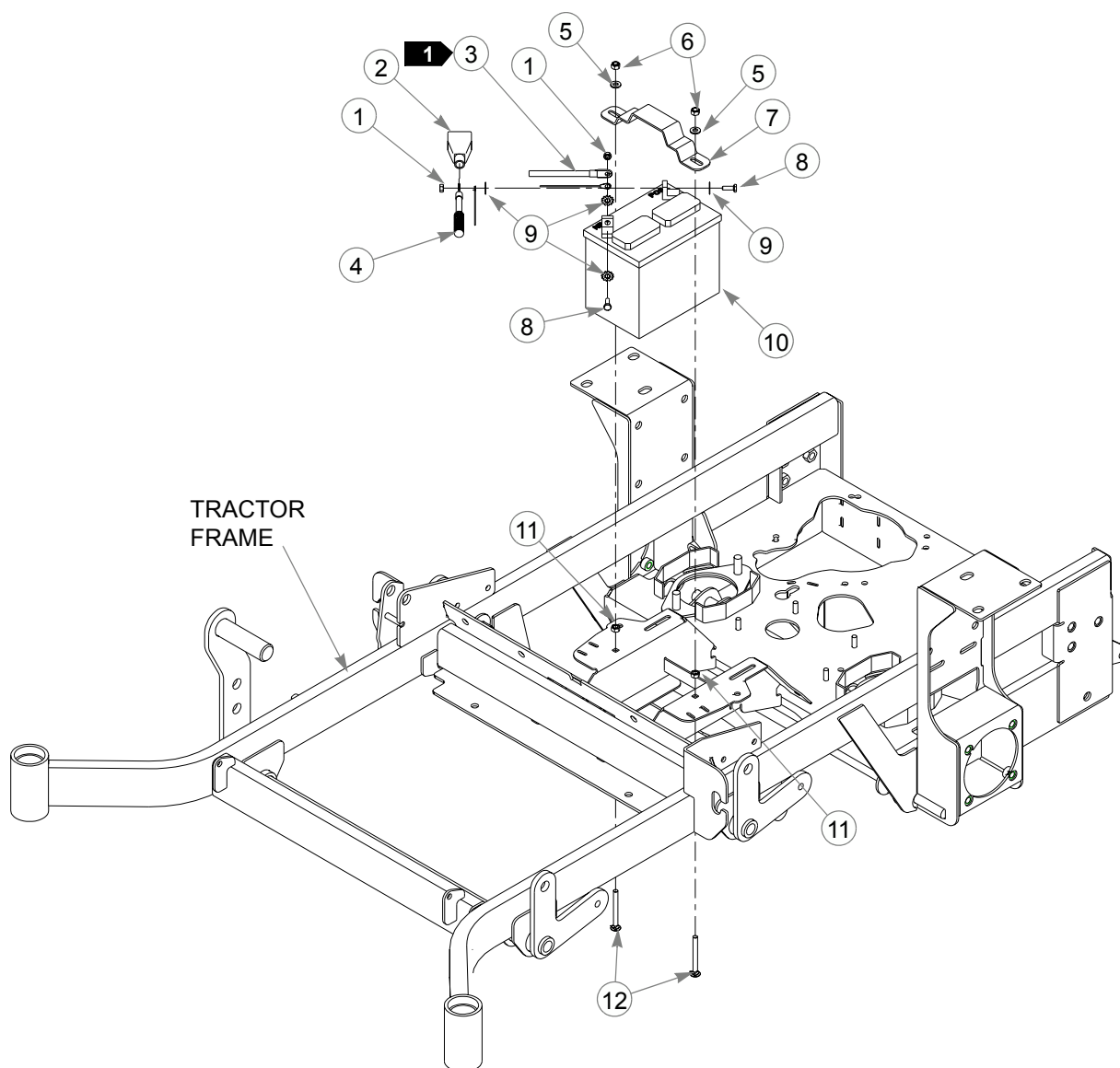
Note:

Seal Kit for hydraulic pump; 727756 (BDP10 Overhaul Seal Kit)

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Battery Installation



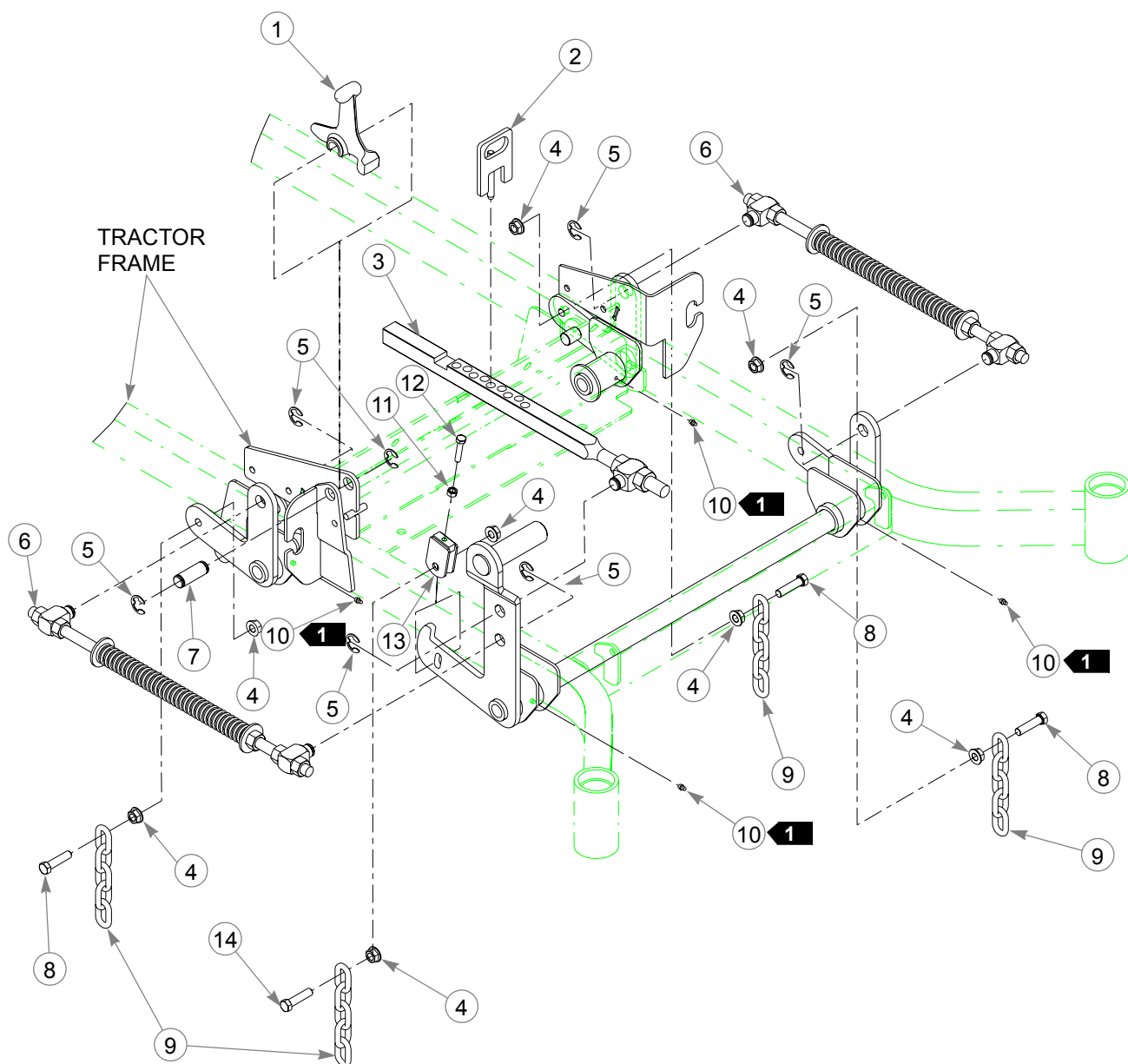
Battery Installation

INDEX NO.	SERVICE PART NO.	MFG. PART NO.	QTY	DESCRIPTION
1	024927	024927	2	NT .250-20 HX GR.5 ZN
2	771428	771428	1	RED BATTERY CABLE BOOT
3	796219	796219	1	36" NEGATIVE BATTERY CABLE
4	744276	744276	1	POSITIVE BATTERY CABLE
5	768523	768523	3	FW .343 X .687 X .051/.080 HD ZN/YL
6	058776	058776	2	NT .312-18 HX NL ZN
7	348417	348417	1	BATTERY CLAMP STRAP
8	055939	055939	2	CS .250-20 X .750 HX G5 ZN
9	029868	029868	4	LW .250 INT-EXT TOOTH ZN
10	740696	740696	1	BATTERY
11	034272	034272	2	NT .312-18 HX G5 ZN
12	779850	779850	2	CB .312-18 X 3.00 FUL ZN

NOTES:

1. When performing service on mower, disconnect battery ground cable and do not reconnect to battery until engine is ready to be started. See Owners Manual.

Deck Lift Assembly



Deck Lift Assembly

ITEM NO.	SERVICE PART NO.	MFG. PART NO.	QTY	DESCRIPTION
1	348318	348318	1	STOP HANDLE
	2	600437	1	DECK HEIGHT 1/2" PIN W/A
	3	348284	1	HEIGHT ADJUSTMENT STOP 3/8"
	4	783001	1	DECK LIFT INDICATOR SUBASSEMBLY
5	704643	704643	8	NT .437-14 HX FLG ZN
6	781294	781294	7	CLIP E, 1.00 X .625 X .050
7	782995	782995	2	DECK LIFT SPRING SUBASSEMBLY
8	781229	781229	1	CE .750 X 2.25 X 1.75 HEADLESS
9	055749	055749	3	CS .437-14 X 1.750 HX G5 ZN
10	348391	018846	4	DECK LIFT CHAIN
11	015495	015495	4	STRAIGHT GREASE FITTING
12	034272	034272	1	NT .312-18 HX G5 ZN
13	756270	756270	1	CS .312-18 X 1.50 FUL THR GR5 ZN
14	348458	348458	1	DECK LEVELER YOKE
	781831	781831	1	CS .437-14 X 1.750 FUL THD G5 ZN

NOTES:

1. Apply grease to zerks (see owner's manual).
2. Verify pin diameter prior to ordering replacement part. For mowers with 3/8" diameter pins, order 348284; for mowers with 1/2" pins, order 600437. Item 3 includes 600437 (1/2" pin).

Exploded view diagram of a tractor frame assembly. The diagram shows various components labeled with numbers 1 through 41. The components include structural beams, brackets, bolts, nuts, washers, and wheels. Some parts are highlighted in green. A legend at the bottom left shows a black box with a white '1' and a black box with a white '2'.

Steering and Park Brake Assembly

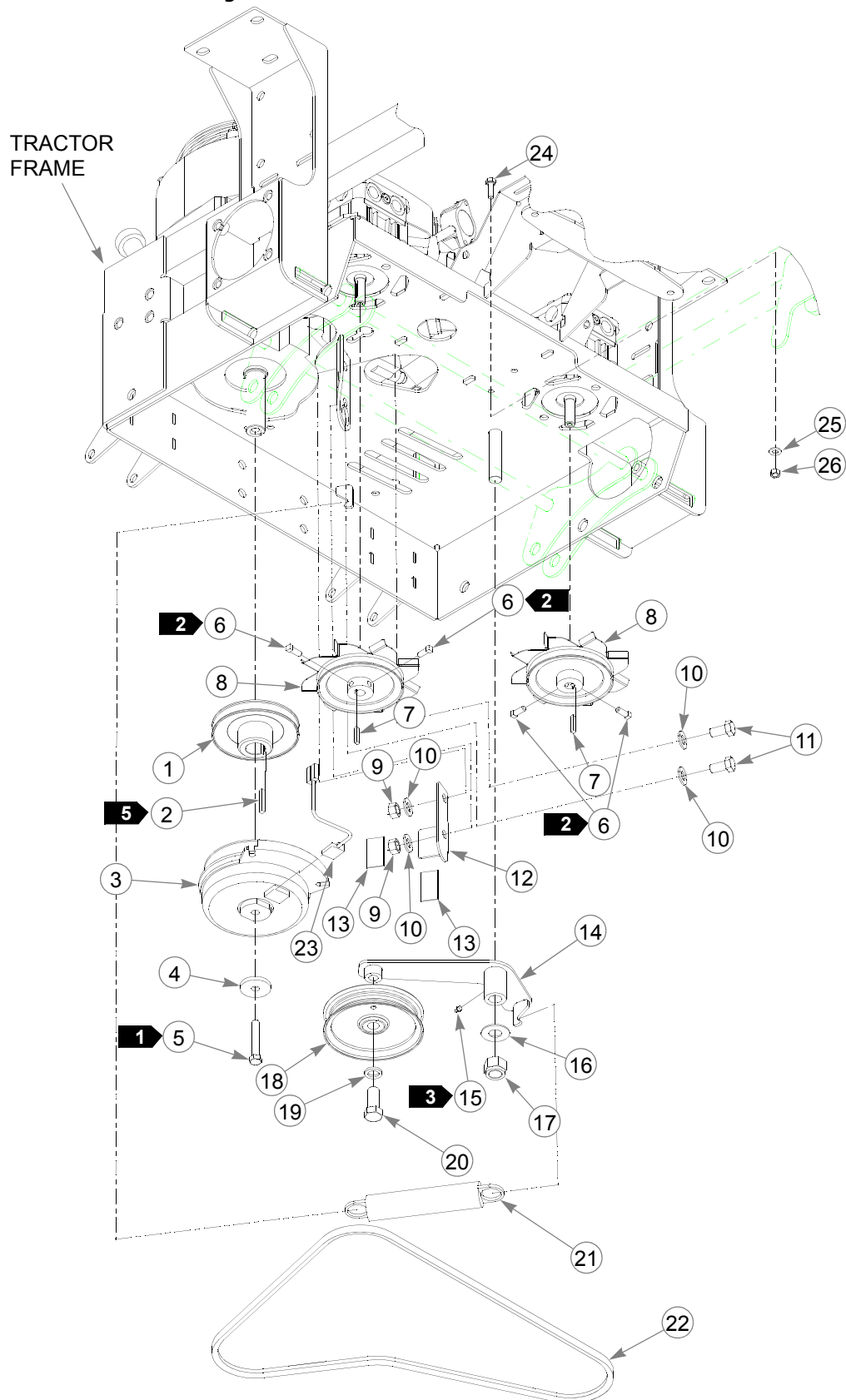
ITEM NO.	SERVICE PART NO.	MFG. PART NO.	QTY	DESCRIPTION
1	781260	N/A	2	STEERING BAR GRIP
2	348755	348755	2	STEERING BAR
3	767954	767954	48	FW .406 X .812 X .060 SAE HD ZN
4	036244	036244	10	CS .375-16 X 1.000 HX G5 ZN
5	705178	705178	6	CS .375-16 X 1.750 HX G5 ZN
6	041152	041152	8	NT .312-24 HX ZN
7	768523	768523	18	FW .343X .687 X .051/.080 HD ZN/YL
8	348946	348946	2	STEERING ARM MOUNT
9	348888	348888	1	STEERLEVER SUPPORT LH
	348714	348714	1	STEERLEVER SUPPORT RH
10	055822	055822	8	CS .375-16 X .750 HX G5 ZN
11	781716	781716	4	SS .500-13 X 1.75 SH ZN
12	053199	053199	2	NT .500-13 HX JAM ZN
13	348987	348987	1	STEERING CONTROL PANEL
14	348862	348862	4	STEERLEVER BUSHING
15	086660	086660	8	NT .375-16 HX LK NY
16	781583	781583	2	BRAKE ROD ASSEMBLY
17	063198	063198	4	CS 10-24 X .750 HXFLK ZN
18	781211	781211	2	PUSH BUTTON SWITCH
19	781286	781286	2	PUMP ROD ADJUSTER ASSEMBLY
20	600221	600221	2	CENTERING DAMPER
6	783696	783696	2	CENTERING DAMPER
21	781922	781922	4	DAMPER BALL STUD
22	704163	704163	2	CS .250-20 X 2.00 HX G5 ZN
23	768515	768515	4	FW .281 X .625 X .051/.080 HD ZN/YL
24	068551	068551	2	NT .250-20 HX NL ZN
25	367557	367557	2	PUMP ARM
26	348797	348797	2	ADJUSTABLE PIVOT
27	781153	781153	4	BUSHING
28	005116	005116	4	CS .375-16 X 1.375 HX G5 ZN
29	054502	054502	4	NT .375-16 HX GRD 5 ZN
30	034272	034272	8	NT .312-18 HX G5 ZN
31	781765	781765	2	BRAKE DRUM-HUB ASSEMBLY
3	781112	781112	1	BRAKE ASSEMBLY
4	781351	781351	1	BRAKE ASSEMBLY
33	036236	036236	4	CS .312-18 X 1.000 HX G5 ZN
34	350272	350272	2	BRAKE ARM EXTENSION
35	350330	350330	1	L.S. BRAKE PIVOT ARM
	350264	350264	1	R.S. BRAKE PIVOT ARM
36	765339	765339	4	BUSHING
37	059832	059832	4	NT #10-24 HX NL ZN
38	782979	782979	2	CS .375-16 X 4.75 HX G5 ZN
39	065516	N/A	2	ROSS CASTLE NUT
40	350397	350397	2	BRAKE LINK TURNBUCKLE
41	064337	N/A	2	ROSS KEY

NOTES:

1. Torque to 474.5-508.4 N-m. Included with wheel motor.
2. Torque brake assembly mounting bolts to 135.6 N-m.
3. 781112 used on left wheel.
4. 781351 used on right wheel.
5. Includes Item 1 (781260 Steering Bar Grip).
6. Use 783696 on mowers with serial numbers prior to 06071499.

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Pump Belt and Pulleys Installation



Pump Belt and Pulleys Installation

INDEX NO.	SERVICE PART NO.	MFG. PART NO.	QTY	DESCRIPTION
1	779876	779876	1	ENGINE SC SINGLE PULLEY
2	212076	212076	1	KEY 1/4 SQ X 1.50 LONG
3	787366	787366	1	WARNER CLUTCH
4	783829	783829	1	FW .460 X 1.750 X .250 ZNYC
5	785659	785659	1	CS .437-20 X 2.50 HX G5 ZNYC
6	083196	083196	4	SS .312-18 X .750 SQ-HD ZN
7	768127	768127	2	KEY 5MM X 30MM RADIUS ENDS
8	325308	325308	2	PULLEY & FAN
9	008193	008193	2	NT .500-13 HX G5 ZNYC
10	767962	767962	4	FW .531 X 1.063 X .090 SAE HD ZN
11	016527	016527	2	CS .500-13 X 1.00 HX G5 ZNYC
12	366765	366765	1	CLUTCH ANCHOR ANGLE
13	784918	784918	2	RUBBER BUMPER
14	349761	349761	1	PUMP IDLER ARM
15	015495	015495	1	STRAIGHT GREASE FITTING
16	025296	025296	1	FW .760 X 1.625 X .08 ZN
17	061101	061101	1	NT .750-10 HX NL ZN
18	781856	781856	1	IDLER PULLEY
19	028118	028118	1	FW .62 X 1.00 X .134 ZN
20	794446	794446	1	CS .625-11 X 1.50 HX G5 ZN
21	781302	781302	1	IDLER SPRING
22	781443	781443	1	A-SEC PUMP IDLER BELT
23	791251	791251	1	HARNESS, CLUTCH PIGTAIL(DIODE)
24	036236	036236	1	CS .312-18X1.000 HX G5 ZNYC
25	768523	768523	1	FW .343 X .687 X .051/.080 HD ZNYC
26	034272	034272	1	NT .312-18 HX G5 ZNYC

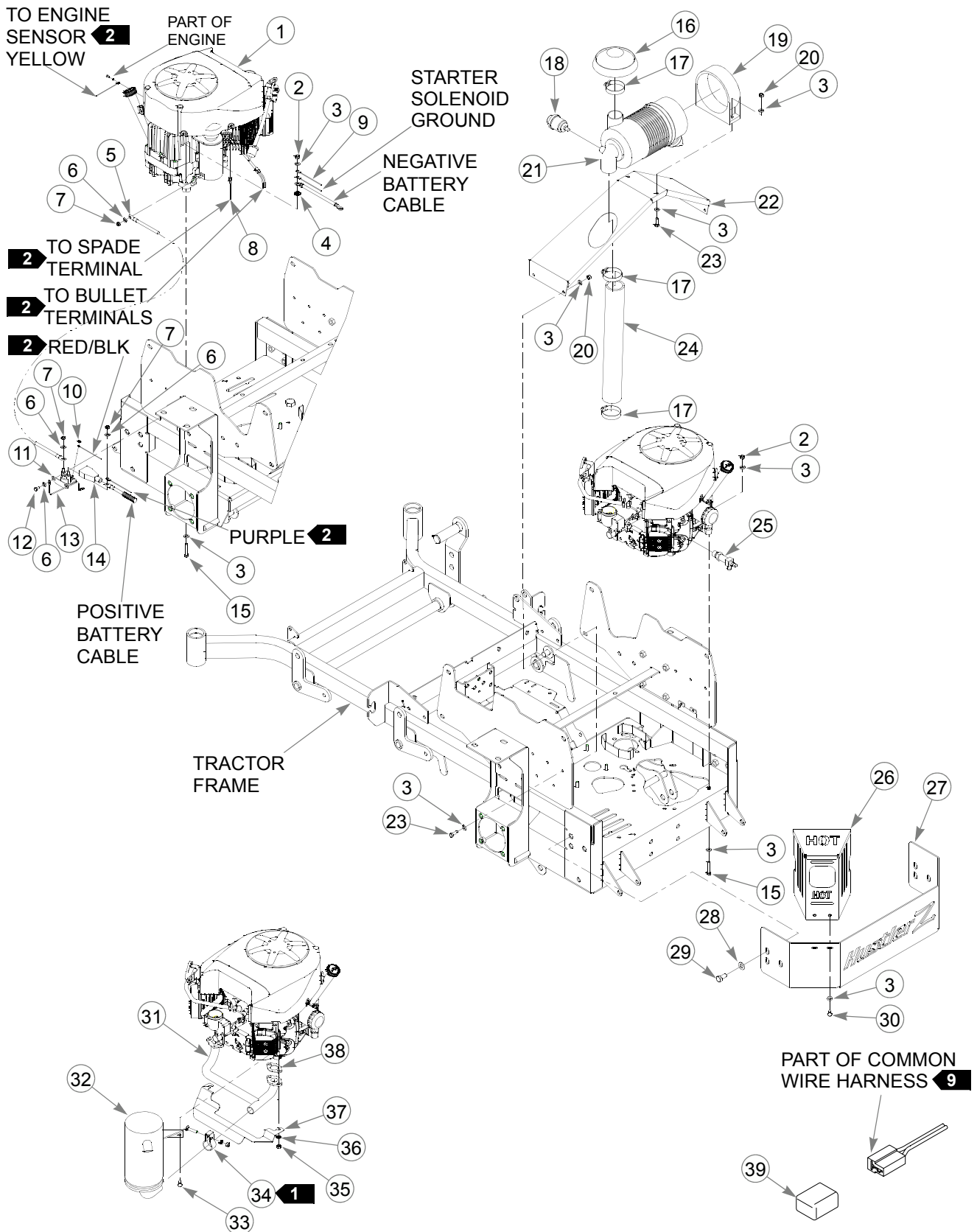
NOTES:

1. Torque to 61.0-65..1 N-m.
2. Torque to 16.3-20.3 N-m.
3. Apply grease at zerk (see owner's manual).
4. Included with Honda 24 HP engine (785014).
5. **Electric clutch burnishing procedure:** After installing a new clutch it is important to burnish the clutch to insure maximum deck clutch life. In an open area with no bystanders set the engine speed to half throttle. Cycle the deck clutch on for 15 seconds, and then off for 15 seconds. Repeat this operation 10 times, it will require about 5 minutes to complete.

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Kawasaki Engine Installation



Kawasaki Engine Installation

	ITEM NO.	SERVICE PART NO.	MFG. PART NO.	QTY	DESCRIPTION
5	1	777656	777656	1	KAWASAKI 23 HP ENGINE
	2	058776	058776	4	NT .312-18 HXZY NL
	3	768523	768523	22	FW .343 X .687 X .051/.080 HD ZN/YL
	4	029876	029876	1	LW .312 INT-EXT TOOTH ZN
	5	792762	792762	1	BATTERY CABLE
	6	768515	768515	5	FW .281 X .625 X .051/.080 HD ZN/YL
	7	024927	024927	3	NT .250-20 HX GR.5 ZN
	8	799312	799312	1	WIRE HARNESS ADAPTER
	9	799320	799320	1	COMMON WIRE HARNESS
	10	044255	044255	1	NT #10-32 HX ZN
	11	030817	030817	1	STARTER SOLENOID
	12	055947	055947	2	CS .250-20 X .500 HX G5 ZN
	13	792192	792192	1	STARTER RELAY GROUND WIRE
	14	771428	771428	1	RED BATTERY CABLE BOOT
	15	050161	050161	4	CS .312-18 X 1.75 HX G5
5	16	786673	786673	1	DONALDSON AIR CLEANER CAP
	17	057661	057661	3	HOSE CLAMP
	18	788943	788943	1	AIR FILTER INDICATOR
	19	785741	785741	1	MOUNTING BAND
	20	034272	034272	6	NT .312-18 HX G5 ZN
	21	782763	782763	1	AIR CLEANER
	22	366443	366443	1	REMOTE AIR CLEAN MOUNT BRACKET
	23	036236	036236	6	CS .312-18 X 1.00 HX G5 ZNYC
	24	786038	786038	1	REMOTE AIR FILTER HOSE
	25	796524	796524	1	OIL DRAIN M20 X 2.5 VALVE
	26	350371	350371	1	MUFFLER GUARD
	27	349704	349704	1	ENGINE CAGE MOUNT PLATE
	28	767962	767962	6	FW .531 X 1.063 X .090 SAE HD ZN
	29	016527	016527	6	CS .500-13 X 1.00 HX G5 ZN
	30	064006	064006	2	CS .312-18 X .625 HX G5 ZN
	31	781732	781732	1	MUFFLER MANIFOLD
	32	781724	781724	1	MUFFLER
	33	720177	720177	2	CS M 8-1.25 X 20 10.9 HXFL ZN
	34	782649	782649	1	KAW (23) EXHAUST PIPE CLAMP
	35	782664	782664	4	NT M8-1.25 HX STAINLESS STEEL
	36	017004	017004	4	LW .312 MED SPRING ZN
	37	360693	360693	1	HEAT SHIELD
	38	780841	780841	2	KAW (23) MUFFLER GASKET
	39	789131	789131	1	HUSTLER Z FAN CONNECTOR CAP

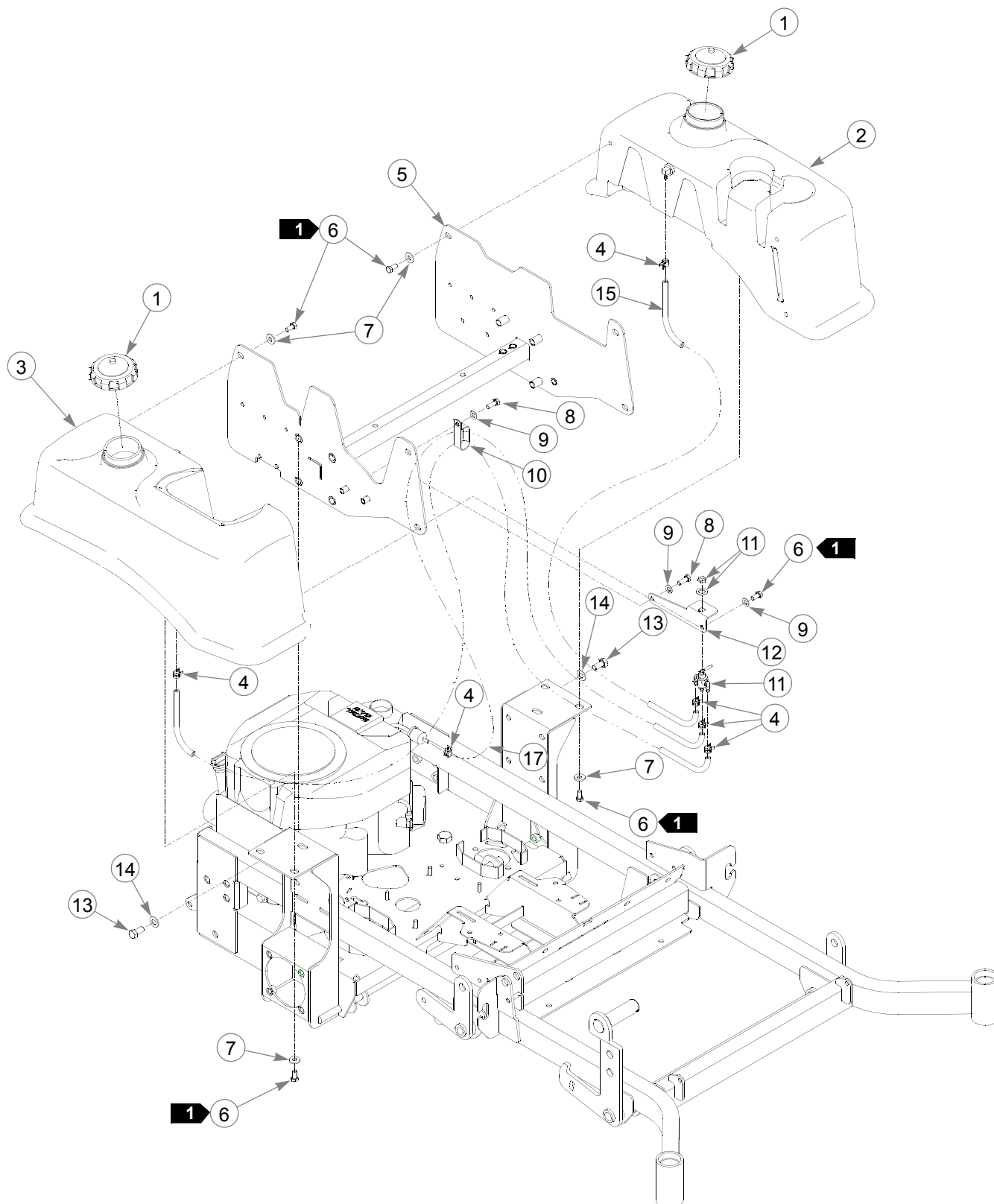
NOTES:

1. Includes mounting hardware.
2. Part of Item 8 (799312 Wire Harness Adapter).
3. Engine oil capacity; 1.9 L (w/filter).
4. Engine RPM to be set at 2650 ± 50 (927731CE), and 2750 ± 50 (927723CE).
5. Includes one (1) of Item 17 (057661 Hose Clamp).
6. When installing lower hose clamp on air cleaner hose, install as low as possible (against carburetor inlet).
7. This connector used for optional hydraulic oil cooler fan.
8. Air filter service parts:

785261	MAIN AIR FILTER ELEMENT
763318	VACUATOR VALVE

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Fuel System Installation



Fuel System Installation

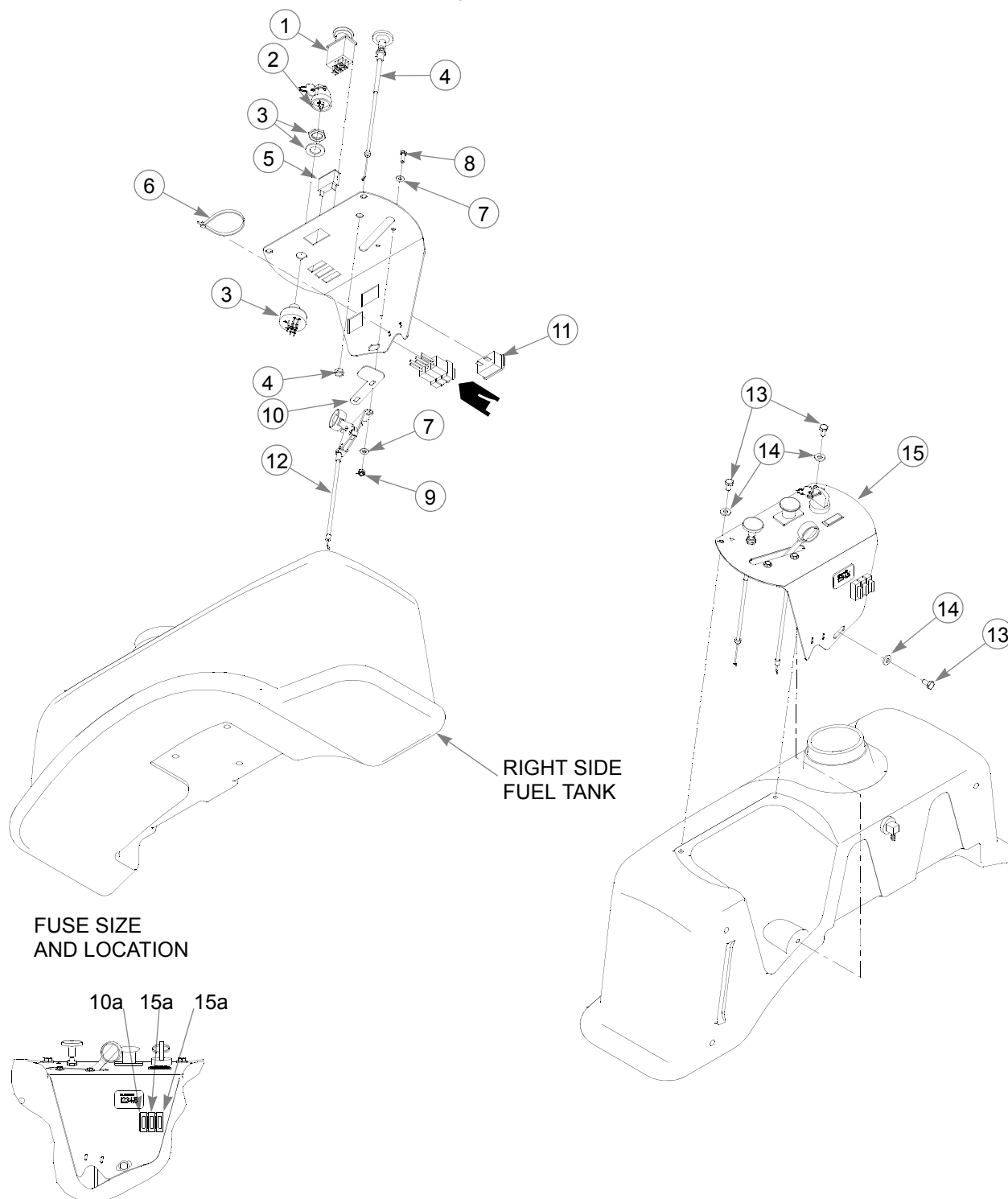
ITEM NO.	SERVICE PART NO.	MFG. PART NO.	QTY	DESCRIPTION
1	779306	779306	2	3.5" FUEL CAP
2	793240	793240	1	LEFT SIDE FUEL TANK
3	793232	793232	1	RIGHT SIDE FUEL TANK
4	000323	000323	6	CLIP
5	106732	N/A	1	REAR SEAT SUPPORT
6	055822	055822	12	CS .375-16 X .750 HX G5 ZN
7	712919	712919	11	FW .406 X 1.00 X .12 HRD ZN
8	036244	036244	2	CS .375-16 X 1.000 HX G5 ZN
9	767954	767954	3	FW .406 X .812 X .060 SAE HD ZN
10	045088	045088	1	HOSE CLAMP 1"
11	797084	797084	1	3-WAY NYLON FUEL VALVE
12	347989	347989	1	FUEL SHUT-OFF BRACKET
13	016527	016527	8	CS .500-13 X 1.00 HX G5 ZN
14	767962	767962	8	FW .531 X 1.063 X .090 SAE HD ZN
15	015818	015818	1	FUEL LINE 1156 MM
16	015818	015818	1	FUEL LINE 673.1 MM
17	015818	015818	1	FUEL LINE 571.5 MM
	000331	000331	3	BLACK CABLE TIE (NOT SHOWN)

NOTES:

1. Torque to 27.1 N-m.
2. Supplied with new fuel tank.
3. Fuel tank service part not shown:

PN	DESCRIPTION
799197	SZ HOSE ASSY, SUCTION

Instrument Panel Assembly



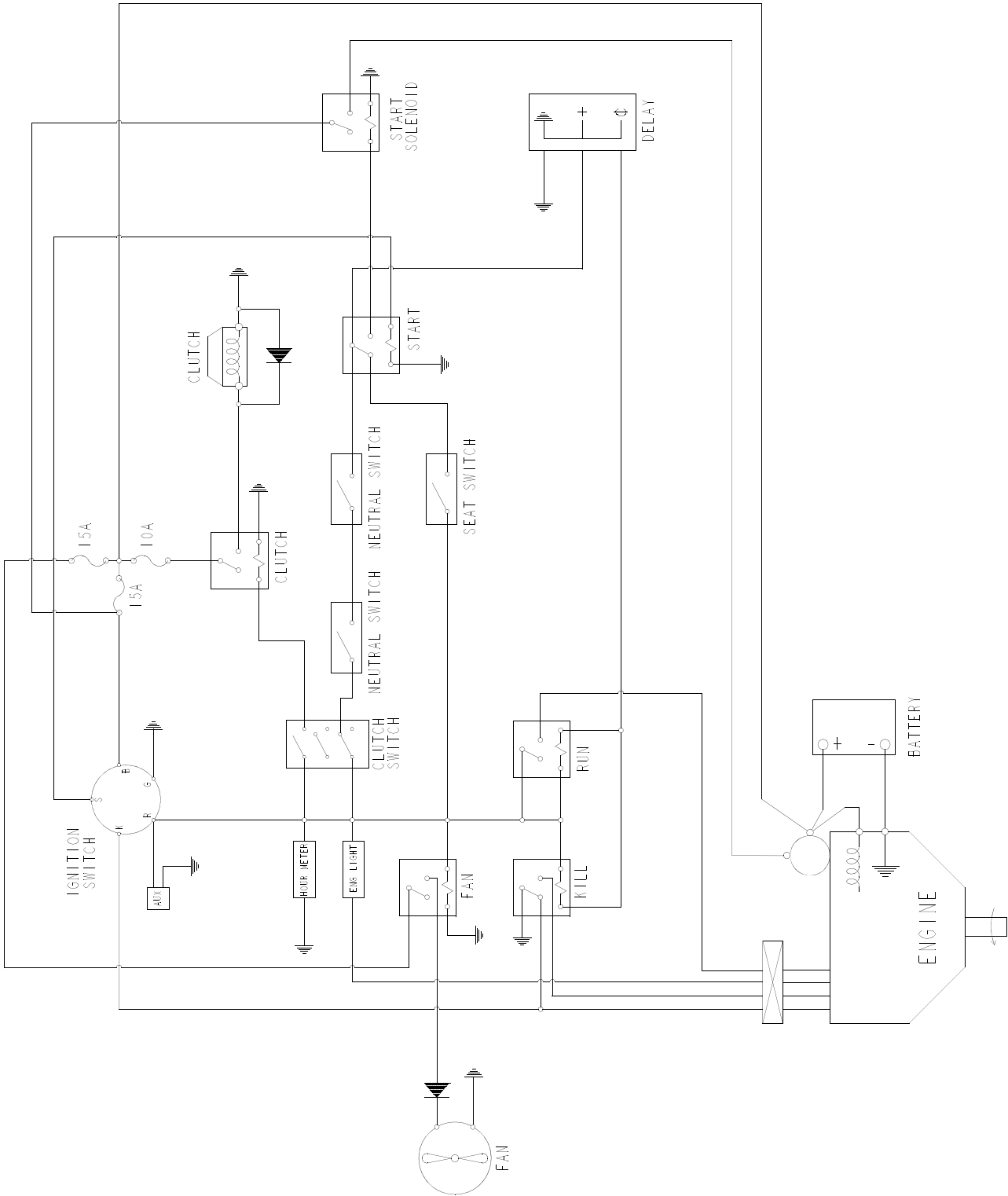
Instrument Panel Assembly

ITEM NO.	SERVICE PART NO.	MFG. PART NO.	QTY	DESCRIPTION
1	776476	776476	1	PTO SWITCH
2	785808	785808	1	IGNITION KEY SET
3	045898	045898	1	KEY SWITCH
4	785030	785030	1	Z CHOKE CABLE (KAWASAKI)
	786657	786657	1	Z CHOKE CABLE (HONDA & KOHLER)
5	712257	712257	1	RED INDICATOR LIGHT
6	000430	000430	2	TIE STRAP
7	704932	704932	4	FW .219 X .500 X .048 ZN
8	714998	714998	2	MS #10-24 X .625 HX ZN
9	059832	059832	2	NT #10-24 HX NL ZN
10	102707	102707	1	CE THROTTLE STOP
11	769166	769166	1	HOUR METER
12	778365	778365	1	THROTTLE/CHOKE CABLE
13	055947	055947	3	CS .250-20 X .500 HX G5 ZN
14	768515	768515	3	FW .281 X .625 X .051 / .080 HD ZN/YL
15	106633	106633	1	INSTRUMENT PANEL
	026237	N/A	6	RELAY (NOT SHOWN)

NOTES:

1. Part of 799320 (Tractor Wire Harness)

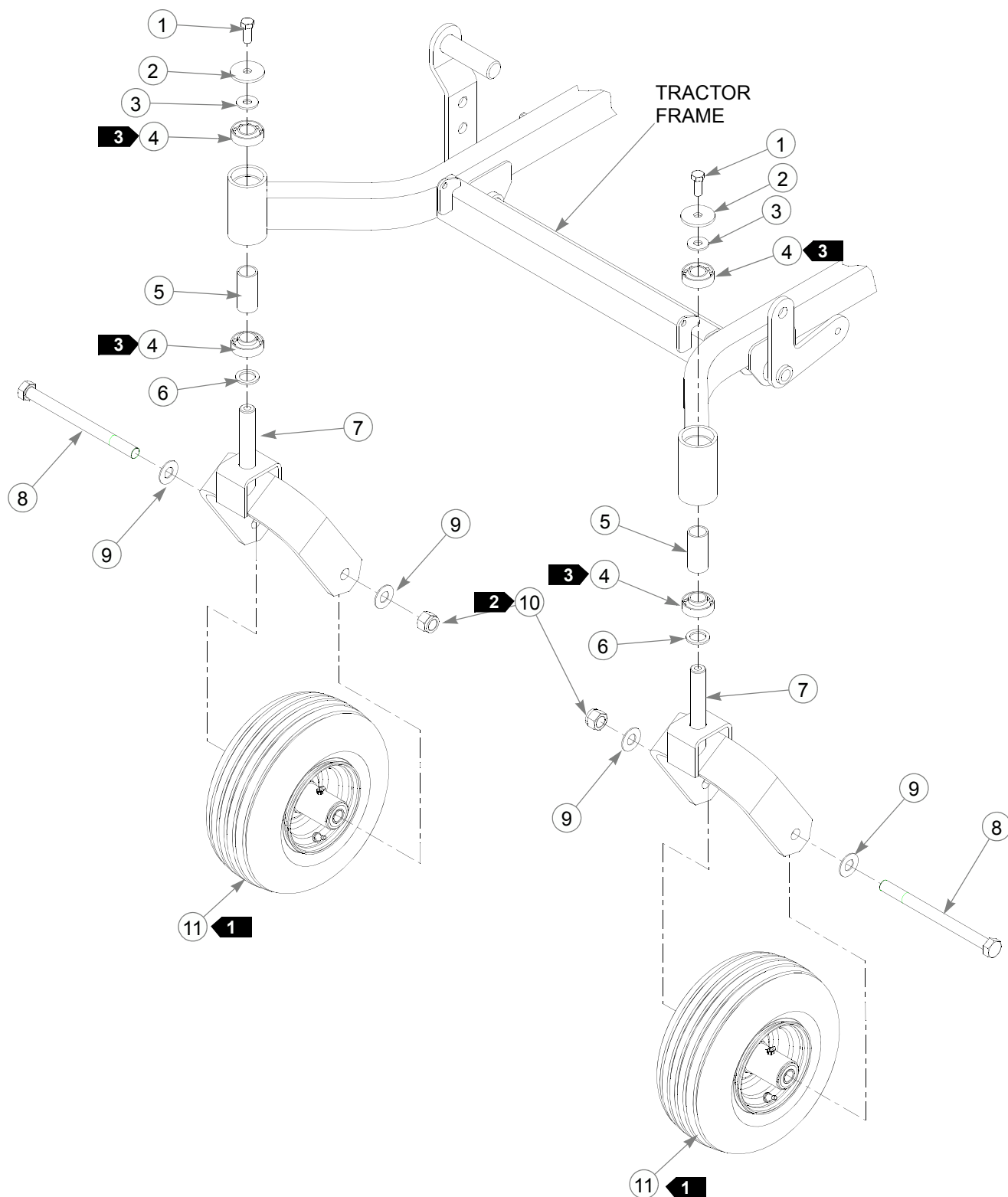
Electrical Schematic (799320)



Chapter 6 Contents

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Front Wheel Breakdown—747782.	6-4
Optional Semi-Pneumatic Tire/Wheel—789537	6-5
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Front Wheel Assembly



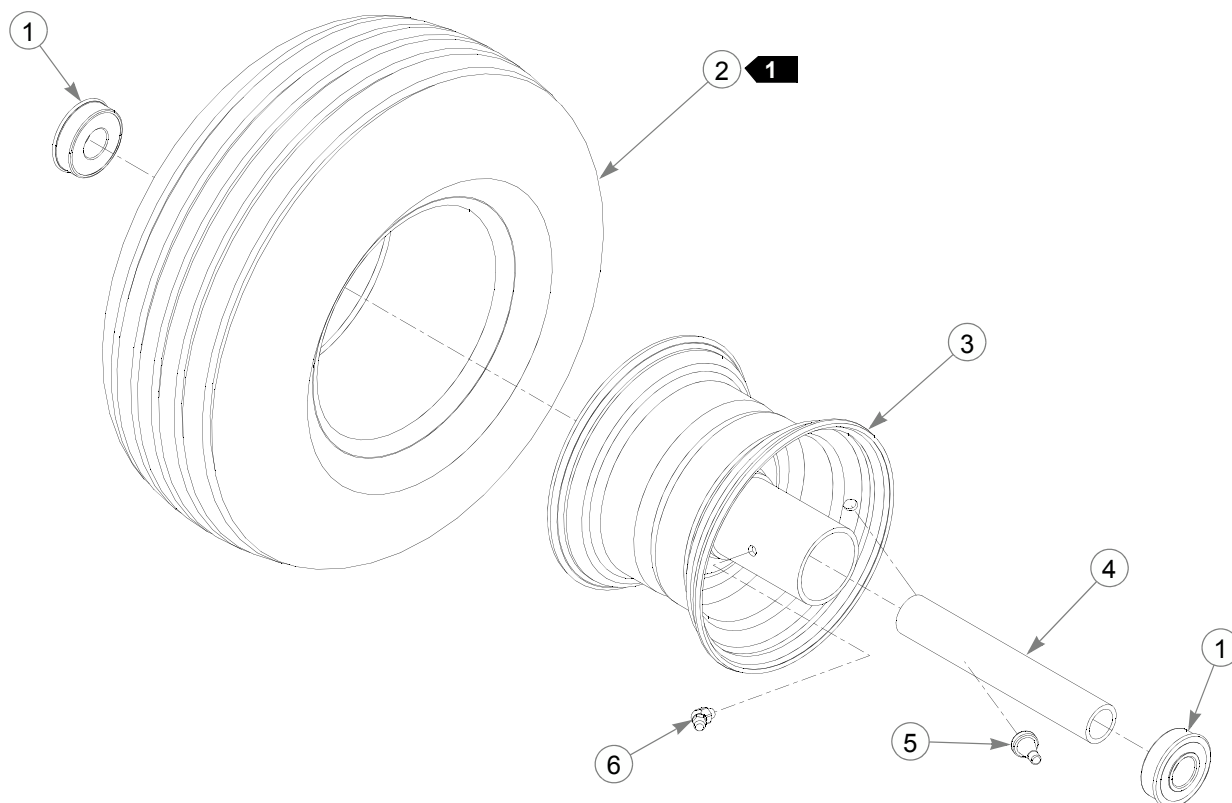
Front Wheel Assembly

INDEX NO.	SERVICE PART NO.	MFG. PART NO.	QTY	DESCRIPTION
1	705954	705954	2	CS .500-13 X 1.25 HX G5 ZN
2	344267	344267	2	FW .510 X 2.15 X .187 SPL ZN
3	712976	712976	2	FW .531X 1.375X.125 ZNY
4	784223	784223	4	BEARING W/O COLLAR
5	387035	387035	2	SPACER, 1.07 X 1.312 X 2.793
6	045765	045765	2	FW 1.030 X 1.500 X.134 ZN
7	349266	349266	2	FORK
8	041475	041475	2	CS .750-10 X 9.50 HX ZN
9	025296	025296	4	FW .760 X 1.625 X .08 ZN
10	061101	061101	2	NT .750-10 HX NL ZN
11	747782	747782	2	WHEEL & TIRE ASSY
	789537	N/A	2	OPTIONAL SEMI-PNEUMATIC WHEEL/TIRE ASSEMBLY

NOTES:

1. Apply grease to zerks.
2. Torque to 135.6 N-m.
3. Assemble with extended inner race toward item 5 (387035 Spacer, 1.07 x 1.312 x 2.793).

Front Wheel Breakdown—747782

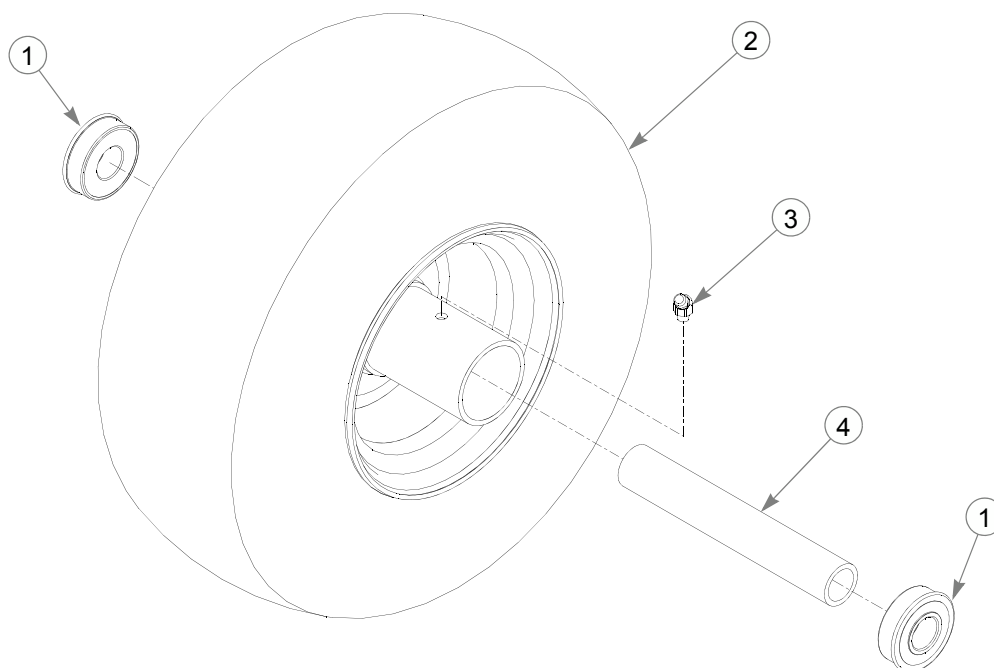


ITEM NO.	SERVICE PART NO.	MFG. PART NO.	QTY	DESCRIPTION
1	039677	N/A	2	WHEEL BEARING
2	747741	N/A	1	13 X 6.50 TIRE
3	747832	N/A	1	6 X 4.5 WHEEL
4	782771	N/A	1	BEARING SPACER
5	019521	N/A	1	TIRE VALVE
6	015511	N/A	1	GREASE FITTING 45 DEG 1/4

NOTES:

1. Inflate tire to 55.16-68.95 kPa.

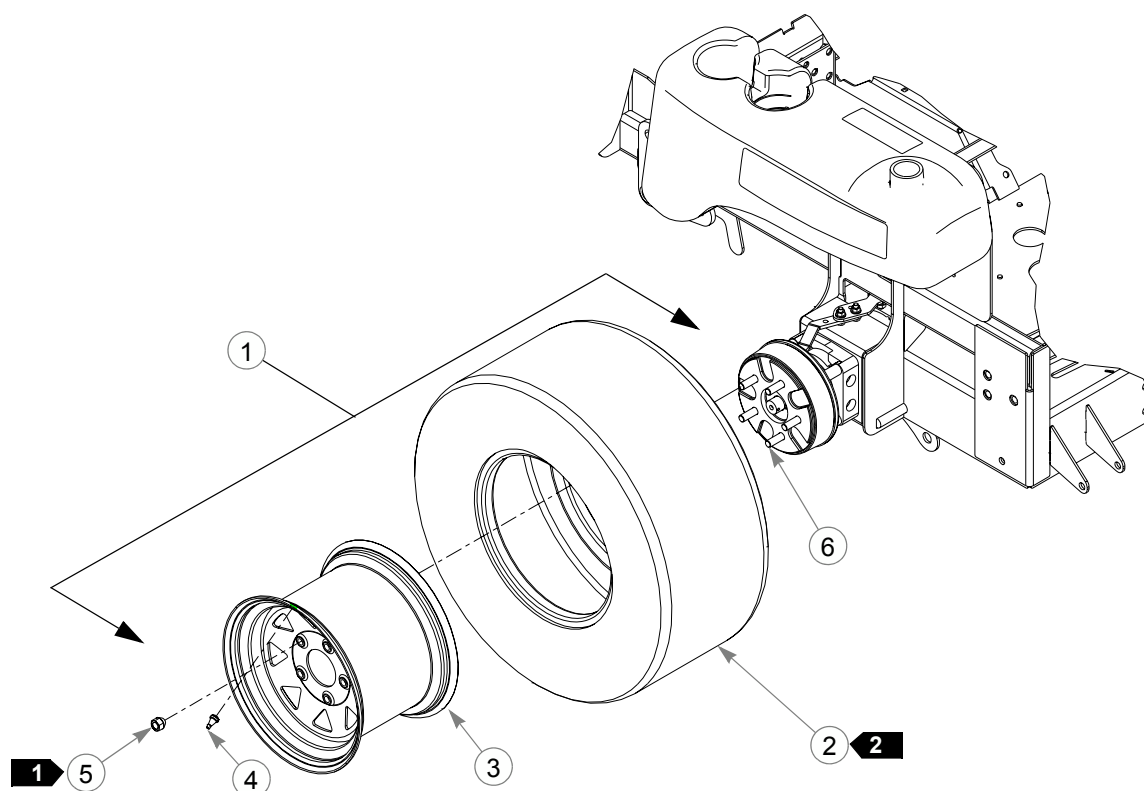
Optional Semi-Pneumatic Tire/Wheel—789537



ITEM NO.	SERVICE PART NO.	MFG. PART NO.	QTY	DESCRIPTION
1	039677	N/A	2	WHEEL BEARING
2	789537	N/A	1	TIRE/WHEEL ASSEMBLY
3	015511	N/A	1	GREASE FITTING 45 DEG 1/4
4	782771	N/A	1	BEARING SPACER

NOTES:

Drive Wheel Assembly Installation

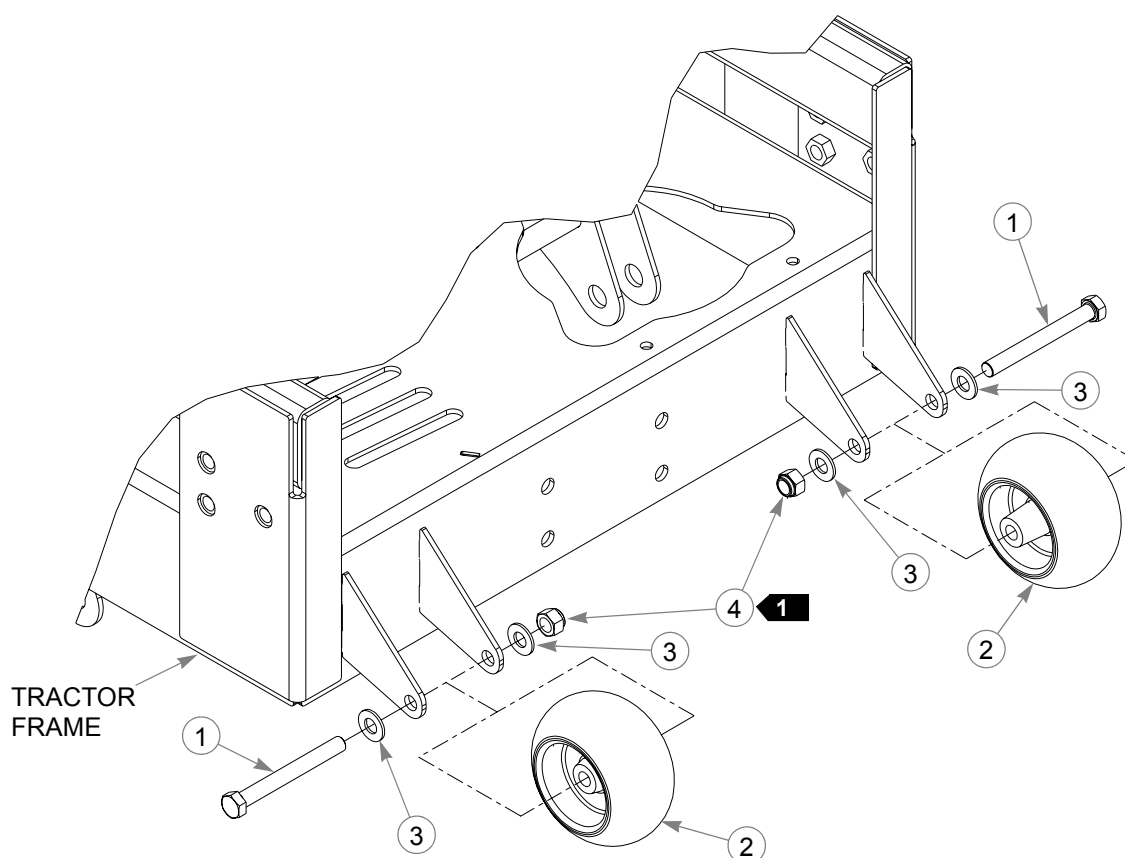


INDEX NO.	SERVICE PART NO.	PART NO.	QTY	DESCRIPTION
1	781237	781237	2	WHEEL & TIRE ASSY FOR 60" & 54" (QTY PER TRACTOR)
2	781245	N/A		TIRE, 12 X 12 X 24 FOR 60" & 54"
3	781252	N/A	2	WHEEL ASSEMBLY 12 X 8.50 FOR 60" & 54"
4	019521	N/A	2	TIRE VALVE
5	061077	061077	10	WHEEL NUT (QTY PER TRACTOR)
6	770859	N/A	10	1/2" WHEEL LUG STUD

NOTES:

1. Torque to 88.13-101.7 N-m.
2. Inflate tire to 55.16-68.95 kPa.

Anti-Rollover Wheel Assembly



INDEX NO.	SERVICE PART NO.	MFG. PART NO.	QTY	DESCRIPTION
1	068239	068239	2	CS .500-13 X 4.500 HX G5 ZN
2	031997	031997	2	ANTI-SCALP WHEEL
3	767962	767962	4	FW .531 X 1.063 X .090 SAE HD ZN
4	781567	781567	2	NT .50-13 HX LK NY

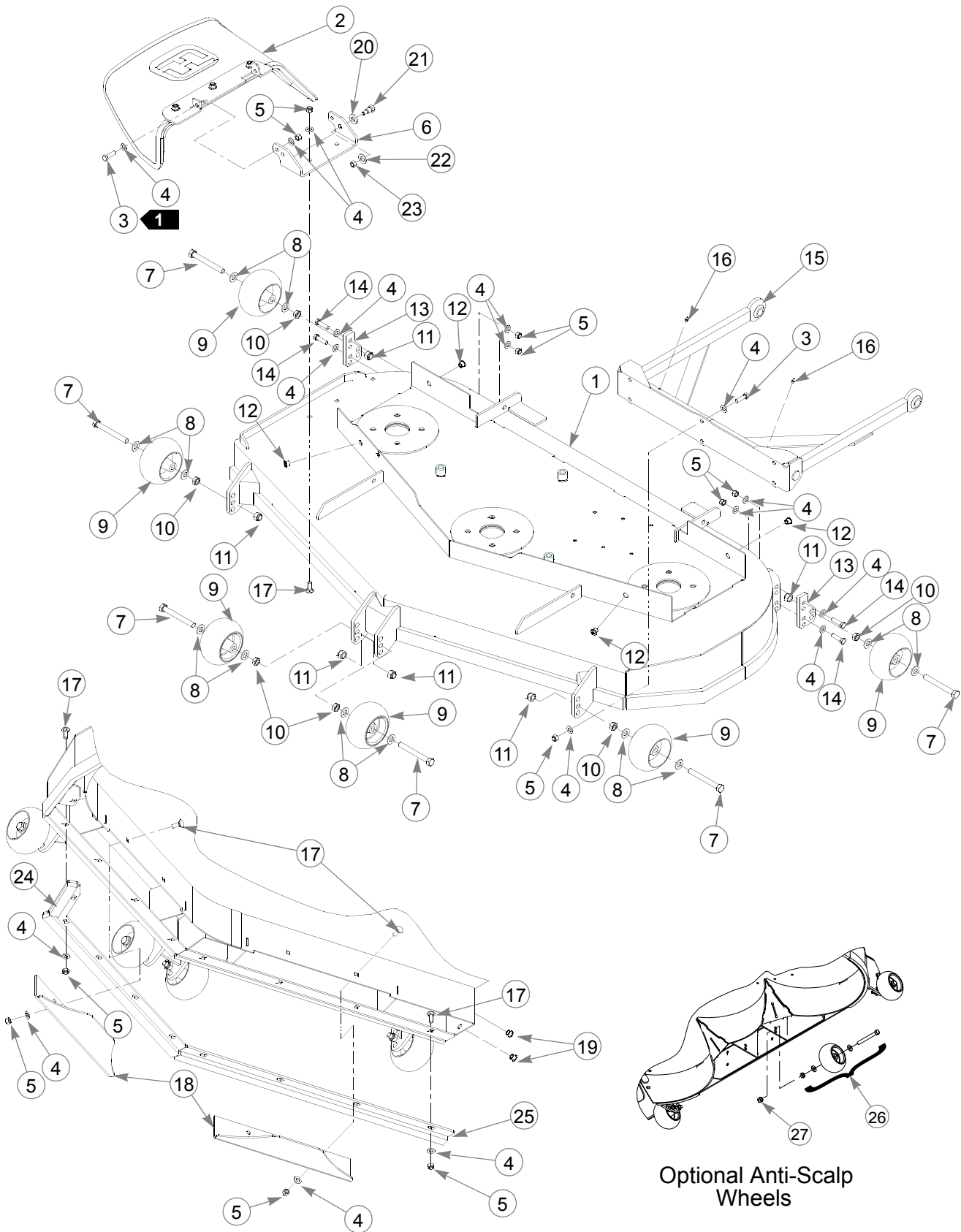
NOTES:

1. Do not torque, wheel must turn freely.

Chapter 7 Contents

60" Deck Assembly	7-2
60" Deck Pulley Assembly	7-4
54" Deck Assembly	7-6
54" Deck Pulley Assembly	7-8
Spindle Assembly–796235	7-10

60" Deck Assembly



60" Deck Assembly

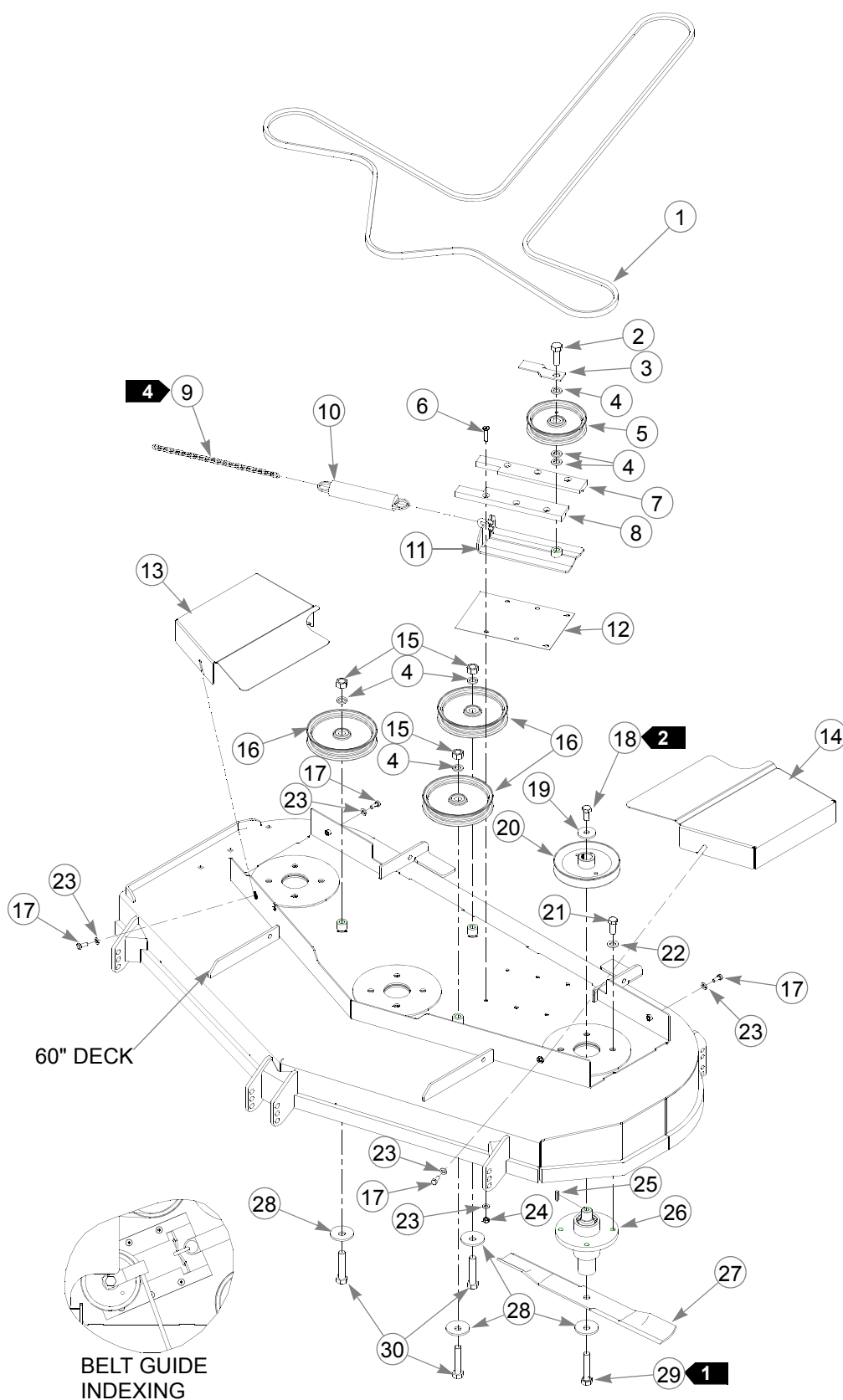
INDEX NO.	SERVICE PART NO.	MFG. PART NO.	QTY.	DESCRIPTION
3 1	547774	314021	1	60" DECK CRATED
2	798694	798694	1	RUBBER CHUTE ASSEMBLY
3	052860	052860	8	CS .375-16 X 1.25 HX G5
4	767954	767954	39	FW .406 X .812 X .060 SAE HD ZN
5	086660	086660	27	NT .375-16 HX LK NY
6	103010	103010	1	DISCHARGE CHUTE MOUNT BRACKET
7	781708	N/A	6	CS .500-13 X 4.25 HX G5 ZN
8	767962	N/A	12	FW .531 X 1.063 X .090 SAE HD ZN
9	031997	N/A	6	ANTI-SCALP WHEEL
10	053199	N/A	6	NT .500-13 HX JAM ZN
11	781567	781567	6	NT .50-13 HX LK NY
12	808485	808485	4	5/16-18 THREAD RIVET NUT
13	103184	103184	2	REAR ANTI-SCALP BRACKET
14	005116	005116	4	CS .375-16 X 1.375 HX G5 ZNYC
15	314104	314104	1	PUSHER
16	015495	015495	2	STRAIGHT GREASE FITTING
17	025395	025395	15	CB .375-16 X 1.00 STD CD
18	102764	102764	2	60" AIR FLOW FLOOR
19	808493	808493	2	3/8-16 THREAD RIVET NUT
20	070037	070037	1	FW .530X 1.06X.19 HRD Z
21	750414	750414	1	SB .500X .500 SH .375-1
22	767962	767962	1	FW .531X 1.063X.090 SAE
23	054502	054502	1	NT .375-16 HX GRD 5 ZNYC
24	104398	104398	1	60" XR7 LS BLOWOUT
25	104380	104380	1	60" XR7 RS BLOWOUT
2	788166	788166	4	ANTI SCALP WHEEL ASSY

NOTES:

1. Do not torque, Item 2 (798694 Discharge Chute) must pivot freely.
2. Includes items 7, 8, 9, and 10.
3. Service part deck includes decals (see "60" Deck Decals" in on page 9-4 for listing of decals).
4. For optional anti-scalp wheels order:

INDEX NO.	SERVICE PART NO.	MFG. PART NO.	QTY.	DESCRIPTION
2 26	788166	788166	2	ANTI-SCALP WHEEL ASSEMBLY
27	781567	781567	2	NT .500-13 H8ZY NL

60" Deck Pulley Assembly



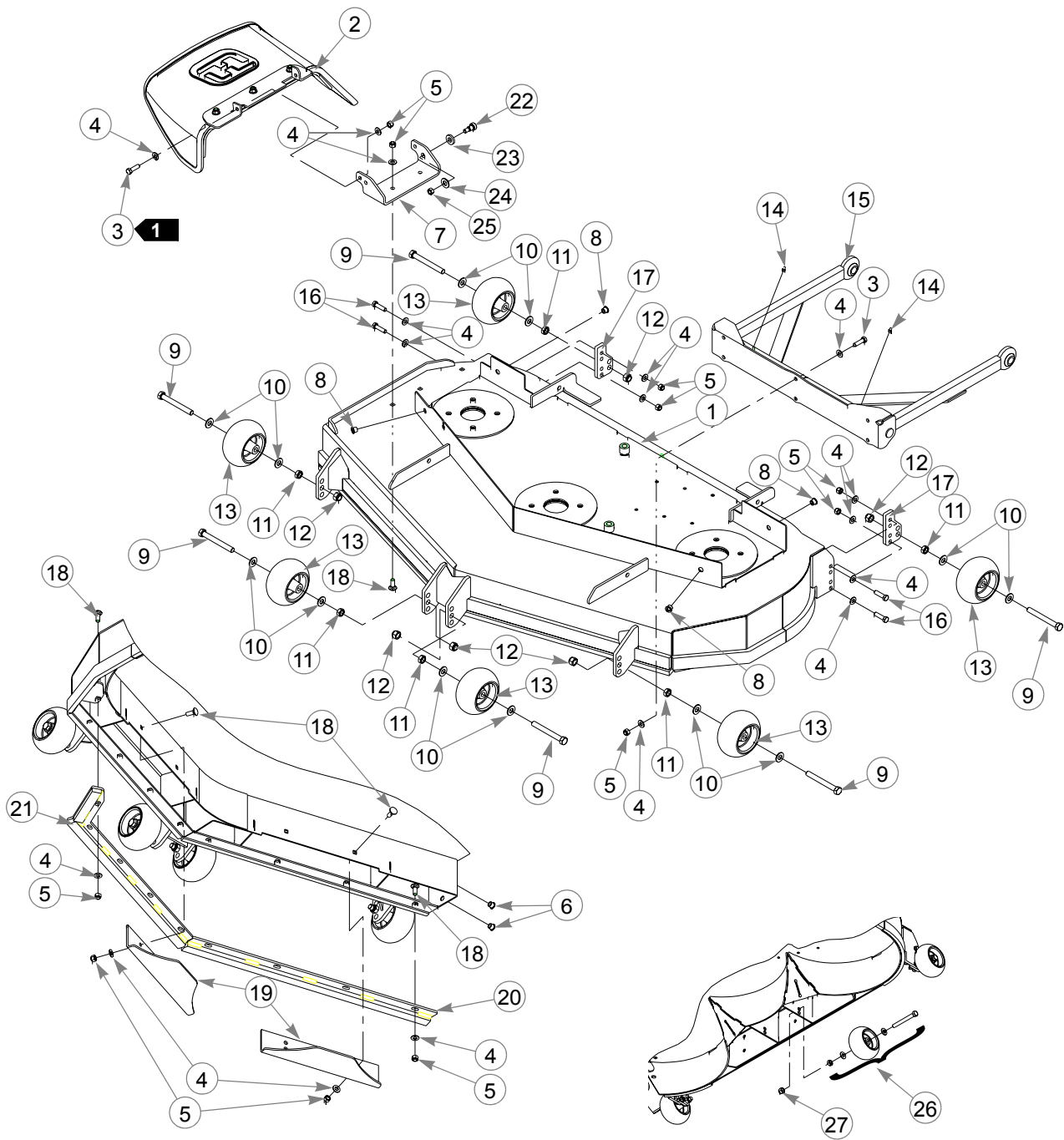
60" Deck Pulley Assembly

ITEM NO.	SERVICE PART NO.	MFG. PART NO.	QTY	DESCRIPTION
1	797720	797720	1	B-SECTION BELT
2	025007	025007	1	CS .625-11 X 1.75 HX G5 ZNYC
3	347443	347443	1	DECK BELT IDLER GUIDE
4	028118	028118	5	FW .62 X 1.00X.134 ZN
5	781856	781856	1	5.00" IDLER PULLEY
6	797910	797910	6	CS .312-18 X 1.50 FLT SH ZNYC
7	600189	600189	1	RS UHMW IDLER SLIDE
8	600171	600171	1	LS UHMW IDLER SLIDE
9	373191	059961	1	SIDE MOUNT CHAIN (21 LINKS)
10	781302	781302	1	IDLER SPRING
11	350884	350884	1	DECK IDLER
12	786335	786335	1	.03 THICK UHMW
13	103192	103192	1	RS 60" XR7 PULLEY COVER
14	103200	103200	1	LS 60" XR7 PULLEY COVER
15	016972	016972	3	NT .625-11 HX G5 ZNYC
16	781385	781385	3	6.00" IDLER PULLEY,
17	034280	034280	4	CS .312-18 X .750 HX G5 ZN
18	016527	016527	3	CS .500-13 X 1.00 HX G5 ZN
19	752386	752386	3	CW .515X 2.25X .204 ZN
20	770842	770842	3	DECK DRIVE PULLEY
21	705954	705954	12	CS .500-13 X 1.25 HX G5 ZNYC
22	767962	767962	12	FW .531 X 1.063 X .090 SAE HD ZN
23	768523	768523	10	FW .343 X .687 X .051/.080 HD ZN
24	058776	058776	6	NT .312-18 HXZY NL
25	212472	212472	3	KEY 1/4 SQ X 1.00 LONG
26	796235	796235	3	SPINDLE HOUSING ASSEMBLY
27	794685	794685	3	BLADE, F20.50" H-F-CW
28	782474	782474	6	CW .631 2.250 X .187 PNT
29	029934	029934	3	CS .625-11 X 3.00 HX G5 ZNYC
30	783738	783738	3	CS .625-11 X 3.00 FULL HX G5 ZN

NOTES:

1. Torque to 160 N-m.
2. Torque to 88.1-101.7 N-m.
3. Apply grease to zerk (see owner's manual).
4. See "Deck Belt Routing and Tensioning" in on page 8-4 for belt tensioning.
5. See "Spindle Assembly-796235" in on page 7-10 for breakdown.

54" Deck Assembly



Optional Anti-Scalp
Wheels

54" Deck Assembly

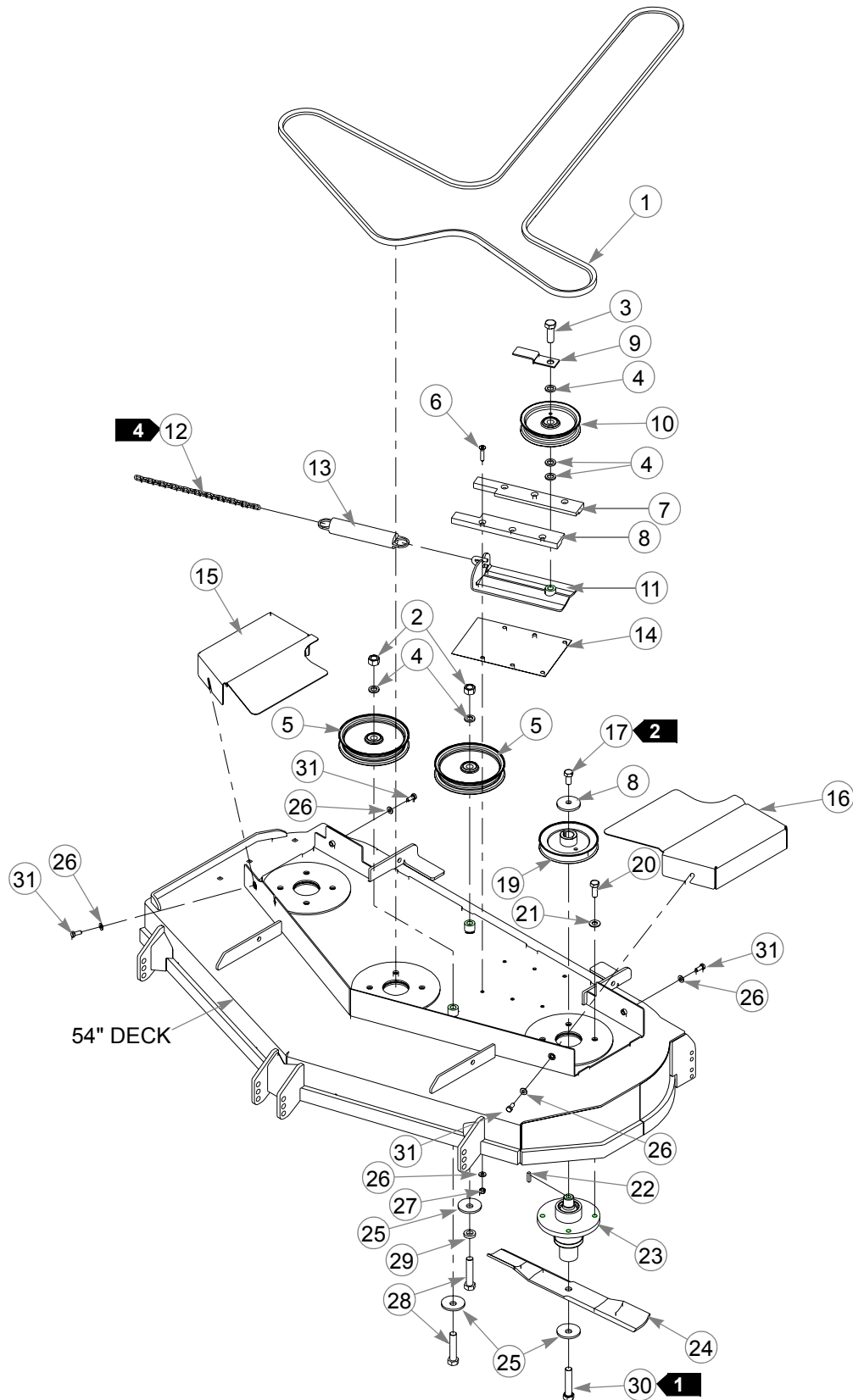
INDEX NO.	SERVICE PART NO.	MFG. PART NO.	QTY.	DESCRIPTION
1	548008	103317	1	54" DECK CRATED
2	798694	798694	1	54" DISCHARGE CHUTE
3	052860	052860	8	CS .375-16 X 1.25 HX G5 ZN
4	767954	767954	30	FW .406 X .812 X .060 SAE HD ZN
5	086660	086660	18	NT .375-16 HX LK NY
6	N/A	808493	2	3/8-16 THREAD RIVET NUT
7	103010	103010	1	DISCHARGE CHUTE MOUNT BRACKET
8	N/A	808485	4	5/16-18 THREAD RIVET NUT
9	781708	N/A	6	CS .500-13 X 4.25 HX G5 ZN
10	767962	N/A	12	FW .531 X 1.063 X.090 SAE HD ZN
11	053199	N/A	6	NT .500-13 HX JAM ZN
12	781567	781567	6	NT .50-13 HX LK NY
13	031997	N/A	6	ANTI-SCALP WHEEL
14	015495	015495	2	STRAIGHT GREASE FITTING
15	314104	314104	1	PUSHER
16	005116	005116	4	CS .375-16X1.375 HX G5
17	103184	103184	2	REAR ANTI-SCALP BRACKET
18	025395	025395	6	CB .375-16X 1.00 STD CD
19	103572	103572	2	54" AIR FLOW BAFFLE
20	107640	107640	1	54" XR7 RS BLOWOUT
21	107641	107641	1	54" XR7 LS BLOWOUT
22	750414	750414	1	SB .500X .500 SH .375-1
23	070037	070037	1	FW .530X 1.06X.19 HRD Z
24	767962	767962	1	FW .531X 1.063X.090 SAE
25	054502	054502	1	NT .375-16 HX GRD 5 ZNYC
2	788166	788166	6	ANTI-SCALP WHEEL ASSEMBLY

NOTES:

1. Do not torque, Item 2 (798694 Discharge Chute) must pivot freely.
2. Includes items 9, 10, 11, and 13.
3. Secure Item 11 (053199 Jam Nut) to bolt with a drop of Loctite® (271 Red). Tighten Item 11 to shank of Item 9 (781708 Cs .500-13 X 4.25 Hx G5 Zn). Anti-scalp wheel must turn freely.
4. Assemble in top hole for shipping purposes.
5. Item 15 (314104 Pusher) installed as shown with zerks pointing upward, apply grease to zerks.
6. Service part deck includes decals (see "60" Deck Decals" in on page 9-4 for listing of decals) and item 2 (Discharge Chute).
7. For optional anti-scalp wheels order:

INDEX NO.	SERVICE PART NO.	MFG. PART NO.	QTY.	DESCRIPTION
2	26	788166	2	ANTI-SCALP WHEEL ASSEMBLY
	27	781567	2	NT .500-13 H8ZY NL

54" Deck Pulley Assembly



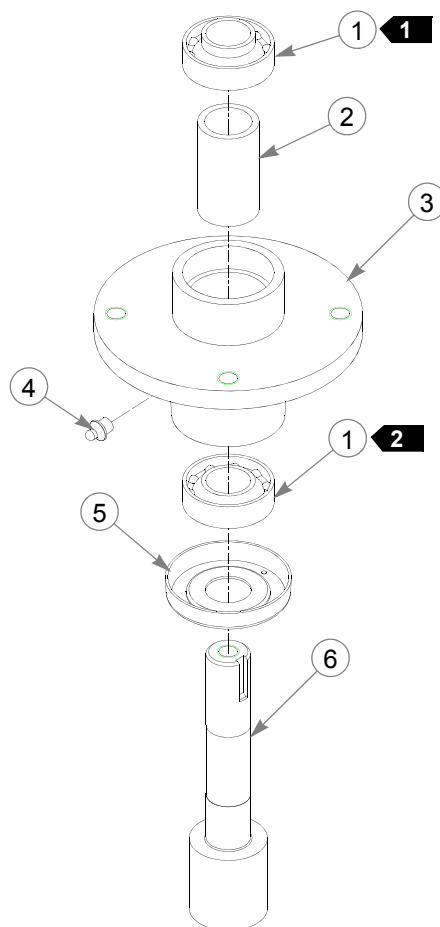
54" Deck Pulley Assembly

INDEX NO.	SERVICE PART NO.	MFG. PART NO.	QTY.	DESCRIPTION
1	797928	797928	1	B-SECTION BELT
2	016972	016972	2	NT .625-11 HX G5 ZNYC
3	025007	025007	1	CS .625-11 X 1.50 HX G5 ZN
4	028118	028118	5	FW .62 X 1.00 X .134 ZN
5	781385	781385	2	6.00" IDLER PULLEY
6	797910	797910	6	CS .312-18X1.50FLT SH ZY
7	600189	600189	1	IDLER SLIDE UHMW RS
8	600171	600171	1	IDLER SLIDE UHMW LS
9	347443	347443	1	DECK BELT IDLER TOP GUIDE
10	781856	781856	1	5.00" IDLER PULLEY
11	350884	350884	1	DECK IDLER
12	373191	059931	1	SIDE MOUNT CHAIN 21 LINKS
13	781302	781302	1	IDLER SPRING
14	786335	786335	1	UHMW .03 THICK
15	103986	103986	1	RS 54" PULLEY COVER
16	103994	103994	1	LS 54" PULLEY COVER
17	016527	016527	3	CS .500-13 X 1.00 HX G5 ZN
18	752386	752386	3	CW .515X 2.25X .204 ZN
19	798967	798967	3	DECK DRIVE PULLEY
20	705954	705954	12	CS .500-13X1.25 HX G5 ZY
21	767962	767962	12	FW .531X 1.063X.090 SAE
22	212472	212472	3	KEY 1/4 SQ X 1.00 LONG
23	796235	796235	3	DECK SPINDLE ASSY
24	797696	797696	3	BLADE, F18.50"-H-F-CW
25	782474	782474	5	CW .631 X 2.250 X .187 PNT
26	768523	768523	10	FW .343X.687X.051/.080H
27	058776	058776	6	NT .312-18 HXZY NL
28	783738	783738	2	CS .625-11X3.00 FULL HX G5 ZN
29	769257	769257	1	FW .656X 1.250X.250 ZNY
30	029934	029934	3	CS .625-11 X 3.00 HX G5 ZNYC
31	034280	034280	4	CS .312-18 X .750 HX G5 ZN

NOTES:

1. Torque to 160 N-m.
2. Torque to 88.1-101.7 N-m.
3. Apply grease to zerk.
4. See "Deck Belt Routing and Tensioning" in on page 8-4 for belt tensioning.
5. See "Spindle Assembly-796235" in on page 7-10 for breakdown.

Spindle Assembly-796235



INDEX NO.	SERVICE PART NO.	MFG. PART NO.	QTY.	DESCRIPTION
1	077123	N/A	2	BEARING W/O COLLAR
2	766204	N/A	1	BLADE SPINDLE BUSHING
3	034843	N/A	1	CAST SPINDLE HOUSING
4	012005	N/A	1	GREASE FITTING
5	600893	N/A	1	BEARING DUST COVER
6	796227	N/A	1	SADDLELESS SPINDLE SHAFT

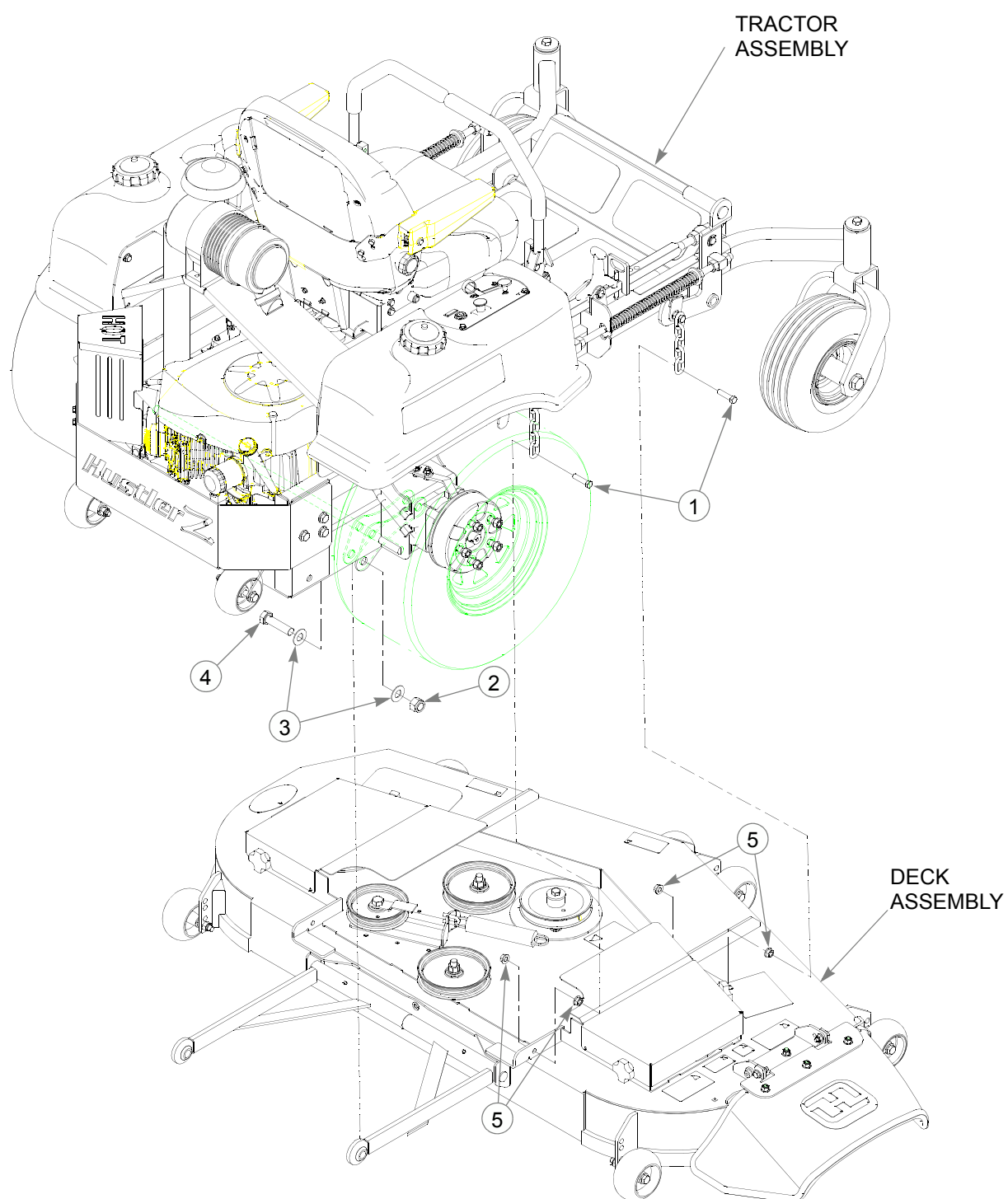
NOTES:

1. Install upper bearing with extended inner race up.
2. Install lower bearing with extended inner race down.

Chapter 8 Contents

Deck Installation	8-2
Deck Belt Routing and Tensioning	8-4
Seat Installation	8-6

Deck Installation

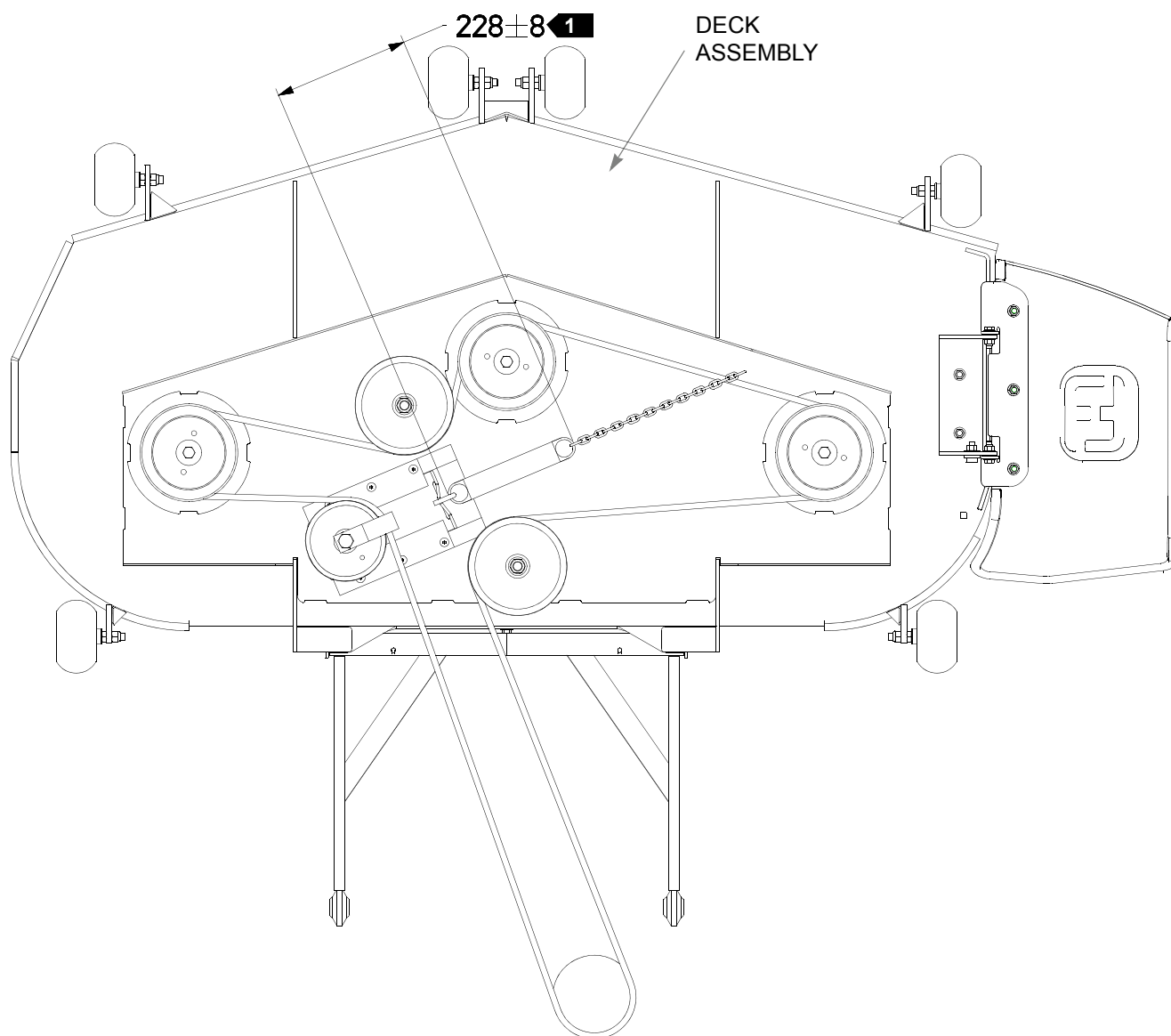


Deck Installation

ITEM NO.	SERVICE PART NO.	MFG. PART NO.	QTY	DESCRIPTION
1	055749	055749	4	CS .437-14 X 1.750 HX G5 ZN
2	061101	061101	2	NT .750-10 HX NL ZN
3	025296	025296	4	FW .760 X 1.625 X.08 ZN
4	051169	051169	2	CS .750-10 X 3.000 HX G5 ZN
5	704643	704643	8	NT .437-14 HX FLG ZN

NOTES:

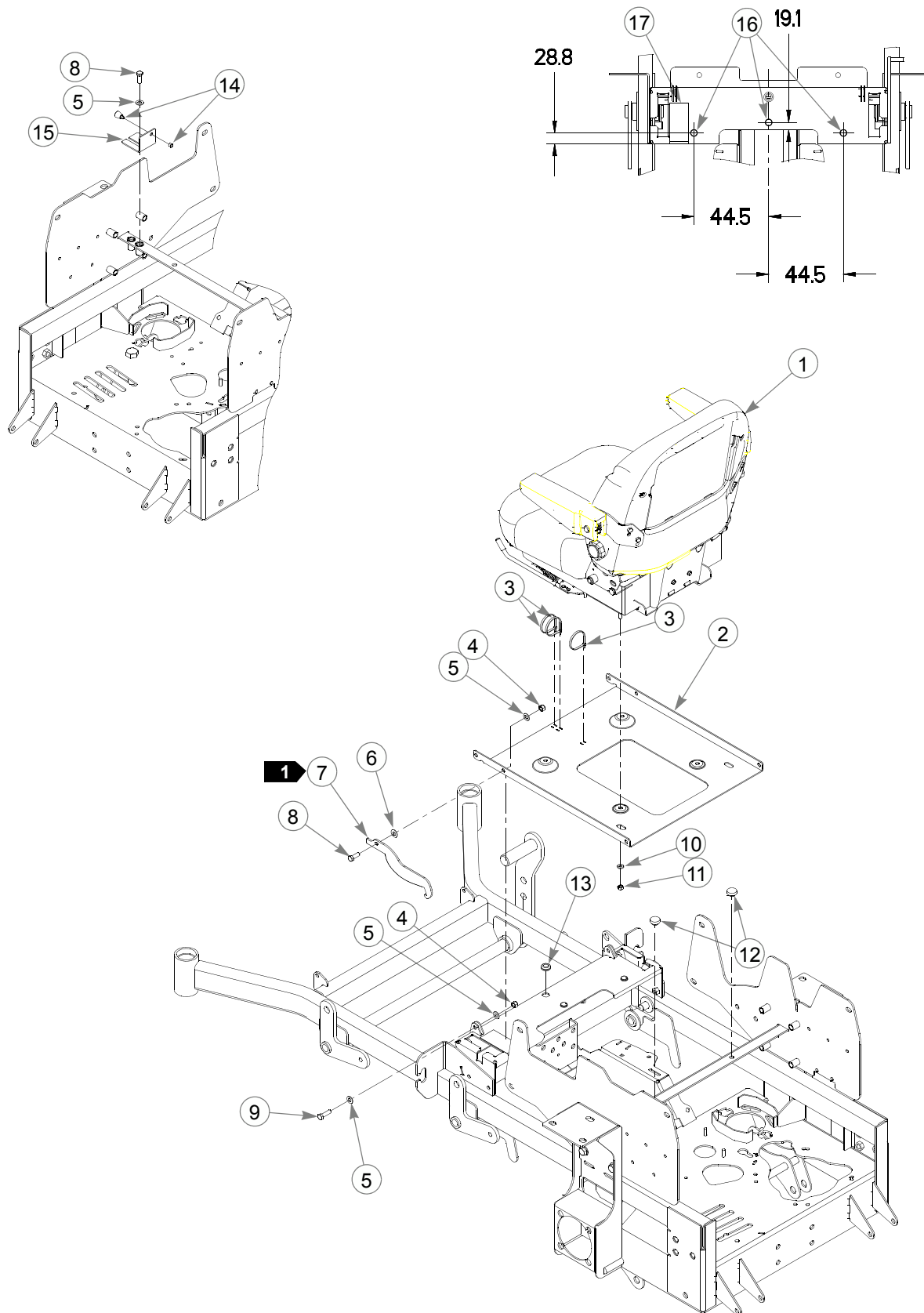
Deck Belt Routing and Tensioning



NOTES:

1. Spring length after tensioning belt. Measure spring from outside of hook to outside of hook.
2. Route belt as shown.

Seat Installation



Seat Installation

INDEX NO.	SERVICES PART NO.	MFG. PART NO.	QTY	DESCRIPTION
1	793661	793661	1	MICHIGAN SEAT
2	350041	350041	1	SEAT PAN
3	000331	000331	3	BLACK CABLE TIE
4	086660	086660	3	NT .375-16 HX LK NY
5	767954	767954	7	FW .406 X .812 X .060 SAE HD ZN
6	724716	724716	1	FIBER WASHER
7	350421	350421	1	SEAT PAN STOP
8	036244	036244	3	CS .375-16 X 1.000 HX G5 ZN
9	052860	052860	2	CS .375-16 X1.250 HX G5 ZN
10	768523	768523	4	FW .343 X .687 X .051/.080 HD ZN/Y
11	034272	034272	4	NT .312-18 HX G5 ZN
12	781880	781880	2	BUMPER
13	080358	080358	1	GM .50 X 1.00 X .75 X .12 GROMMET
14	748756	748756	1	LATCH SPRING PLUNGER
15	350462	350462	1	SEAT LATCH BRACKET
16	781617	781617	3	RUBBER BUMPER
17	722199	722199	1	2" WIDE SCOTCH POLYURETHANE 5.55" LONG

NOTES:

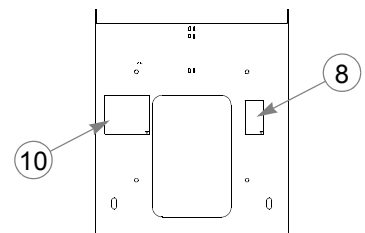
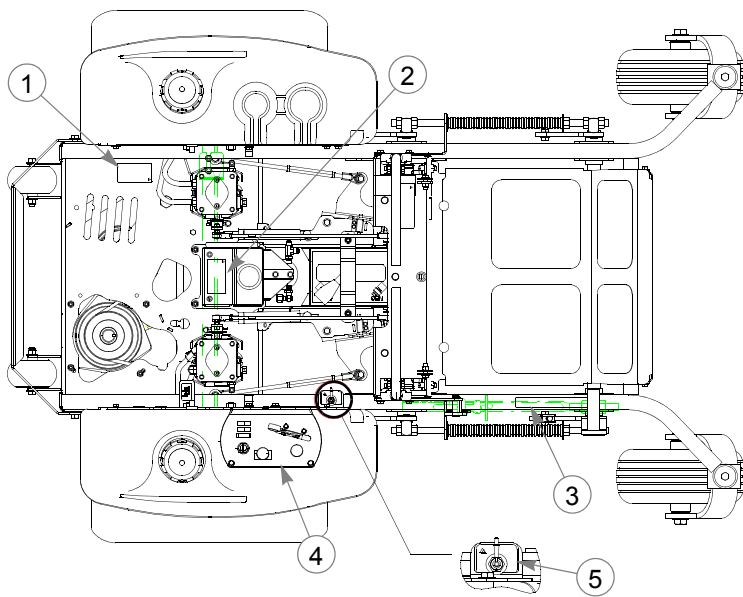
1. Must pivot freely.
2. Service parts available for Michigan Standard seat;

<u>PART NO.</u>	<u>DESCRIPTION</u>
793307	SLIDE KIT
793315	SEAT SWITCH
793331	ARMREST KIT (OPTIONAL SQUARE STYLE)
793349	L.H. ARMREST ASSMBLY (SQUARE STYLE W/ BRACKETS)
793356	R.H. ARMREST ASSMBLY (SQUARE STYLE W/ BRACKETS)
797456	ARMREST KIT (OPTIONAL ROUND STYLE)
767464	L.H. ARMREST ASSMBLY (ROUND STYLE W/ BRACKETS)
797472	R.H. ARMREST ASSMBLY (ROUND STYLE W/ BRACKETS)
797480	ONE ARMREST ONLY (ROUND STYLE W/O BRACKET)
793273	ARMREST STOP ASSY

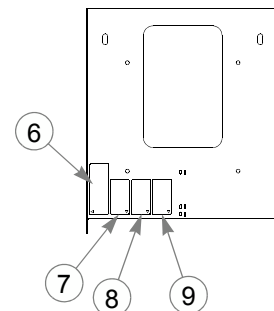
Chapter 9 Contents

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60" Deck Decals	9-4
54" Deck Decals	9-5

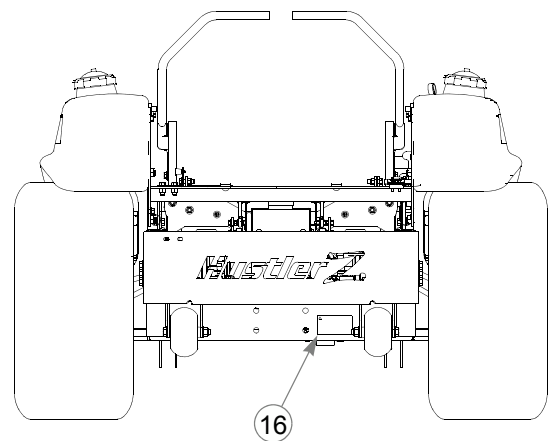
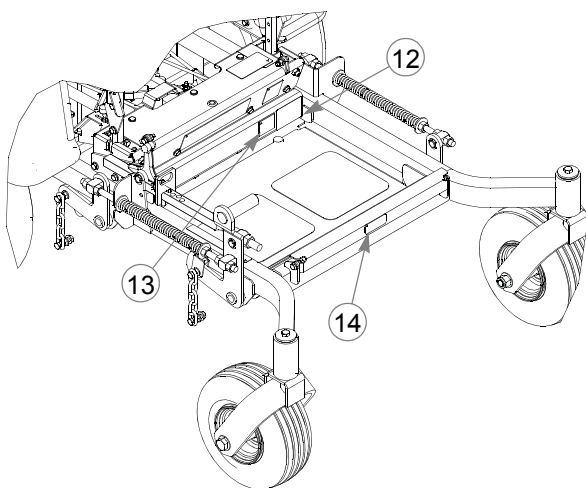
Tractor Decals



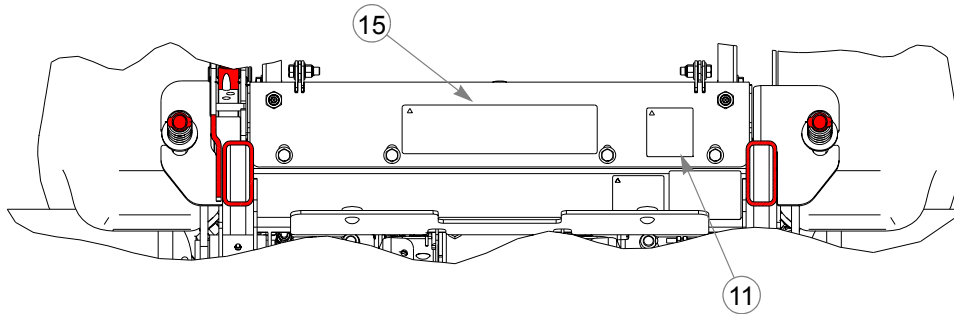
**BOTTOM OF
SEAT PAN**



**TOP OF
SEAT PAN**



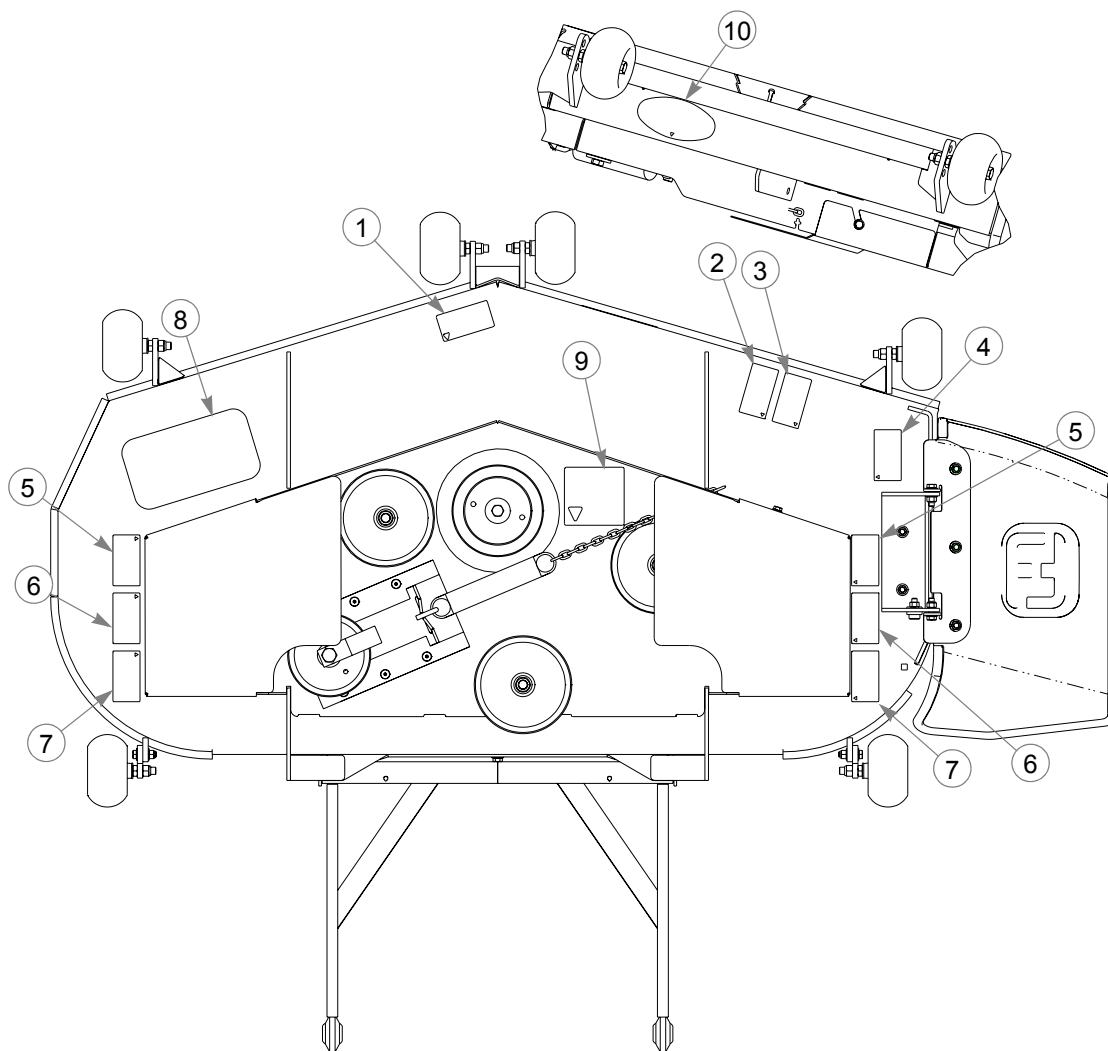
Tractor Decals



INDEX NO.	SERVICE PART NO.	MFG. PART NO.	QTY.	DESCRIPTION
1	727008CE	727008CE	1	HYDRAULIC FLUID DECAL - CE
2	779280CE	779280CE	1	HOT DECAL - CE
3	781427CE	781427CE	1	DECK HEIGHT INDICATOR DECAL
4	784702CE	784702CE	1	INSTRUMENT PANEL DECAL - CE
5	791830	791830	1	FUEL INDICATOR DECAL
6	789727CE	789727CE	1	EYE/EAR/FOOT PROTECTION DECAL
7	777029CE	777029CE	1	MAXIMUM ANGLE CE DECAL
8	789719CE	789719CE	1	READ SERVICE MANUAL DECAL - CE
9	789701CE	789701CE	1	READ OWNER'S MANUAL DECAL - CE
10	727016CE	727016CE	1	BATTERY DECAL - CE
11	789776CE	789776CE	1	DBA DECAL - CE
12	N/A	083279	1	TURF PROD SERIAL NO PLATE
13	776310	776310	1	CE MARK DECAL
14	793588	793588	1	HUSTLER NAME PLATE
15	786426	786426	1	HUSTLER Z ID DECAL
16	771436CE	771436CE	1	STABILIZER ROLLERS DECAL - CE

NOTES:

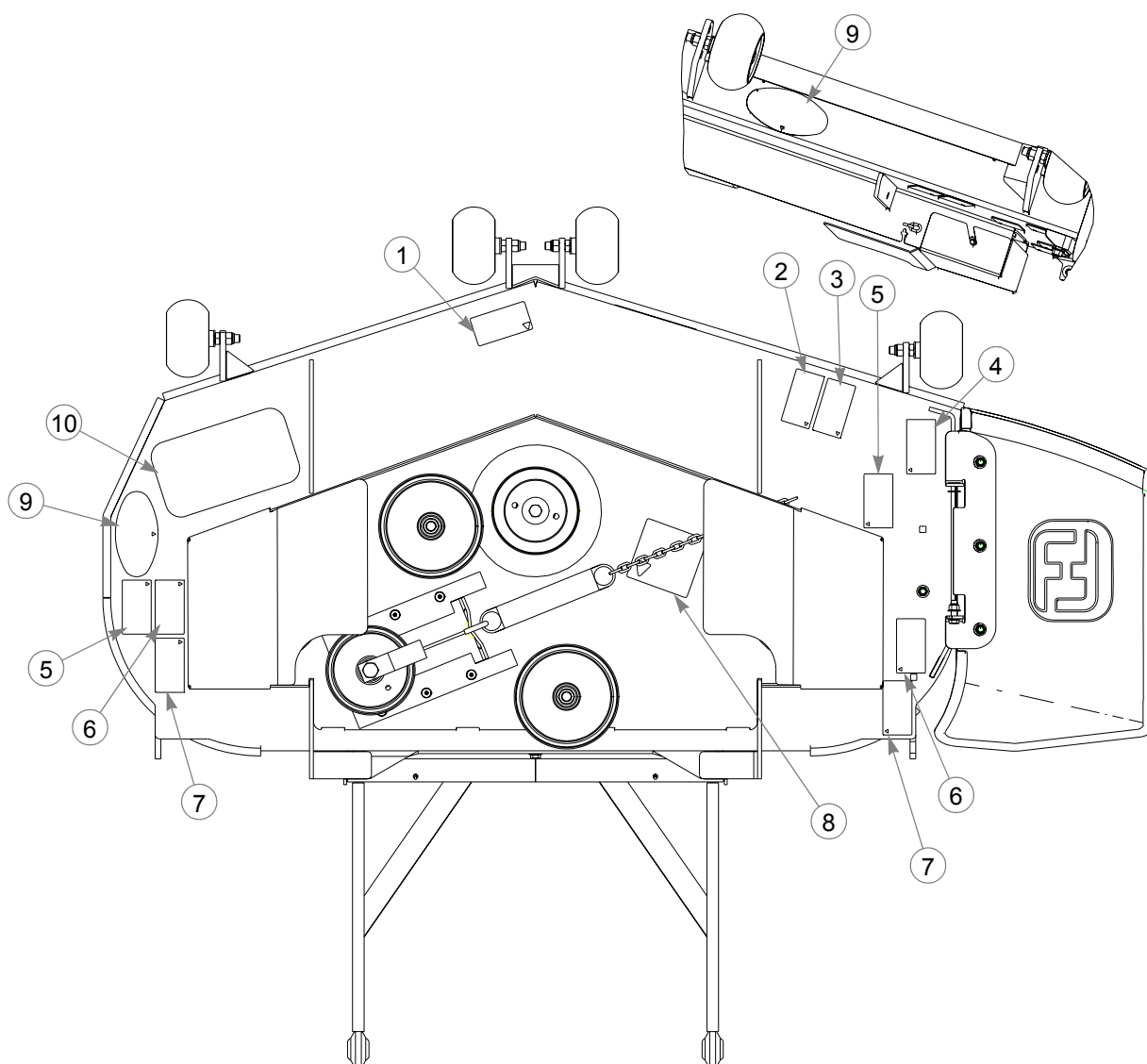
60" Deck Decals



INDEX NO.	SERVICE PART NO.	MFG. PART NO.	QTY.	DESCRIPTION
1	786277	786277	1	60" SIDE DISCHARGE DECK ID DECAL
2	789719CE	789719CE	1	READ SERVICE MANUAL DECAL
3	789701CE	789701CE	1	READ OWNER'S MANUAL DECAL
4	727420CE	727420CE	1	DISCHARGE CHUTE CE DECAL
5	789685CE	789685CE	2	THROWN OBJECT DECAL
6	727453CE	727453CE	2	DECK COVER CE DECAL
7	727438CE	727438CE	2	FINGERS AND TOES DECAL
8	359547	359547	1	STEP TREAD
9	799395	799395	1	BELT ROUTING DECAL
10	799353	799353	1	XR7 DECK ID DECAL

NOTES:

54" Deck Decals



INDEX NO.	SERVICE PART NO.	MFG. PART NO.	QTY.	DESCRIPTION
1	799171	799171	1	54" SIDE DISCHARGE DECK ID DECAL
2	789719CE	789719CE	1	READ SERVICE MANUAL DECAL - CE
3	789701CE	789701CE	1	READ OWNER'S MANUAL DECAL - CE
4	727420CE	727420CE	2	DISCHARGE CHUTE DECAL - CE
5	789685CE	789685CE	2	THROWN OBJECT DECAL
6	727453CE	727453CE	2	DECK COVER DECAL - CE
7	727438CE	727438CE	2	FINGERS & TOES DECAL - CE
8	781419CE	781419CE	1	Z DECK BELT ROUTING DECAL - CE
9	799353	799353	2	XR7 DECK ID DECAL
10	359547	359547	1	STEP TREAD 5.00 X 9.00

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