

***Hustler® X-One®
Parts Manual***



HUSTLER®
ENGINEERING PERFORMANCE™

200 South Ridge Road
Hesston, Kansas
67062

WARNING

The engine exhaust from this product contains chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.

NOTICE OF REQUIREMENT OF SPARK ARRESTER MUFFLER

This equipment may create sparks that can start fires around dry vegetation. California Public Resources Code Section 4442.6 provides that it is unlawful to use or operate an internal combustion engine on any forest-covered, brush-covered, or grass-covered land unless the engine is equipped with a spark arrester maintained in effective working order. A spark arrester is a device constructed of nonflammable materials specifically for the purpose of removing and retaining carbon and other flammable particles over 0.0232 of an inch in size from the exhaust flow of an internal combustion engine that uses hydrocarbon fuels or which is qualified and rated by the United States Forest Service. Other states or federal areas may have similar laws. The Operator Should Contact Local Fire Agencies For Laws or Regulations Relating to Fire Prevention Requirements. **THIS EQUIPMENT DOES NOT HAVE A SPARK ARRESTER AND YOU SHOULD CONTACT YOUR AUTHORIZED DEALER FOR THE PURCHASE OF A SPARK ARRESTER.**

Inspect spark arrester daily; replace every 500 hours or as needed.

The Engine Owner's Manual provides information regarding the U.S. Environmental Protection Agency (EPA) and the California Emission Control Regulation of emission systems, maintenance and warranty.

Keep Engine Owner's Manual with your unit. Should the Engine Owner's Manual become damaged or illegible, replace immediately. Replacements may be ordered per the information found in the Product Information section of the owner's manual.

Federal law and California State law prohibit the following acts or the causing thereof:

1. The removal or rendering inoperative by any person other than for purposes of maintenance, repair, replacement, of any device or element of design incorporated into any equipment for the purposes of emissions control prior to or after its sales or delivery to the ultimate purchaser or while it is in use, or
2. The use of the equipment after such device or element of design has been removed or rendered inoperative by any person.

Table of Contents

General Information

Service Literature	1-1
Options Available From Your Dealer.	1-1
Using This Manual	1-1
Standard Torques	1-2

Section 2

Frame—Side Discharge	2-2
Frame—Rear Discharge	2-4
Engine Guard	2-6

Section 3

Hydraulic System	3-2
Transmission Service Parts	3-4
Steering.	3-6
Steering Cover	3-8
LS Steering Box Assembly	3-12
RS Steering Box Assembly	3-14
Brake.	3-16

Section 4

Wheel & Tire	4-2
Front Tire Assembly	4-4
Drive Wheel Breakdown	4-6

Section 5

Engine, Kawasaki FX730V	5-2
Engine, Kawasaki FX850V	5-6
Engine Service Parts, Kawasaki	5-10
Fuel System, Kawasaki.	5-12
Engine, Kohler.	5-14
Engine Service Parts, Kohler	5-18
Fuel System, Kohler—Without Carbon Canister.	5-20
Fuel System, Kohler—With Carbon Canister	5-22

Section 6

Battery.	6-2
Instrument Panel, Kawasaki	6-4
Instrument Panel, Kohler.	6-6

Section 7

52" Side Discharge Service Deck	7-2
52" Side Discharge Deck Pulleys & Spindles	7-4
52" Side Discharge Deck	7-6
60" Side Discharge Service Deck	7-10
60" Side Discharge Deck Pulleys & Spindles	7-13
60" Side Discharge Deck	7-15
72" Side Discharge Service Deck	7-19
72" Side Discharge Deck Pulleys & Spindles	7-22

72" Side Discharge Deck	7-24
54" Rear Discharge Service Deck	7-28
54" Rear Discharge Deck Pulleys & Spindles	7-30
54" Rear Discharge Deck	7-32
60" Rear Discharge Service Deck	7-36
60" Rear Discharge Deck Pulleys & Spindles	7-38
60" Rear Discharge Deck	7-40
54"/60" Rear Discharge Deck Dust Shield	7-44
Deck Lift	7-46

Section 8

Seat	8-2
Seat Service Parts	8-4
ROPS	8-6

General Information

This manual covers Hustler® X-One® models: 936237, 936245US, 936252, 936260, 936278, 936286, 936294US, 936302, 936310, 936328, & 936336.

Service Literature

PART NO.	DESCRIPTION
606528	OPERATOR'S MANUAL
113856	WARRANTY STATEMENT

Options Available From Your Dealer

PART NO.	DESCRIPTION
122842	STRIPE KIT
606045	SIDE MESH CATCHER (NO ADAPTER NEEDED)(52", 54" & 60" DECKS)
936724	SIDE MESH CATCHER (52" & 60" DECKS)
123949	SIDE MESH CATCHER ADAPTER KIT (52" DECKS)
123948	SIDE MESH CATCHER ADAPTER KIT (60" DECKS)
935783	3-BAG CATCHER
935775	BAC VAC CATCHER
123336	52" ADAPTER KIT
123337	60" ADAPTER KIT
123338	72" ADAPTER KIT
123105	52" MULCH KIT
123462	54" MULCH KIT
123463	60" MULCH KIT
124070	72" MULCH KIT
122923	DECK LIFT KIT
123549	LIGHT KIT
603167	FLEX FORKS
122923	ELECTRIC DECK LIFT KIT
122760	STEERING LEVER EXTENSION KIT

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

This manual is part of a service package for the Hustler® mowers. Use of this manual in conjunction with other Hustler® mower and component manuals will provide the information necessary to service and maintain Hustler® mowers.

This Parts Manual provides a complete parts listing for the unit. Use this manual when ordering parts. 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 authorized dealer for current information and parts.

The Service Manual is a service guide for use by Service Technicians. It provides the necessary information needed to perform normal maintenance requirements on these units.

The Operator's Manual provides fundamental operational information and operational safety that is needed when operating the mower.

The component manuals are furnished by the various manufacturers to be used for the troubleshooting and servicing of their products.

Hardware Description Codes & Abbreviations

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

ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION
CB	CARRIAGE BOLT	MB	MACHINE BUSHING
CE	CLEVIS PIN	MS	MACHINE SCREW
CN	CLIP NUT	NT	NUT
CP	COTTER PIN	SC	SELF TAPPING CAP SCREW
CS	CAP SCREW	SH	SOCKET HEAD
CW	CUP WASHER	SB	SHOULDER BOLT
FDRW	FENDER WASHER	SS	SET SCREW
FW	FLAT WASHER	OD	OUTSIDE DIAMETER
HX	HEX HEAD	ID	INSIDE DIAMETER
LW	LOCK WASHER	WN	WELD NUT

Standard Torques

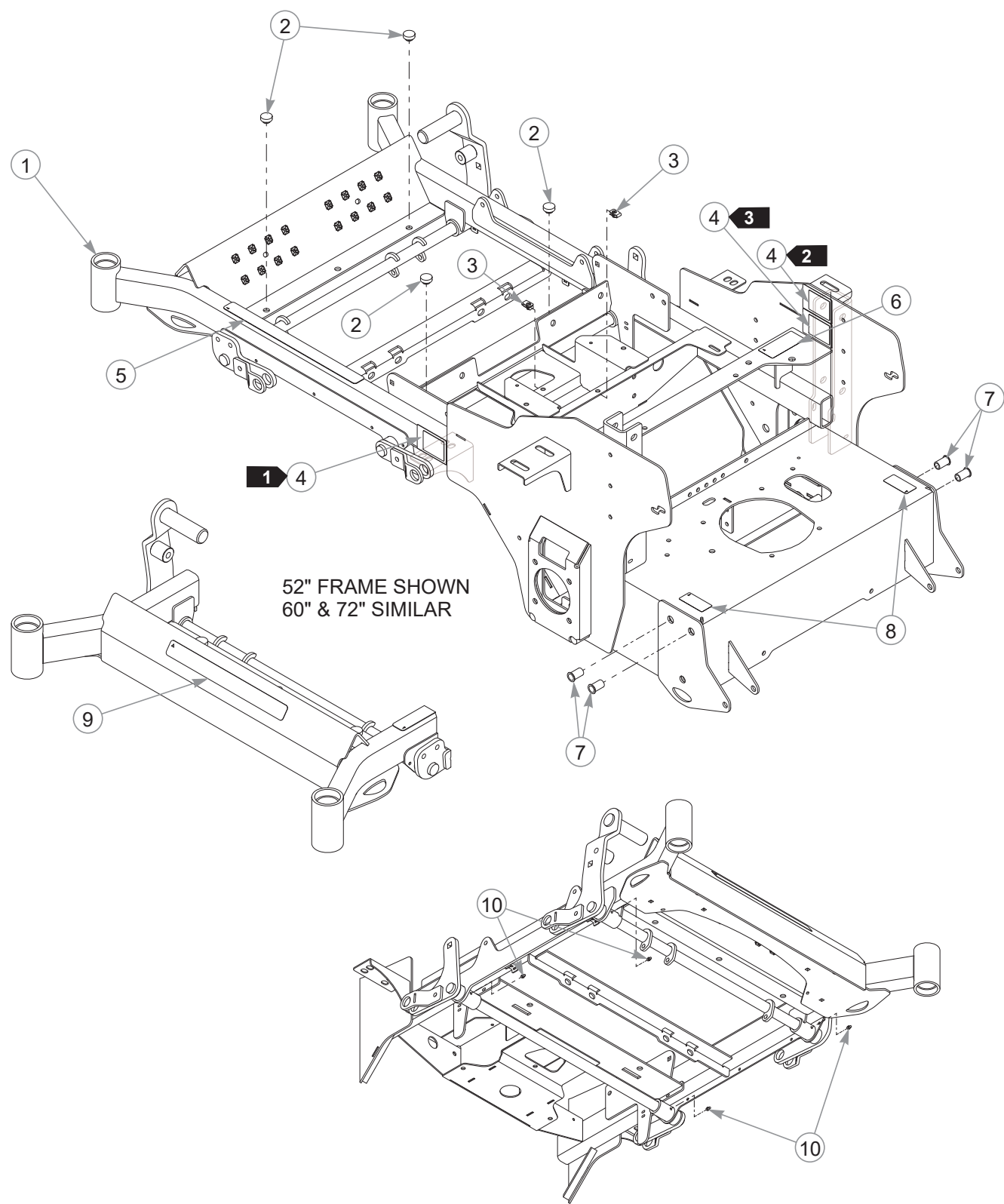
The following chart lists the standard torque values for the threaded fasteners found in this manual. Torque all cap screws, nuts and set screws to these values unless a different torque is shown in the Notes section next to the fastener.

SIZE	FT-LBS	N•M	SIZE	FT-LBS	N•M
.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

Section 2

Frame—Side Discharge	2-2
Frame—Rear Discharge	2-4
Engine Guard.	2-6

Frame—Side Discharge



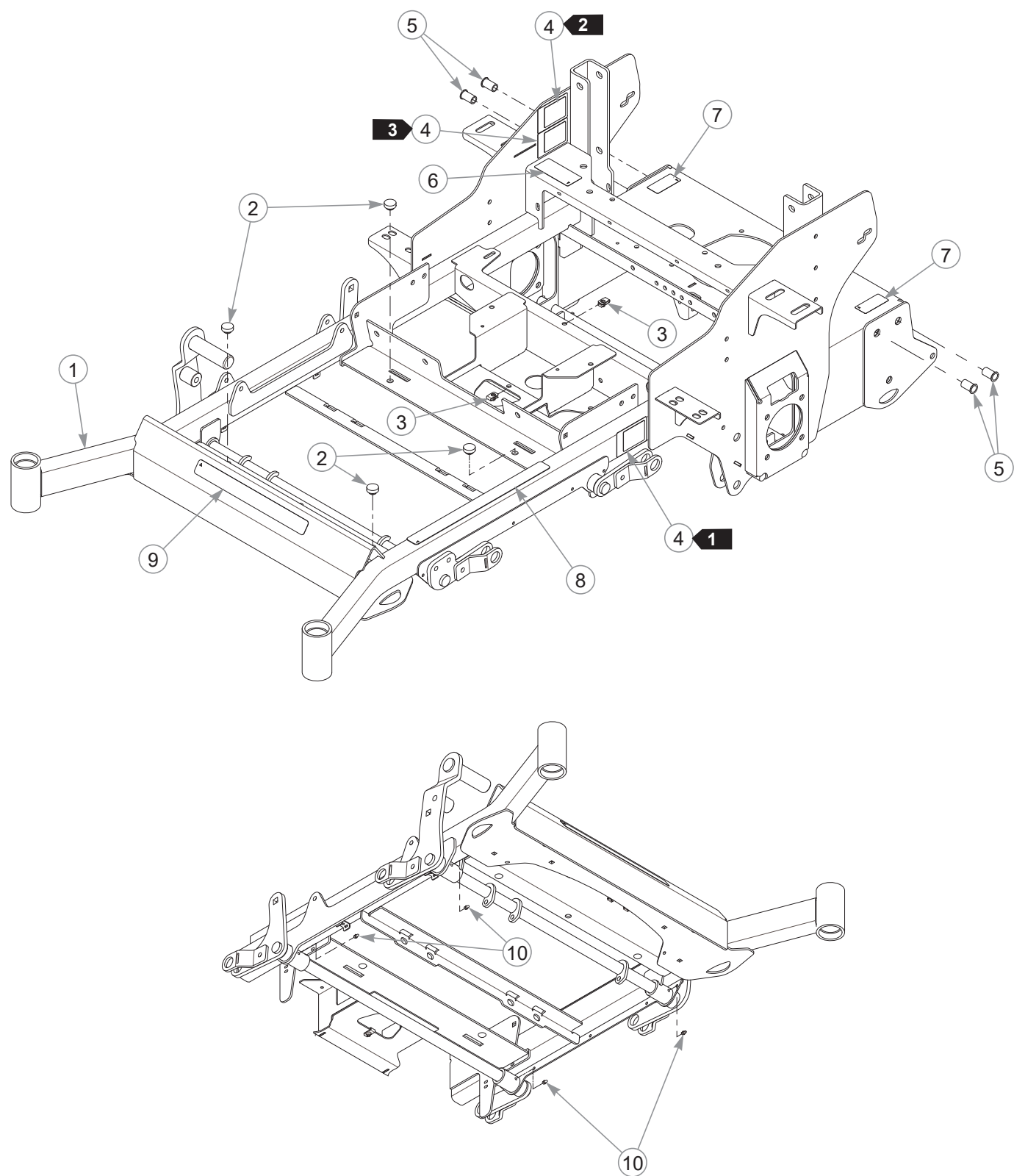
Frame—Side Discharge

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	553831	1	52" FRAME (WITH DECALS)
	553832	1	60" FRAME (WITH DECALS)
	553833	1	72" FRAME (WITH DECALS)
2	781880	4	BUMPER .500 X 1.00 X .31
3	601982	2	CN .250-20 X .15 MAX THK
4	N/A	3	SERIAL NUMBER / SPEC DECAL
5	601993	1	SAFE OPERATION DECAL
6	601967	1	ENGINE COMPARTMENT DECAL
7	600961	4	1/2-13 THREAD RIVET NUT
8	602041	2	HOT DECAL
9	602407	1	HUSTLER ID DECAL
10	015495	4	GREASE FITTING STRAIGHT

NOTES:

1. Serial number decal. In the event the serial number decal becomes damaged or illegible, please contact your dealer to order a replacement.
2. EPA compliance decal.
3. Patent numbers decal.

Frame—Rear Discharge



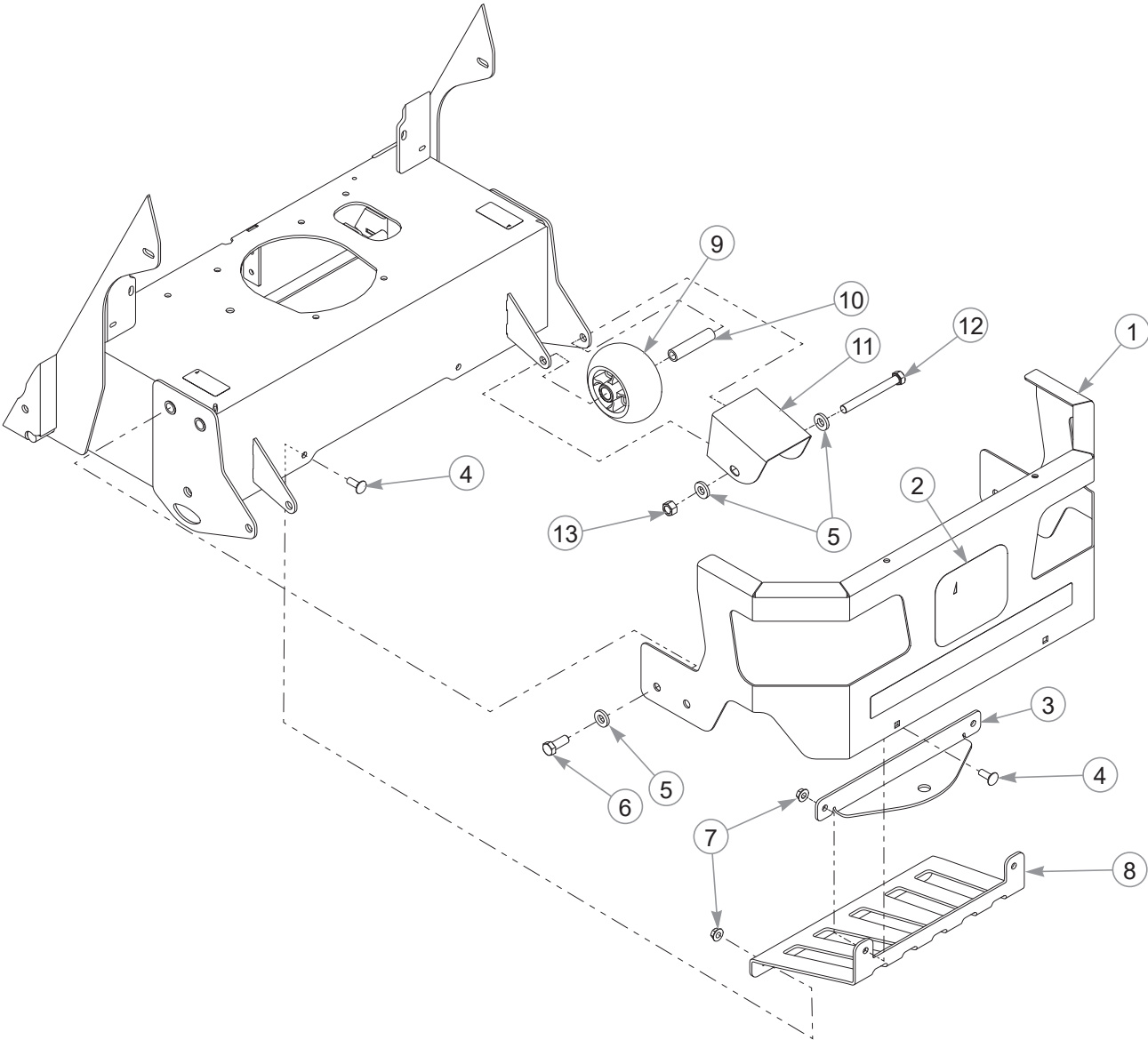
Frame—Rear Discharge

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	553876	1	FRAME, 54" (WITH DECALS AND RIVET NUTS)
	553833	1	FRAME, 60" (WITH DECALS AND RIVET NUTS)
2	781880	4	BUMPER .500 X 1.00 X .31
3	601982	2	CN .250-20 X .15 MAX THK
4	N/A	3	SERIAL NUMBER / SPEC DECAL
5	600961	4	1/2-13 THREAD RIVET NUT
6	601967	1	ENGINE COMPARTMENT DECAL
7	602041	2	HOT DECAL
8	601993	1	SAFE OPERATION DECAL
9	602407	1	HUSTLER ID DECAL
10	015495	4	GREASE FITTING STRAIGHT

NOTES:

1. Serial number decal. In the event the serial number decal becomes damaged or illegible, please contact your dealer to order a replacement.
2. EPA compliance decal.
3. Patent numbers decal.

Engine Guard



Engine Guard

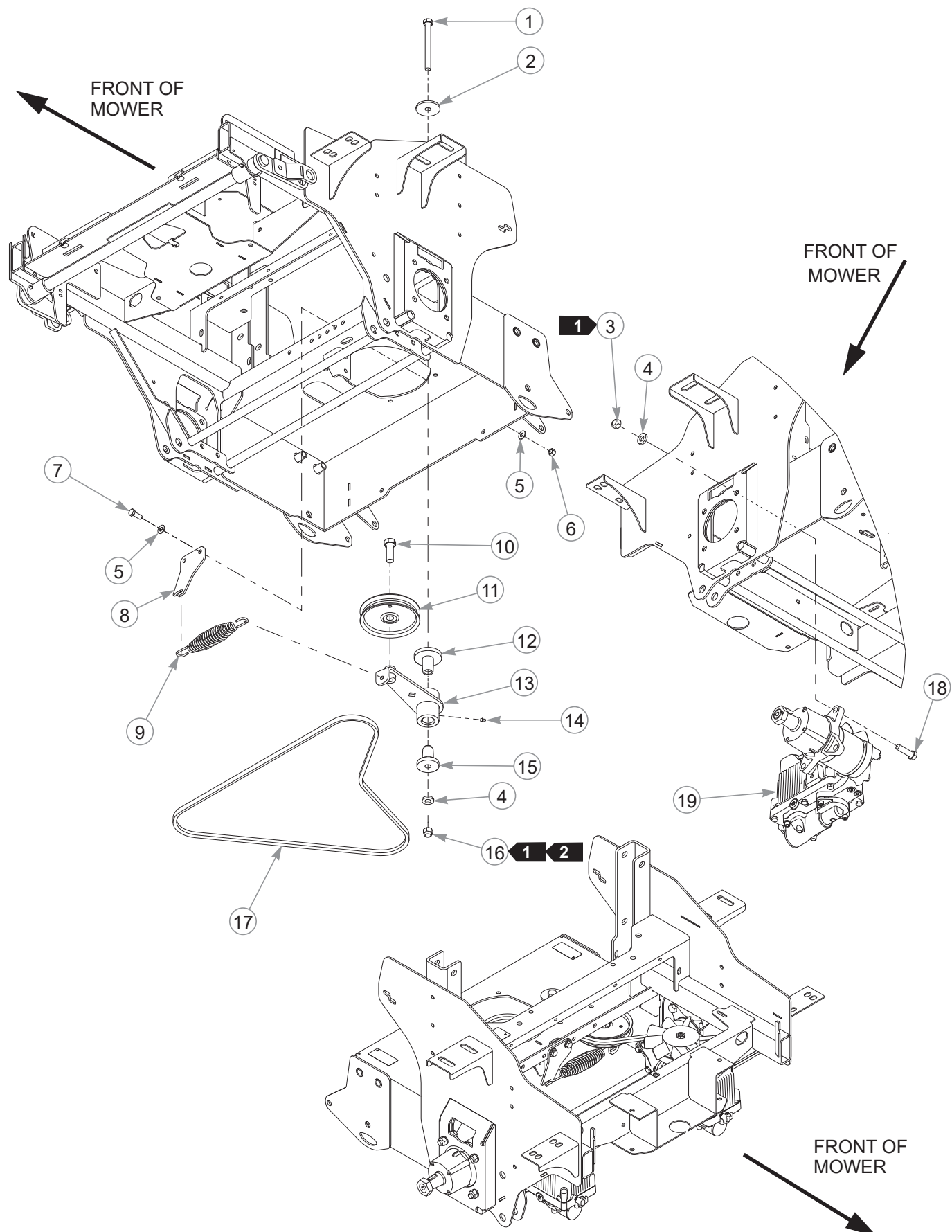
INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	553843	1	ENGINE GUARD (WITH DECAL)
2	604352	1	H LOGO DECAL
3	124385-1	1	HITCH
4	025395	4	CB .375-16 X 1.00 G5 ZNY
5	767962	8	FW .531 X 1.063 X .175
6	705954	4	CS .500-13 X 1.25 HX G5
7	016899	4	NT .375-16 HX G5 FLK
8	606483	1	MUFFLER GUARD
9	602263	2	PLASTIC WHEEL
10	602345	2	SPACER 3.22
11	377994	2	SHIELD
12	068239	2	CS .500-13 X 4.50 HX G5
13	008193	2	NT .500-13 HX G5 ZNYC

NOTES:

Section 3

Hydraulic System.....	3-2
Transmission Service Parts.....	3-4
Steering.....	3-6
Steering Cover.....	3-8
LS Steering Box Assembly.....	3-12
RS Steering Box Assembly.....	3-14
Brake.....	3-16

Hydraulic System



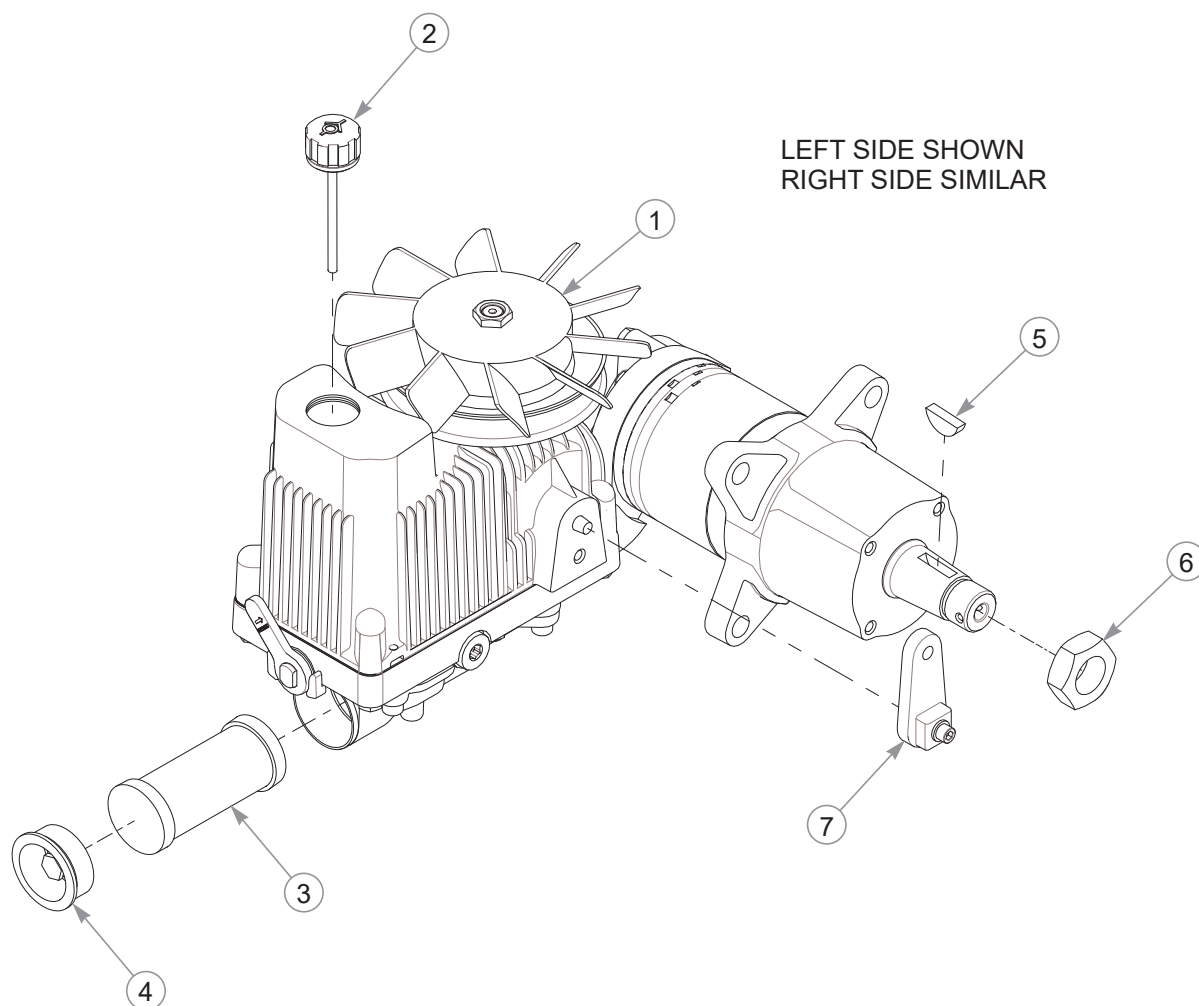
Hydraulic System

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	051151	1	CS .500-13 X 5.00 HX G5
2	344267	1	FW .510 X 2.15 X .187 SPL
3	023317	8	NT .500-13 UNT LK G8
4	767962	9	FW .531 X 1.063 X .175
5	767954	4	FW .379 X .813 X .063
6	054502	2	NT .375-16 HX G5
7	036244	2	CS .375-16 X 1.00 HX G5
8	124432-1	1	IDLER SPRING MOUNT X-ONE
9	781302	1	TENSION SPRING
10	025007	1	CS .625-11 X 1.75 HX G5
11	602304	1	5" FLAT IDLER PULLEY
12	602880	1	IDLER PIVOT BUSHING
13	122905	1	TENSIONER
14	015495	1	GREASE FITTING STRAIGHT
15	602879	1	IDLER PIVOT BUSHING
16	781567	1	NT .500-13 NL
17	606411	1	BELT
18	017616	8	CS .500-13 X 1.75 HX G5
19	606401	1	LS TRANSMISSION
20	606402	1	RS TRANSMISSION (NOT SHOWN)

NOTES:

1. Torque to 71–75 ft-lbs.
2. The tensioner should pivot freely.

Transmission Service Parts

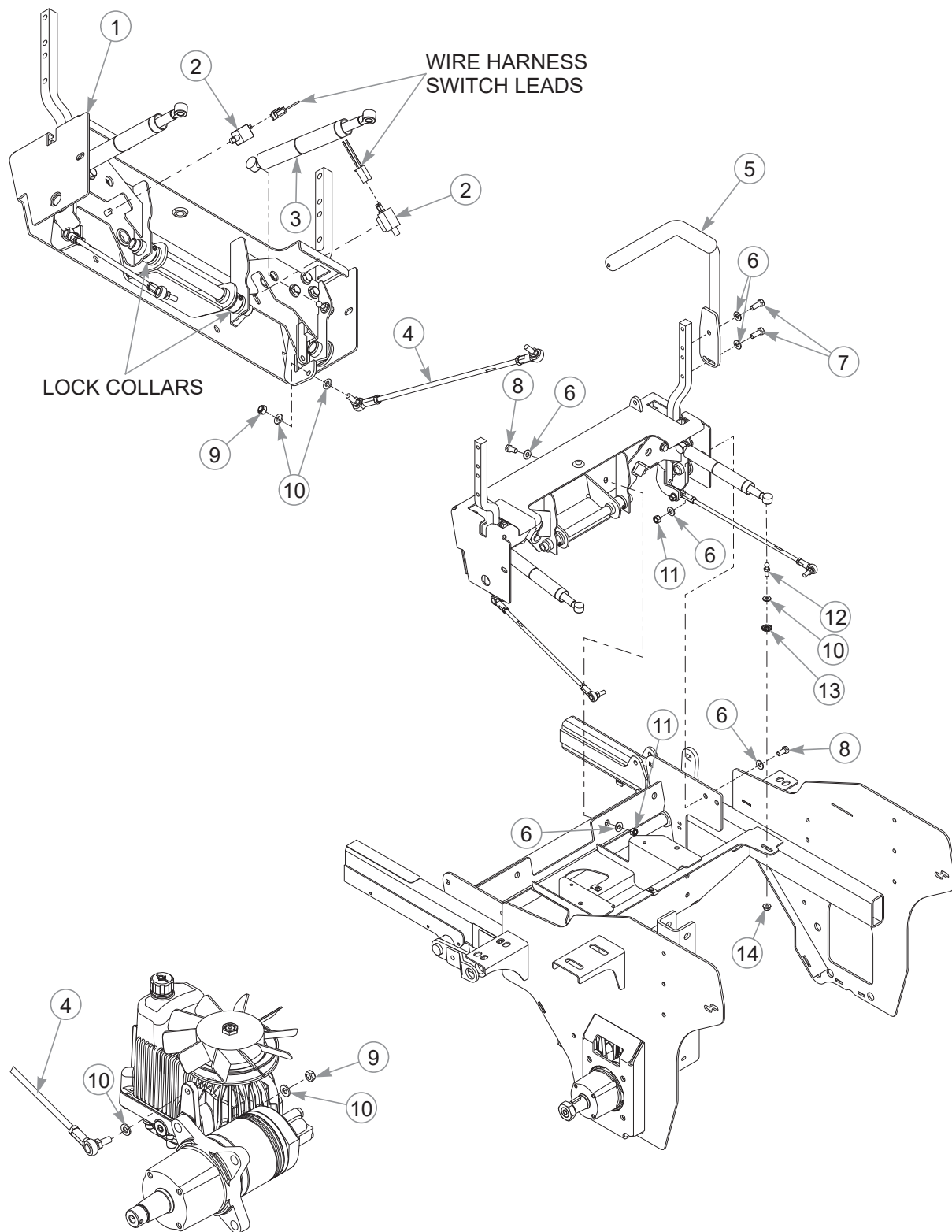


INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	604132	1	FAN PULLEY KIT
2	604131	1	RESERVOIR CAP
3	604126	1	FILTER
4	604130	1	FILTER CAP
5	064337	1	WOODRUFF KEY
6	065516	1	CASTLE NUT
7	606461	1	CONTROL LEVER

NOTES:

This page intentionally left blank.

Steering

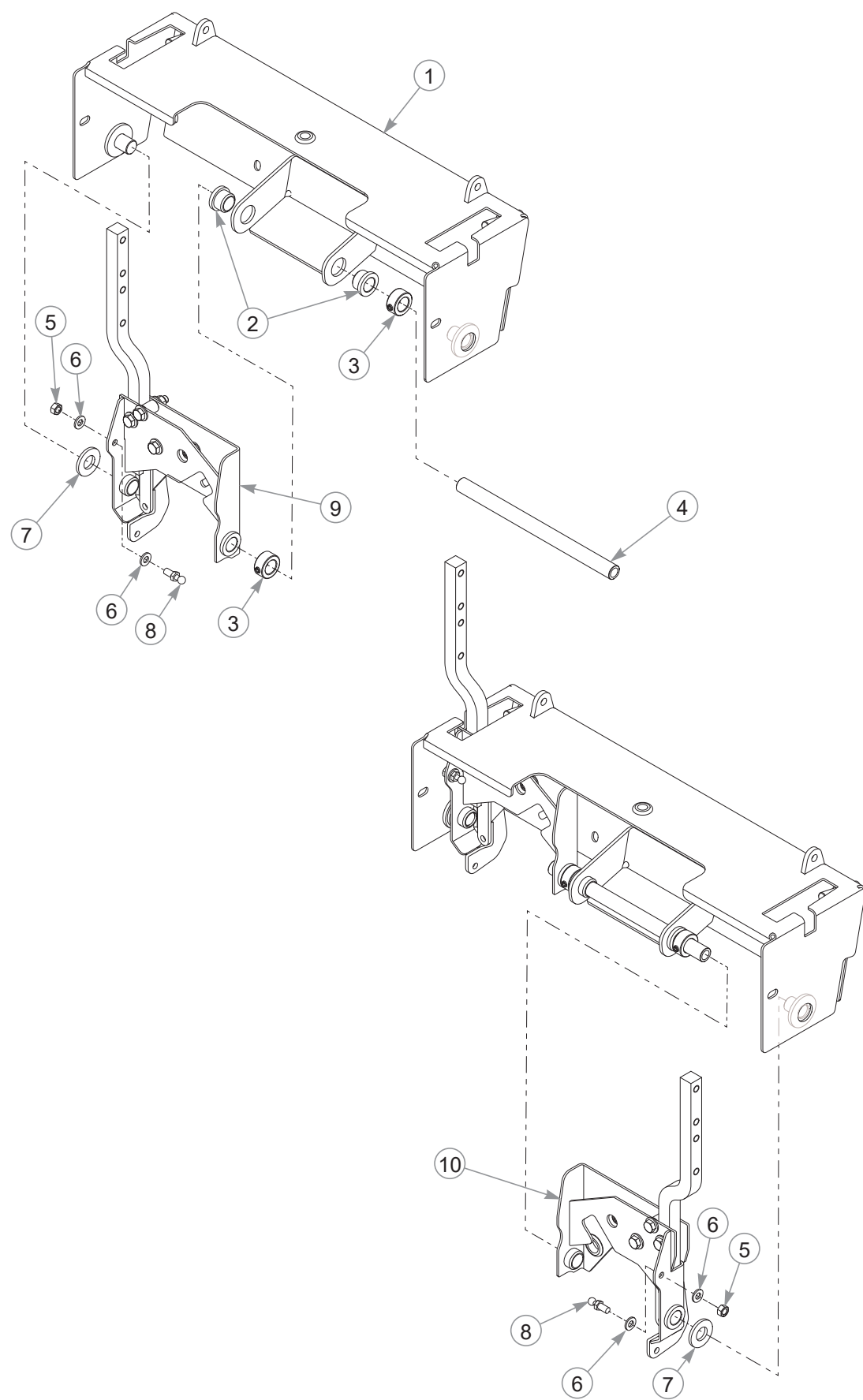


Steering

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	N/A	1	STEERING COVER ASSEMBLY
2	601087	2	SWITCH
3	795351	2	DAMPER
4	606521	2	PUMP ROD ASSEMBLY
5	605924	2	STEERING HANDLE (WITH GRIP)
	781260	2	GRIP
6	767954	12	FW .379 X .813 X .063
7	036244	4	CS .375-16 X 1.00 HX G5
8	055822	4	CS .375-16 X .75 HX G5
9	023655	4	NT .312-24 HX G5 NL
10	768523	10	FW .343 X .687 X .051/.080H
11	054502	4	NT .375-16 HX G5
12	781922	2	BALL STUD
13	029876	2	LW .325 INT-EXT TOOTH
14	016832	2	NT .312-18 HX FLK

NOTES:

Steering Cover

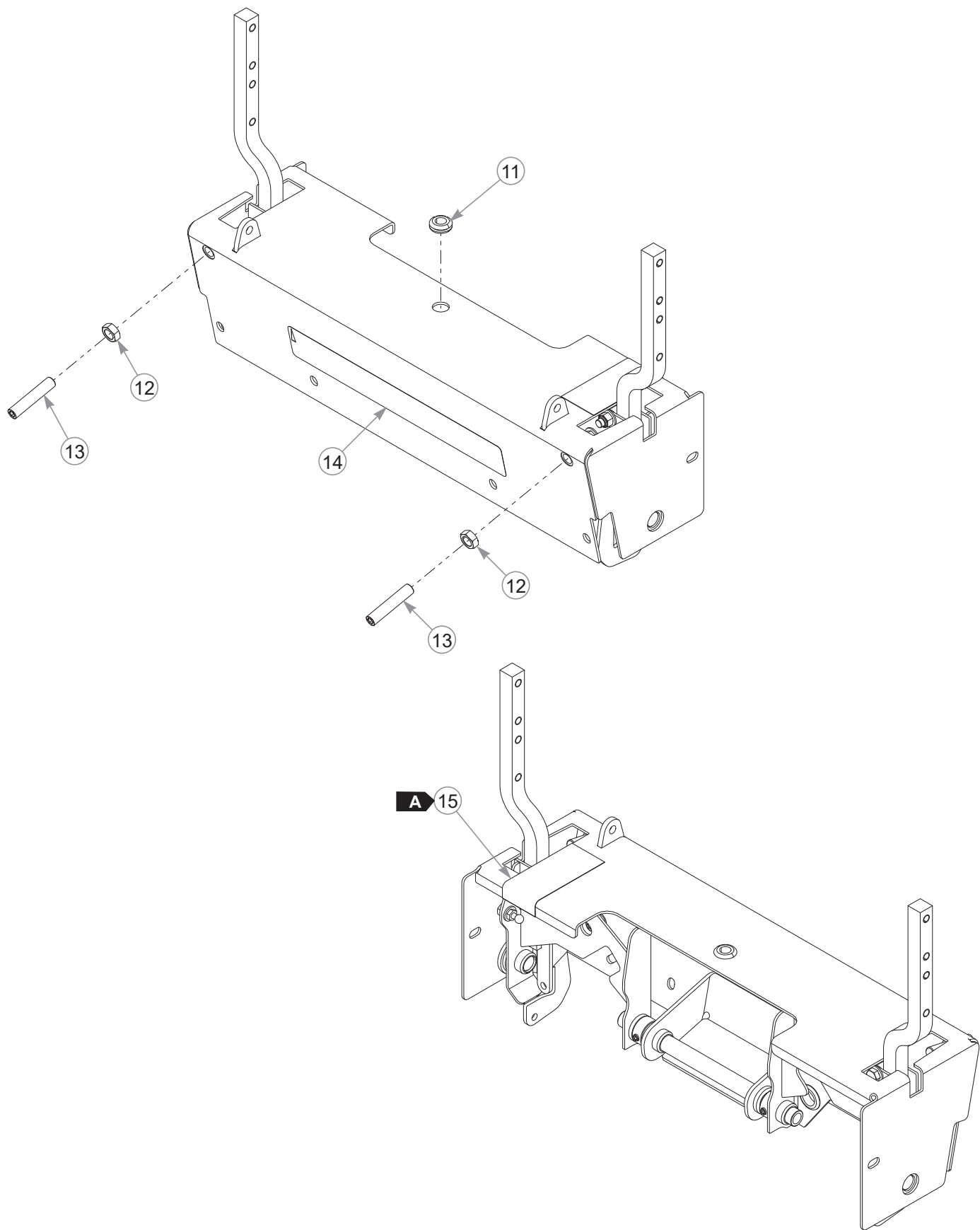


Steering Cover

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	553839	1	STEERING COVER
2	781153	2	BUSHING
3	784439	2	LOCK COLLAR .757 ID
4	113007	1	STEER PIVOT TUBE
5	034272	2	NT .312-18 HX G5
6	768523	4	FW .343 X .687 X .051/.080H
7	603078	2	FW .750 X 1.50 X .156 ZN
8	781922	2	BALL STUD
9	N/A	1	LS STEERING BOX ASSEMBLY
10	N/A	1	RS STEERING BOX ASSEMBLY

NOTES:

Steering Cover



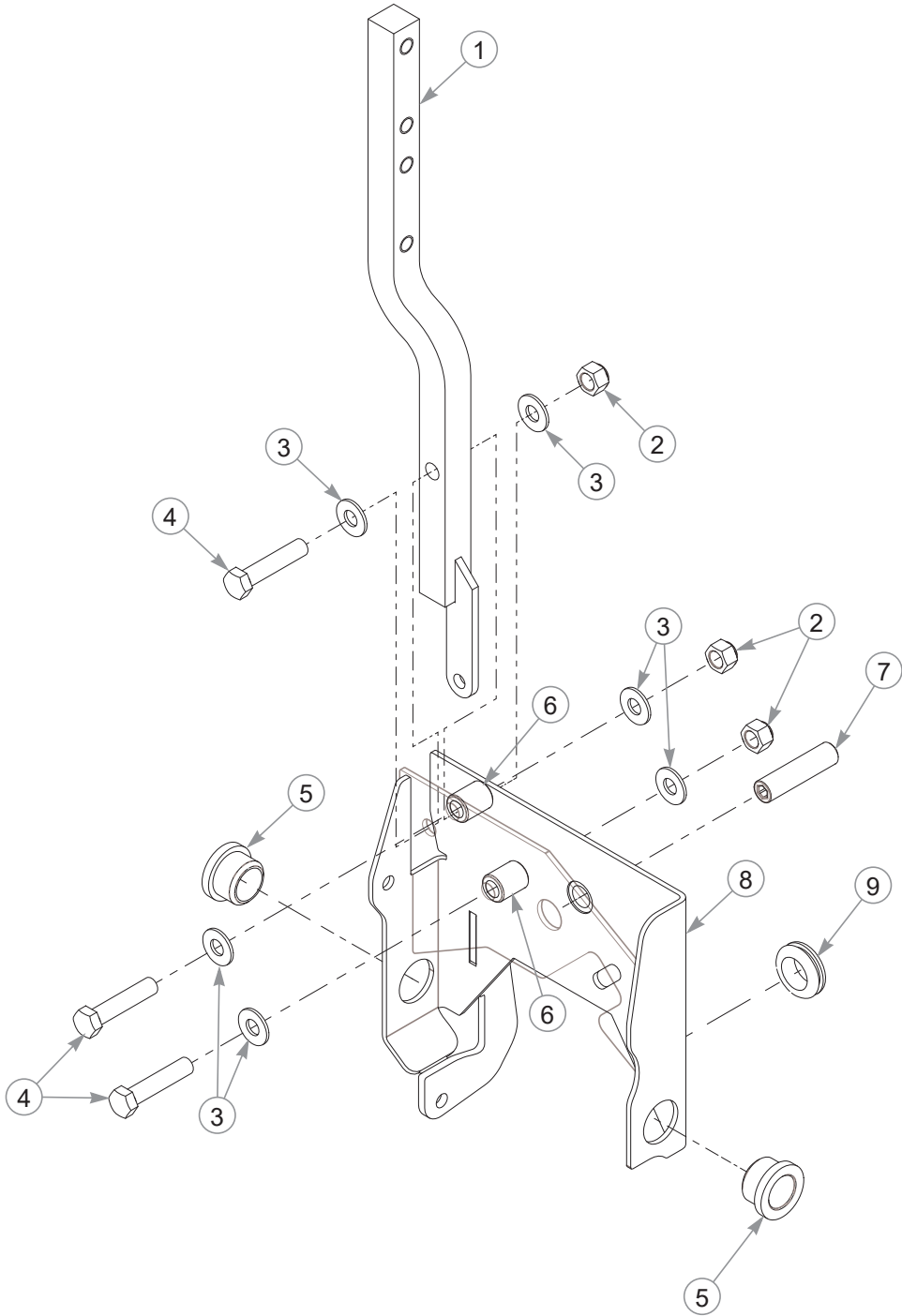
Steering Cover

INDEX NO.	PART NO.	QTY.	DESCRIPTION
11	080358	1	GM .50 X 1.00 X .75 X .12
12	053199	2	NT .500-13 HX JAM ZNYC
13	603055	2	SS 1/2-13 X 2.50 SH ZNYC
14	605087	1	X-ONE LOGO DECAL
15	722199	5.5"	WEAR TAPE

NOTES:

WEAR TAPE LENGTH	
	5.5" ± 0.3"

LS Steering Box Assembly

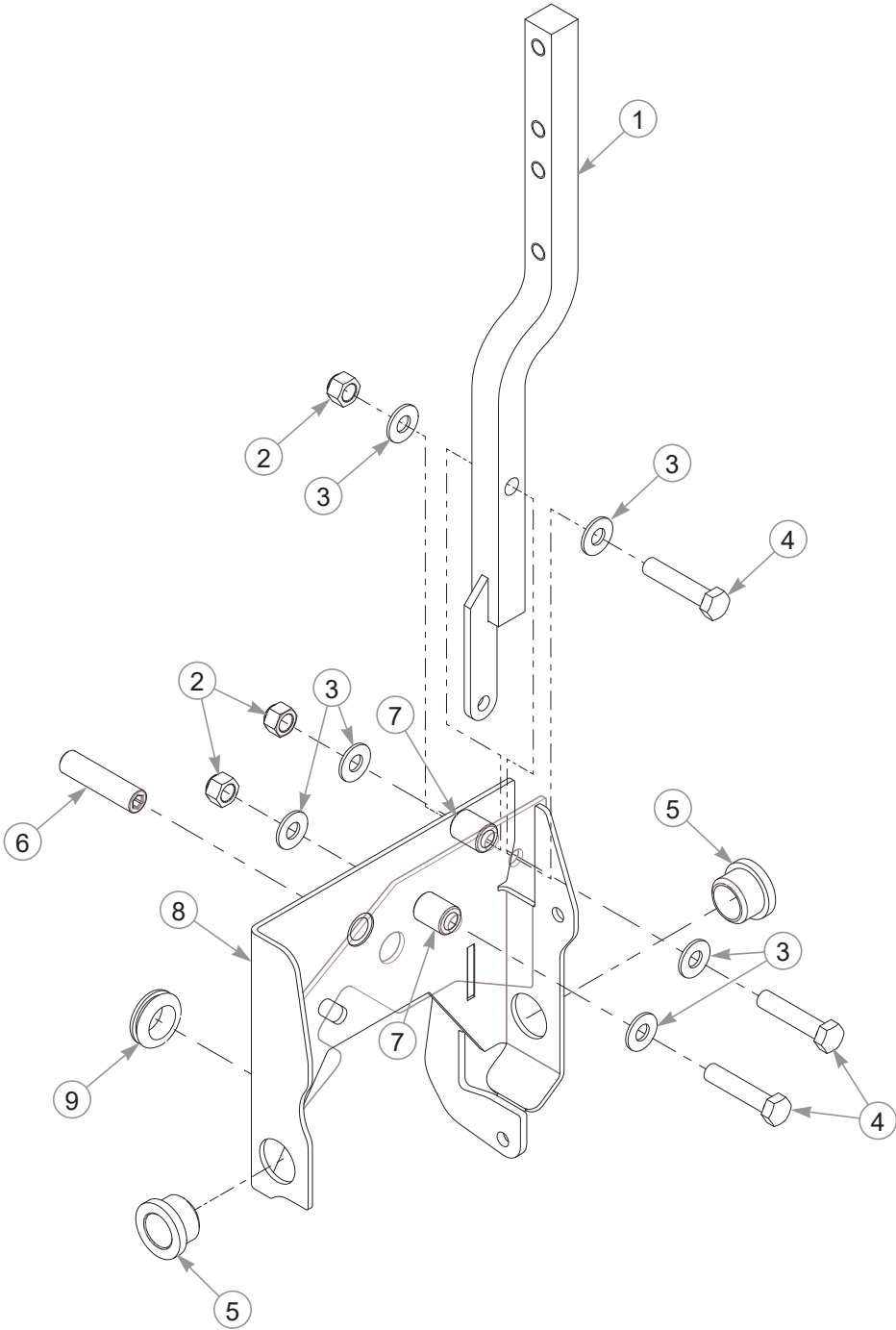


LS Steering Box Assembly

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	113578	2	STEERING ARM
2	086660	3	NT .375-16 G5 NL
3	767954	6	FW .379 X .813 X .063
4	705178	3	CS .375-16 X 1.75 HX G5
5	781153	2	BUSHING
6	348862	2	STEERLEVER BUSHING
7	797738	1	SS .500-13 X 2.00 SH ZY
8	123305	1	LS STEERING BOX
9	047456	1	GM .750 X .188 X 1.00 X .12

NOTES:

RS Steering Box Assembly

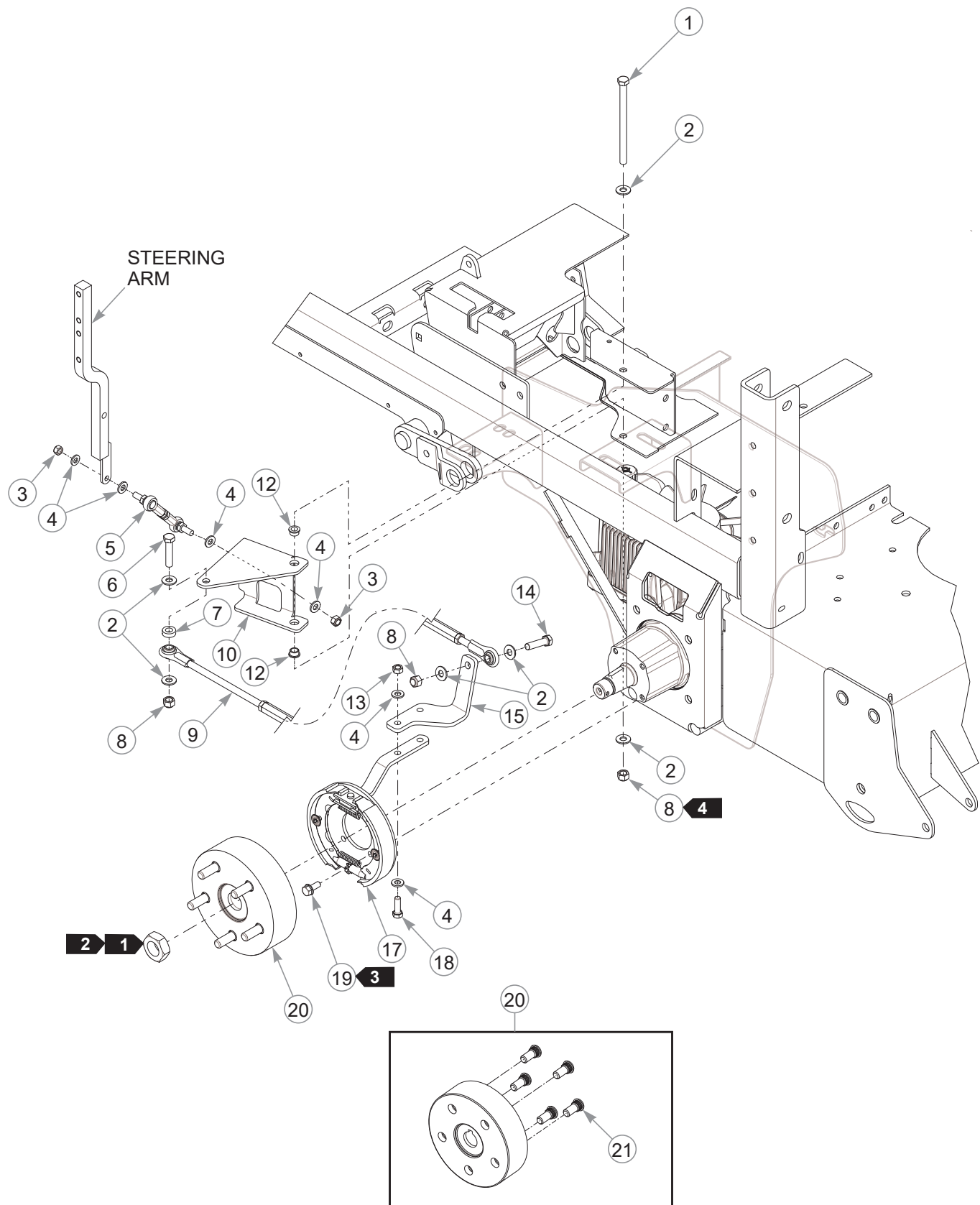


RS Steering Box Assembly

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	113578	2	STEERING ARM
2	086660	3	NT .375-16 G5 NL
3	767954	6	FW .379 X .813 X .063
4	705178	3	CS .375-16 X 1.75 HX G5
5	781153	2	BUSHING
6	797738	1	SS .500-13 X 2.00 SH ZY
7	348862	2	STEERLEVER BUSHING
8	123305	1	LS STEERING BOX
9	047456	1	GM .750 X .188 X 1.00 X .12

NOTES:

Brake



Brake

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	748913	2	CS .375-16 X 5.5 GR5 ZN
2	767954	12	FW .379 X .813 X .063
3	023655	4	NT .312-24 HX G5 NL
4	768523	16	FW .343 X .687 X .051/.080H
5	781583	2	BRAKE ROD ASSEMBLY
6	705178	2	CS .375-16 X 1.75 HX G5
7	073858	2	FW .406 X .75 X .25 ZNYC
8	086660	6	NT .375-16 HX G5 NL
9	350397	2	BRAKE LINK TURNBUCKLE
10	123435	1	LS BRAKE BELLCRANK
11	123434	1	RS BRAKE BELLCRANK (NOT SHOWN)
12	765339	4	BUSHING
13	034272	4	NT .312-18 HX G5
14	080655	2	CS .375-16 X 1.50 HX G5
15	123432	1	LS BRAKE ARM
16	123433	1	RS BRAKE ARM (NOT SHOWN)
17	602383	2	BRAKE ASSEMBLY
18	036236	4	CS .312-18 X 1.00 HX G5
19	604461	8	CS .312-18 X .75 HX G8 FLK
20	602384	2	HUB ASSEMBLY (WITH STUDS)
21	601085	10	STUD, WHEEL LUG 1/2-20

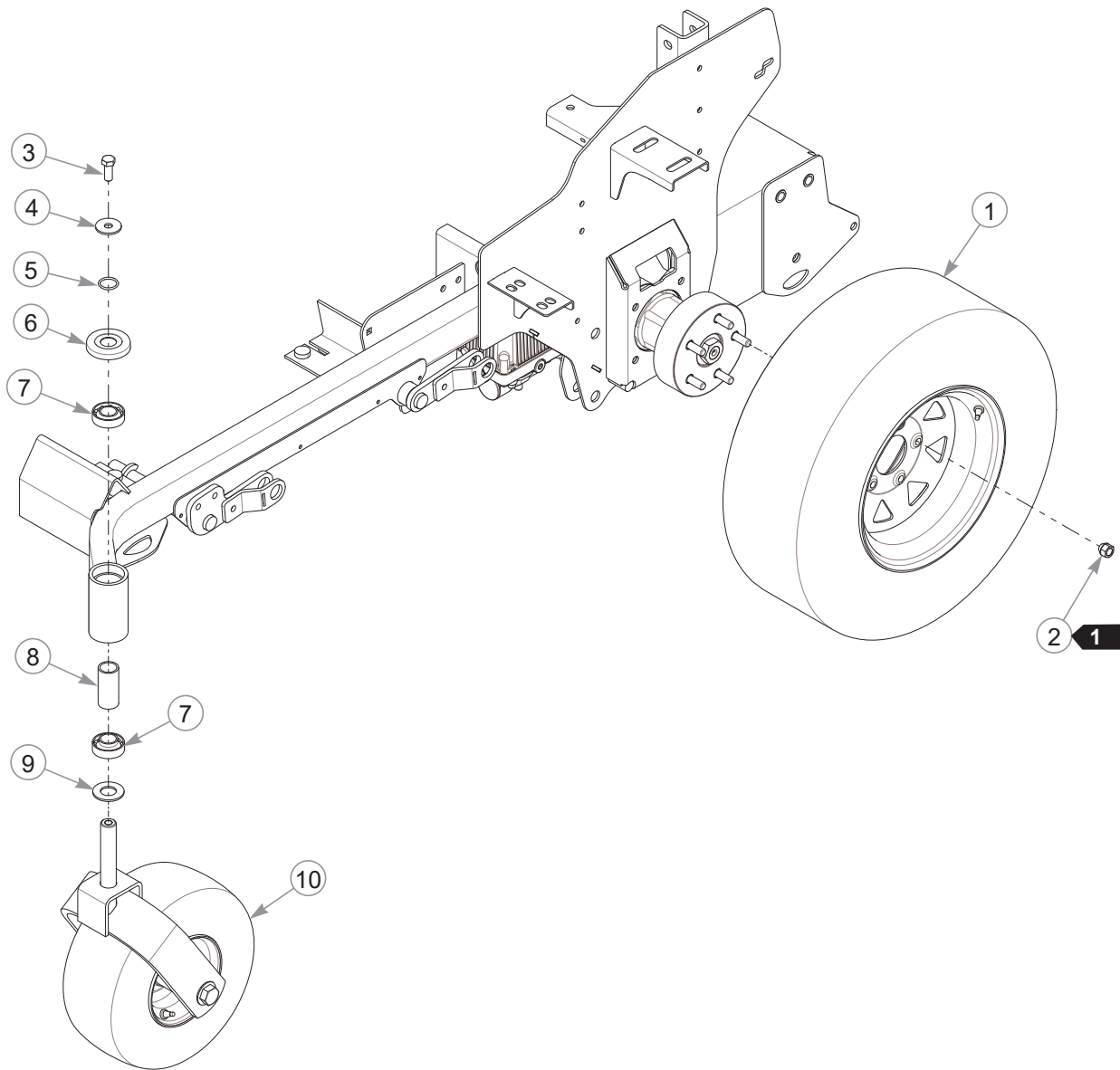
NOTES:

1. Included with the wheel motor.
2. Torque to 200 ft-lbs.
3. Torque to 25–28 ft-lbs.
4. Do not torque; the nut should be snug but allow the brake bellcrank to pivot freely.

Section 4

Wheel & Tire	4-2
Front Tire Assembly.	4-4
Drive Wheel Breakdown	4-6

Wheel & Tire



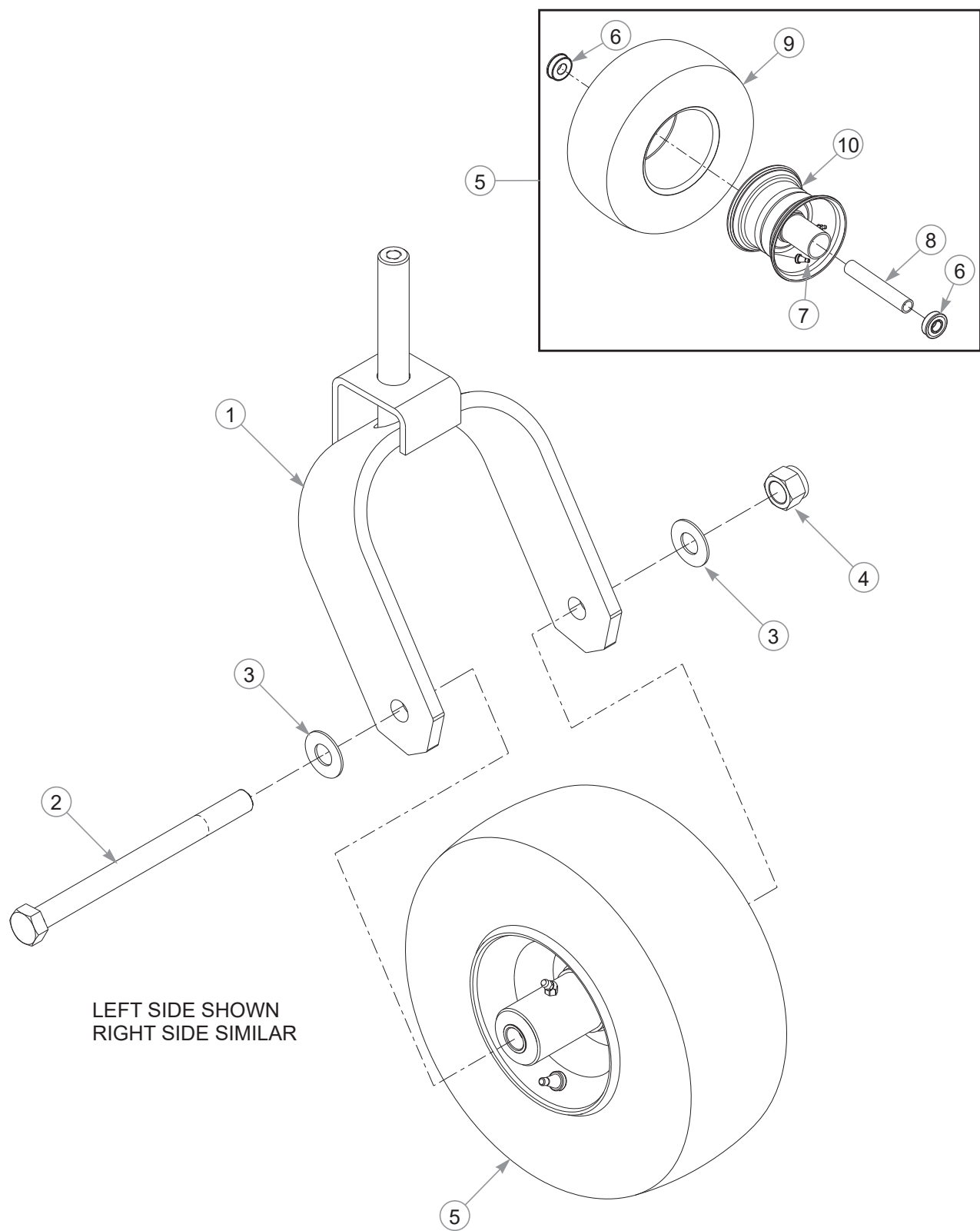
Wheel & Tire

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	604106	2	TIRE/WHEEL ASSEMBLY 24 X 9.5-12 (52"/54" MOWERS)
	604108	2	TIRE/WHEEL ASSEMBLY 24 X 12-12 (60"/72" MOWERS)
2	061077	10	WHEEL NUT
3	705954	2	CS .500-13 X 1.25 HX G5
4	798603	2	FW .515 X 1.65 X .125 HD ZY
5	601375	2	O-RING, SAE-14
6	603153	2	DUST CAP
7	784223	4	BEARING
8	387035	2	SPACER 1.07 X 1.312 X 2.79
9	603164	2	DISC BEARING
10	N/A	1	FRONT TIRE ASSEMBLY

NOTES:

1. Torque to 65–75 ft-lbs.

Front Tire Assembly

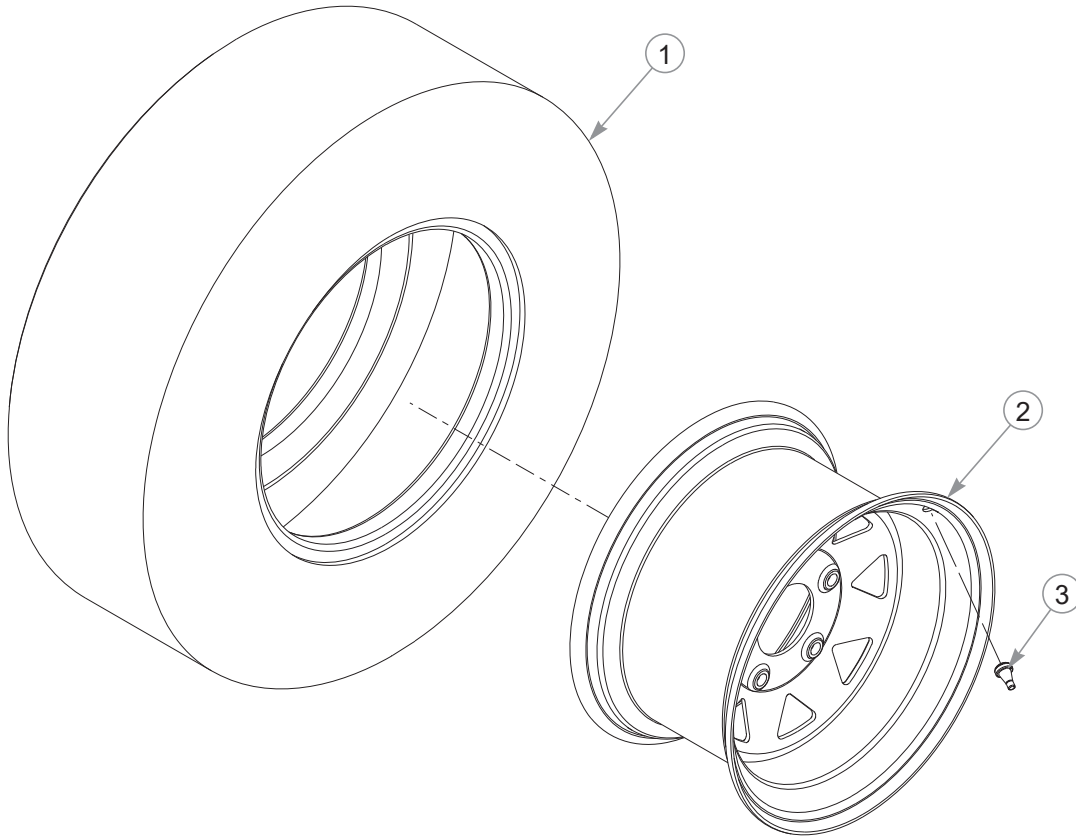


Front Tire Assembly

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	113621	1	FORK
2	041475	1	CS .750-10 X 9.50 HX ZY
3	025296	2	FW .760 X 1.625 X .08 ZNYC
4	061101	1	NT .750-10 HX ZY NL
5	604898	1	TIRE/WHEEL ASSEMBLY 13 X 6.50
6	039677	2	BEARING
7	019521	1	VALVE STEM
8	782771	1	BEARING SPACER
9	604843	1	TIRE, 13 X 6.50-6
10	747832	1	WHEEL 6 X 4.5

NOTES:

Drive Wheel Breakdown



604106 TIRE/WHEEL ASSEMBLY (52"/54" MOWERS)

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	782284	1	TIRE 24 X 9.50-12
2	604107	1	WHEEL
3	019521	1	VALVE STEM

604108 TIRE/WHEEL ASSEMBLY (60"/72" MOWERS)

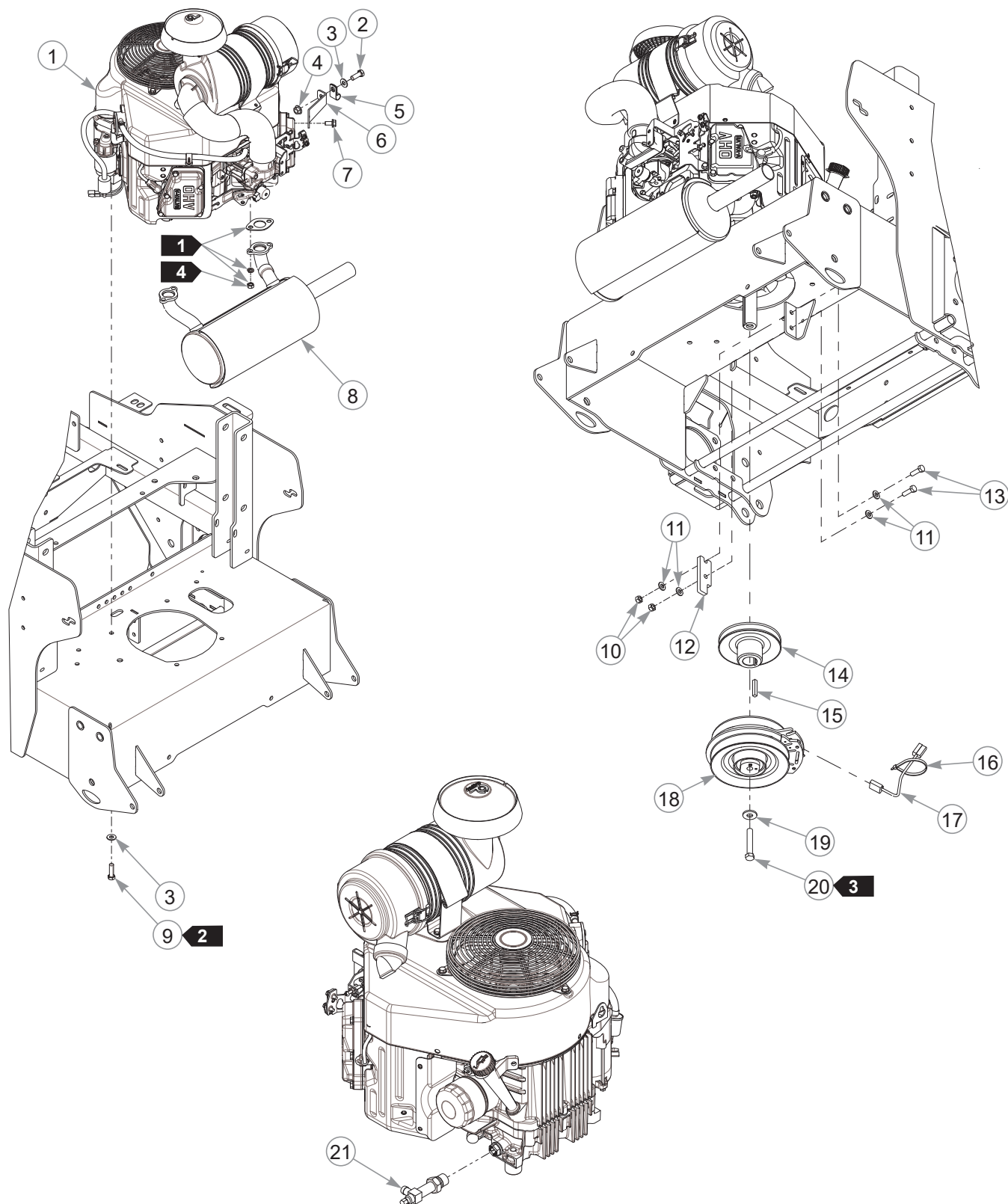
INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	781245	1	TIRE 24 X 12-12
2	604109	1	WHEEL
3	019521	1	VALVE STEM

NOTES:

Section 5

Engine, Kawasaki FX730V	5-2
Engine, Kawasaki FX850V	5-6
Engine Service Parts, Kawasaki	5-10
Fuel System, Kawasaki	5-12
Engine, Kohler	5-14
Engine Service Parts, Kohler	5-18
Fuel System, Kohler—Without Carbon Canister	5-20
Fuel System, Kohler—With Carbon Canister	5-22

Engine, Kawasaki FX730V



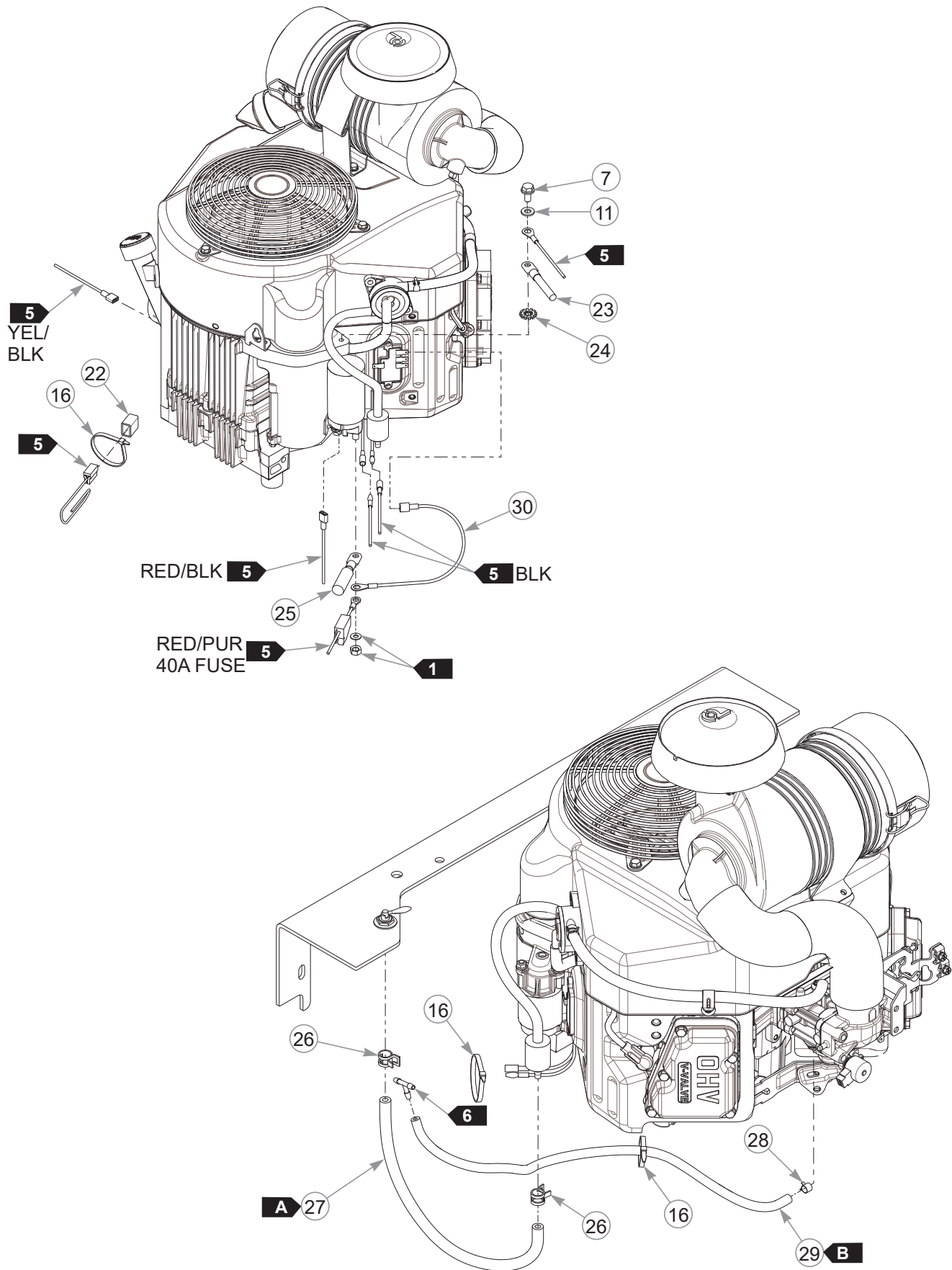
Engine, Kawasaki FX730V

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	N/A	1	KAWASAKI FX730V ENGINE
2	036244	1	CS .375-16 X 1.00 HX G5
3	767954	5	FW .379 X .813 X .063
4	016899	1	NT .375-16 HX G5 FLK
5	000398	1	CLAMP
6	113970	1	CABLE GUIDE
7	720516	3	CS M8 X 1.25 X 16 HX FL 10.9
8	604250	1	MUFFLER
9	602580	4	CS .375-16 X 1.25 HX G8 P85
10	034272	2	NT .312-18 HX G5
11	768523	5	FW .343 X .687 X .051/.080H
12	113946	1	CLUTCH ANCHOR
13	036236	2	CS .312-18 X 1.00 HX G5
14	606471	1	ENGINE PULLEY
15	212076	1	KEY 1/4 SQ X 1.50 LG
16	000331	4	WIRE TIE
17	791251	1	CLUTCH HARNESS PIGTAIL
18	606404	1	CLUTCH
19	602680	1	FW .453 X 1.12 X .119 HRD
20	785659	1	CS .437-20 X 2.50 HX G5 P85
21	796524	1	OIL DRAIN VALVE

NOTES:

1. Supplied with the engine.
2. Torque to 30 ft-lbs. Replace (do not reuse) the cap screw if it is removed or loosened. Use only hand tools to install this fastener.
3. Torque to 45–48 ft-lbs. Replace (do not reuse) the cap screw if it is removed or loosened.
4. Torque to 17 ft-lbs.

Engine, Kawasaki FX730V



Engine, Kawasaki FX730V

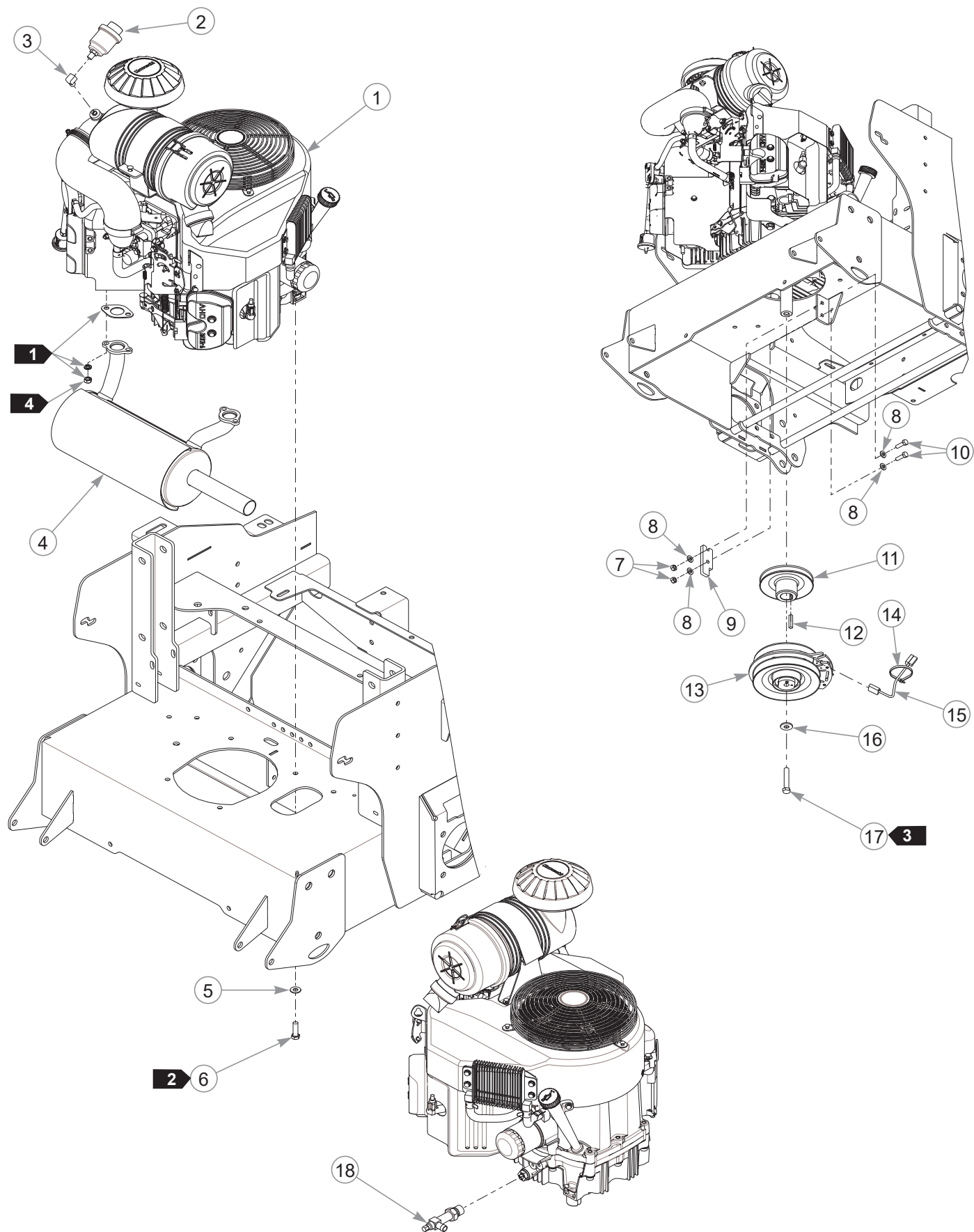
INDEX NO.	PART NO.	QTY.	DESCRIPTION
22	789131	1	FAN CAP
23	796219	1	NEGATIVE BATTERY CABLE
24	029876	1	LW .312 INT-EXT TOOTH
25	744276	1	POSITIVE BATTERY CABLE
26	000323	2	HOSE CLAMP
27	015818	16.5"	1/4" FUEL LINE
28	603112	1	3/16" HOSE CLAMP
29	603326	23"	3/16" VAPOR LINE
30	604430	1	WIRE HARNESS

NOTES:

FUEL & VAPOR LINE LENGTHS		
	16.5"	VALVE TO FILTER (FUEL)
	23"	TEE TO ENGINE (VAPOR)

5. Part of the wire harness.
6. Part of the Fuel Assembly.

Engine, Kawasaki FX850V



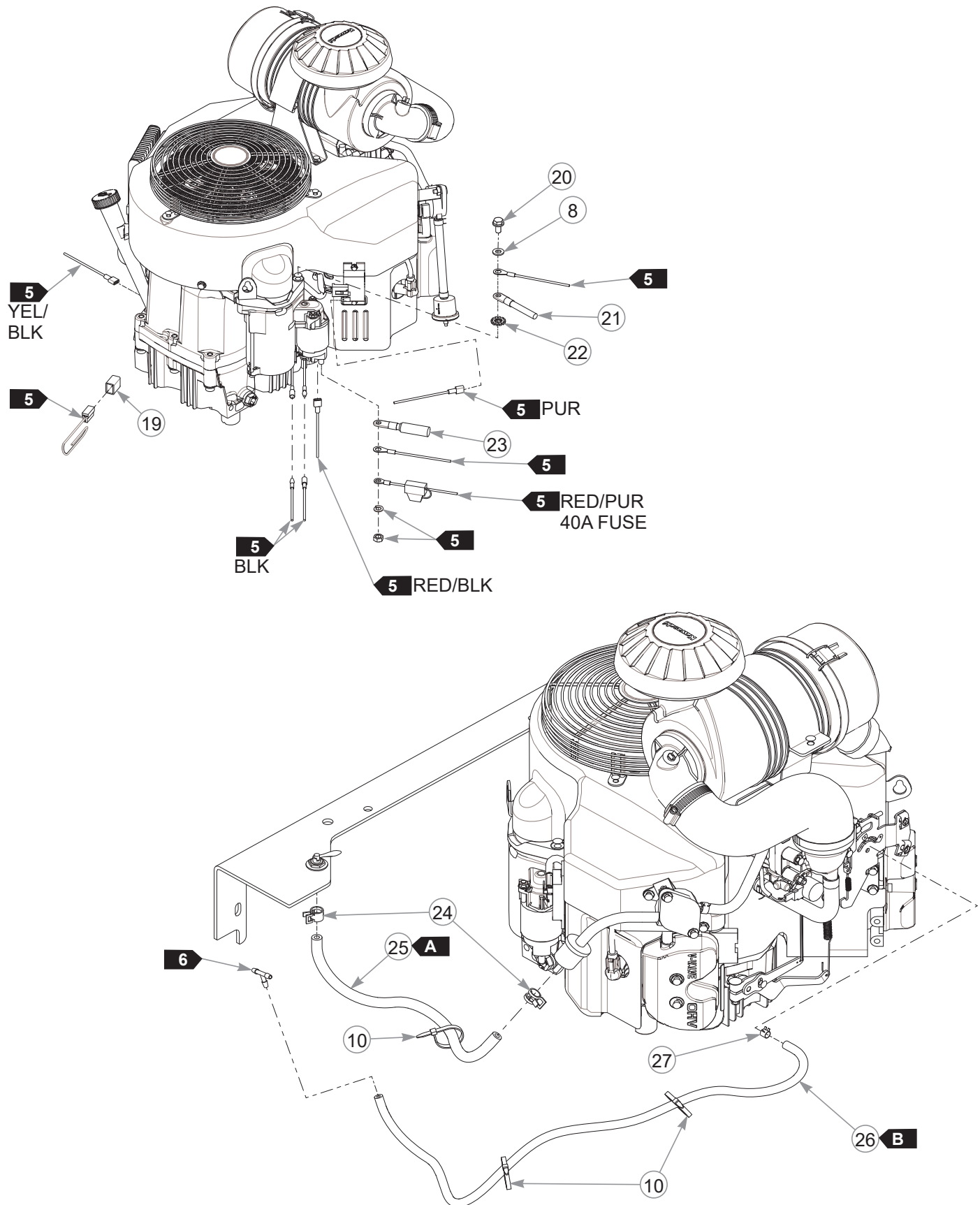
Engine, Kawasaki FX850V

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	N/A	1	KAWASAKI FX850V ENGINE
2	788943	1	AIR FILTER INDICATOR
3	601216	1	ELBOW STREET FITTING
4	603012	1	MUFFLER
5	767954	4	FW .379 X .813 X .063
6	602580	4	CS .375-16 X 1.25 HX G8 P85
7	034272	2	NT .312-18 HX G5
8	768523	5	FW .343 X .687 X .051/.080H
9	113946	1	CLUTCH ANCHOR
10	036236	2	CS .312-18 X 1.00 HX G5
11	606471	1	ENGINE PULLEY
12	212076	1	KEY 1/4 SQ X 1.50 LG
13	606404K	1	CLUTCH KIT
14	000331	4	WIRE TIE
15	791251	1	CLUTCH HARNESS PIGTAIL
16	602680	1	FW .453 X 1.12 X .119 HRD
17	785659	1	CS .437-20 X 2.50 HX G5 P85
18	796524	1	OIL DRAIN VALVE

NOTES:

1. Supplied with the engine.
2. Torque to 30 ft-lbs. Replace (do not reuse) the cap screw if it is removed or loosened. Use only hand tools to install this fastener.
3. Torque to 45–48 ft-lbs. Replace (do not reuse) the cap screw if it is removed or loosened.
4. Torque to 17 ft-lbs.

Engine, Kawasaki FX850V



Engine, Kawasaki FX850V

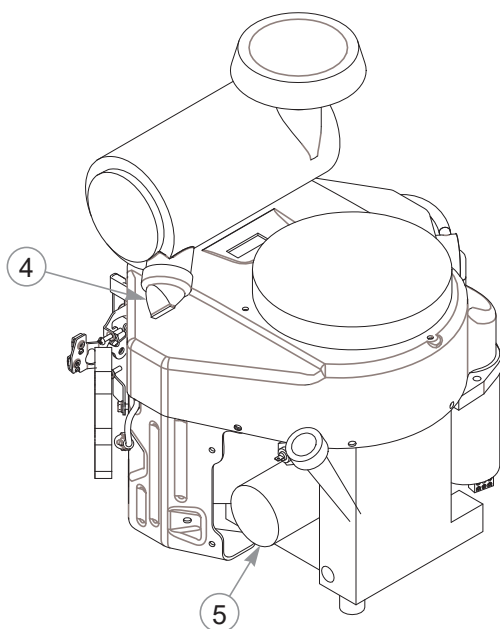
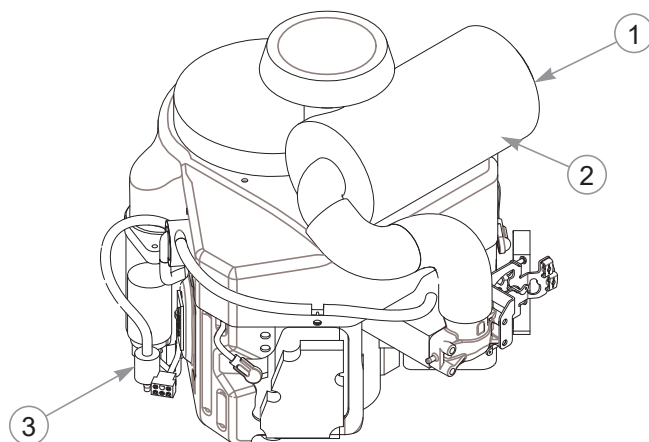
INDEX NO.	PART NO.	QTY.	DESCRIPTION
19	789131	1	FAN CAP
20	720516	1	CS M8 X 1.25 X 16 HX FL 10.9
21	796219	1	NEGATIVE BATTERY CABLE
22	029876	1	LW .325 INT-EXT TOOTH
23	744276	1	POSITIVE BATTERY CABLE
24	000323	2	HOSE CLAMP
25	015818	16.5"	1/4" FUEL LINE
26	603326	32"	3/16" VAPOR LINE
27	603112	1	3/16" HOSE CLAMP

NOTES:

FUEL & VAPOR LINE LENGTHS		
	16.5"	VALVE TO ENGINE (FUEL)
	32"	TEE TO ENGINE (VAPOR)

- 5. Part of the wire harness.
- 6. Part of the Fuel Assembly.

Engine Service Parts, Kawasaki

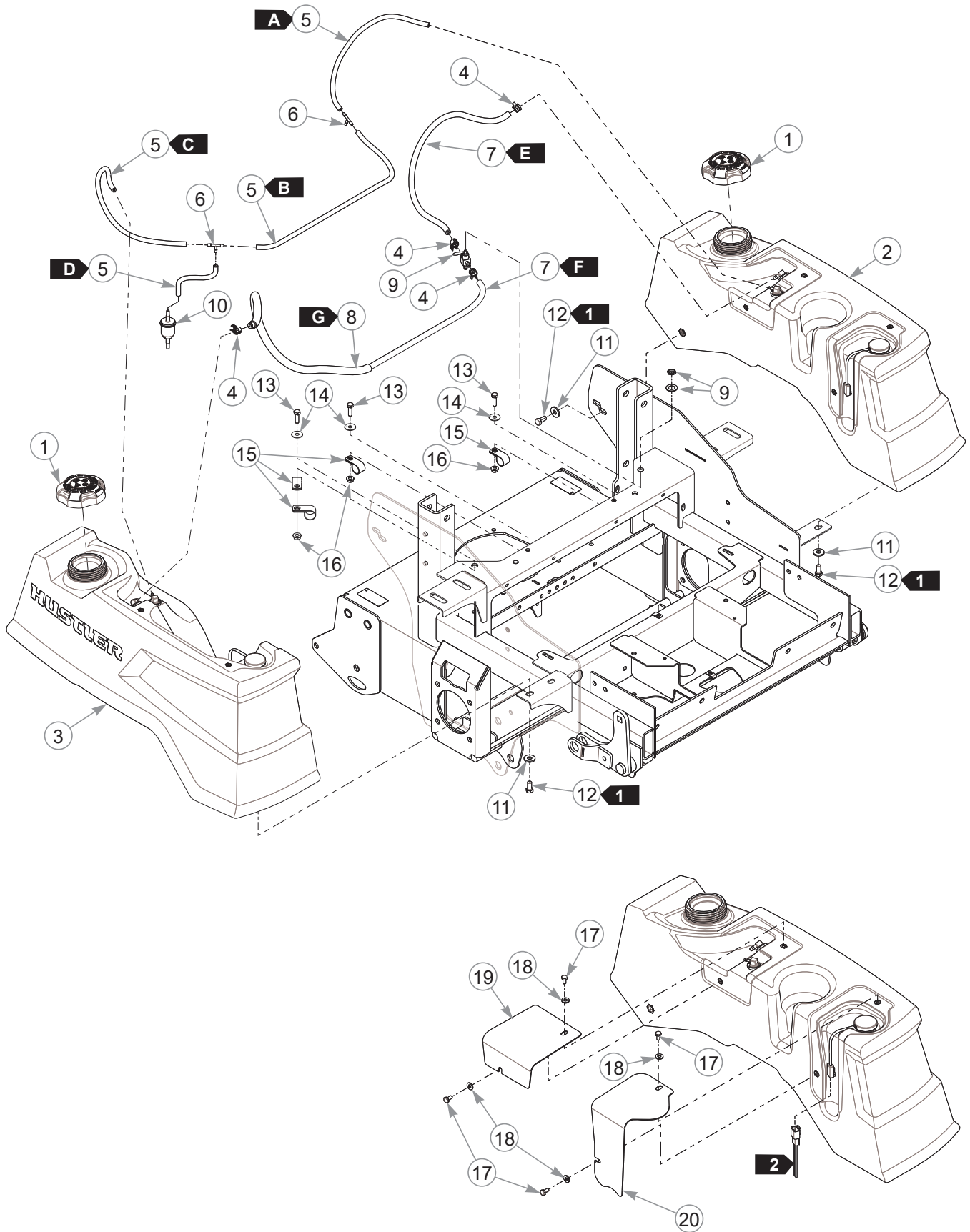


INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	785261	1	AIR CLEANER ELEMENT
2	785279	1	SAFETY AIR FILTER ELEMENT
3	068478	1	IN-LINE FUEL FILTER
4	763318	1	VACUATOR VALVE
5	602581	1	OIL FILTER (FX730V)
	603138	1	OIL FILTER (FX850V)

NOTES:

This page intentionally left blank.

Fuel System, Kawasaki



Fuel System, Kawasaki

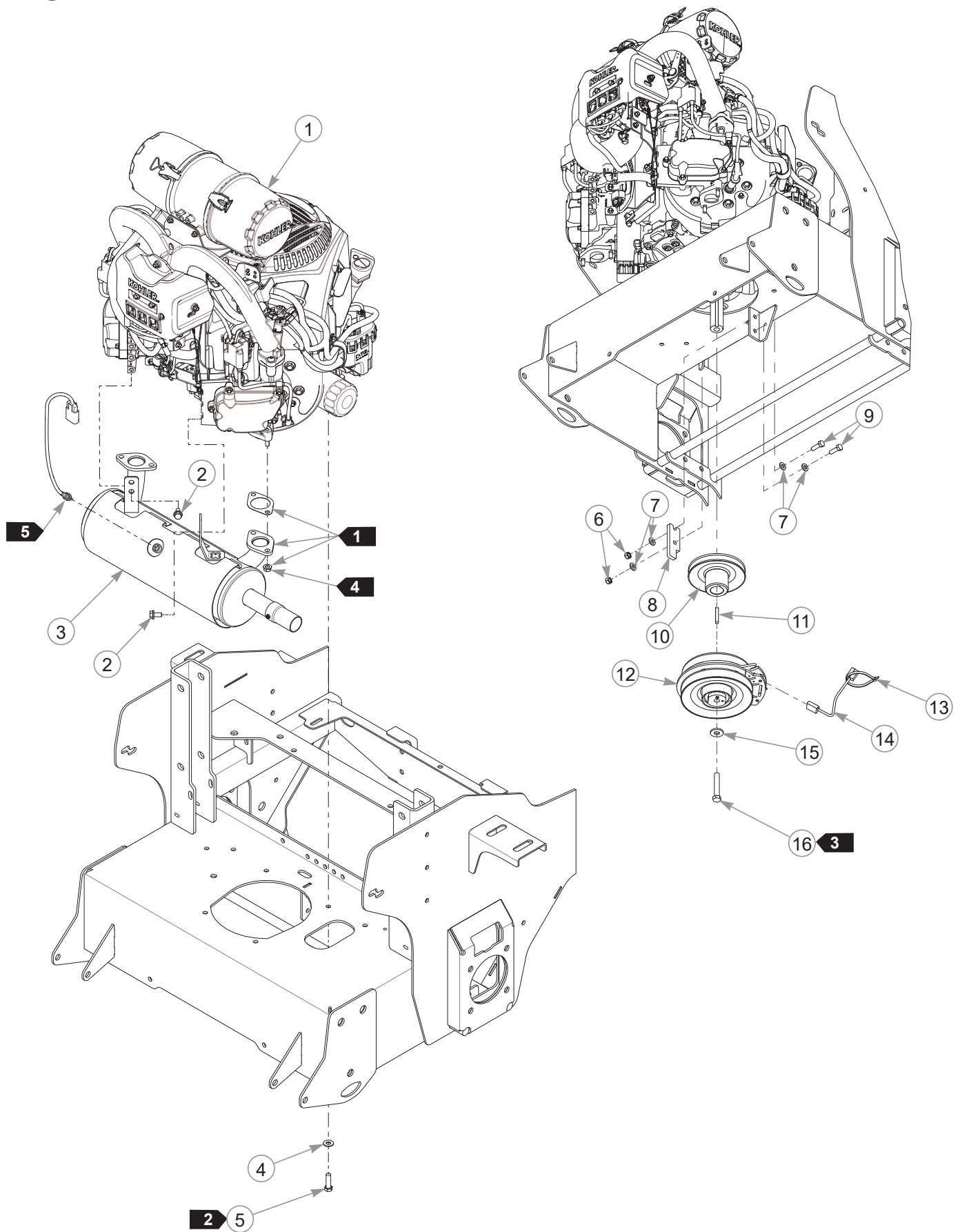
INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	603807	2	RATCHETING GAS CAP, 3.5"
2	606434	1	LS FUEL TANK
3	606433	1	RS FUEL TANK
4	000323	4	HOSE CLAMP
5	603326	71.5"	3/16" VAPOR LINE
6	604281	2	3/16" PLASTIC TEE
7	015818	67"	1/4" FUEL LINE
8	605215	27"	FUEL LINE THERMAL SHIELD
9	745059	1	FUEL VALVE 3-WAY
10	604323	1	VAPOR SYSTEM FILTER
11	712919	10	FW .406 X 1.00 X .12 HRD Z
12	055822	10	CS .375-16 X .75 HX G5
13	036236	3	CS .312-18 X 1.00 HX G5
14	079210	3	FW .344 X 1.00 X .06 ZNYC
15	043570	4	LOOP CLAMP
16	016832	3	NT .312-18 HX FLK
17	055947	4	CS .250-20 X .50 HX G5
18	768515	4	FW .281 X .625 X .066
19	123182	1	TANK COVER
20	123181	1	TANK COVER
21	000331	2	WIRE TIE (NOT SHOWN)

NOTES:

FUEL & VAPOR LINE LENGTHS		
	19"	LEFT TANK TO TEE (VAPOR)
	24"	TEE TO TEE (VAPOR)
	22"	RIGHT TANK TO TEE (VAPOR)
	6.5"	TEE TO FILTER (VAPOR)
	23"	LEFT TANK TO VALVE (FUEL)
	44"	RIGHT TANK TO VALVE (FUEL)
	27"	FUEL LINE THERMAL SHIELD

1. Torque to 16 ft-lbs.
2. Part of the wire harness.

Engine, Kohler



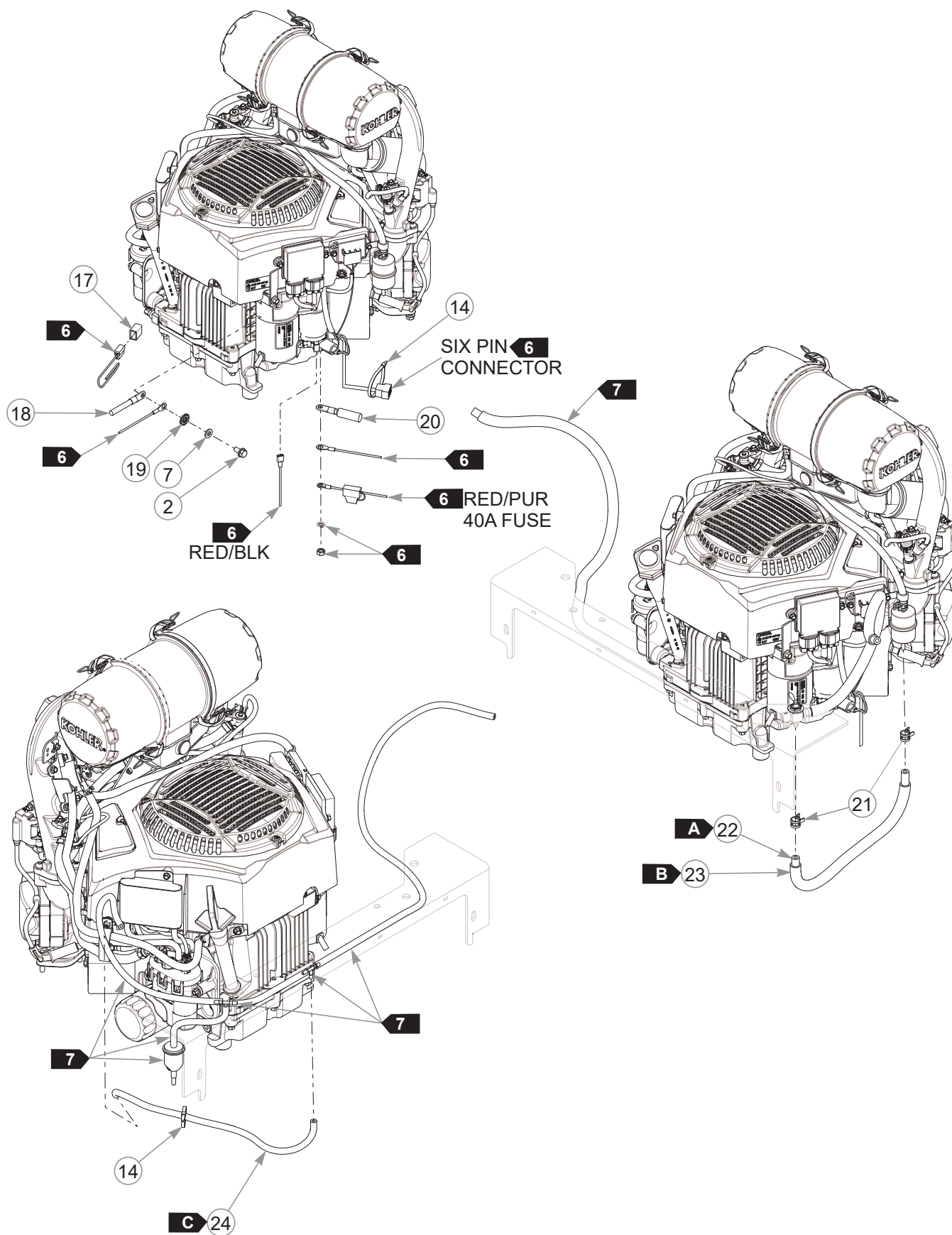
Engine, Kohler

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	N/A	1	KOHLER ECV860 EFI ENGINE
2	720516	3	CS M8-1.25 X 16 HX FL10.9
3	605828	1	MUFFLER
4	767954	4	FW .379 X .813 X .063
5	602580	4	CS .375-16 X 1.25 HX G8 P85
6	034272	2	NT .312-18 HX G5
7	768523	5	FW .343 X .687 X .051/.080H
8	113946	1	CLUTCH ANCHOR
9	036236	2	CS .312-18 X 1.00 HX G5
10	606471	1	ENGINE PULLEY
11	212076	1	KEY 1/4 SQ X 1.50 LG
12	606404K	1	CLUTCH KIT
13	791251	1	CLUTCH HARNESS PIGTAIL
14	000331	3	WIRE TIE
15	602680	1	FW .453 X 1.12 X .119 HRD
16	785659	1	CS .437-20 X 2.50 HX G5 P85

NOTES:

1. Supplied with the engine.
2. Torque to 12 ft-lbs plus 60° rotation of the cap screw head. Replace (do not reuse) the cap screw if it is removed or loosened. Use only hand tools to install this fastener.
3. Torque to 45–48 ft-lbs. Replace (do not reuse) the cap screw if it is removed or loosened.
4. Torque to 18 ft-lbs.
5. Torque to 14 ft-lbs.

Engine, Kohler



Engine, Kohler

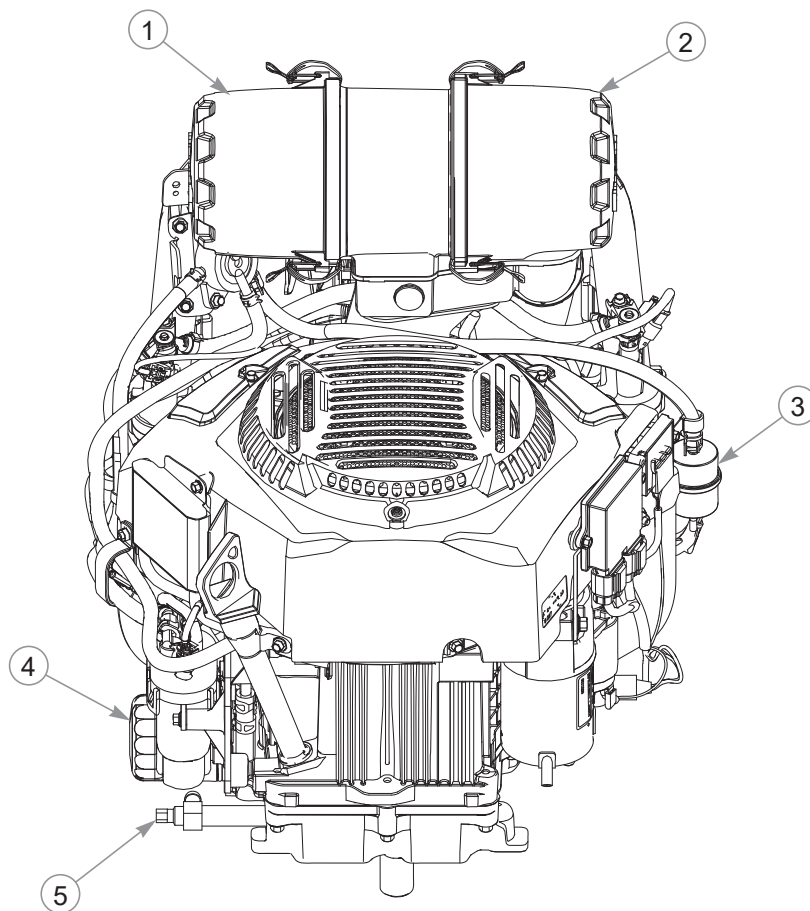
INDEX NO.	PART NO.	QTY.	DESCRIPTION
17	789131	1	FAN CAP
18	744284	1	NEGATIVE BATTERY CABLE
19	029876	1	LW .325 INT-EXT TOOTH
20	744276	1	POSITIVE BATTERY CABLE
21	000323	2	HOSE CLAMP
22	015818	16.5"	1/4" FUEL LINE
23	605215	15.5"	FUEL LINE THERMAL SHIELD
24	603326	17"	3/16" VAPOR LINE

NOTES:

FUEL & VAPOR LINE LENGTHS		
A	16.5"	VALVE TO ENGINE (FUEL)
B	15.5"	VALVE TO ENGINE (FUEL LINE THERMAL SHIELD)
C	17"	TEE TO ENGINE (VAPOR)

- 6. Part of the wire harness.
- 7. Part of the Fuel System.

Engine Service Parts, Kohler

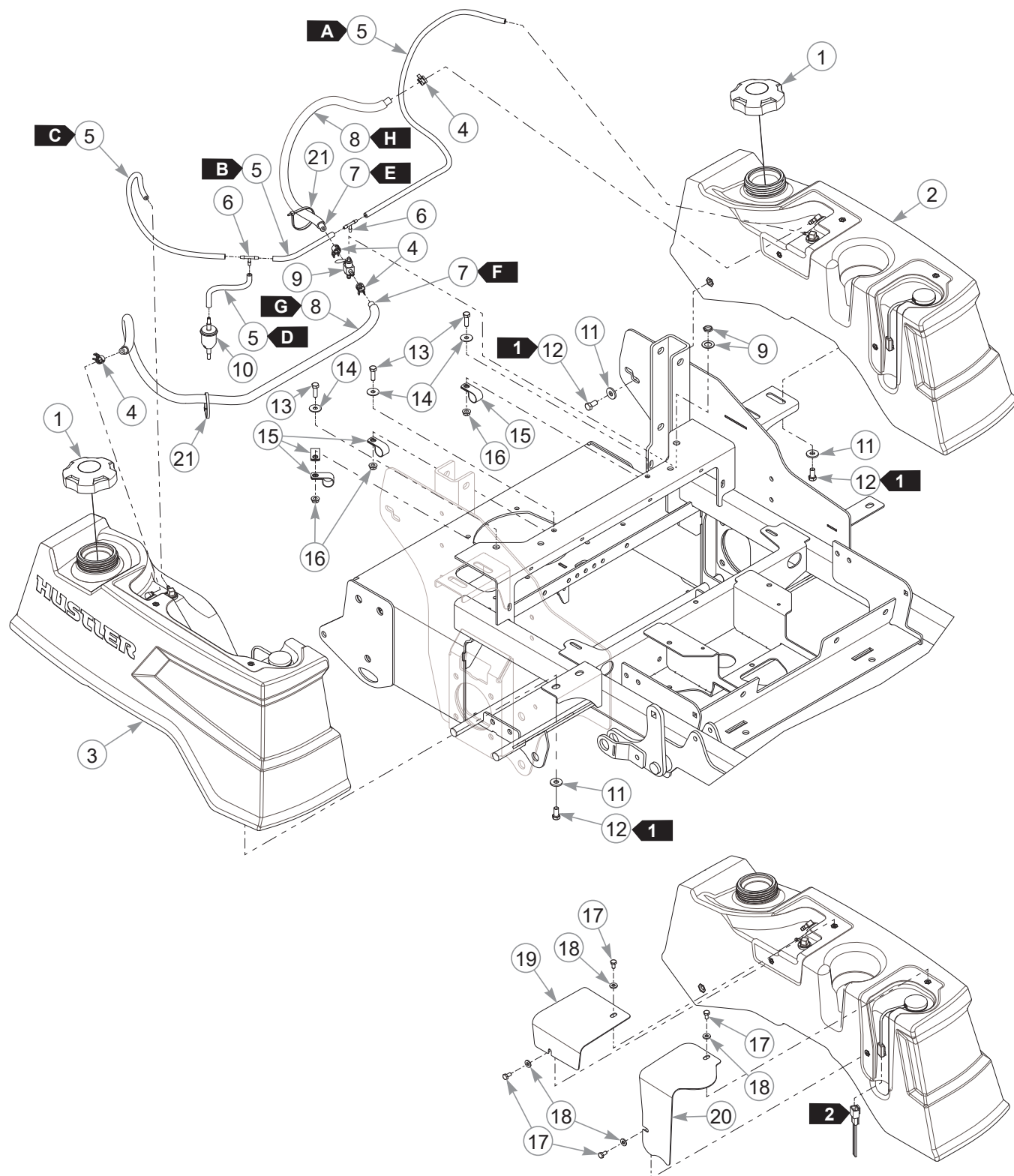


INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	602587	1	AIR FILTER
2	602586	1	SAFETY AIR FILTER ELEMENT
3	606228	1	IN-LINE FUEL FILTER
4	704544	1	OIL FILTER
5	796672	1	OIL DRAIN VALVE

NOTES:

This page intentionally left blank.

Fuel System, Kohler—Without Carbon Canister



Fuel System, Kohler—Without Carbon Canister

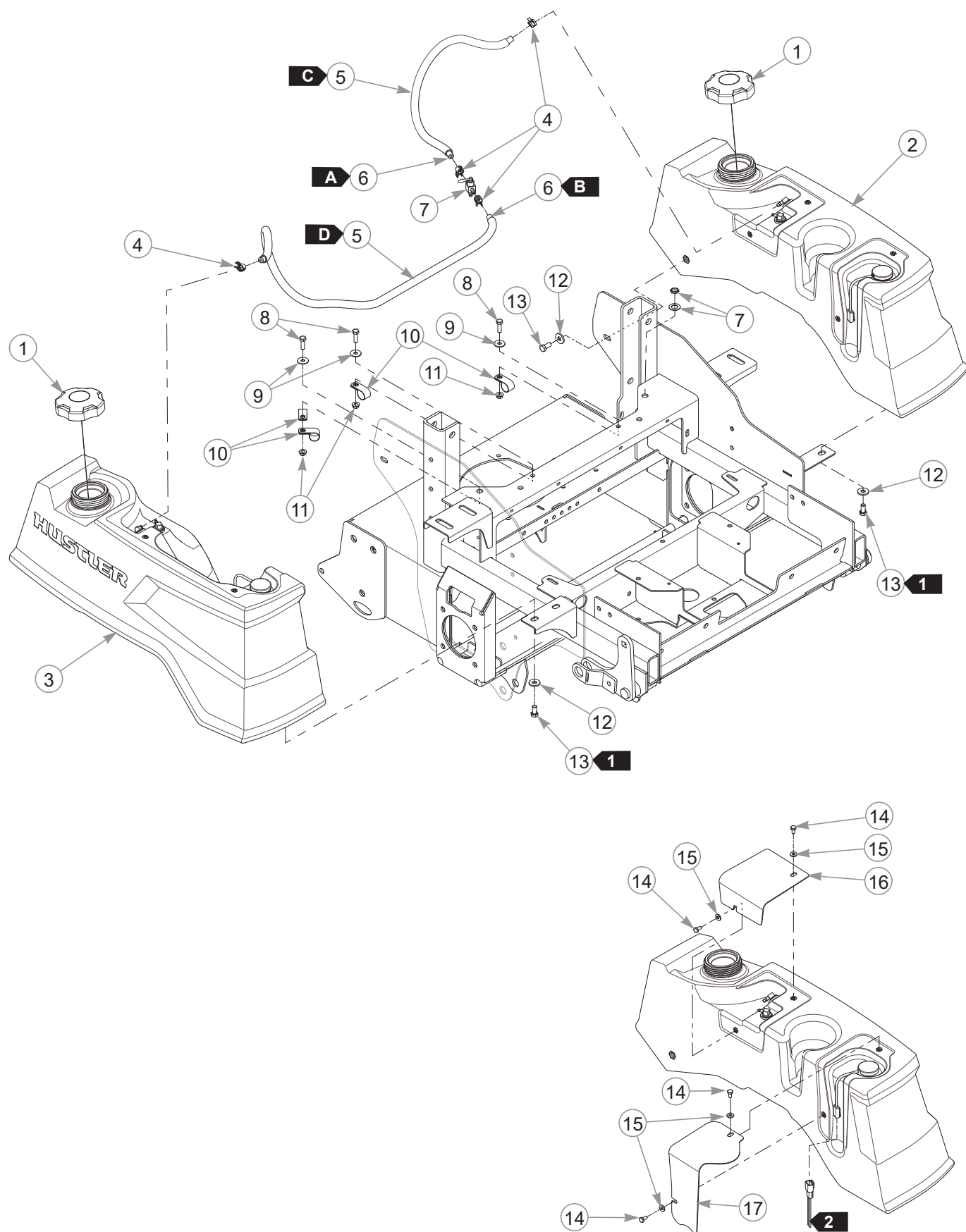
INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	603807	2	RATCHETING GAS CAP, 3.5"
2	606434	1	LS FUEL TANK
3	606433	1	RS FUEL TANK
4	000323	4	HOSE CLAMP
5	603326	70.5"	3/16" VAPOR LINE
6	604281	2	3/16" PLASTIC TEE
7	015818	67"	1/4" FUEL LINE
8	605215	65"	FUEL LINE THERMAL SHIELD
9	745059	1	FUEL VALVE 3-WAY
10	604323	1	VAPOR SYSTEM FILTER
11	712919	10	FW .406 X 1.00 X .12 HRD Z
12	055822	10	CS .375-16 X .75 HX G5
13	036236	3	CS .312-18 X 1.00 HX G5
14	079210	3	FW .344 X 1.00 X .06 ZNYC
15	043570	4	LOOP CLAMP
16	016832	3	NT .312-18 HX FLK
17	055947	4	CS .250-20 X .50 HX G5
18	768515	4	FW .281 X .625 X .066
19	123182	1	FUEL LINE COVER
20	123181	1	FUEL SENDER COVER
21	000331	2	WIRE TIE

NOTES:

FUEL & VAPOR LINE LENGTHS		
	35"	LEFT TANK TO CENTER TEE (VAPOR)
	7"	RIGHT TEE TO CENTER TEE (VAPOR)
	22"	RIGHT TANK TO TEE (VAPOR)
	6.5"	TEE TO FILTER (VAPOR)
	23"	LEFT TANK TO VALVE (FUEL)
	44"	RIGHT TANK TO VALVE (FUEL)
	43"	FUEL LINE THERMAL SHIELD
	22"	FUEL LINE THERMAL SHIELD

1. Torque to 16 ft-lbs.
2. Part of the wire harness.

Fuel System, Kohler—With Carbon Canister



Fuel System, Kohler—With Carbon Canister

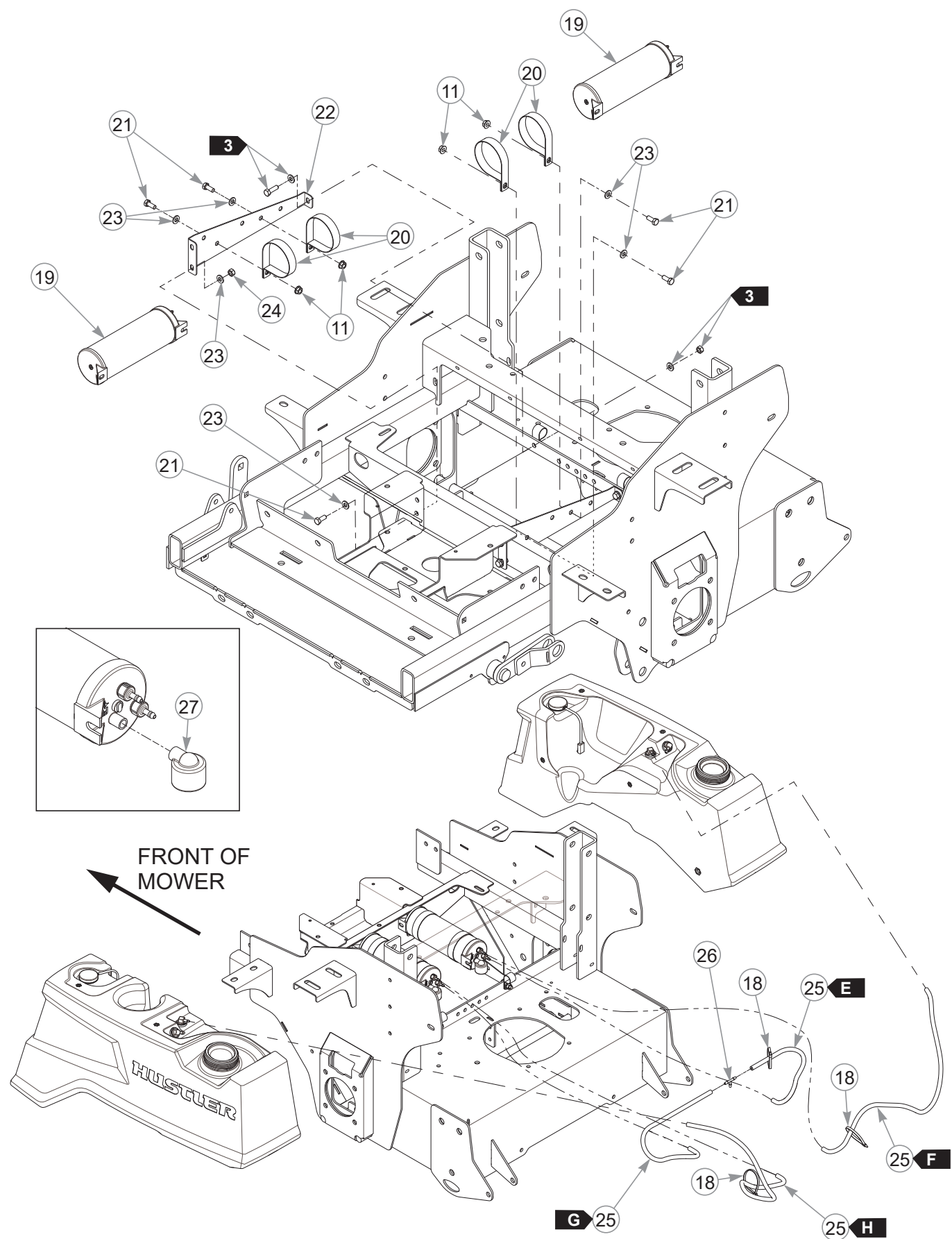
INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	603807	2	RATCHETING GAS CAP, 3.5"
2	606434	1	LS FUEL TANK
3	606433	1	RS FUEL TANK
4	000323	4	HOSE CLAMP
5	605215	65"	FUEL LINE THERMAL SHIELD
6	015818	67"	1/4" FUEL LINE
7	745059	1	FUEL VALVE 3-WAY
8	036236	3	CS .312-18 X 1.00 HX G5
9	079210	3	FW .344 X 1.00 X .06 ZNYC
10	043570	4	LOOP CLAMP
11	016832	7	NT .312-18 HX FLK
12	712919	10	FW .406 X 1.00 X .12 HRD Z
13	055822	10	CS .375-16 X .75 HX G5
14	055947	4	CS .250-20 X .50 HX G5
15	768515	4	FW .281 X .625 X .066
16	123182	1	FUEL LINE COVER
17	123181	1	FUEL SENDER COVER
18	000331	5	WIRE TIE

NOTES:

FUEL LINE LENGTHS		
A	23"	LS TANK TO VALVE (FUEL)
B	44"	RS TANK TO VALVE (FUEL)
C	22"	LS TANK TO VALVE (FUEL LINE THERMAL SHIELD)
D	43"	RS TANK TO VALVE (FUEL LINE THERMAL SHIELD)

1. Torque to 16 ft-lbs.
2. Part of the wire harness.

Fuel System, Kohler—With Carbon Canister



Fuel System, Kohler—With Carbon Canister

INDEX NO.	PART NO.	QTY	DESCRIPTION
19	604314	2	CARBON CANISTER
20	602980	4	3.0" CUSHIONED CLAMP
21	034280	6	CS .312-18 X .75 HX G5
22	123179	1	CABLE SUPPORT
23	768523	8	FW .343 X .687 X .051/.080H
24	034272	2	NT .312-18 HX G5
25	603326	96"	3/16" VAPOR LINE
26	604281	1	3/16" PLASTIC TEE
27	603161	1	VACUUM BREAKER FILTER

NOTES:

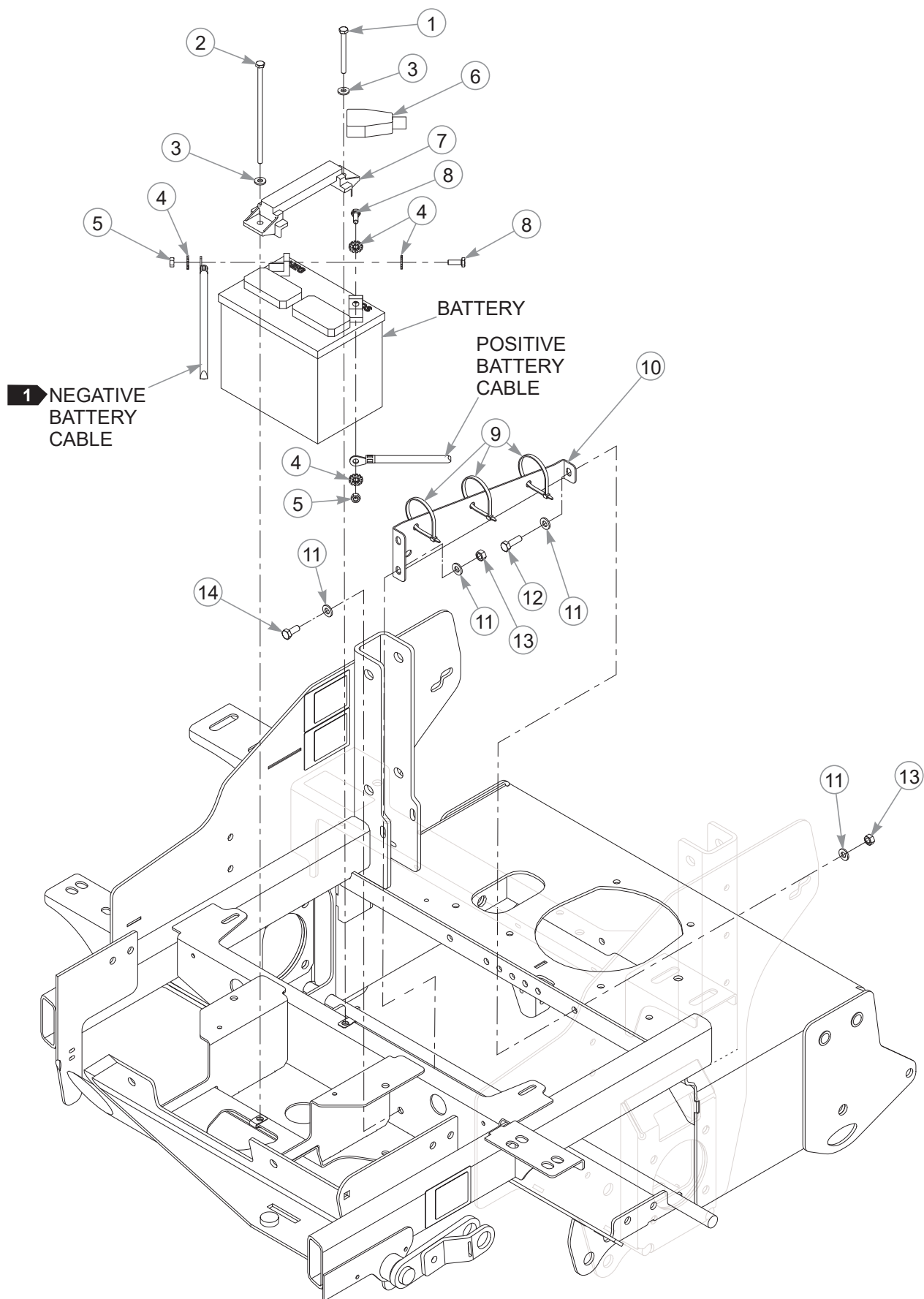
VAPOR LINE LENGTHS		
E	14"	RIGHT CARBON CANISTER TO TEE
F	29"	RIGHT TANK TO CARBON CANISTER
G	21"	LEFT CARBON CANISTER TO TEE
H	32"	LEFT TANK TO CARBON CANISTER

3. Part of the Instrument Panel Assembly.

Section 6

Battery	6-2
Instrument Panel, Kawasaki	6-4
Instrument Panel, Kohler	6-6

Battery



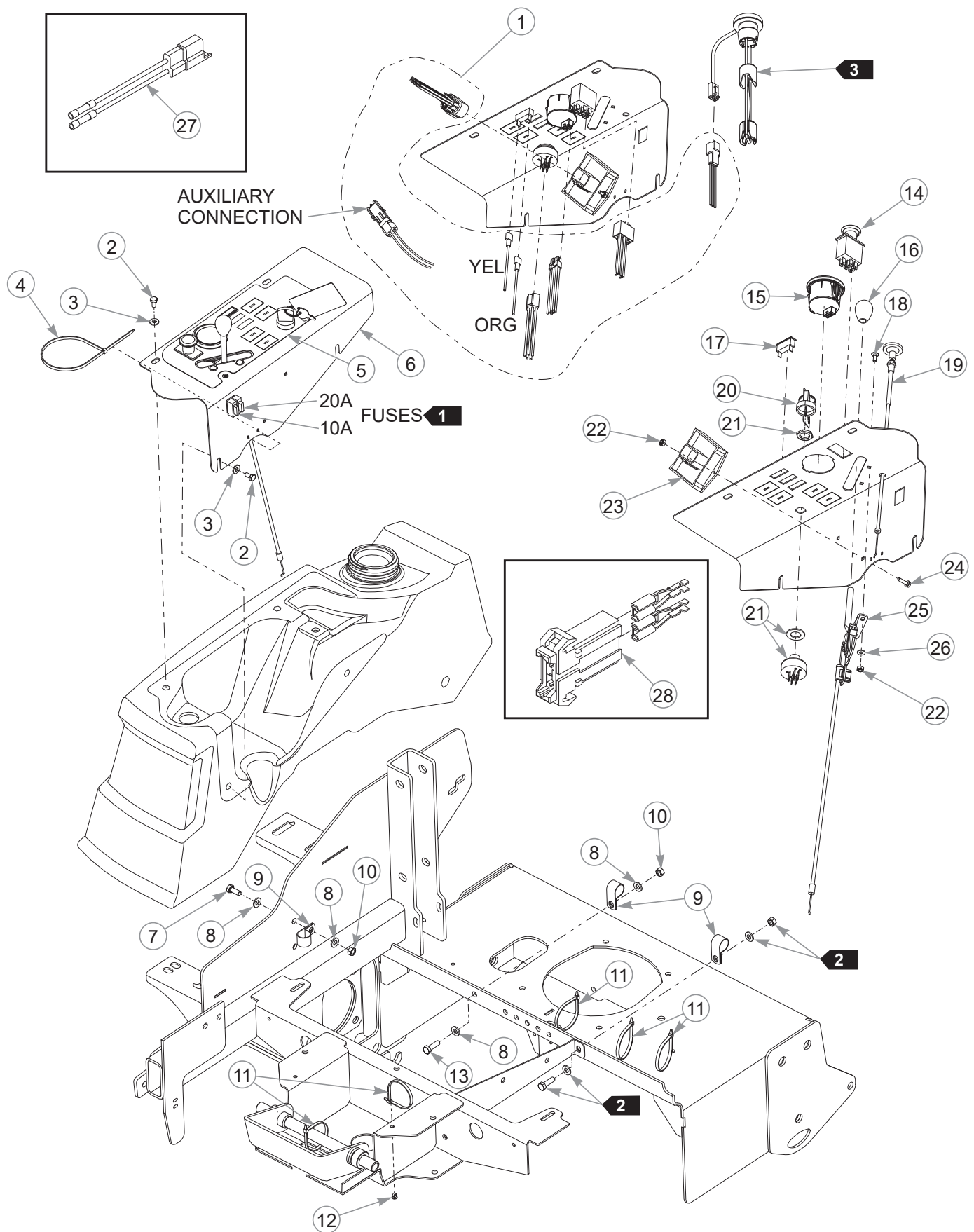
Battery

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	794156	1	CS .250-20 X 2.75 HX G5
2	601930	1	CS .250-20 X 6.50 HX G5
3	768515	2	FW .281 X .625 X .066
4	029868	4	LW .250 INT-EXT TOOTH Z
5	024927	2	NT .250-20 HX G5
6	771428	1	RED BATTERY CABLE BOOT
7	604178	1	TIE DOWN STRAP
8	055939	2	CS .250-20 X .75 HX G5
9	000331	4	WIRE TIE
10	124384-1	1	CABLE SUPPORT
11	768523	6	FW .343 X .687 X .051/.080H
12	036236	1	CS .312-18 X 1.00 HX G5
13	034272	3	NT .312-18 HX G5
14	034280	2	CS .312-18 X .75 HX G5

NOTES:

1. When performing service on the mower, disconnect the negative battery cable (black) and do not reconnect it to the battery until ready to start the engine.

Instrument Panel, Kawasaki



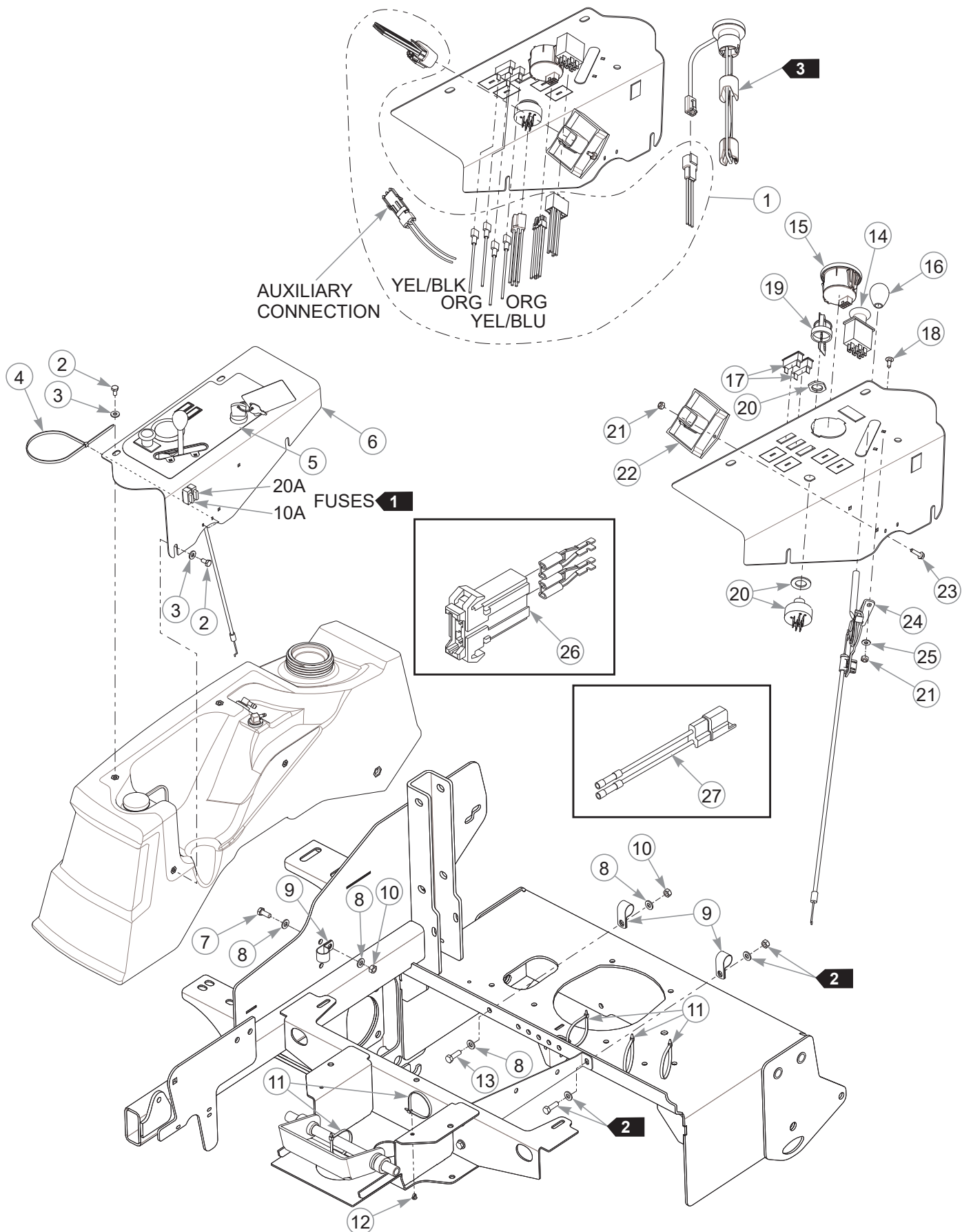
Instrument Panel, Kawasaki

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	604241	1	WIRE HARNESS
2	055947	4	CS .250-20 X .50 HX G5
3	768515	4	FW .281 X .625 X .066
4	000430	1	WIRE TIE
5	606466	1	INSTRUMENT PANEL DECAL
6	553845	1	INSTRUMENT PANEL (WITH DECAL)
7	034280	1	CS .312-18 X .75 HX G5
8	768523	4	FW .343 X .687 X .051/.080H
9	043570	3	LOOP CLAMP
10	034272	2	NT .312-18 HX G5
11	000331	5	WIRE TIE
12	604307	1	PUSH BUTTON MOUNT
13	036236	1	CS .312-18 X 1.00 HX G5
14	776476	1	PTO SWITCH
15	606068	1	FUEL DISPLAY/HOUR METER
16	603523	1	KNOB
17	712257	1	RED INDICATOR LIGHT
18	601098	2	CB 10-24 X .500 ZYNC
19	786657	1	CHOKE CABLE
20	785808	1	KEY ASSEMBLY
21	045898	1	IGNITION SWITCH
22	059832	4	NT #10-24 HX NL ZN
23	604373	1	RELAY CONTROL MODULE
24	063198	2	CS 10-24 X .75 HX FLK ZN
25	603475	1	THROTTLE CABLE
26	704932	2	FW .219 X .50 X .048
27	114052	1	CLUTCH CONNECTOR REPAIR KIT
28	601047	1	FUSE HOLDER

NOTES:

1. Part of the wire harness.
2. Part of the Battery Assembly.
3. Part of the Fuel Assembly.

Instrument Panel, Kohler



Instrument Panel, Kohler

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	606165	1	WIRE HARNESS
2	055947	4	CS .250-20 X .50 HX G5
3	768515	4	FW .281 X .625 X .066
4	000430	1	WIRE TIE
5	606467	1	INSTRUMENT PANEL DECAL
6	553846	1	INSTRUMENT PANEL (WITH DECAL)
7	034280	1	CS .312-18 X .75 HX G5
8	768523	4	FW .343 X .687 X .051/.080H
9	043570	3	LOOP CLAMP
10	034272	2	NT .312-18 HX G5
11	000331	5	WIRE TIE
12	604307	1	PUSH BUTTON MOUNT
13	036236	1	CS .312-18 X 1.00 HX G5
14	776476	1	PTO SWITCH
15	606068	1	FUEL DISPLAY/HOUR METER
16	603523	1	KNOB
17	712257	2	RED INDICATOR LIGHT
18	601098	2	CB 10-24 X .500 ZYNC
19	785808	1	KEY ASSEMBLY
20	045898	1	IGNITION SWITCH
21	059832	4	NT #10-24 HX NL ZN
22	604373	1	RELAY CONTROL MODULE
23	063198	2	CS 10-24 X .75 HX FLK ZN
24	603847	1	THROTTLE CABLE
25	704932	2	FW .219 X .50 X .048
26	601047	1	FUSE HOLDER
27	114052	1	CLUTCH CONNECTOR REPAIR KIT

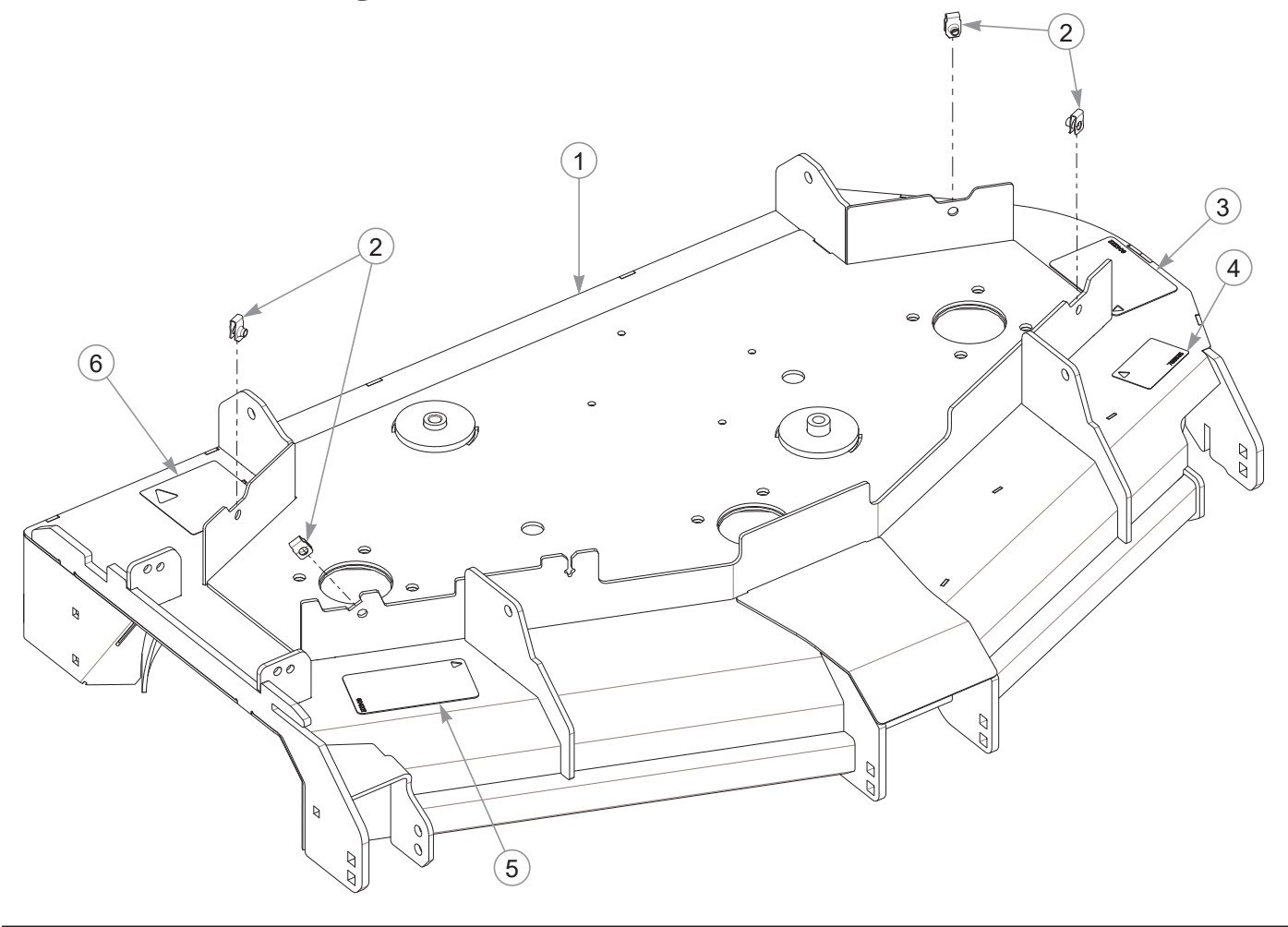
NOTES:

1. Part of the wire harness.
2. Part of the Battery Assembly.
3. Part of the Fuel Assembly.

Section 7

52" Side Discharge Service Deck	7-2
52" Side Discharge Deck Pulleys & Spindles	7-4
52" Side Discharge Deck	7-6
60" Side Discharge Service Deck	7-10
60" Side Discharge Deck Pulleys & Spindles	7-13
60" Side Discharge Deck	7-15
72" Side Discharge Service Deck	7-19
72" Side Discharge Deck Pulleys & Spindles	7-22
72" Side Discharge Deck	7-24
54" Rear Discharge Service Deck	7-28
54" Rear Discharge Deck Pulleys & Spindles	7-30
54" Rear Discharge Deck	7-32
60" Rear Discharge Service Deck	7-36
60" Rear Discharge Deck Pulleys & Spindles	7-38
60" Rear Discharge Deck	7-40
54"/60" Rear Discharge Deck Dust Shield	7-44
Deck Lift	7-46

52" Side Discharge Service Deck

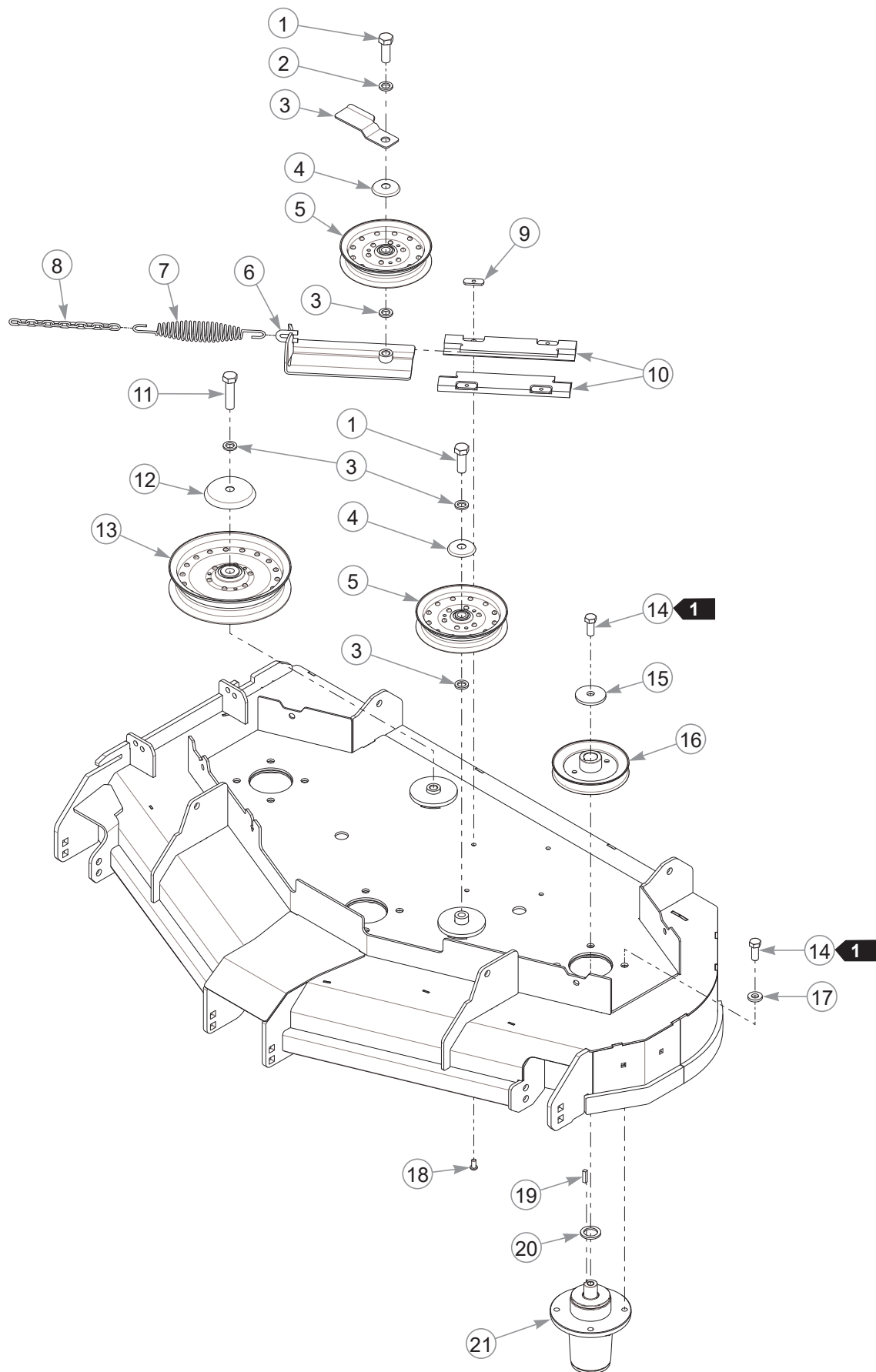


INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	553618	1	52" DECK (WITH DECALS)
2	601069	4	CN .312-18 X .20 MAX THK
3	604222	1	DECK DANGERS DECAL
4	785535	1	52" DECK ID DECAL
5	604221	1	DANGER/CHUTE DECAL
6	781419	1	BELT ROUTING DECAL

NOTES:

This page intentionally left blank.

52" Side Discharge Deck Pulleys & Spindles



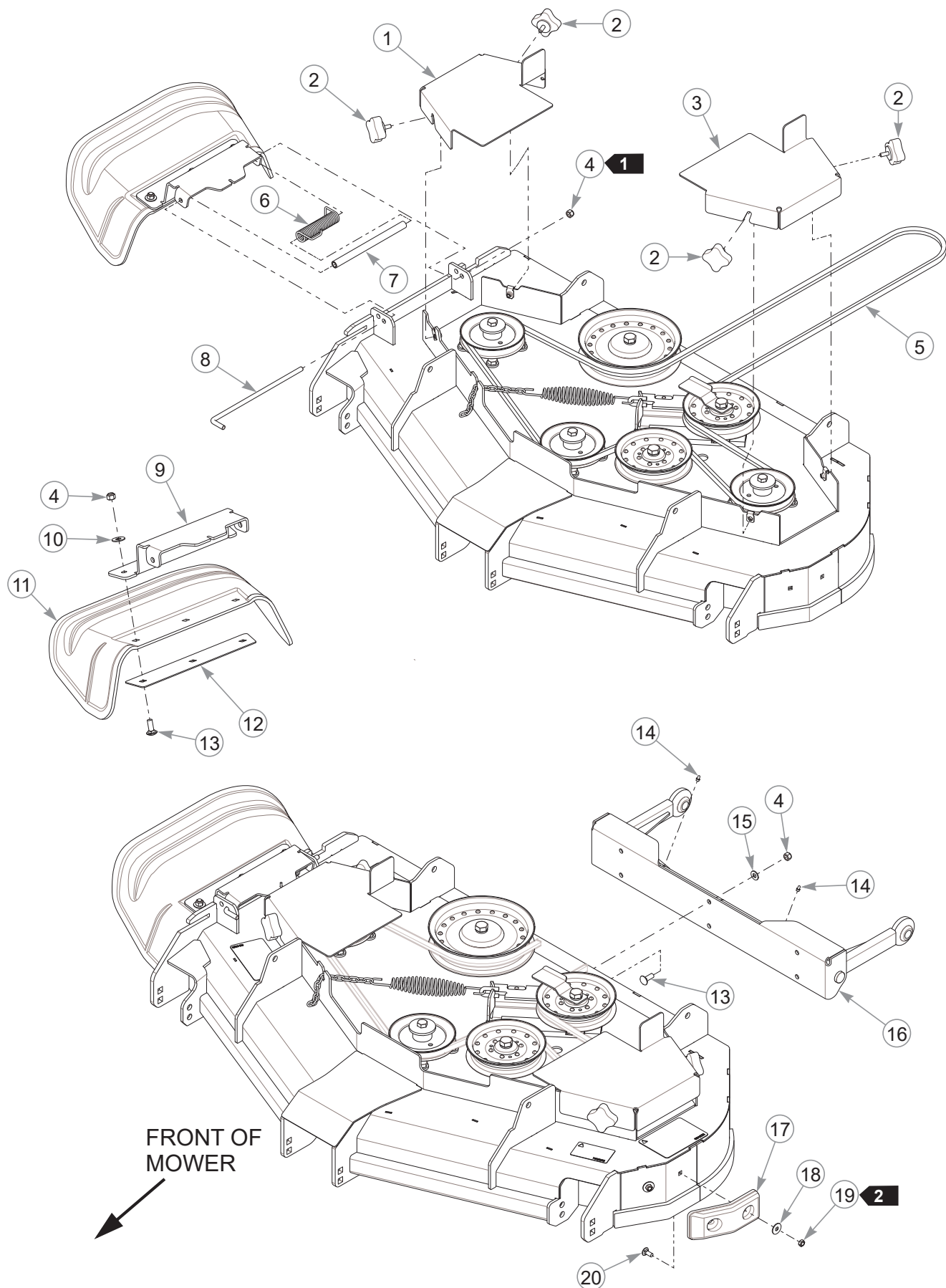
52" Side Discharge Deck Pulleys & Spindles

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	025007	2	CS .625-11 X 1.75 HX G5
2	028118	5	FW .625 X 1.00 X .134
3	606460	1	BELT GUIDE
4	602935	2	IDLER DUST SHIELD SM
5	602821	2	IDLER 6.0" RIVETED
6	350884	1	DECK IDLER SLIDE
7	781302	1	TENSION SPRING
8	259812	1	CHAIN, 13 LINK
9	603023	4	WN .312-18 ZN
10	602936	2	UHMW IDLER SLIDE
11	025015	1	CS .625-11 X 2.50 HX G5
12	602963	1	IDLER DUST SHIELD LG
13	602838	1	IDLER 8.0" RIVETED
14	705954	15	CS .500-13 X 1.25 HX G5
15	752386	3	CW .550 X 2.25 X .305 BLK
16	798967	3	B-SEC 5.44 EOD PULLEY
17	767962	12	FW .531 X 1.063 X .175
18	603022	4	CS .312-18 X .625 BH ZN
19	212472	3	KEY 1/4 SQ X 1.00
20	045765	3	FW 1.030 X 1.50 X .134
21	604255	3	BLADE SPINDLE CW

NOTES:

1. Torque to 63–73 ft-lbs.

52" Side Discharge Deck



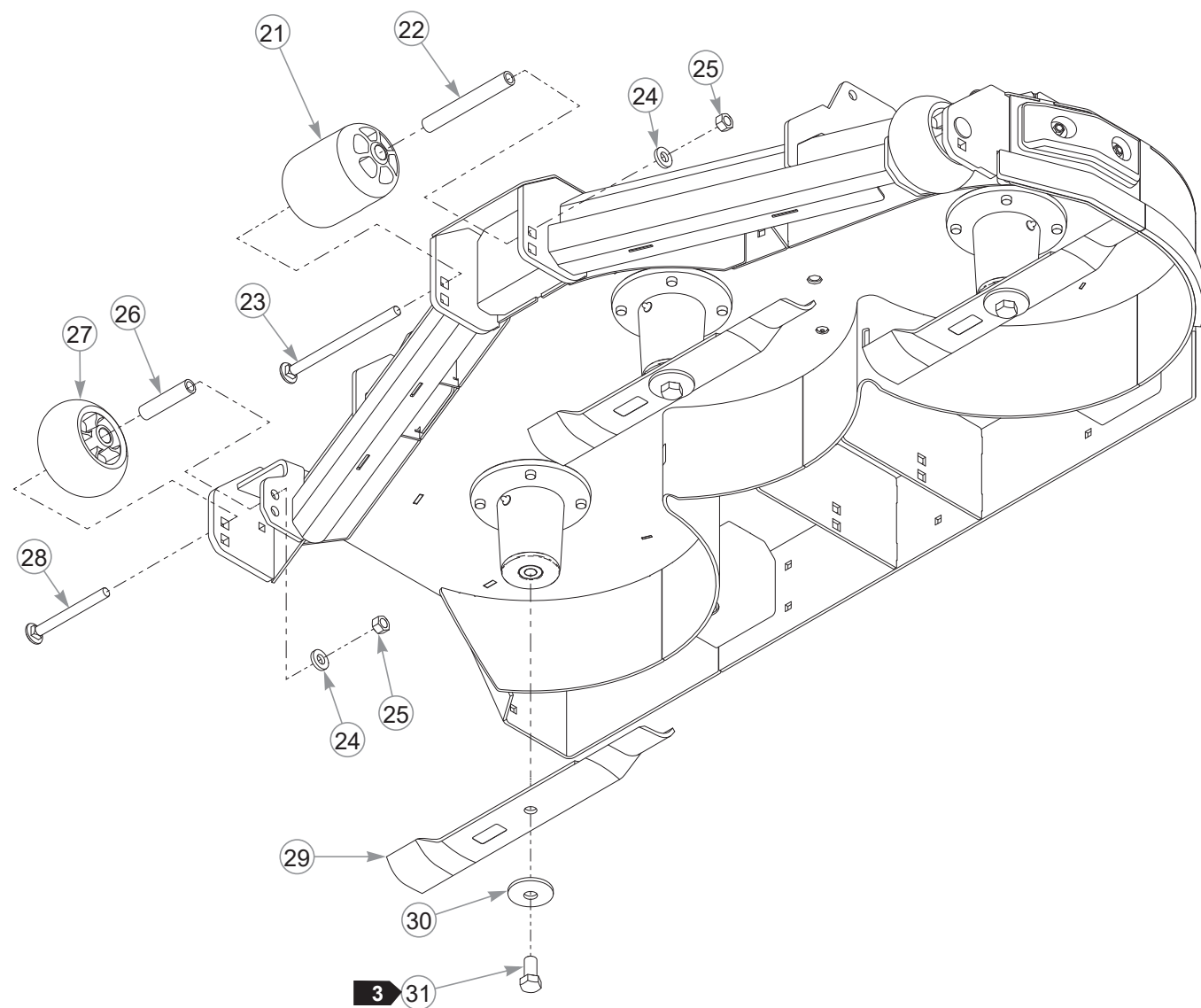
52" Side Discharge Deck

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	124095	1	RS PULLEY COVER
2	792002	4	KNOB 5/16-18 X 3/4"
3	124094	1	LS PULLEY COVER
4	086660	10	NT .375-16 HX G5 NL
5	602077	1	BELT, B 156.00" EL
6	606192	1	TORSION SPRING
7	606166	1	CHUTE SPRING RETAINER
8	605936	1	CHUTE PIN
9	123039	1	DISCHARGE CHUTE BRACKET
10	076422	3	FW .406 X 1.00 X .06 ZNYC
11	605916	1	DISCHARGE CHUTE
12	122148	1	BOTTOM DISCHARGE CHUTE BRACKET
13	025395	9	CB .375-16 X 1.00 G5 ZNY
14	015495	2	GREASE FITTING STRAIGHT
15	767954	6	FW .379 X .813 X .063
16	124086	1	PUSHER
17	605376	1	DECK BUMPER
18	079210	2	FW .344 X 1.00 X .06 ZNYC
19	604251	2	NT .312-18 HX NL JAM G2 ZN
20	016253	2	CB .312-18 X .75 FUL ZN

NOTES:

1. Do not torque; the discharge chute must pivot freely.
2. Torque to 3–6 ft-lbs.

52" Side Discharge Deck



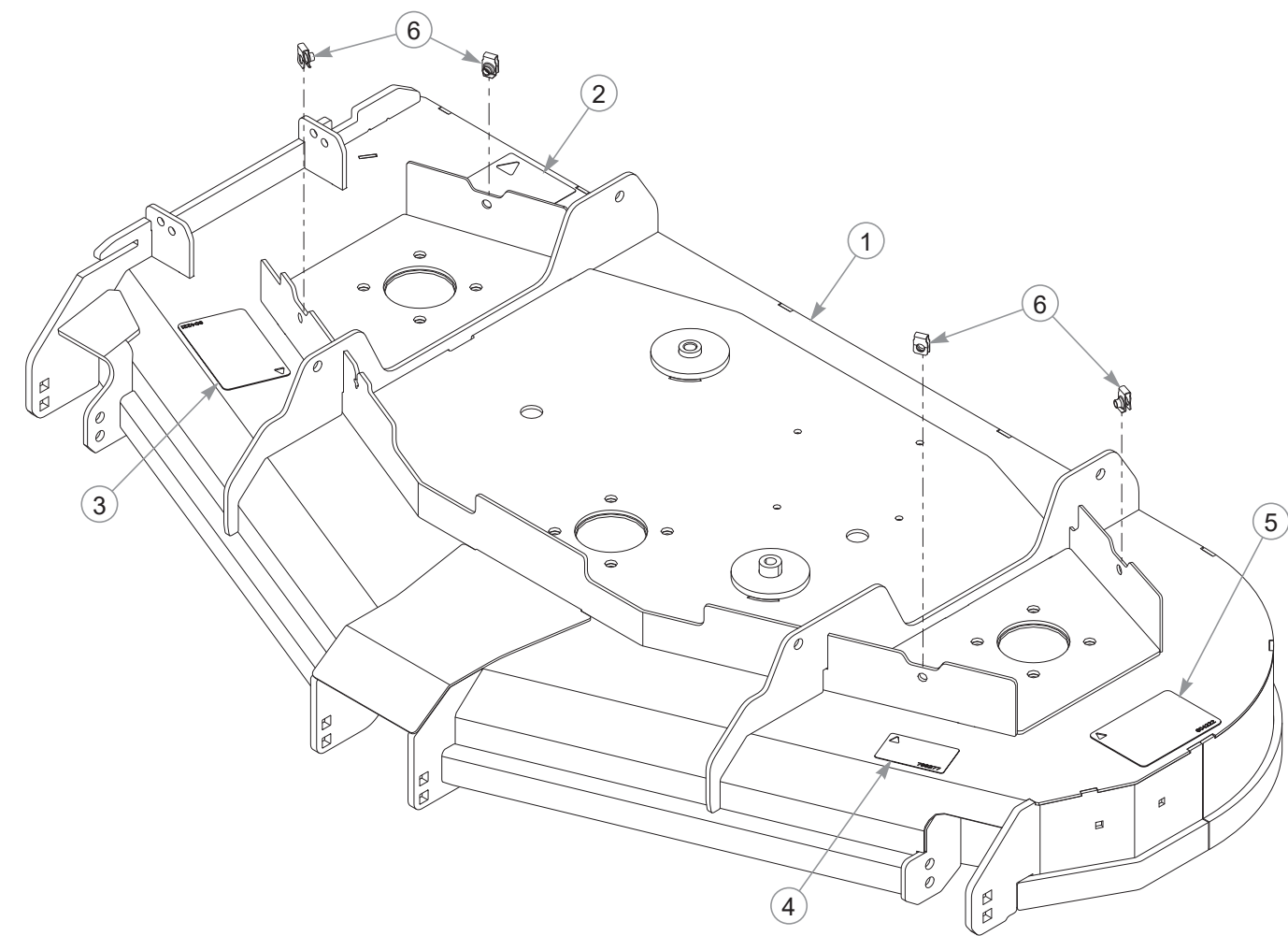
52" Side Discharge Deck

INDEX NO.	PART NO.	QTY.	DESCRIPTION
21	602341	1	PLASTIC WHEEL
22	602344	1	SPACER 5.73
23	602338	1	CB .500-13 X 7.50 STD ZN
24	767962	3	FW .531 X 1.063 X .175
25	008193	3	NT .500-13 HX G5 ZNYC
26	602345	2	SPACER 3.22
27	602263	2	PLASTIC WHEEL
28	603049	2	CB .500-13 X 5.00 ZNYC
29	787721	3	BLADE, 17.86"-H-F-CW
	794198	3	BLADE, 17.86"-MUL-F-CW
	785436	3	BLADE, 17.86"-GAT-F-CW
30	782474	3	CW .631 X 2.25 X .187 PNT
31	781872	3	CS .625-11 X 1.25 HX G5 Z

NOTES:

3. Torque to 118 ft-lbs.

60" Side Discharge Service Deck



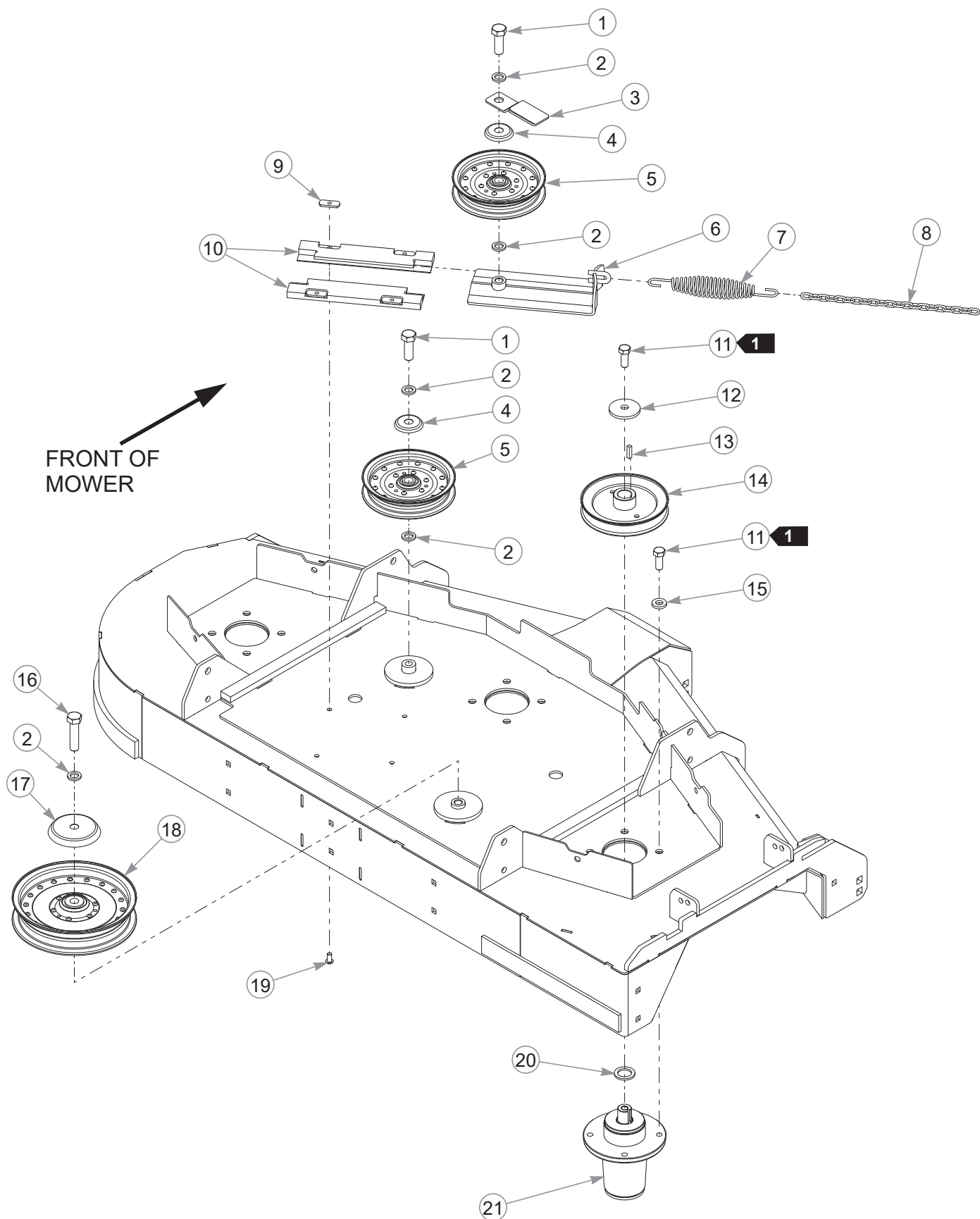
INDEX NO.	PART NO.	QTY	DESCRIPTION
1	553619	1	DECK (WITH DECALS)
2	781419	1	BELT ROUTING DECAL
3	604221	1	DANGER/CHUTE DECAL
4	786277	1	60" SD DECK ID DECAL
5	604222	1	DANGER/OBJECTS DECAL
6	601069	4	CN .312-16 X .20 MAX THK

NOTES:

This page intentionally left blank.

This page intentionally left blank.

60" Side Discharge Deck Pulleys & Spindles



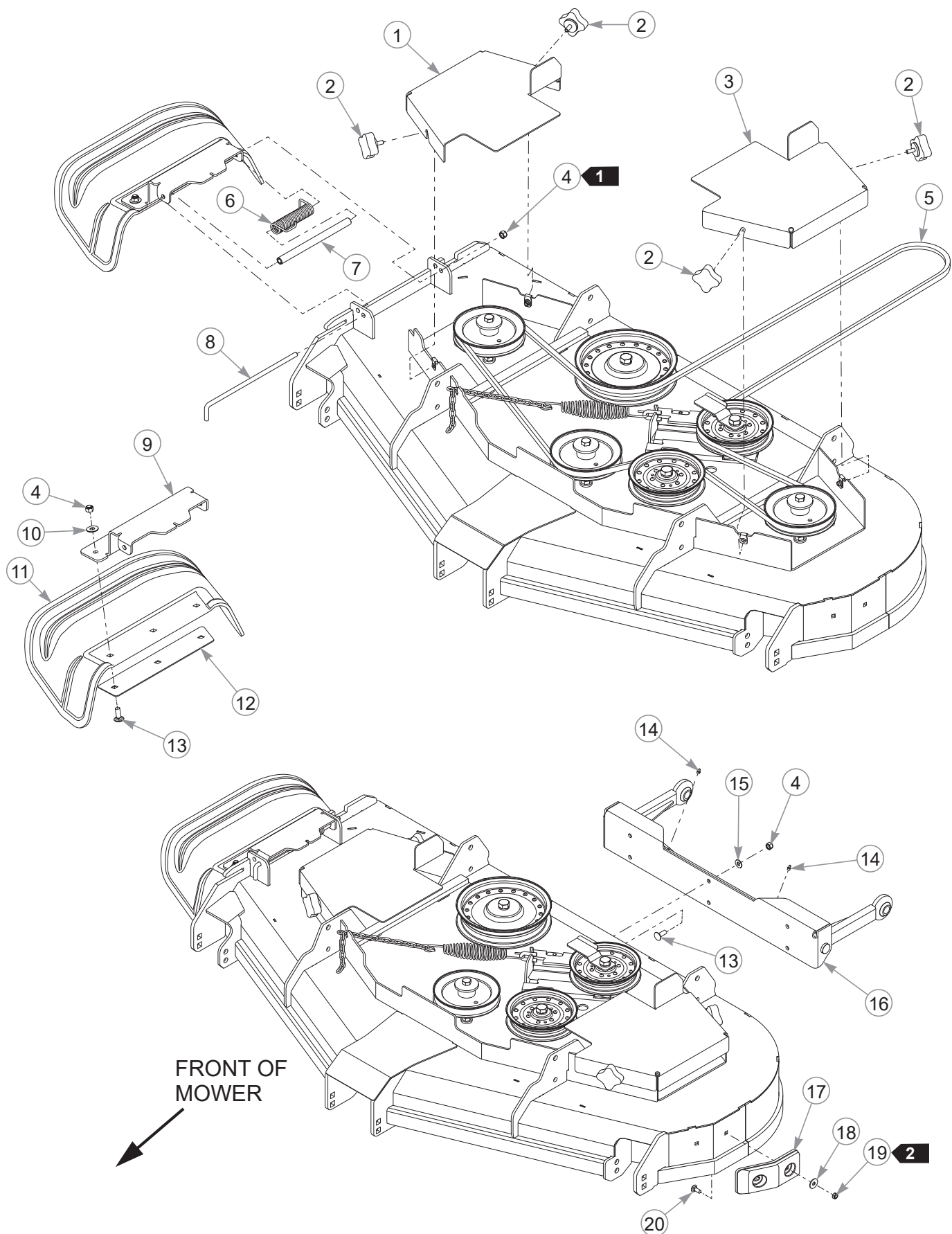
60" Side Discharge Deck Pulleys & Spindles

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	025007	2	CS .625-11 X 1.75 HX G5
2	028118	5	FW .625 X 1.00 X .134
3	606460	1	BELT GUIDE
4	602935	2	IDLER DUST SHIELD SM
5	602821	2	IDLER 6.0" RIVETED
6	350884	1	DECK IDLER SLIDE
7	781302	1	TENSION SPRING
8	373191	1	CHAIN, 21 LINK
9	603023	4	WN .312-18 ZN
10	602936	2	UHMW IDLER SLIDE
11	705954	15	CS .500-13 X 1.25 HX G5
12	752386	3	CW .550 X 2.25 X .305 BLK
13	212472	3	KEY 1/4 SQ X 1.00
14	770842	3	DECK DRIVE PULLEY
15	767962	12	FW .531 X 1.063 X .175
16	025015	1	CS .625-11 X 2.50 HX G5
17	602963	1	IDLER DUST SHIELD LG
18	602838	1	IDLER 8.0" RIVETED
19	603022	4	CS .312-18 X .625 BH ZN
20	045765	3	FW 1.030 X 1.50 X .134
21	604255	3	BLADE SPINDLE CW

NOTES:

1. Torque to 63–73 ft-lbs.

60" Side Discharge Deck



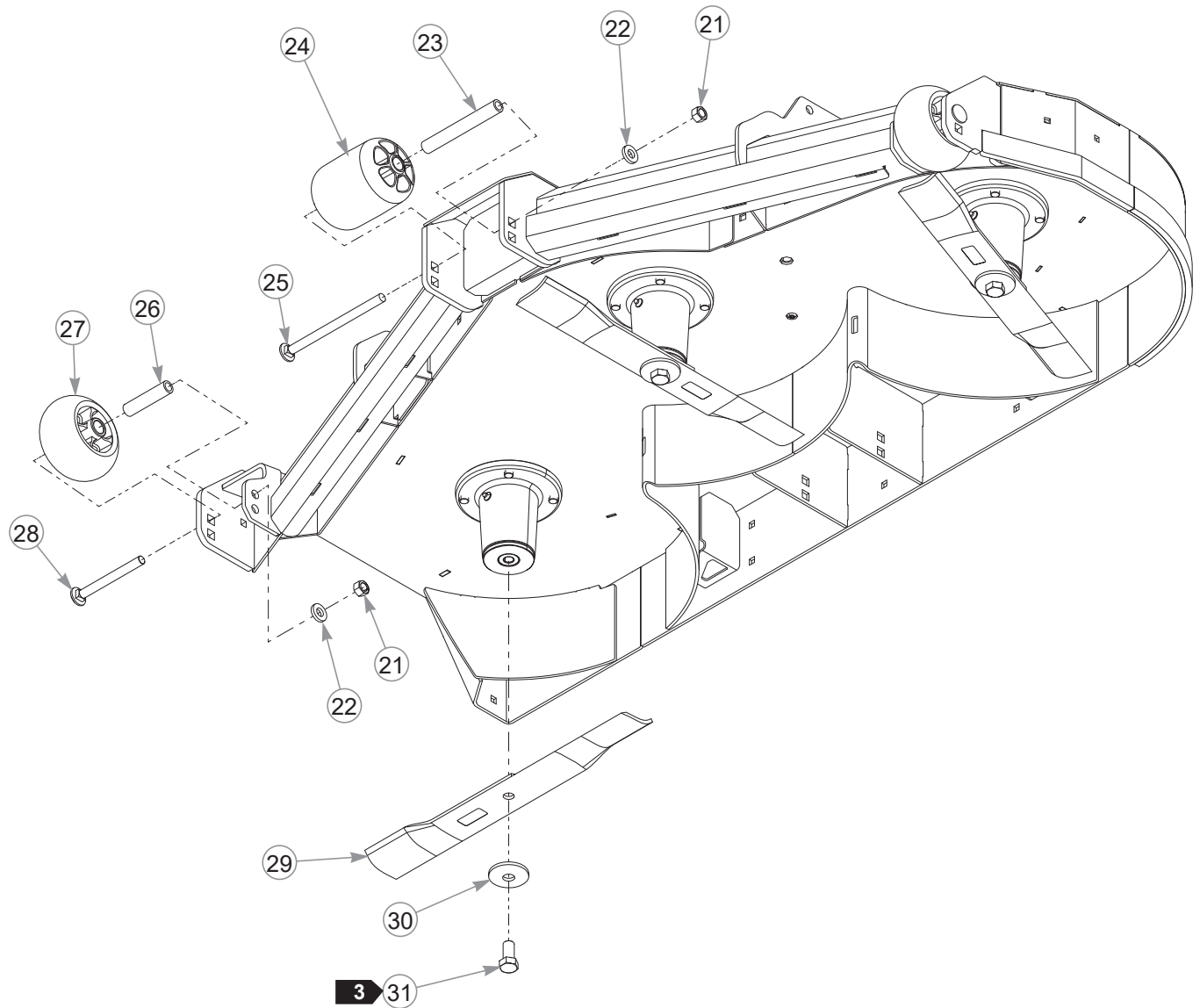
60" Side Discharge Deck

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	124079	1	RS PULLEY COVER
2	792002	4	KNOB 5/16-18 X 3/4"
3	124078	1	LS PULLEY COVER
4	086660	10	NT .375-16 HX G5 NL
5	600929	1	BELT, B 167.3" EL
6	606192	1	TORSION SPRING
7	606166	1	CHUTE SPRING RETAINER
8	605936	1	CHUTE PIN
9	123039	1	DISCHARGE CHUTE BRACKET
10	076422	3	FW .406 X 1.00 X .06 ZNYC
11	605916	1	DISCHARGE CHUTE
12	122148	1	BOTTOM DISCHARGE CHUTE BRACKET
13	025395	9	CB .375-16 X 1.00 G5 ZNY
14	015495	2	GREASE FITTING STRAIGHT
15	767954	6	FW .379 X .813 X .063
16	124086	1	PUSHER
17	605376	1	DECK BUMPER
18	079210	2	FW .344 X 1.00 X .06 ZNYC
19	604251	2	NT .312-18 HX NL JAM G2 ZN
20	016253	2	CB .312-18 X .75 FUL ZN

NOTES:

1. Do not torque; the discharge chute must pivot freely.
2. Torque to 3–6 ft-lbs.

60" Side Discharge Deck



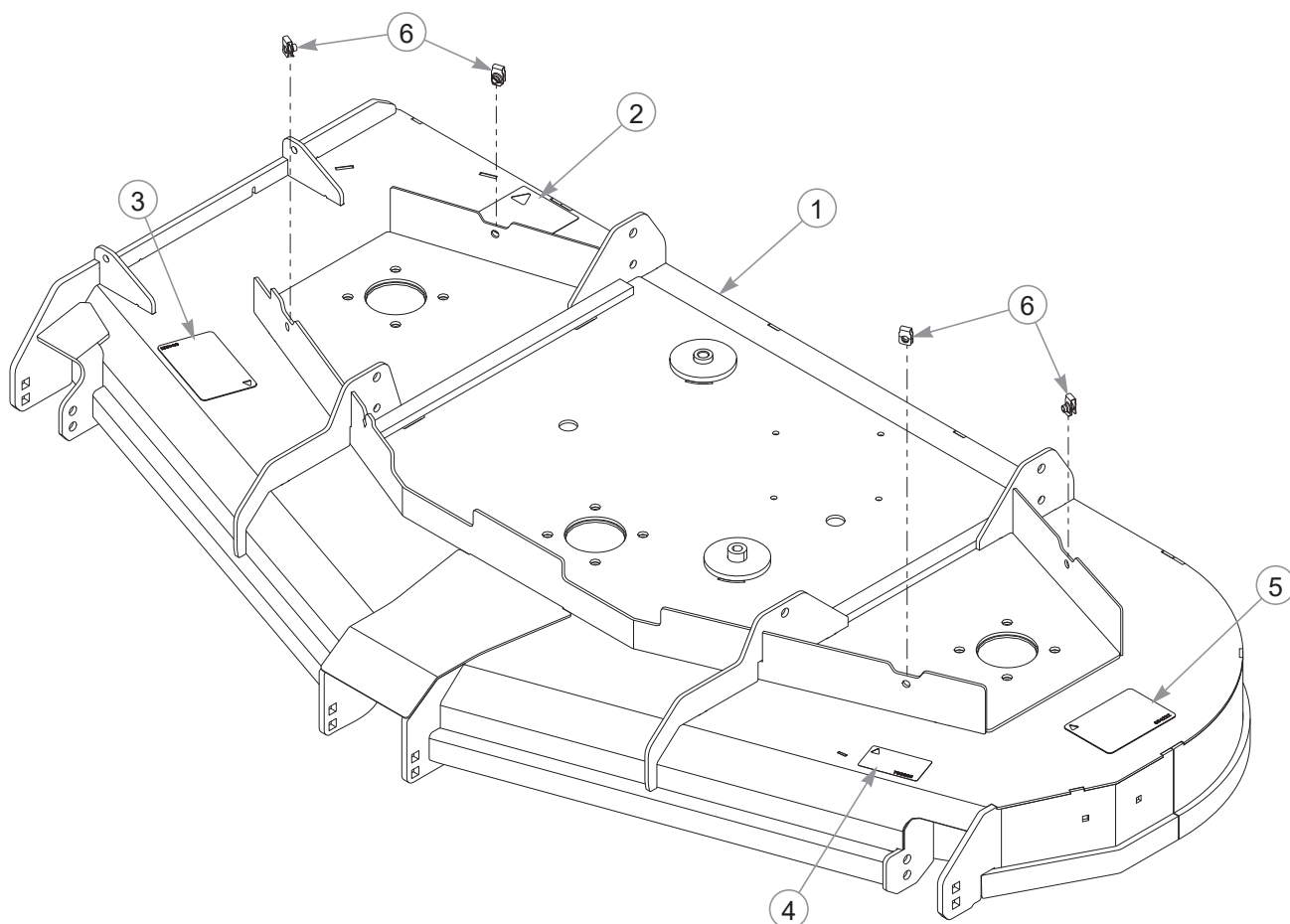
60" Side Discharge Deck

INDEX NO.	PART NO.	QTY.	DESCRIPTION
21	008193	3	NT .500-13 HX G5 ZNYC
22	767962	3	FW .531 X 1.063 X .175
23	602344	1	SPACER 5.73
24	602341	1	PLASTIC WHEEL
25	602338	1	CB .500-13 X 7.50 STD ZN
26	602345	2	SPACER 3.22
27	602263	2	PLASTIC WHEEL
28	603049	2	CB .500-13 X 5.00 ZNYC
29	794685	3	BLADE, F20.50"-H-F-CW
	794214	3	BLADE, 20.50"-MUL-F-CW
30	782474	3	CW .631 X 2.25 X .187 PNT
31	781872	3	CS .625-11 X 1.25 HX G5 Z

NOTES:

3. Torque to 118 ft-lbs.

72" Side Discharge Service Deck



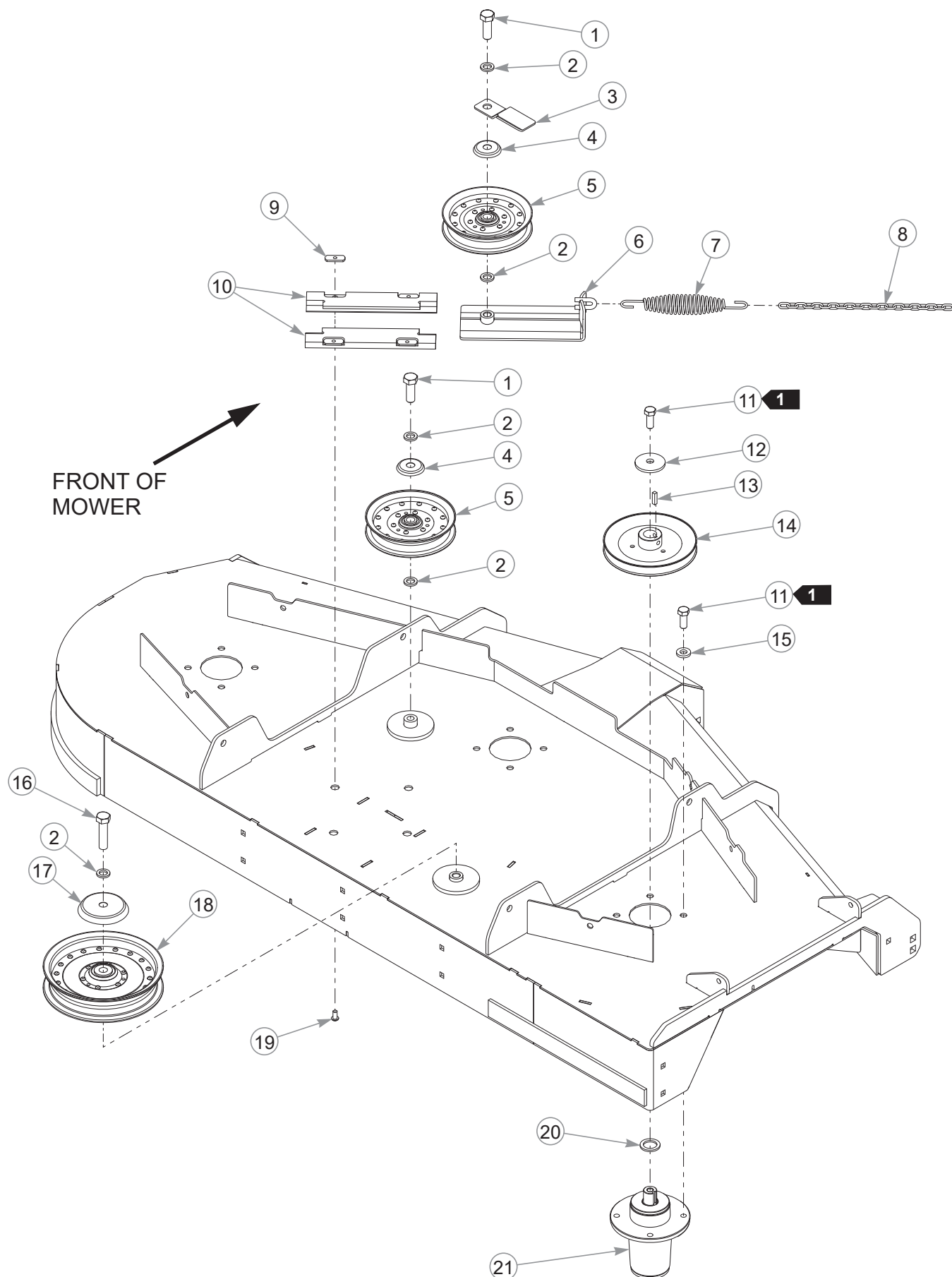
INDEX NO.	PART NO.	QTY	DESCRIPTION
1	553620	1	72" DECK (WITH DECALS)
2	781419	1	BELT ROUTING DECAL
3	604221	1	DANGER/CHUTE DECAL
4	786285	1	72" DECK ID DECAL
5	604222	1	DANGER/OBJECTS DECAL
6	601069	4	CN .312-16 X .20 MAX THK

NOTES:

This page intentionally left blank.

This page intentionally left blank.

72" Side Discharge Deck Pulleys & Spindles



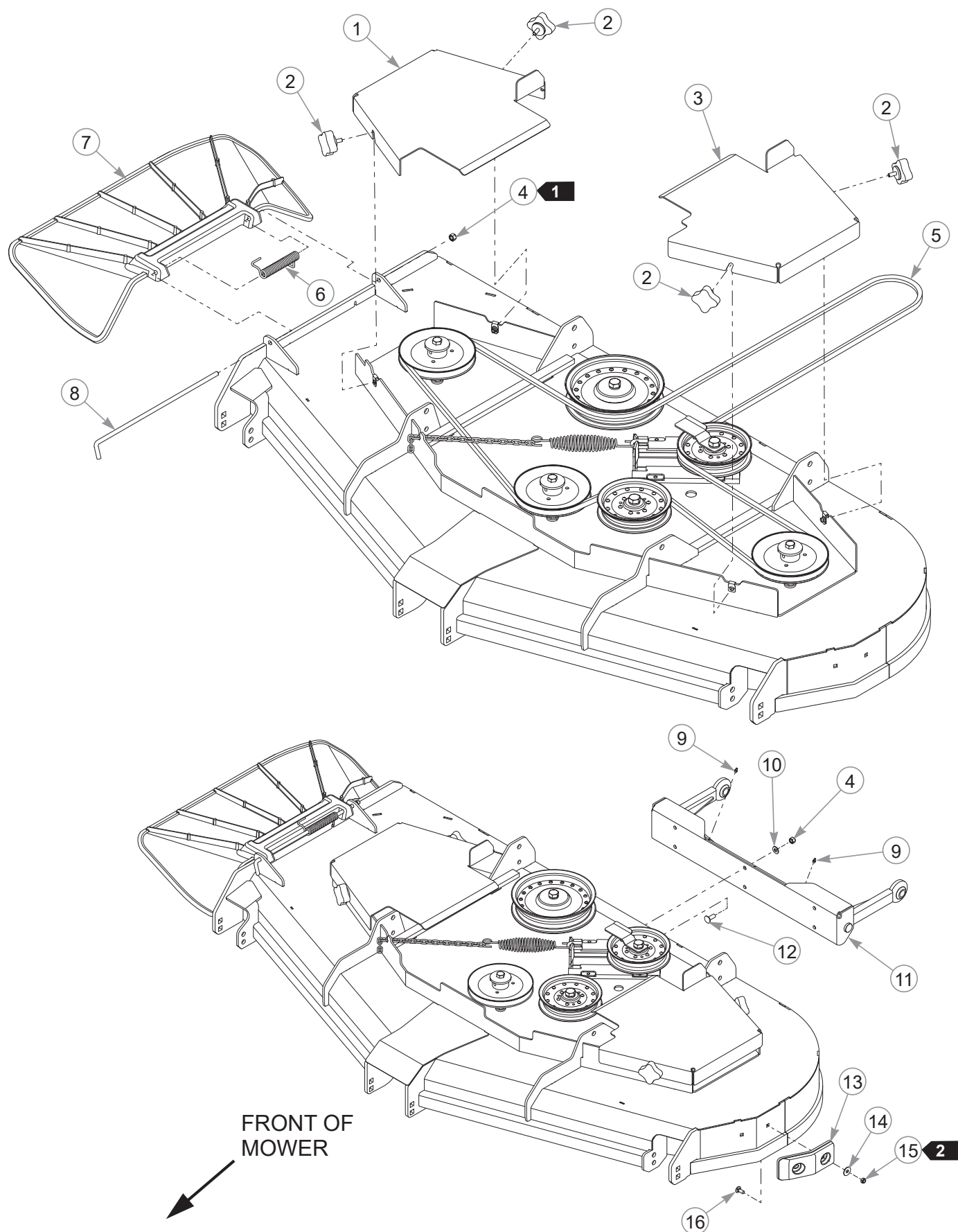
72" Side Discharge Deck Pulleys & Spindles

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	025007	2	CS .625-11 X 1.75 HX G5
2	028118	5	FW .625 X 1.00 X .134
3	606460	1	BELT GUIDE
4	602935	2	IDLER DUST SHIELD SM
5	602821	2	IDLER 6.0" RIVETED
6	350884	1	DECK IDLER SLIDE
7	781302	1	TENSION SPRING
8	373191	1	CHAIN, 21 LINK
9	603023	4	WN .312-18 ZN
10	602936	2	UHMW IDLER SLIDE
11	705954	15	CS .500-13 X 1.25 HX G5
12	752386	3	CW .550 X 2.25 X .305 BLK
13	212472	3	KEY 1/4 SQ X 1.00
14	538850	3	DRIVE PULLEY
15	767962	12	FW .531 X 1.063 X .175
16	025015	1	CS .625-11 X 2.50 HX G5
17	602963	1	IDLER DUST SHIELD LG
18	602838	1	IDLER 8.0" RIVETED
19	603022	4	CS .312-18 X .625 BH ZN
20	045765	3	FW 1.030 X 1.50 X .134
21	604255	3	BLADE SPINDLE CW

NOTES:

1. Torque to 63–73 ft-lbs.

72" Side Discharge Deck



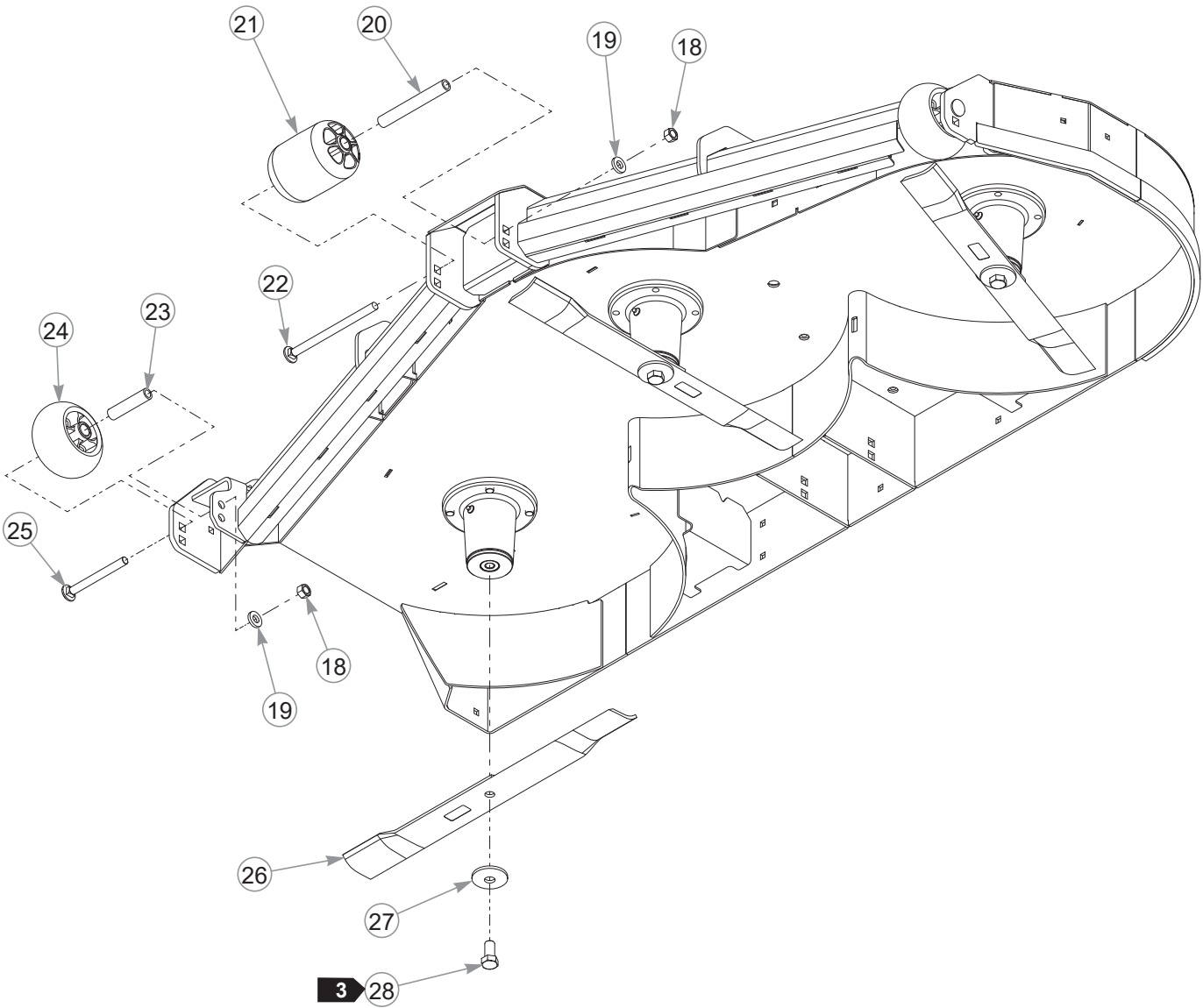
72" Side Discharge Deck

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	124093	1	RS PULLEY COVER
2	792002	4	KNOB 5/16-18 X 3/4"
3	124092	1	LS PULLEY COVER
4	086660	7	NT .375-16 HX G5 NL
5	797936	1	BELT, B 184.79" EL
6	602435	1	TORSION SPRING
7	602891	1	DISCHARGE CHUTE
8	602432	1	CHUTE PIN
9	015495	2	GREASE FITTING STRAIGHT
10	767954	6	FW .379 X .813 X .063
11	124086	1	PUSHER
12	025395	6	CB .375-16 X 1.00 G5 ZNY
13	605376	1	DECK BUMPER
14	079210	2	FW .344 X 1.00 X .06 ZNYC
15	604251	2	NT .312-18 HX NL JAM G2 ZN
16	016253	2	CB .312-18 X .75 FUL ZN

NOTES:

1. Do not torque; the discharge chute must pivot freely.
2. Torque to 3–6 ft-lbs.

72" Side Discharge Deck



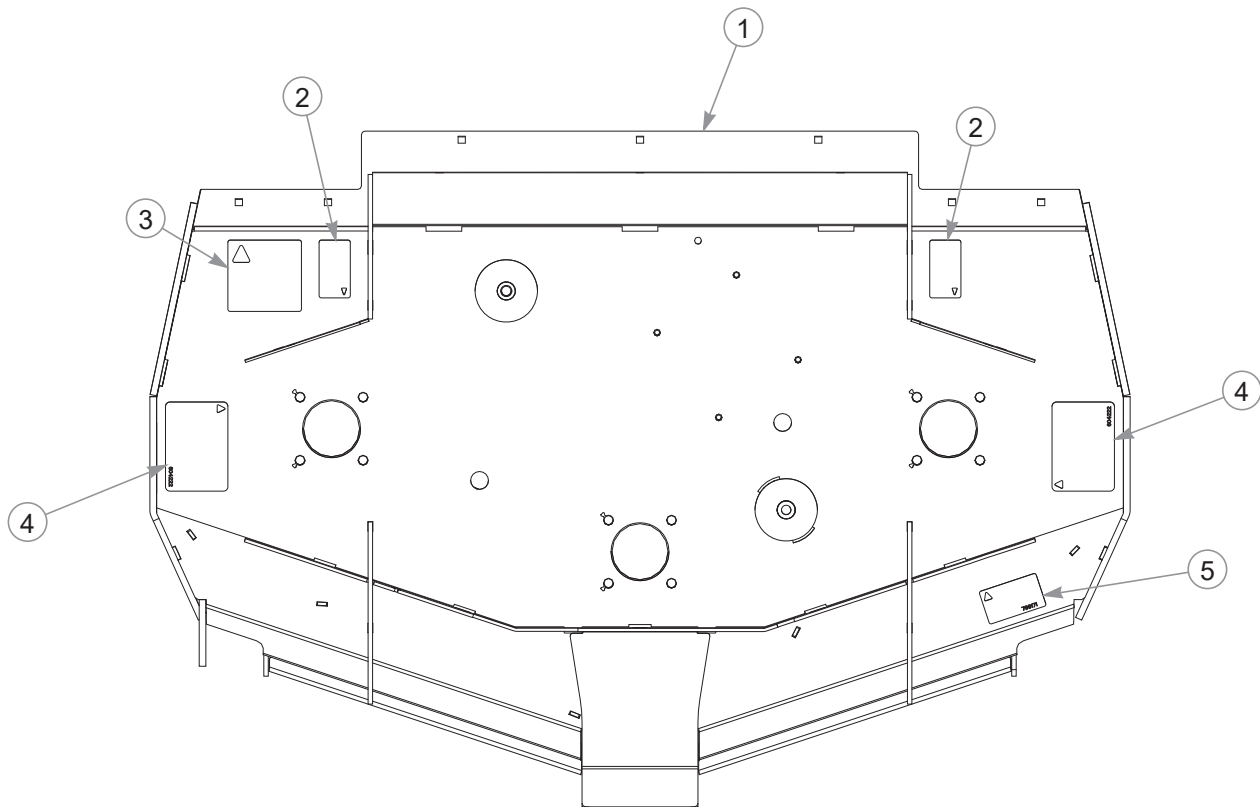
72" Side Discharge Deck

INDEX NO.	PART NO.	QTY.	DESCRIPTION
18	008193	3	NT .500-13 HX G5 ZNYC
19	767962	3	FW .531 X 1.063 X .175
20	602344	1	SPACER 5.73
21	602341	1	PLASTIC WHEEL
22	602338	1	CB .500-13 X 7.50 STD ZN
23	602345	2	SPACER 3.22
24	602263	2	PLASTIC WHEEL
25	603049	2	CB .500-13 X 5.00 ZNYC
26	795260	3	BLADE, F23.86"-H-F-CW
	793398	3	BLADE, 23.86"-MUL-F-CW
27	782474	3	CW .631 X 2.25 X .187 PNT
28	781872	3	CS .625-11 X 1.25 HX G5 Z

NOTES:

3. Torque to 118 ft-lbs.

54" Rear Discharge Service Deck

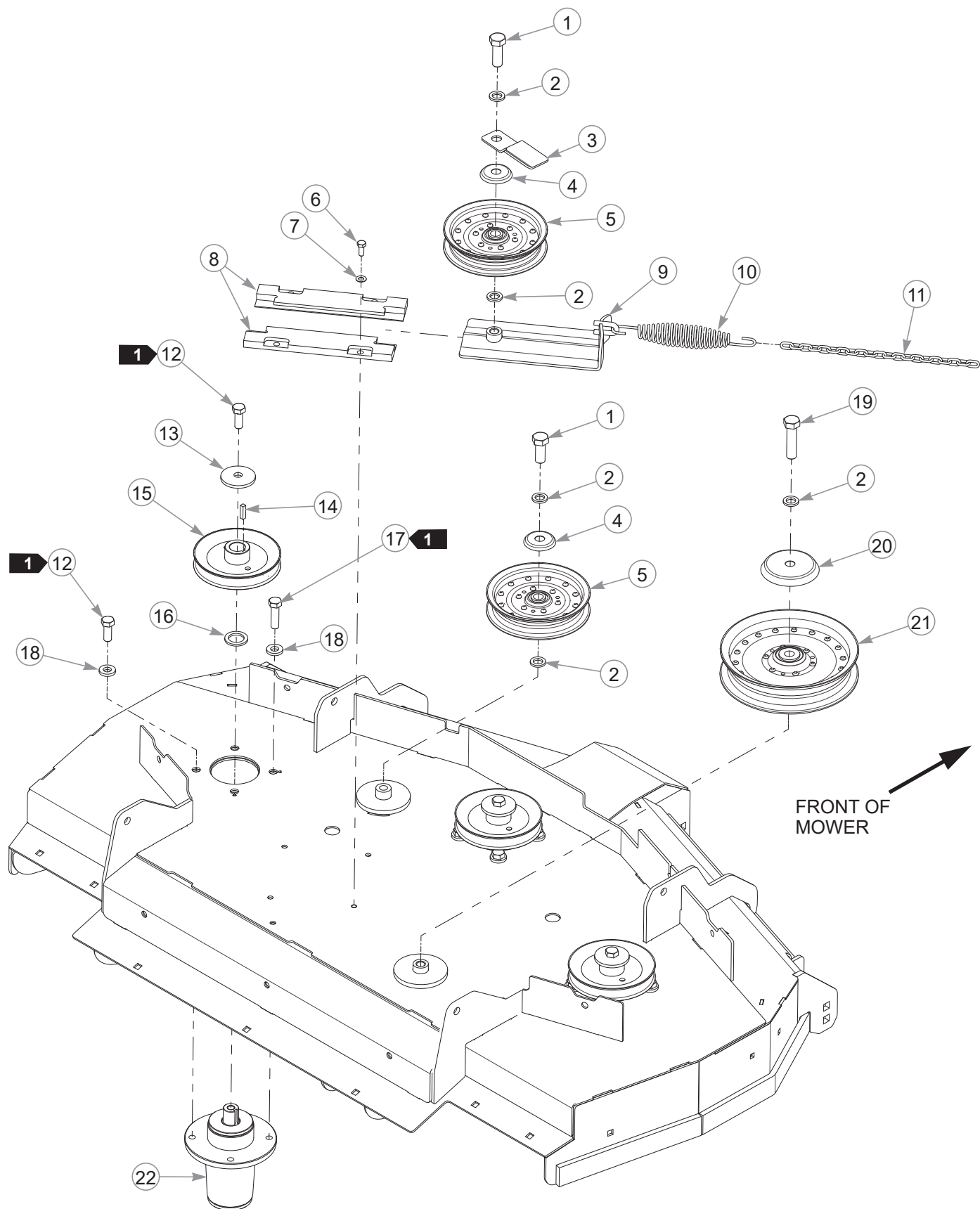


INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	553731	1	54" DECK (WITH DECALS)
2	603391	2	RUBBER FLAP DECAL
3	781419	1	BELT ROUTING DECAL
4	604222	2	DANGER/OBJECTS DECAL
5	799171	1	54" DECK ID DECAL

NOTES:

This page intentionally left blank.

54" Rear Discharge Deck Pulleys & Spindles



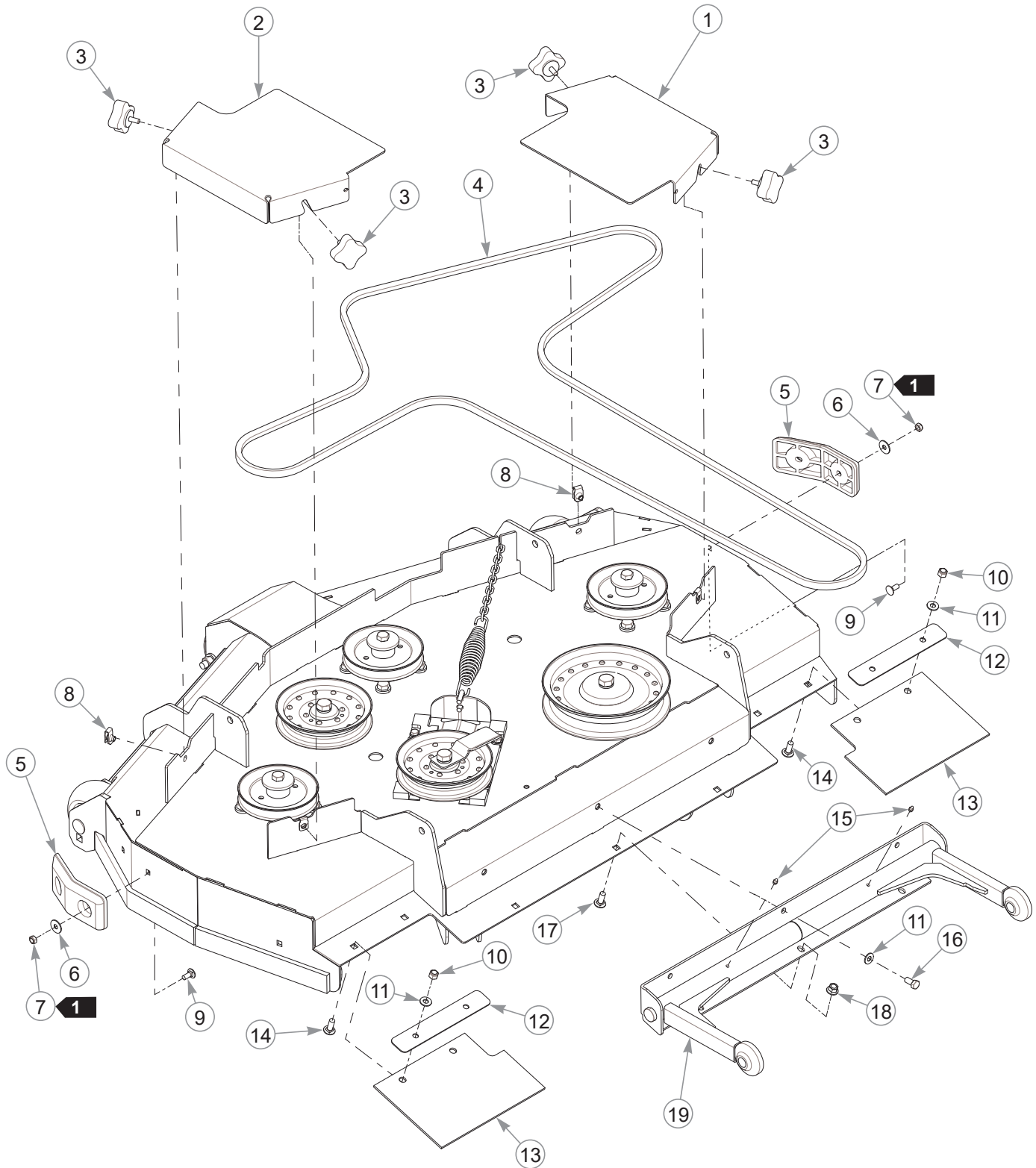
54" Rear Discharge Deck Pulleys & Spindles

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	025007	2	CS .625-11 X 1.75 HX G5
2	028118	5	FW .625 X 1.00 X .134
3	606460	1	BELT GUIDE
4	602935	2	IDLER DUST SHIELD SM
5	602821	2	IDLER 6.0" RIVETED
6	034280	4	CS .312-18 X .75 HX G5
7	604252	4	FW .340 X .675 X .035 ZN
8	602936	2	UHMW IDLER SLIDE
9	350884	1	DECK IDLER SLIDE
10	781302	1	TENSION SPRING
11	373191	1	CHAIN, 21 LINK
12	705954	9	CS .500-13 X 1.25 HX G5
13	752386	3	CW .550 X 2.25 X .305 BLK
14	212472	3	KEY 1/4 SQ X 1.00
15	798967	3	DECK DRIVE PULLEY
16	045765	3	FW 1.030 X 1.50 X .134
17	017616	6	CS .500-13 X 1.75 HX G5
18	767962	12	FW .531 X 1.063 X .175
19	025015	1	CS .625-11 X 2.50 HX G5
20	602963	1	IDLER DUST SHIELD LG
21	602838	1	IDLER 8.0" RIVETED
22	604255	3	BLADE SPINDLE CW

NOTES:

1. Torque to 63-73 ft-lbs.

54" Rear Discharge Deck



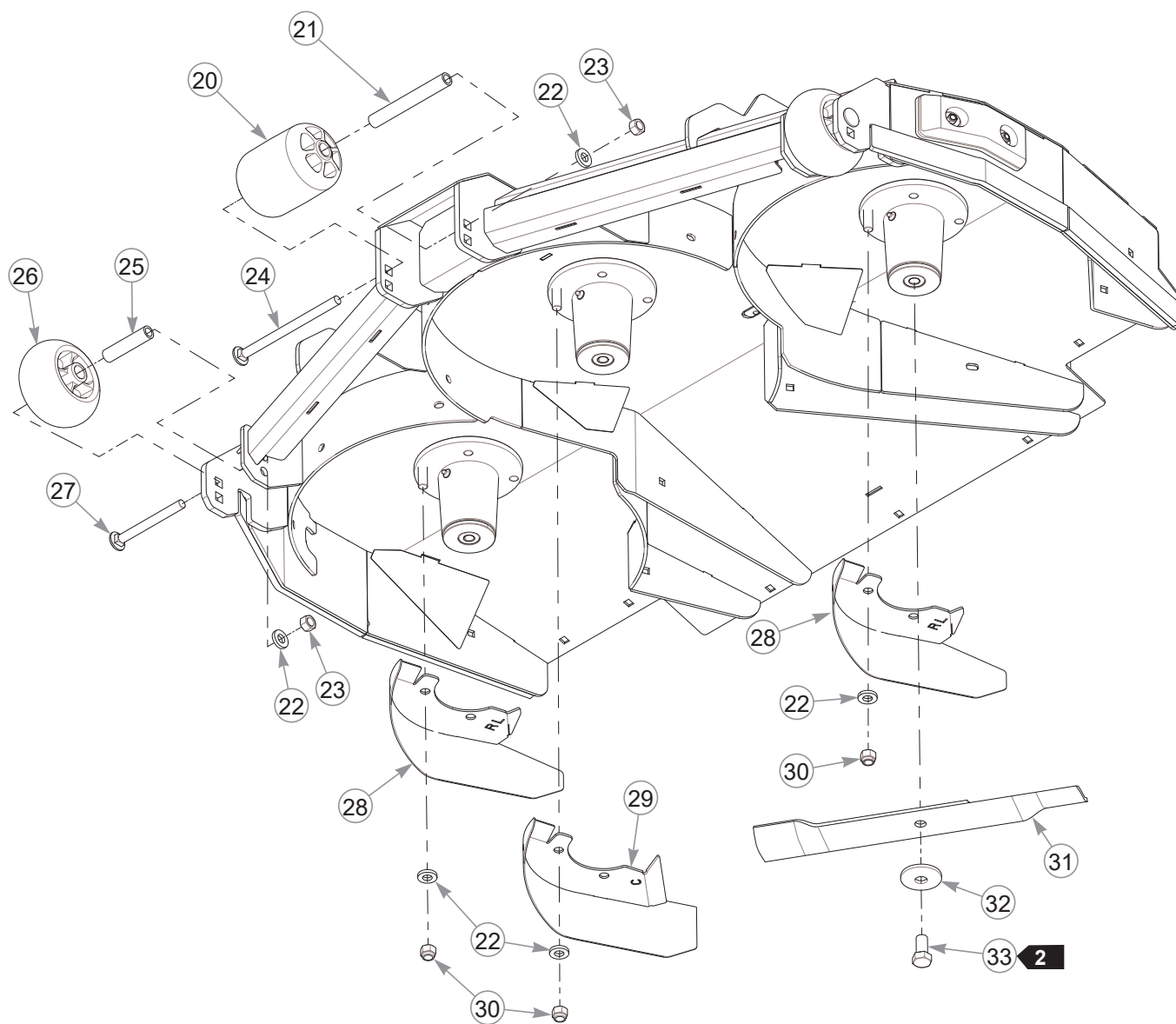
54" Rear Discharge Deck

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	123531	1	RS PULLEY COVER
2	123532	1	LS PULLEY COVER
3	792002	4	KNOB 5/16-18 X 3/4"
4	605510	1	BELT B 158.5 EL
5	605376	2	DECK BUMPER
6	079210	4	FW .344 X 1.00 X .06 ZNYC
7	604251	4	NT .312-18 HX NL JAM G2 ZN
8	601069	4	CN .312-18 X .20 MAX THK
9	016253	4	CB .312-18 X .75 FUL ZN
10	086660	4	NT .375-16 G5 NL
11	767954	7	FW .379 X .813 X .063
12	123534	2	CLAMP
13	606598	2	RUBBER FLAP
14	025395	4	CB .375-16 X 1.00 G5 ZNY
15	015495	2	GREASE FITTING STRAIGHT
16	055822	3	CS .375-16 X .75 HX G5
17	011320	3	CB .375-16 X .75 STD ZN
18	016899	3	NT .375-16 FLK G5
19	123396	1	PUSHER

NOTES:

1. Torque to 3–6 ft-lbs.

54" Rear Discharge Deck



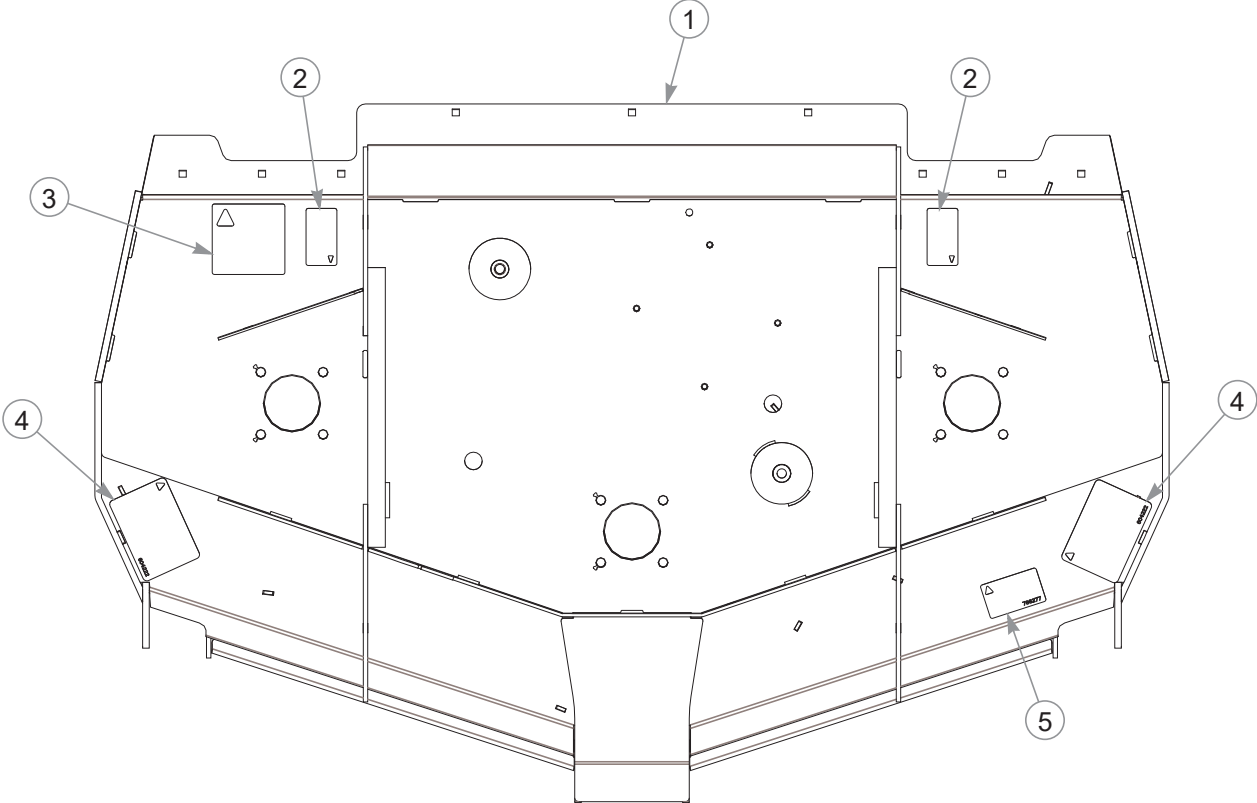
54" Rear Discharge Deck

INDEX NO.	PART NO.	QTY.	DESCRIPTION
20	602341	1	PLASTIC WHEEL
21	602344	1	SPACER 5.73
22	767962	9	FW .531 X 1.063 X .175
23	008193	3	NT .500-13 HX G5 ZNYC
24	602338	1	CB .500-13 X 7.50 STD ZN
25	602345	2	SPACER 3.22
26	602263	2	PLASTIC WHEEL
27	603049	2	CB .500-13 X 5.00 ZNYC
28	123512	2	CUT-OFF
29	123513	1	MIDDLE CUT-OFF
30	781567	6	NT .500-13 NL
31	601124	3	BLADE, 18.50"-L-F-CW
	797704	3	BLADE, 18.50"-MUL-F-CW
	797712	3	BLADE, 18.50"-GAT-F-CW
32	782474	3	CW .631 X 2.25 X .187
33	781872	3	CS .625-11 X 1.25 HX G5

NOTES:

2. Torque to 118 ft-lbs.

60" Rear Discharge Service Deck

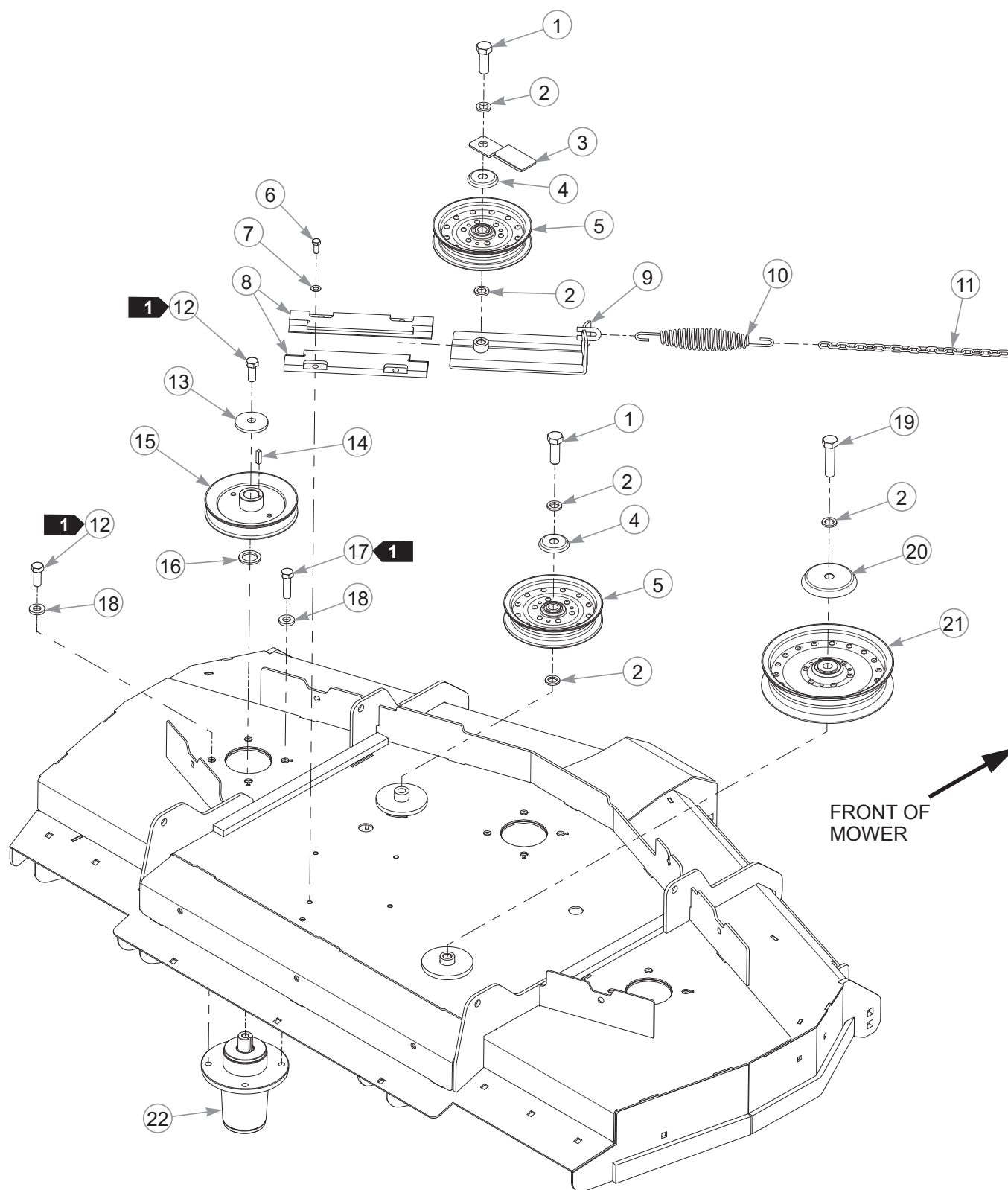


INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	553684	1	60" DECK (WITH DECALS)
2	603391	2	RUBBER FLAP DECAL
3	781419	1	BELT ROUTING DECAL
4	604222	2	DANGER/OBJECTS DECAL
5	786277	1	60" DECK ID DECAL

NOTES:

This page intentionally left blank.

60" Rear Discharge Deck Pulleys & Spindles



60" Rear Discharge Deck Pulleys & Spindles

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	025007	2	CS .625-11 X 1.75 HX G5
2	028118	5	FW .625 X 1.00 X .134
3	606460	1	BELT GUIDE
4	602935	2	IDLER DUST SHIELD SM
5	602821	2	IDLER 6.0" RIVETED
6	034280	4	CS .312-18 X .75 HX G5
7	604252	4	FW .340 X .675 X .035 ZN
8	602936	2	UHMW IDLER SLIDE
9	350884	1	DECK IDLER SLIDE
10	781302	1	TENSION SPRING
11	373191	1	CHAIN, 21 LINK
12	705954	9	CS .500-13 X 1.25 HX G5
13	752386	3	CW .550 X 2.25 X .305 BLK
14	212472	3	KEY 1/4 SQ X 1.00
15	770842	3	DECK DRIVE PULLEY
16	045765	3	FW 1.030 X 1.50 X .134
17	017616	6	CS .500-13 X 1.75 HX G5
18	767962	12	FW .531 X 1.063 X .175
19	025015	1	CS .625-11 X 2.50 HX G5
20	602963	1	IDLER DUST SHIELD LG
21	602838	1	IDLER 8.0" RIVETED
22	604255	3	BLADE SPINDLE CW

1. Torque to 63-73 ft-lbs.

This exploded view diagram illustrates the components of a garage door opener system, numbered 1 through 19. The main assembly includes a motor unit (1) with a mounting bracket (2) and a chain drive mechanism (4) connected to a trolley (5). The trolley is mounted on a rail (6) which is supported by a bracket (7). The rail is connected to a door bracket (8) which is attached to the door (9). The door is supported by rollers (10) and a spring (11). The door is also connected to a cable (12) which is attached to a bracket (13). The bracket (13) is connected to a cable (14) which is attached to a bracket (15). The bracket (15) is connected to a cable (16) which is attached to a bracket (17). The bracket (17) is connected to a cable (18) which is attached to a bracket (19). The diagram shows the relationship between these components and how they are assembled.

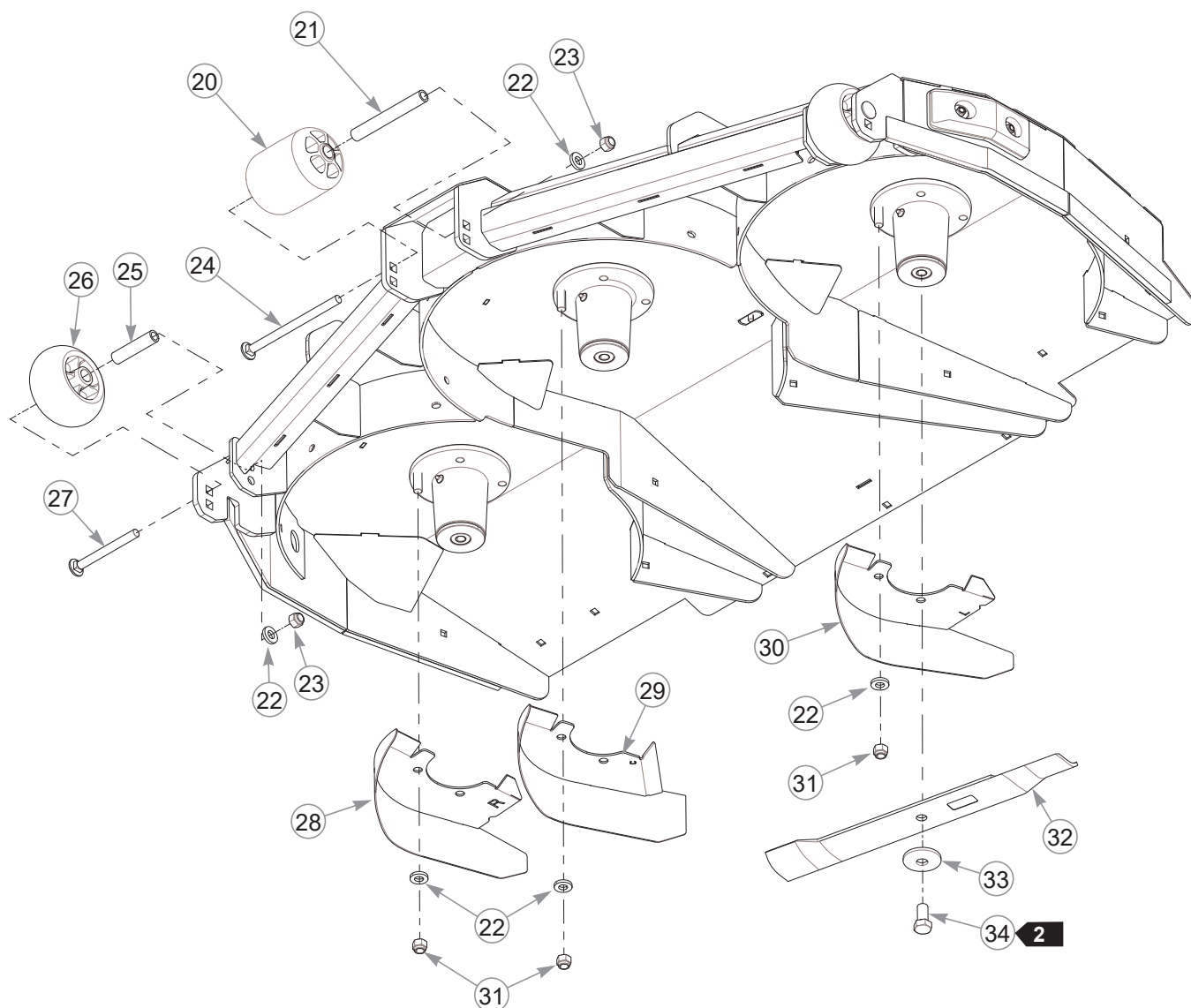
60" Rear Discharge Deck

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	123395	1	RS PULLEY COVER
2	123394	1	LS PULLEY COVER
3	792002	4	KNOB 5/16-18 X 3/4"
4	604494	1	BELT, B SEC 172.00" EL
5	605376	2	DECK BUMPER
6	079210	4	FW .344 X 1.00 X .06 ZNYC
7	604251	4	NT .312-18 HX NL JAM G2 ZN
8	601069	4	CN .312-18 X .20 MAX THK
9	016253	4	CB .312-18 X .75 FUL ZN
10	086660	6	NT .375-16 G5 NL
11	767954	9	FW .379 X .813 X .063
12	123508	2	CLAMP
13	606505	2	RUBBER FLAP
14	025395	6	CB .375-16 X 1.00 G5 ZNY
15	015495	2	GREASE FITTING STRAIGHT
16	011320	3	CB .375-16 X .75 STD ZN
17	055822	3	CS .375-16 X .75 HX G5
18	016899	3	NT .375-16 HX FLK G5
19	123396	1	PUSHER

NOTES:

1. Torque to 3–6 ft-lbs.

60" Rear Discharge Deck

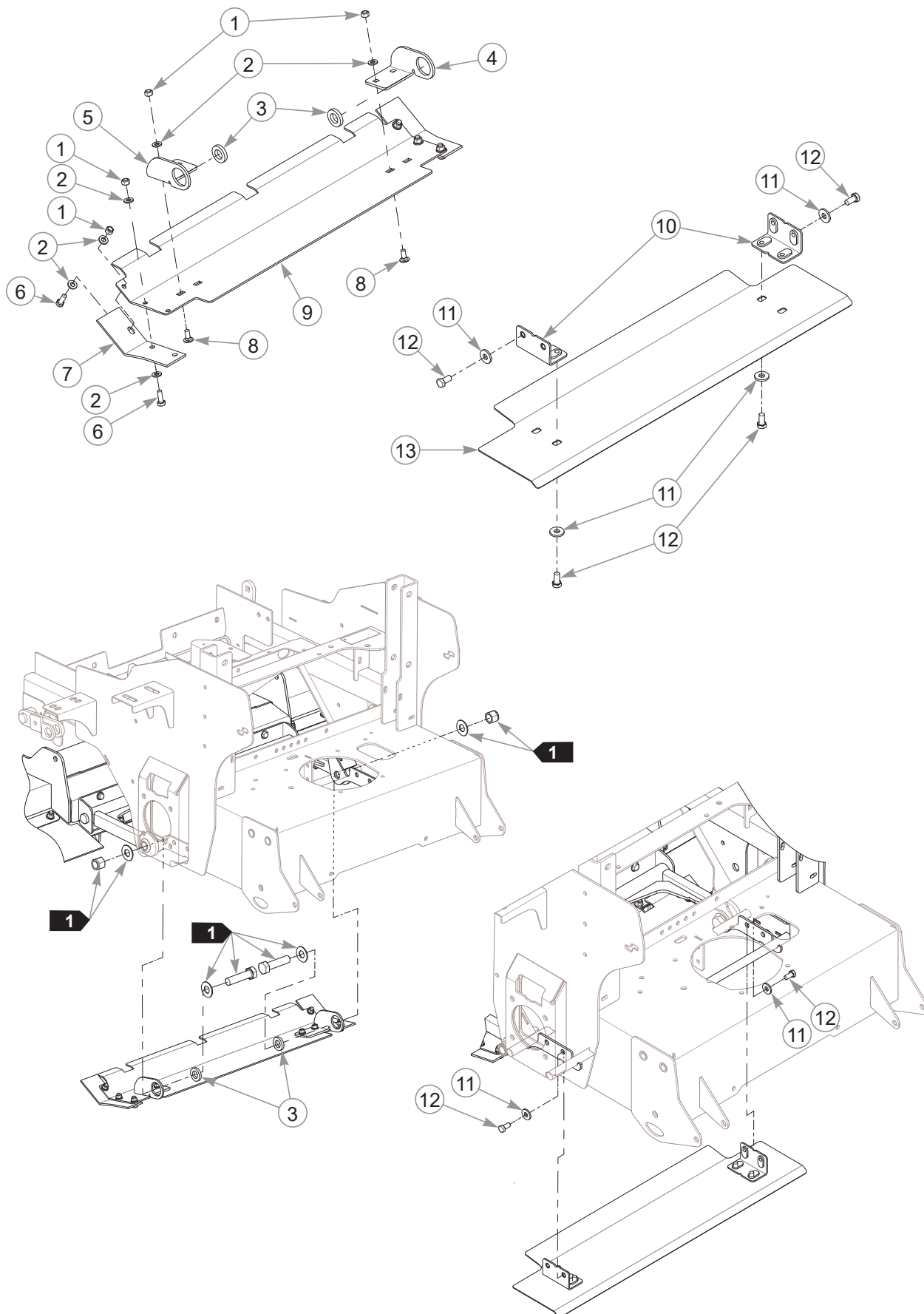


60" Rear Discharge Deck

INDEX NO.	PART NO.	QTY.	DESCRIPTION
20	602341	1	PLASTIC WHEEL
21	602344	1	SPACER 5.73
22	767962	9	FW .531 X 1.063 X .175
23	008193	3	NT. 500-13 HX G5
24	602338	1	CB .500-13 X 7.50 STD ZN
25	602345	2	SPACER 3.22
26	602263	2	PLASTIC WHEEL
27	603049	2	CB .500-13 X 5.00 ZNYC
28	123510	1	RS CUT-OFF
29	123509	1	MIDDLE CUT-OFF
30	123511	1	LS CUT-OFF
31	781567	6	NT .500-13 NL
32	600901	3	BLADE, F20.50"-L-F-CW
	794214	3	BLADE, 20.5"-MUL-F-CW
	794230	3	BLADE, 20.5"-GAT-F-CW
33	782474	3	CW .631 X 2.25 X .187
34	781872	3	CS .625-11 X 1.25 HX G5

NOTES:

2. Torque to 118 ft-lbs.



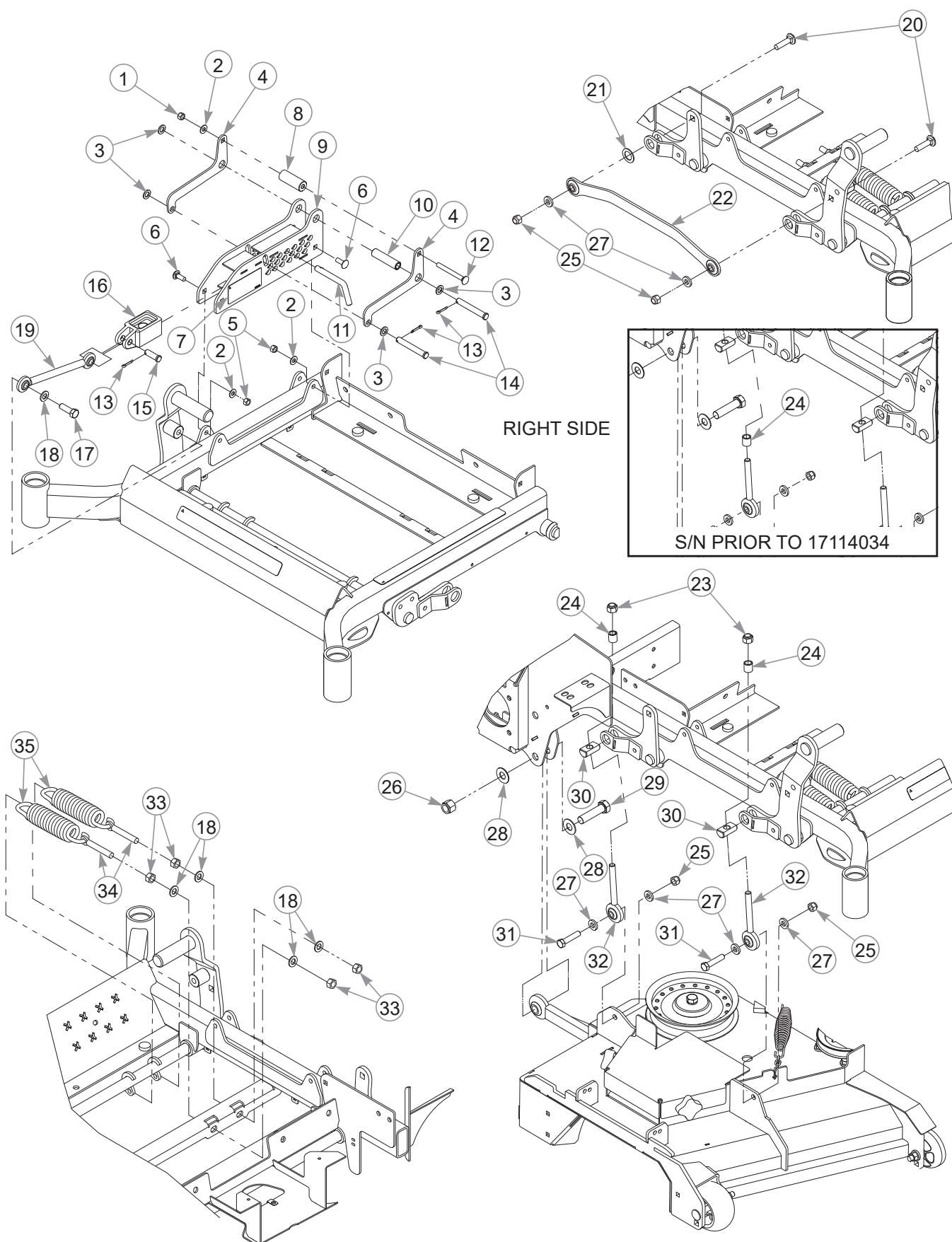
54"/60" Rear Discharge Deck Dust Shield

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	058776	10	NT .312-18 HX G5 ZY NL
2	768523	16	FW .343 X .687 X .051/.080H
3	778399	2	FW .781 X 1.375 X .250 ZNY
4	123525	1	RS CHUTE BRACKET
5	123526	1	LS CHUTE BRACKET
6	064014	6	CS .312-18 X .875 HX G5
7	606614	2	RUBBER FLAP
8	016253	4	CB .312-18 X .75 FUL ZN
9	123528	1	FRONT REAR SHIELD
10	123530	2	REAR SHIELD SUPPORT
11	712919	8	FW .406 X 1.00 X .12 HRD Z
12	055822	8	CS .375-16 X .75 HX G5
13	123529	1	BACK REAR SHIELD

NOTES:

1. Part of the Deck Lift Assembly.

Deck Lift

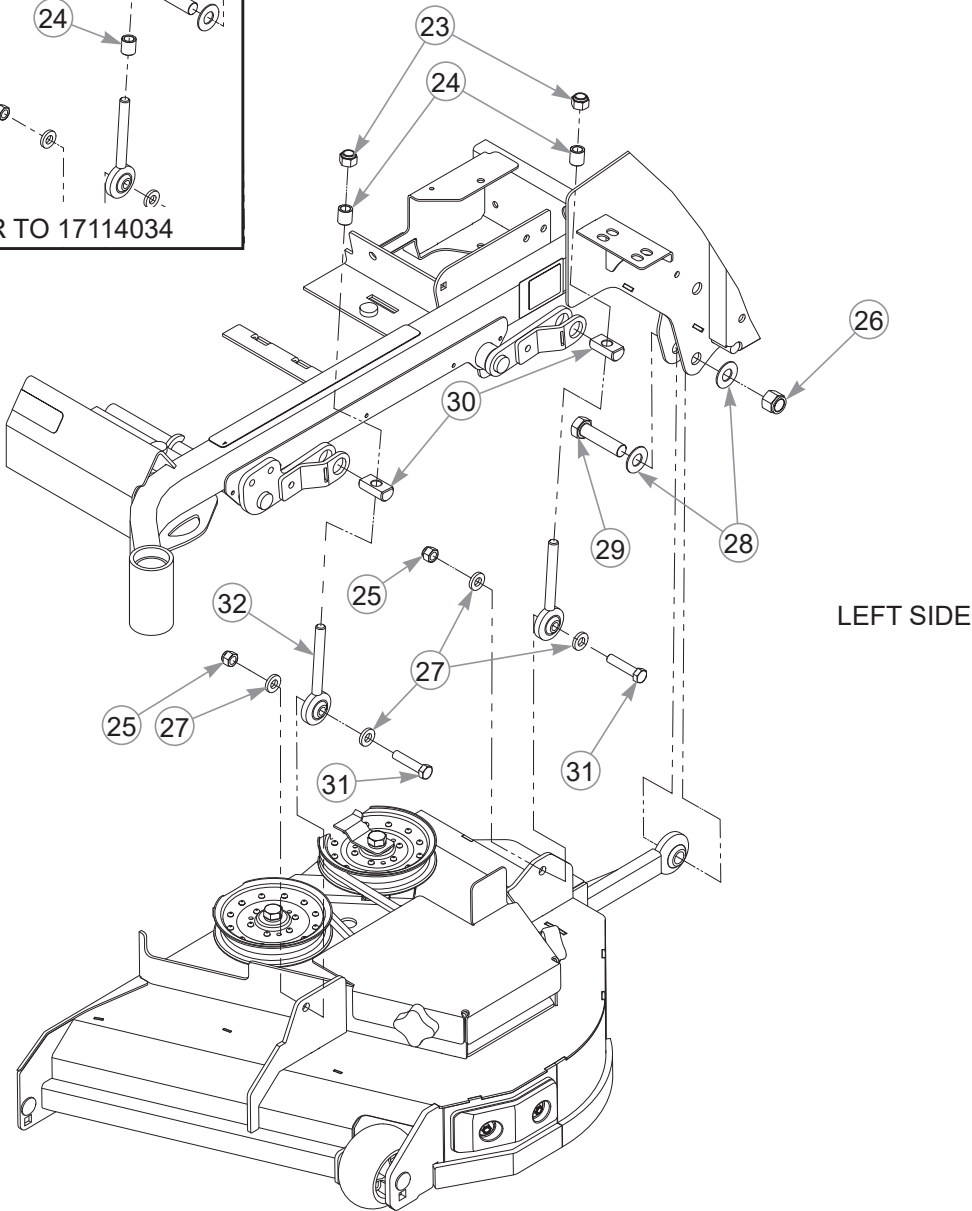
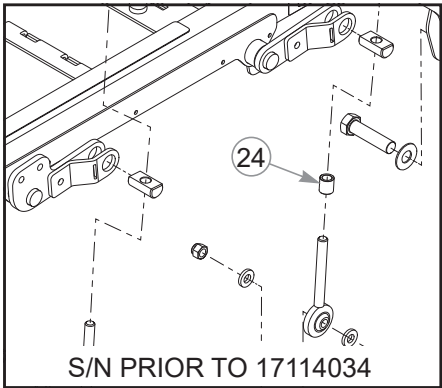


Deck Lift

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	086660	1	NT .375-16 G5 NL
2	767954	5	FW .379 X .813 X .063
3	718288	4	FW .516 X .875 X .09 ZNYC
4	122993	2	LATCH ARM
5	054502	4	NT .375-16 HX G5
6	025395	4	CB .375-16 X 1.00 G5 ZNY
7	606452	1	DECK HEIGHT DECAL
8	117489	1	LATCH SPACER
9	553841	1	CUT HEIGHT INDICATOR (WITH DECAL)
10	604075	1	SPACER
11	604076	1	DECK HEIGHT STOP PIN
12	041848	1	CB .375-16 X 3.500 FUL Z
13	017251	3	CP .156D X 1.00 LG HML Z
14	025965	2	CE .500 X 3.50 .156 X 3.34
15	068056	1	CE .500 X 1.50 .150 X 1.32
16	604069	1	DECK LIFT SLIDER
17	074252	1	CS .500-13 X 1.50 HX G5
18	004168	5	FW .500 X 1.06 X .090 SAE
19	122994	1	DECK HEIGHT LINK
20	604253	2	CB .50-13 X 2.00 STD ZN
21	122996	1	LINK SPACER
22	122987	1	DECK LIFT LINK
23	606316	4	NT .563-18 NLGC
24	606292	4	DECK LEVEL SPACER (S/N 17114034 & HIGHER)
	606292	6	DECK LEVEL SPACER (S/N PRIOR TO 17114034)
25	781567	6	NT .500-13 NL
26	061101	2	NT .750-10 HX ZY NL
27	767962	10	FW .531 X 1.063 X .175
28	025296	4	FW .760 X 1.625 X .08
29	789115	2	CS .750-10 X 3.50 HX G5
30	606291	4	DECK LEVEL PIVOT
31	761544	4	CS .500-13 X 2.25 HX G8
32	606290	4	DECK LEVEL ROD END
33	008193	4	NT .500-13 HX G5 ZNYC
34	606478	2	EB .500-13 X 3.00 FUL THD
35	606454	2	SPRING

NOTES:

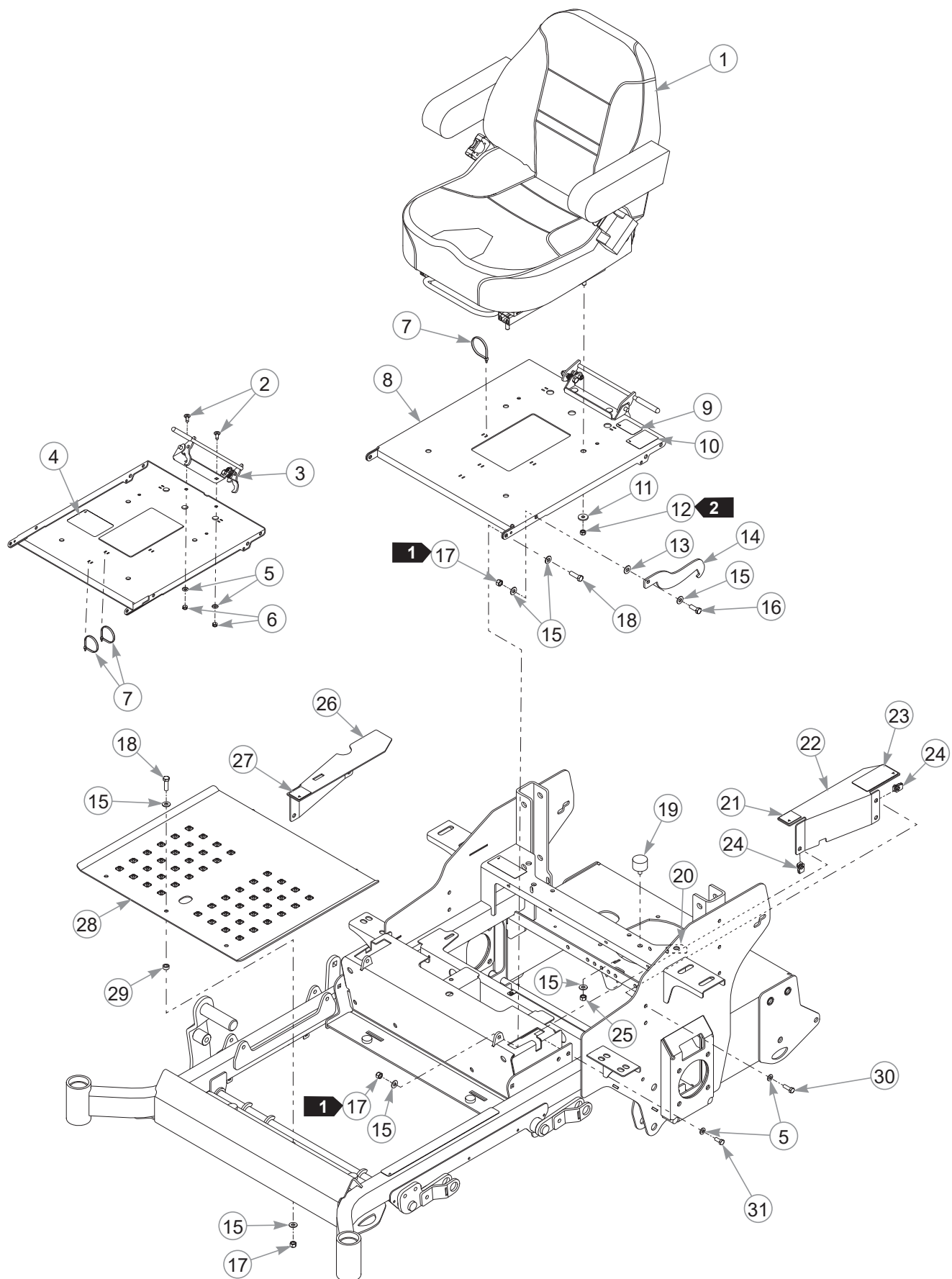
Deck Lift



Section 8

Seat	8-2
Seat Service Parts	8-4
ROPS	8-6

Seat



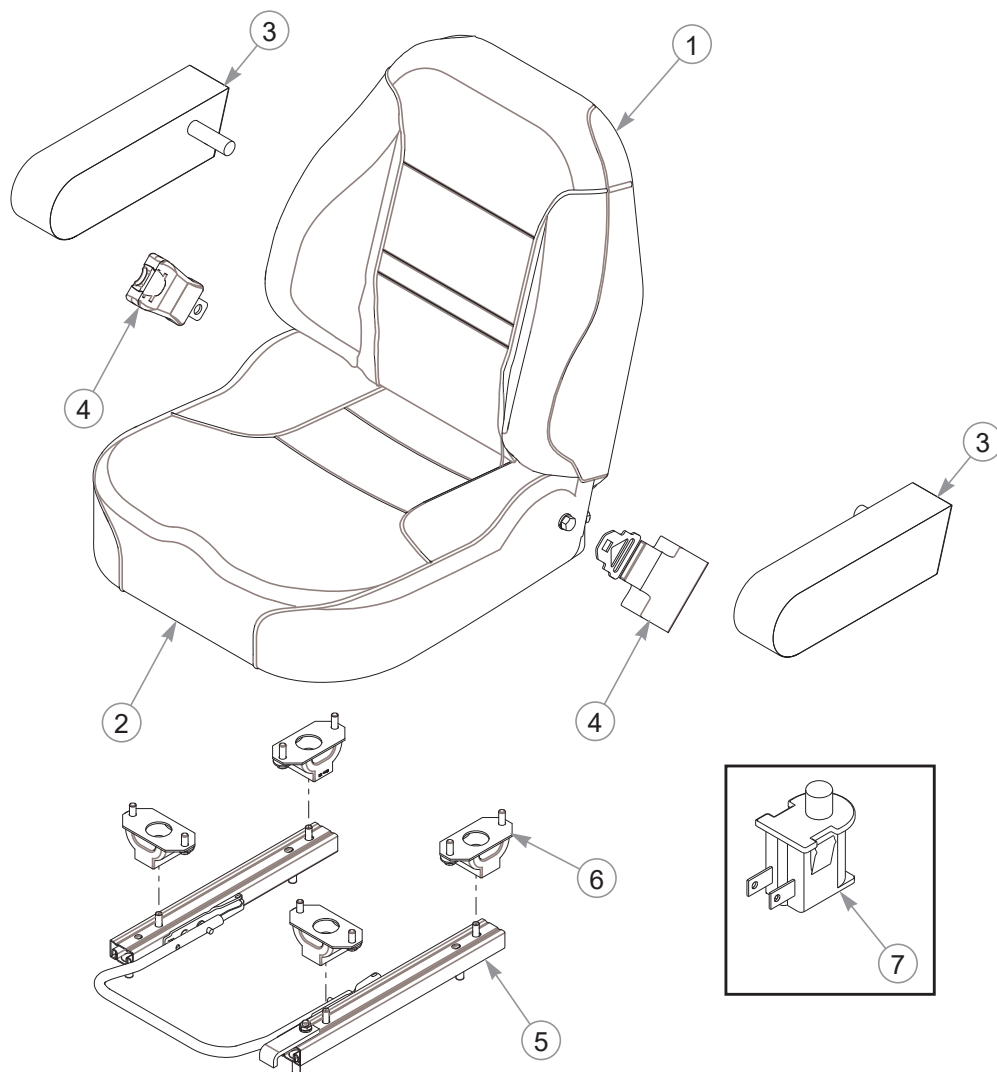
Seat

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	606474	1	SEAT
2	016253	2	CB .312-18 X .75 FUL ZN
3	605907	1	LATCH ASSEMBLY
4	601815	1	BATTERY WARNINGS DECAL
5	768523	7	FW .343 X .687 X .051/.080H
6	034272	2	NT .312-18 HX G5
7	000331	3	WIRE TIE
8	550815	1	SEAT PAN (WITH DECALS & INSTALLATION KIT)
9	605688	1	LEVEL FUEL FILL DECAL
10	785188	1	ARMREST WARNING DECAL
11	712927	4	FW .344 X 1.00 X .12 HRD Z
12	058776	4	NT .312-18 HX G5 ZY NL
13	724716	2	FIBER WASHER
14	350421	1	SEAT PAN STOP
15	767954	10	FW .379 X .813 X .063
16	036244	1	CS .375-16 X 1.00 HX G5
17	086660	4	NT .375-16 G5 NL
18	052860	3	CS .375-16 X 1.25 HX G5
19	601650	2	VIBRATION MOUNT
20	791848	1	FUEL INDICATOR DECAL
21	785139	1	LS STEERING DECAL
22	550823	1	LS FRAME COVER (WITH DECALS)
23	600899	1	PUMP BELT WARNING DECAL
24	601069	5	CN .312-18 X .20 MAX THK
25	054502	2	NT .375-16 HX G5
26	550824	1	RS FRAME COVER (WITH DECAL)
27	785220	1	RS STEERING DECAL
28	606482	1	FLOOR PAN
29	118900	1	DECK LIFT LINK SPACER
30	036236	3	CS .312-18 X 1.00 HX G5
31	034280	2	CS .312-18 X .75 HX G5

NOTES:

1. Do not torque; the seat pan and seat pan stop must pivot freely.
2. Torque to 17 ft-lbs.

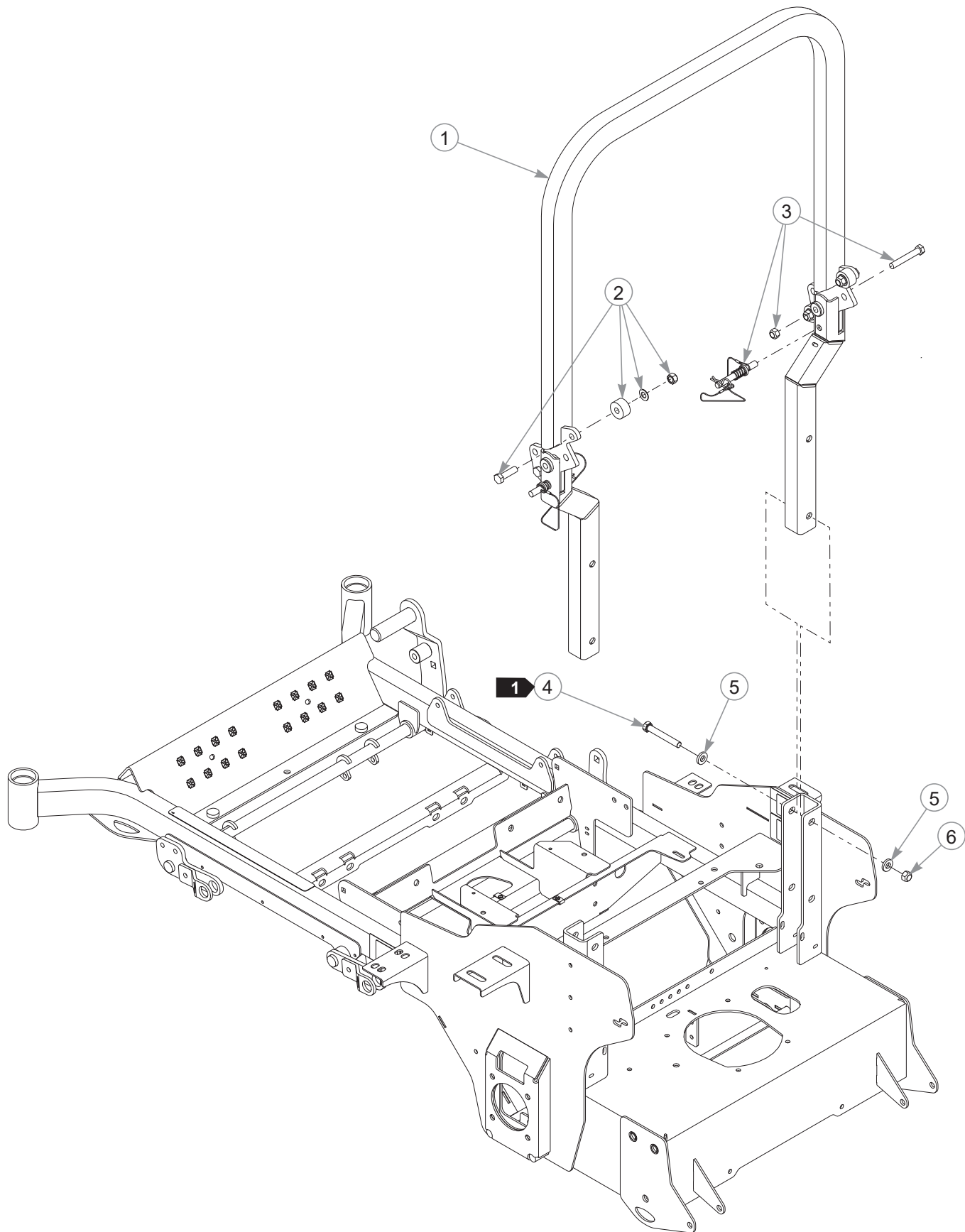
Seat Service Parts



INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	606572	1	SEAT BACK COVER
2	606571	1	SEAT BOTTOM COVER
3	605615	1	ARM REST (PAIR)
4	604945	1	SEAT BELT (SET)
5	606570	1	SLIDE
6	606569	4	ISO MOUNT
7	793315	1	SEAT SWITCH

NOTES:

This page intentionally left blank.



ROPS

INDEX NO.	PART NO.	QTY.	DESCRIPTION
1	605369	1	ROPS KIT
2	605731	2	POLY STOP KIT
3	605638	1	ROPS HARDWARE KIT
4	061812	4	CS .500-13 X 3.50 HX G5
5	767962	8	FW .531 X 1.063 X .175
6	023317	4	NT .500-13 UNT LK G8 ZN

NOTES:

1. Torque to 73 ft-lbs.

