

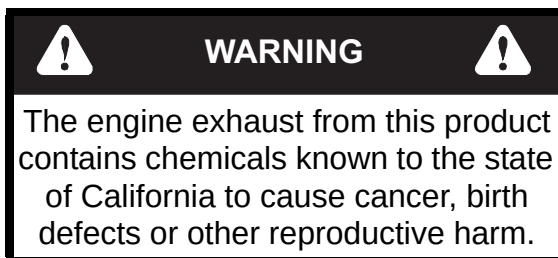
Hustler® Parts Manual



200 South Ridge Road

Hesston, Kansas

67062



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.

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General Information

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.

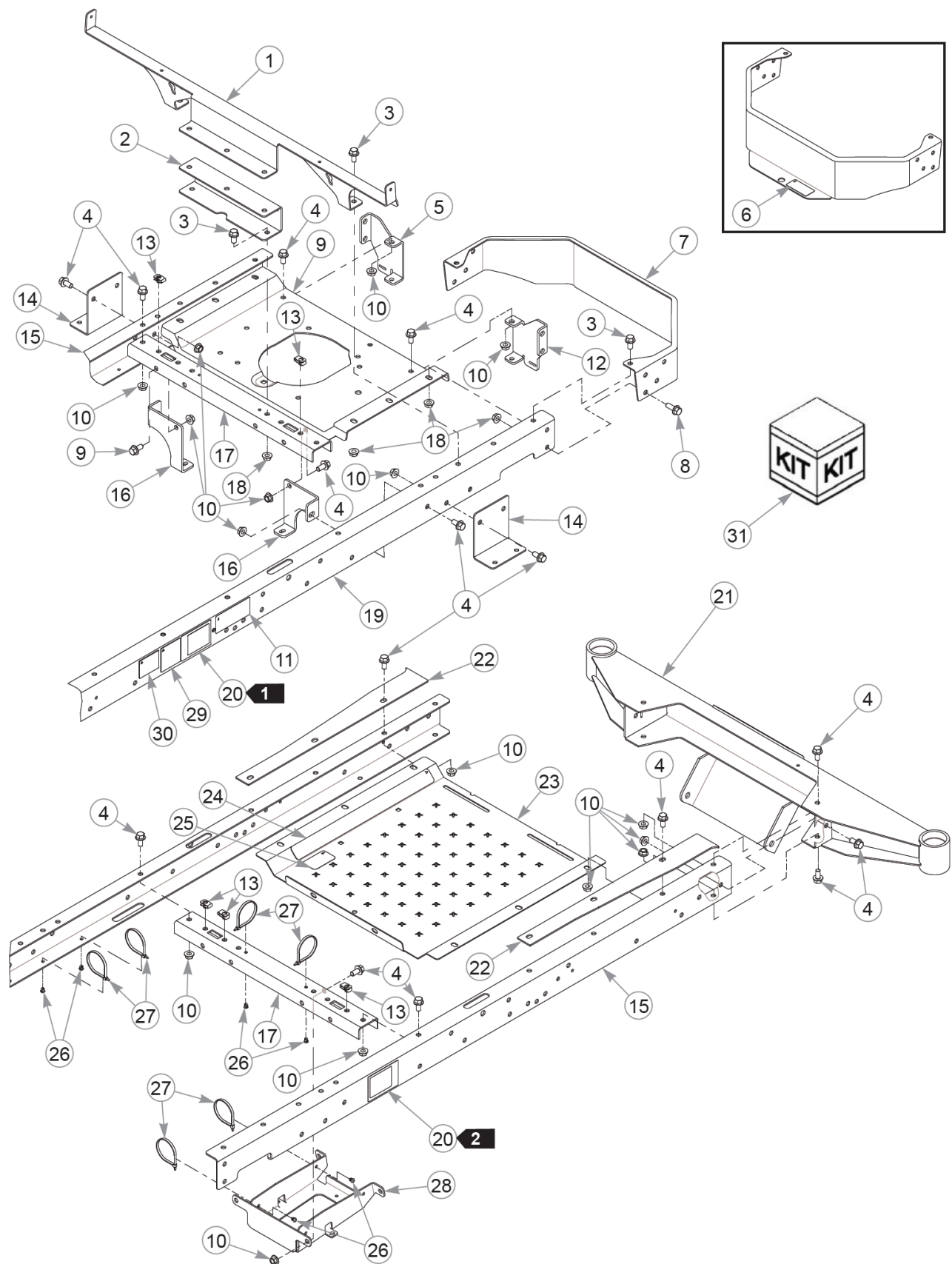
ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION
CB	CARRIAGE BOLT	MB	MACHINE BUSHING
CE	CLEVIS PIN	MS	MACHINE SCREW
CN	CLIP NUT	NT	NUT
CP	COTTER PIN	SC	SELF TAPPING CAP SCREW
CS	CAP SCREW	SH	SOCKET HEAD
CW	CUP WASHER	SB	SHOULDER BOLT
FDRW	FENDER WASHER	SS	SET SCREW
FW	FLAT WASHER	OD	OUTSIDE DIAMETER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

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Frame

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Item	Part No.	Qty	Name
1	123637-3	1	SEAT SUPPORT
2	123636-3	1	SPRING SUPPORT
3	029629	6	CS .375-16X0.75 HXF G5ZN
4	604176	30	CS .375-16 X .75 HXF NF
5	552564	1	ORDER 125255 KIT
Comments for Part Num. 552564			
NOT SOLD SEPARATELY. ORDER '125255 KIT, HYDRO BRACKETS'			
6	602041	1	DECAL, HOT
7	553148	1	S/C TO 556499
8	029751	4	CS .375-16X1.00 HXF G5ZN
9	551858	1	SVC, ENGINE PLATE
10	604177	30	NT .375-16 HXFLK PLN
11	601967	1	DECAL, ENGINE COMPART
12	552565	1	ORDER 125255 KIT
Comments for Part Num. 552565			
NOT SOLD SEPARATELY. ORDER '125255 KIT, HYDRO BRACKETS'			
13	601982	5	CN .250-20X .150 MAX THK
14	552566	2	ORDER 125255 KIT
Comments for Part Num. 552566			
NOT SOLD SEPARATELY. ORDER '125255 KIT, HYDRO BRACKETS'			
15	119718	1	SVC, RS FRAME CHANNEL
16	552567	2	ORDER 125255 KIT
Comments for Part Num. 552567			
NOT SOLD SEPARATELY. ORDER '125255 KIT, HYDRO BRACKETS'			
17	551861	2	SVC, CROSS SUPPORT
18	016899	10	NT .375-16 FLK G5
19	551868	1	SVC, LS FRAME CHANNEL
20	N/A	2	SERIAL NUMBER / SPEC DECAL
21	552568	1	FRONT CROSS FRAME W/A
22	552569	2	SVC, FAIRING
23	551865	1	SVC, FOOT PAN
24	601981	1	DECAL, SAFE OPERATE-GRAY
25	605782	1	DECAL, LEVEL FUEL BLOWM

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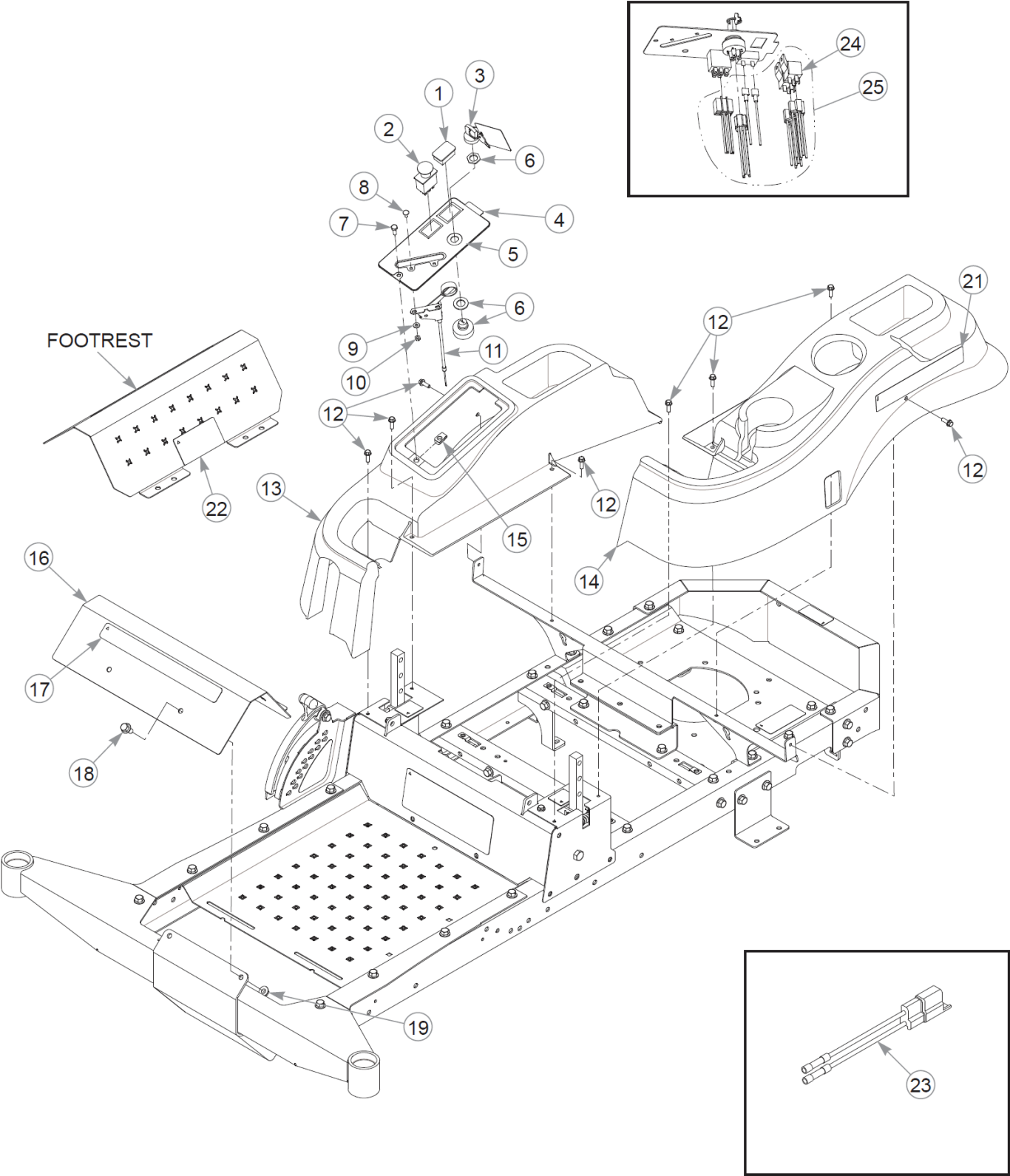
Frame

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Item	Part No.	Qty	Name
26	604307	6	MOUNT, PUSH BUTTON
27	000331	6	WIRE TIE, SMALL/SHORT
28	552570	1	BATTERY TRAY
29	789776CE	1	DBA LIMIT DECAL
30	776310	1	DECAL, CE MARK
31	125255	1	KIT, HYDRO BRACKETS

Comments for Page: Frame

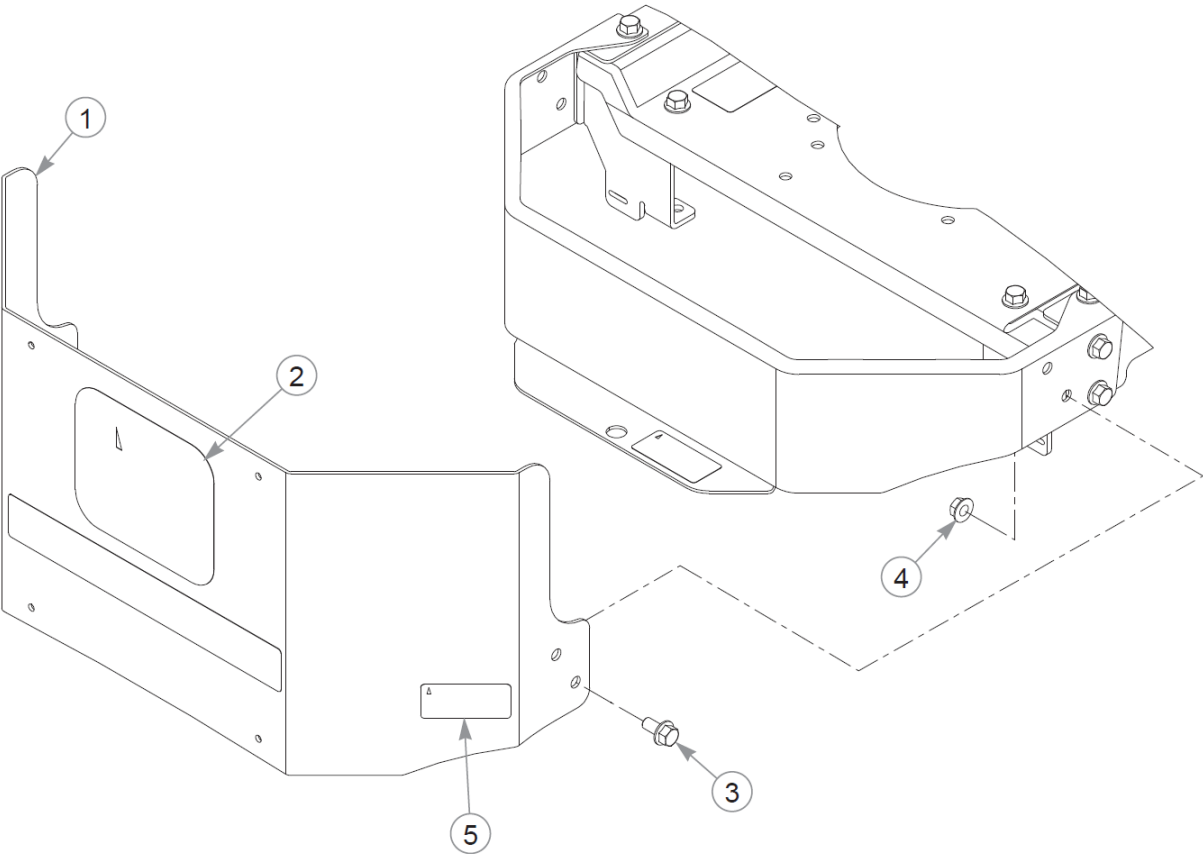
1. Serial number decal. In the event the serial number decal becomes damaged or illegible, please contact your dealer to order a replacement.
2. EPA compliance decal (does not apply to mowers with serial numbers prior to 19020001).
3. Torque all the hardware to a minimum of 45 N•m.
4. The bumper, LS frame channel and foot pan include decals.



Item	Part No.	Qty	Name
1	769166	1	HOUR METER
2	776476	1	SWITCH, PTO 6201-321
3	785808	1	KEY ASSEMBLY
4	551898	1	SERVICE, INSTR PANEL
5	605996	1	DECAL, INSTRUMENT PANEL
6	045898	1	IGNITION SWITCH
7	055939	1	CS .250-20X0.75 HX G5 ZN
8	601098	2	CB 10-24 X .500 ZYNC
9	704932	2	FW 0.219X.50X.05 ZN
10	059832	2	NT #10-24 HX NL ZN
11	768879	1	CABLE, THROTTLE
12	604324	8	CS .250-20 X .75 HX FLG
13	552809	1	SVC, FENDER RS
14	552810	1	SVC, FENDER LS
15	601982	1	CN .250-20X .150 MAX THK
16	552414	1	SVC, FOOTREST
17	602407	1	DECAL, HUSTLER ID
18	029629	2	CS .375-16X0.75 HXF G5ZN
19	016899	2	NT .375-16 FLK G5
20	000331	1	WIRE TIE, SMALL/SHORT
21	604388	2	DECAL, RAPTOR FENDER
22	600899	1	DECAL, PUMP BELT WARNING
23	114052	1	KIT, CLUTCH CONN. REP.
24	601053	2	RELAY, SEALED W/BRACKET
25	605835	1	WIRE HARNESS

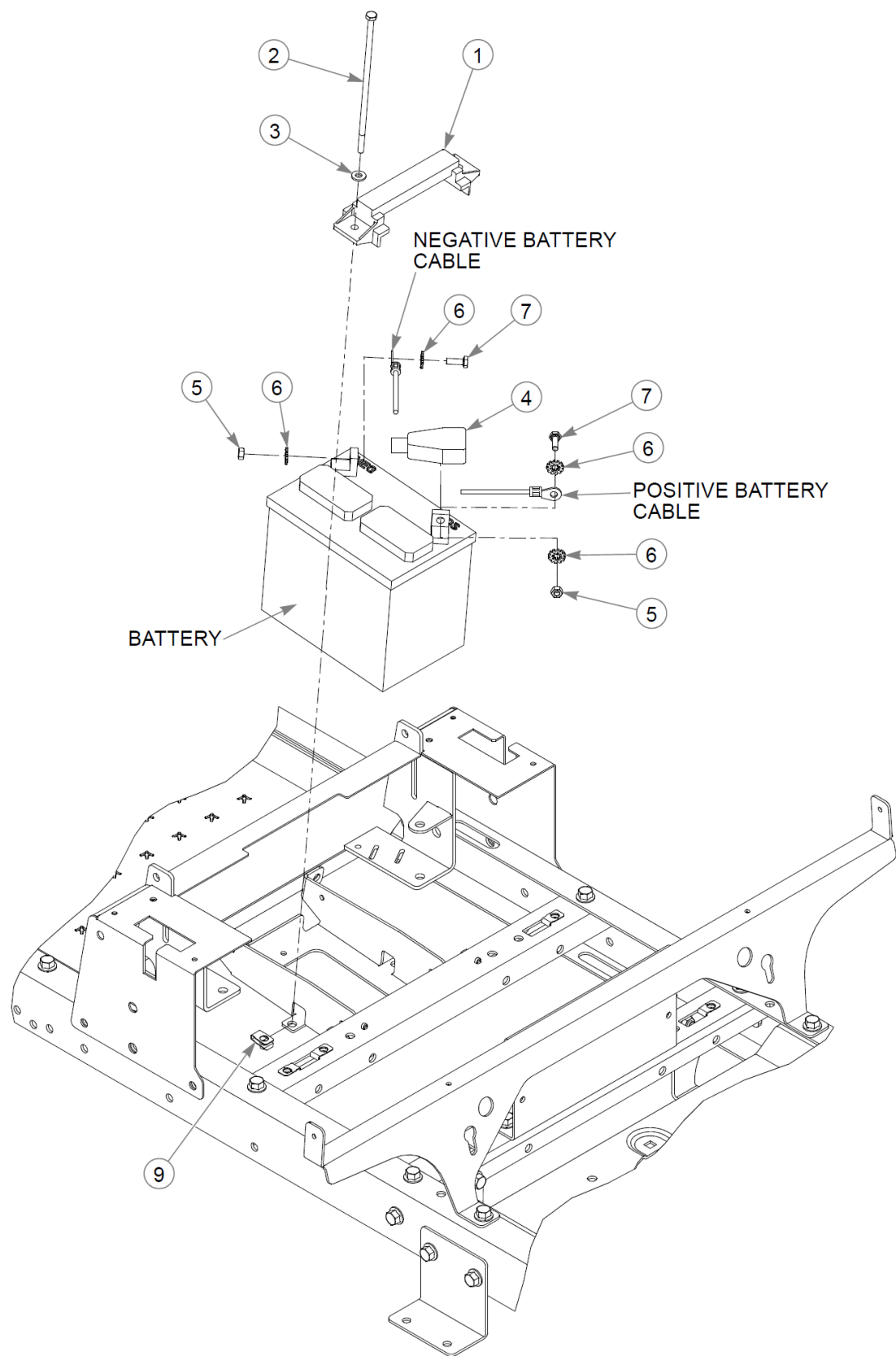
Comments for Page: Fenders, Instrument Panel & Wire Harness

1. The instrument panel includes the decal.
2. The fenders and footrest include decals.
3. The sealed relay includes a bracket.



Engine Guard

Item	Part No.	Qty	Name
1	122817	1	KIT, ENGINE GUARD
Comments for Part Num. 122817			
IMPORTANT - REFERENCE PRODUCT BULLETIN 571-R BEFORE ORDERING ENGINE GUARDNOTE: ENGINE GUARD KIT INCLUDES DECALS AND BOLTS.			
2	604745	1	DECAL, H LOGO, MFSD 36/4
3	029629	4	CS .375-16X0.75 HXF G5ZN
4	016899	4	NT .375-16 FLK G5
5	602041	1	DECAL, HOT



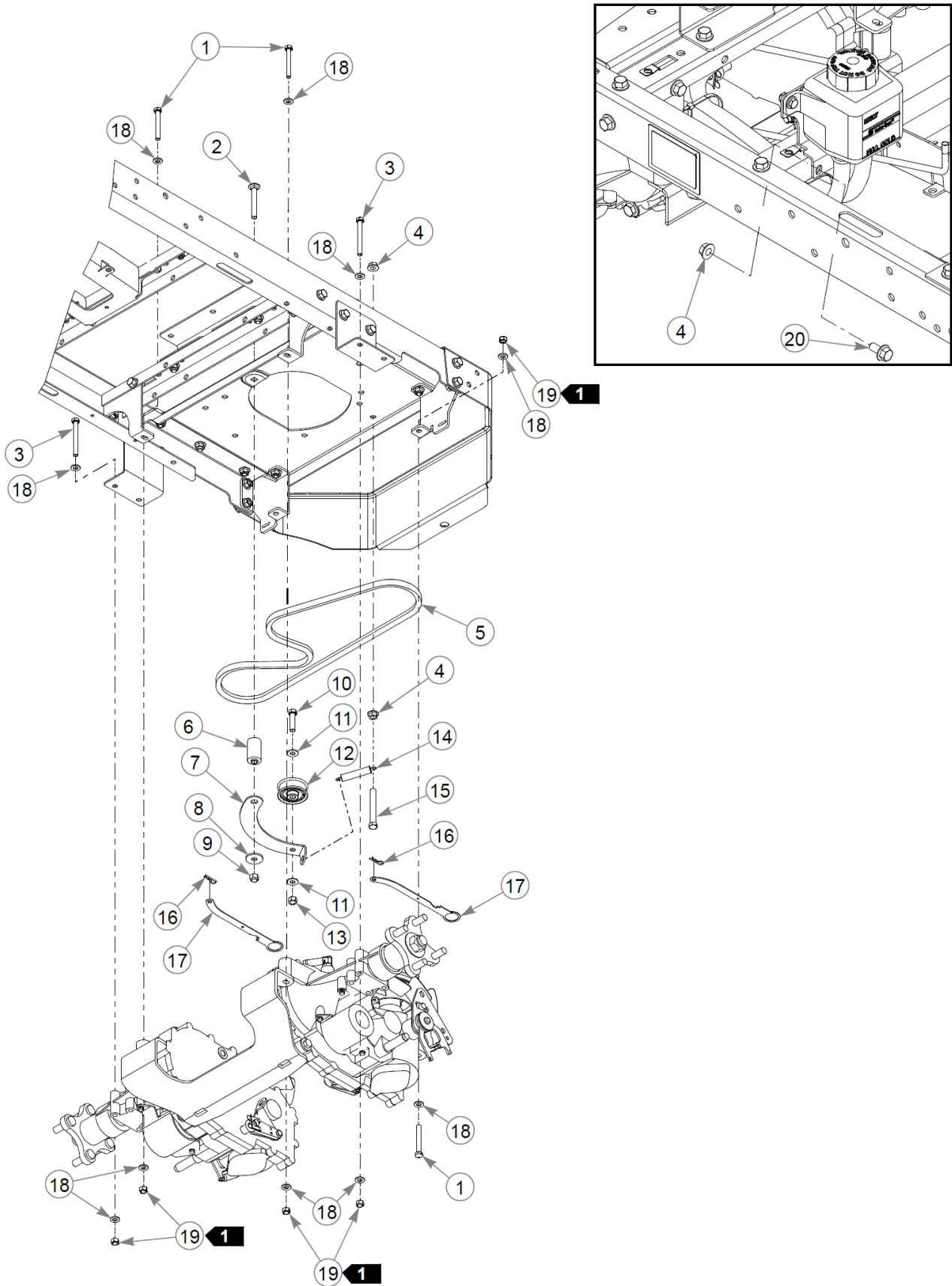
Battery

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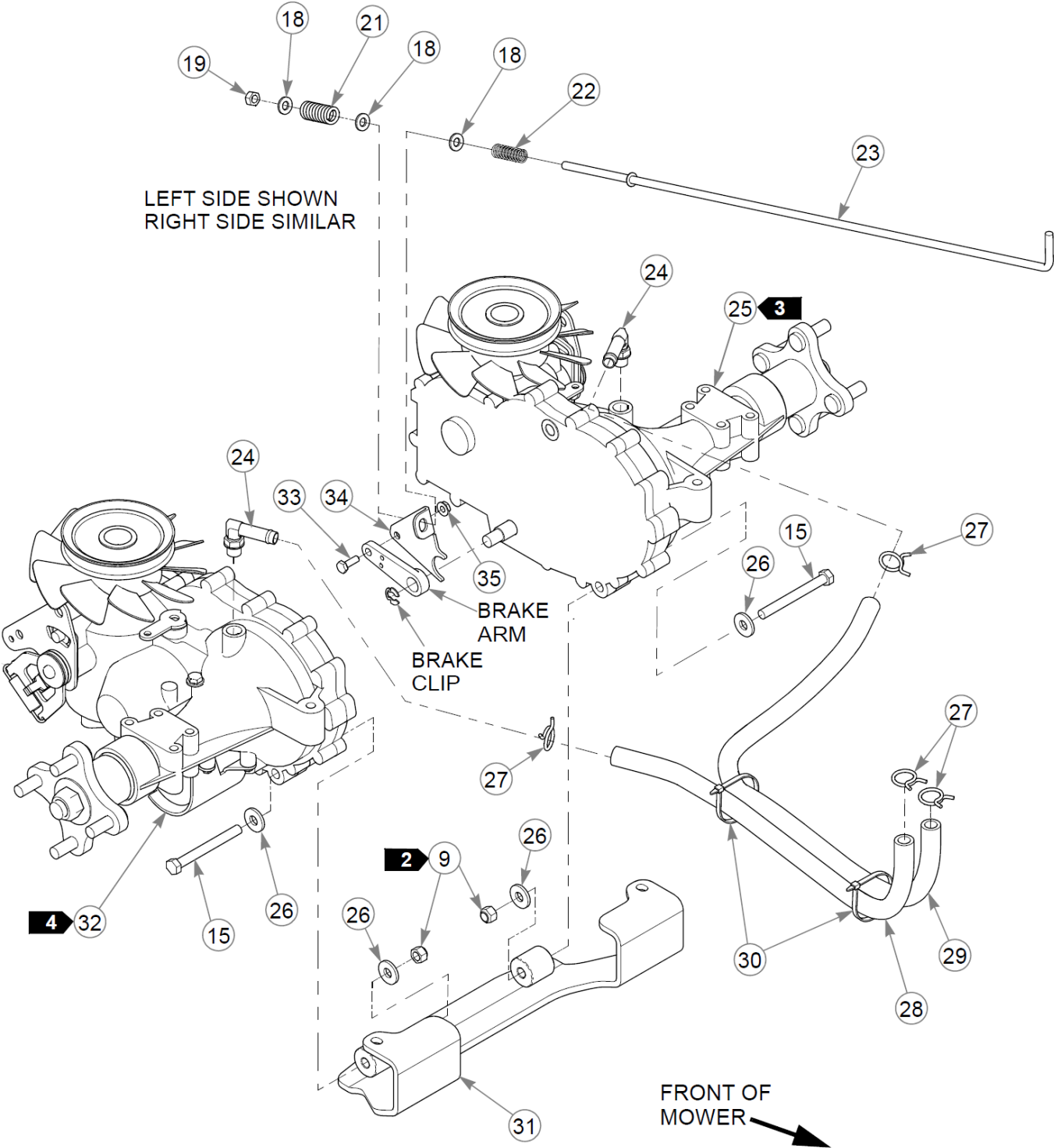
Item	Part No.	Qty	Name
1	604178	1	STRAP, TIE DOWN
2	604465	2	CS .250-20X7.50 HX G5 ZN
3	768515	2	FW 0.281SAE
4	771428	1	BATTERY CBL BOOT-RED(FS)
5	024927	2	NT .250-20HXG5
6	029868	4	LW .250 INTEXT ZN
7	055939	2	CS .250-20X0.75 HX G5 ZN
8	000331	2	WIRE TIE, SMALL/SHORT
9	601982	2	CN .250-20X .150 MAX THK

Comments for Page: Battery

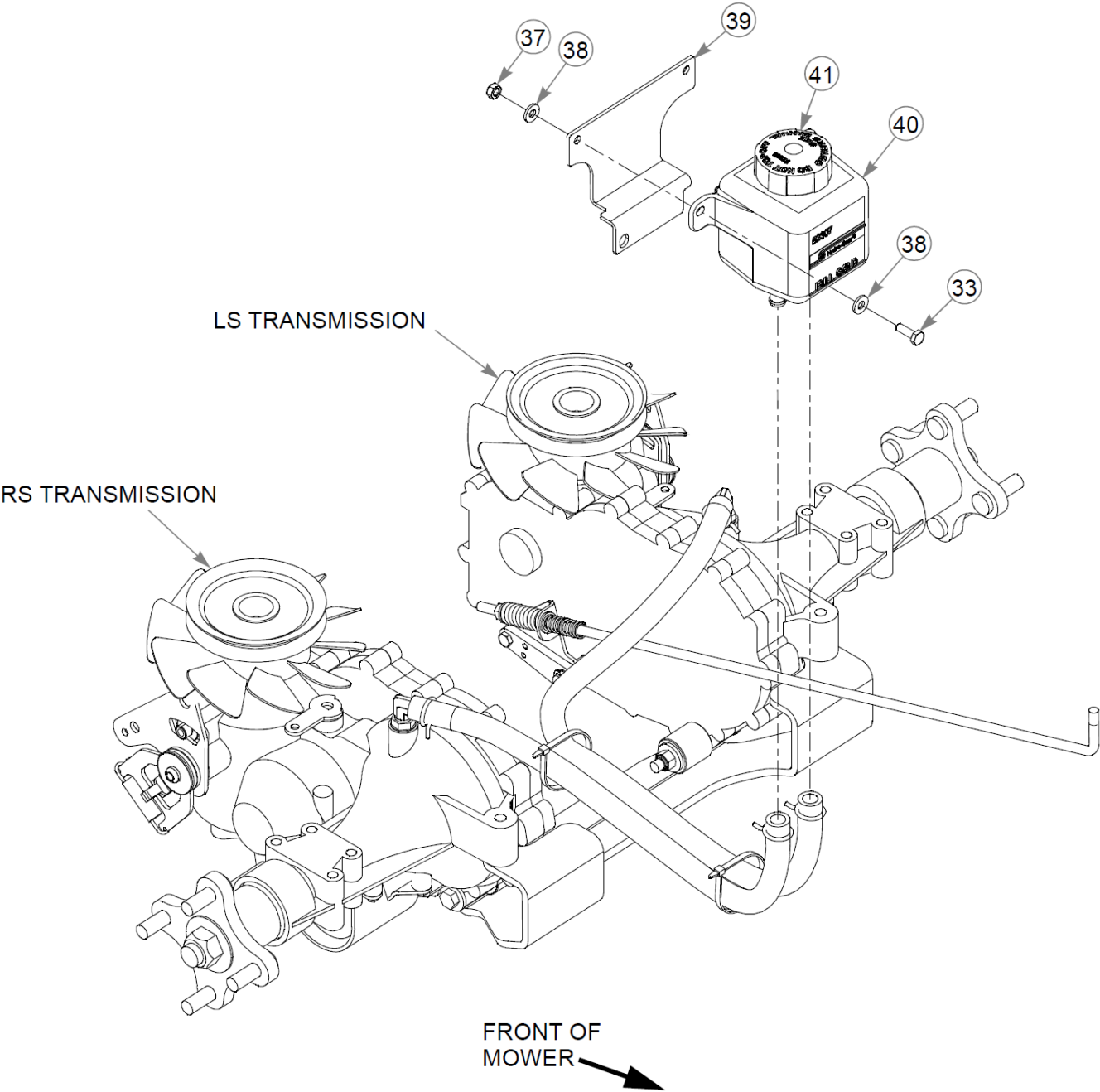
1. When performing service on the mower, disconnect the negative battery cable and do not reconnect it to the battery until ready to start the engine.



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Item	Part No.	Qty	Name
1	710087	4	CS .312-18X2.500HXG5
2	601887	1	CB .375-16 X 2.75 G5
3	043067	4	CS .312-18X3.000HXG5
4	016899	3	NT .375-16 FLK G5
5	607400	1	DRIVE BELT
6	604714	1	SPACER, IDLER
7	116287	1	IDLER ARM
8	712893	1	FW .406 X 1.25 X .12 HD ZN
9	086660	3	NT .375-16NLG8
10	080655	1	CS .375-16 X 1.500 HX G5
11	767954	2	FW .379 X .82 X .06 HD ZN
12	604491	1	PULLEY, 2.0" IDLER
13	054502	1	NT .375-16HXG5
14	604490	1	SPRING, 3.00 X .50 EXT
15	005108	3	CS .375-16X3.500HXG5
16	706549	2	HP 0.080 X 1.190
17	118310	2	LINK, TOW VALVE
18	768523	22	FW .343 SAE
19	058776	10	NT .312-18NLG5
20	029629	1	CS .375-16X0.75 HXF G5ZN
21	601051	2	OVERTRAVEL SPRING
22	601131	2	SPRING, BRAKE ARM RET.
23	604667	2	ROD, BRAKE ACTUATOR
24	601219	2	FTG, 90 - 9/16 SAE
25	604709	1	ZT2800, 20.69:1 TRANS
26	712919	4	FW 0.406X1.00X.12 HD ZN
27	601001	4	SPRING CLAMP, .75" DIA
28	787713P	1	HOSE, 1/2" LOW PRSUR - 5 FT
29	787713P	1	HOSE, 1/2" LOW PRSUR - 5 FT
30	000331	2	WIRE TIE, SMALL/SHORT
31	123292	1	KIT, CROSS BRACE
32	604708	1	ZT2800, 20.69:1 TRANS
33	055939	4	CS .250-20X0.75 HX G5 ZN
34	109203	1	BRAKE SPRING LINK, LS
35	016816	2	NT .250-20FLKG5
36	109202	1	BRAKE SPRING LINK, RS

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Item	Part No.	Qty	Name
37	068551	2	NT .250-20 HXZY NL
38	768515	4	FW 0.281SAE
39	118284	1	EXPANSION TANK MNT
40	601996	1	EXPANSION TANK, ZT2800
41	600767	1	CAP, OVERFLOW TANK

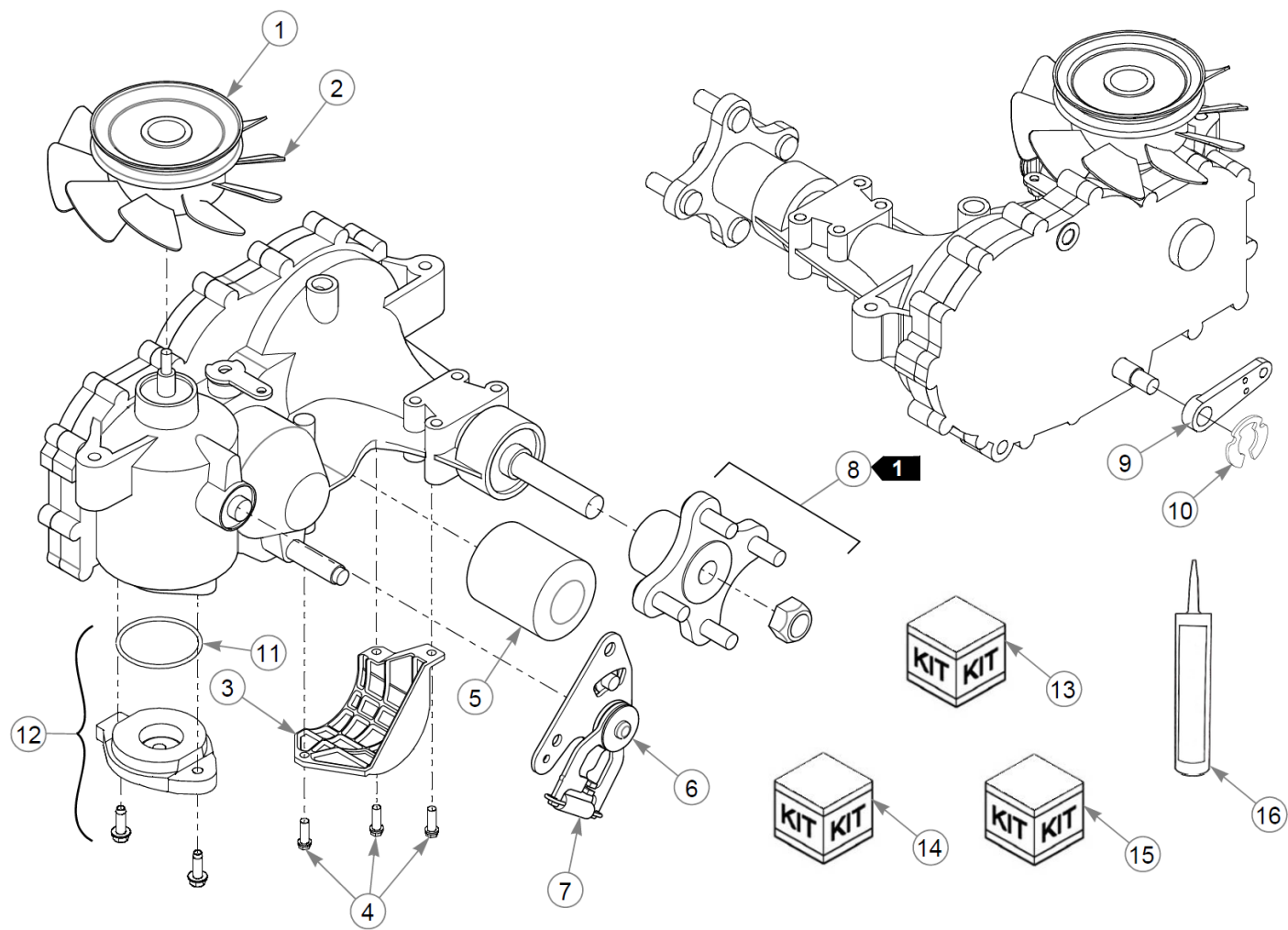
Comments for Page: Transmission Assembly & Drive Belt (Multi-Page)

1. Torque to 23 N•m.
2. Torque to 41 N•m.
3. Left Side transmission.
4. Right Side transmission.

HOSE LENGTHS

A: 71 cm LEFT TRANSMISSION TO OVERFLOW TANK

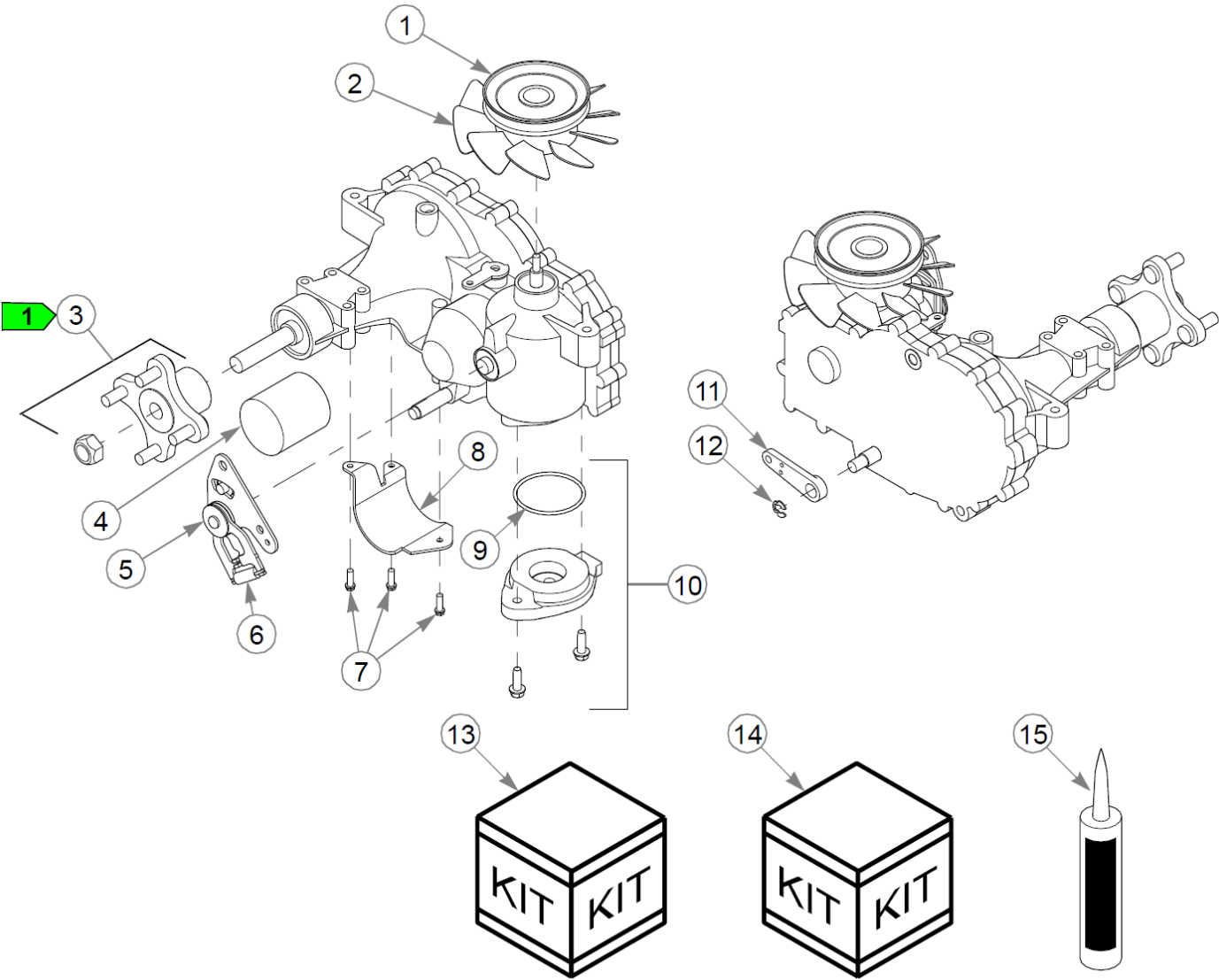
B: 48 cm RIGHT TRANSMISSION TO OVERFLOW TANK



Item	Part No.	Qty	Name
1	602094	1	FAN / PULLEY KIT
2	607729	1	FAN - 7.0" (10 BLADE)
3	600975	1	GUARD, TRANS FILTER
4	604324	3	CS .250-20 X .75 HX FLG
5	600976	1	HYDRAULIC OIL FILTER
6	604901	1	HG RTN CW
7	604903	1	HG RTN SPRING
8	600970	1	KIT, HUB, 4 BOLT
9	601221	1	ZT2800 BRAKE ARM - 2007
10	600972	1	CLIP, RETAINING
11	603223	1	O-RING, ZT28/3100 CHARGE
12	603572	1	COVER, ZT3100 CHRGR PUMP
13	606830	1	OIL RETENSION KIT
14	607199	1	SEAL KIT
15	607870	1	KIT - SIDE COVER
16	607869	1	TUBE - SEALANT
Comments for Part Num. 607869			
Used for sealing side cover on transmission. One tube covers multiple covers.			

Comments for Page: Transmission Service Parts - 604708

1. Hub kit (600970) includes the hub nut.



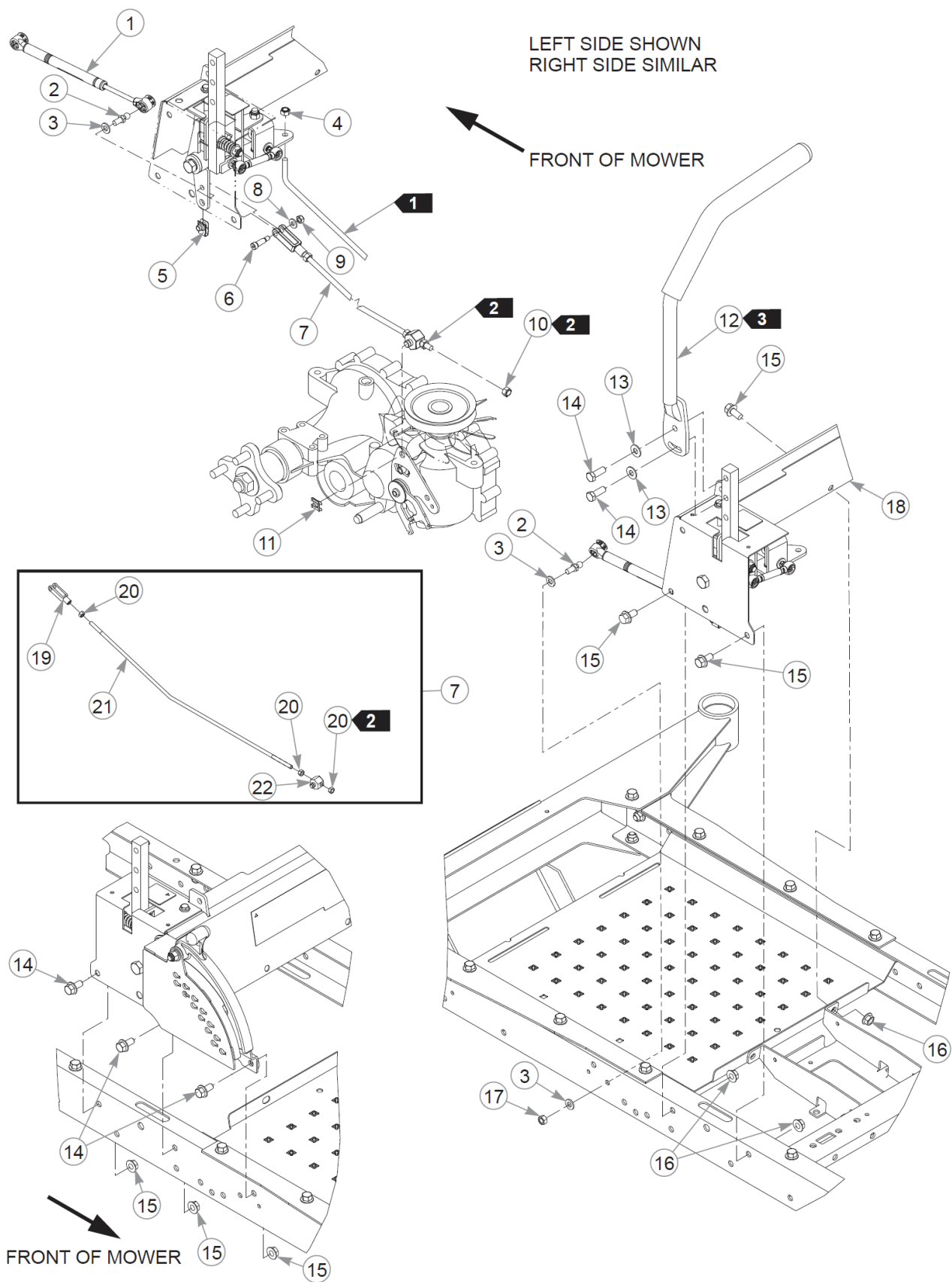
Transmission Service Parts - 604709

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Item	Part No.	Qty	Name
1	602094	1	FAN / PULLEY KIT
2	607729	1	FAN - 7.0" (10 BLADE)
3	600970	1	KIT, HUB, 4 BOLT
4	600976	1	HYDRAULIC OIL FILTER
5	604902	1	HG RTN CCW
6	604903	1	HG RTN SPRING
7	604324	3	CS .250-20 X .75 HX FLG
8	600974	1	GUARD, TRANS FILTER
9	603223	1	O-RING, ZT28/3100 CHARGE
10	603572	1	COVER, ZT3100 CHRGR PUMP
11	601221	1	ZT2800 BRAKE ARM - 2007
12	600972	1	CLIP, RETAINING
13	606830	1	OIL RETENSION KIT
14	607199	1	SEAL KIT
15	607869	1	TUBE - SEALANT
Comments for Part Num. 607869 Used for sealing side cover on transmission. One tube covers multiple covers.			

Comments for Page: Transmission Service Parts - 604709

1. Hub kit (600970) includes the hub nut.



Steering & Brake

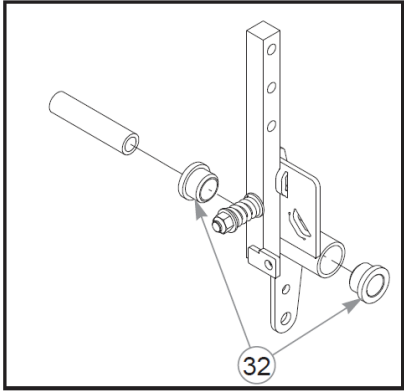
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Item	Part No.	Qty	Name
1	603983	2	DAMPER
2	781922	4	BALL STUD
3	768523	6	FW .343 SAE
4	058776	2	NT .312-18NLG5
5	601069	2	CN .312-18 x .200 MAX THK
6	772483	2	SB0.312X0.750SH0.250-20
7	606273	2	STEERING ROD S/A
8	768515	2	FW 0.281SAE
9	068551	2	NT .250-20 HXZY NL
10	023655	2	NT 0.312-24 NL G8
11	606575	2	CLIP, SAFETY
12	110370	2	STEERING BAR W/ GRIP
	781260	1	GRIP, STEERING BAR
13	767954	4	FW .379 X .82 X .06 HD ZN
14	036244	4	CS .375-16 X 1.00 HX G5 ZN
15	029629	7	CS .375-16X0.75 HXF G5ZN
16	016899	7	NT .375-16 FLK G5
17	034272	2	NT .312-18HXG5
18	N/A	1	STEERING COVER ASSEMBLY
19	604173	2	YOKE, 5/16-24
20	041152	6	NT 0.312-24 HX G8
21	604666	2	ROD, STEERING
22	116144	2	BLOCK, STEERING CONTROL

Comments for Page: Steering & Brake

1. Part of the transmission assembly.
2. Torque to 19 N•m.
3. The steering bar (110370) includes the grip (781260).

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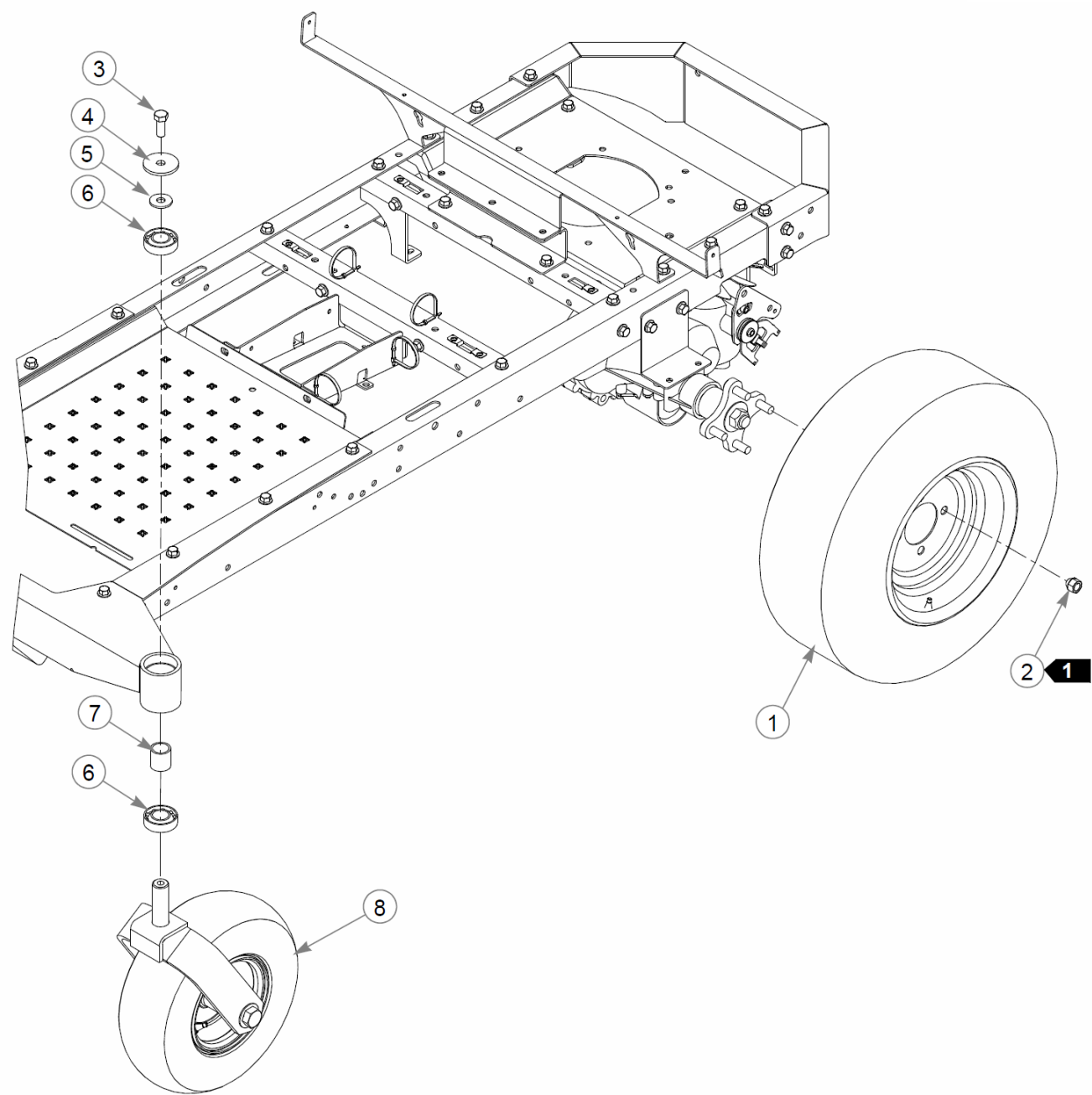
Steering Cover Assembly

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Item	Part No.	Qty	Name
1	604452	2	CS .250-20X2.00 HX FH ZN
2	768515	4	FW 0.281SAE
3	605529	2	STOP, STEERING
4	055939	2	CS .250-20X0.75 HX G5 ZN
5	601822	2	NUT PLATE, .420 CENTERS
6	781211	2	SWITCH, PUSH BUTTON
7	086660	3	NT .375-16NLG8
8	781708	2	CS .500-13X4.25 HX G5 ZN
9	781567	2	NT .500-13NLG5
10	063198	4	CS #10-24X0.750FLKG5
11	005108	2	CS .375-16X3.500HXG5
12	606106	1	STEERING BOX SUB, LH
13	604288	2	SPACER, STEERING
14	768523	8	FW .343 SAE
15	058776	4	NT .312-18NLG5
16	604179	2	BRAKE LINK
17	116142	1	BRAKE BLCRNK, LH
18	765339	4	BUSHING,IGUS#0608 (FS)
19	606105	1	STEERING BOX SUB, RH
20	116141	1	BRAKE BLCRNK, RH
21	767954	2	FW .379 X .82 X .06 HD ZN
22	605149	1	TRANSPORT LATCH
23	552177	1	SERVICE, INDICATOR PANEL
24	604819	1	DECAL, DECK HEIGHT
25	029629	1	CS .375-16X0.75 HXF G5ZN
26	056036	1	CS .375-16X2.250HXG5
27	016899	1	NT .375-16 FLK G5
28	785220	1	DECAL, STEERING R.S.
29	785139	1	DECAL, STEERING L.S.
30	604840	1	DECAL, ID RSD
31	551698	1	STEERING COVER, SERVICE
32	781153	2	BUSHING, UHMW

Comments for Page: Steering Cover Assembly

1. The steering cover includes the decals.



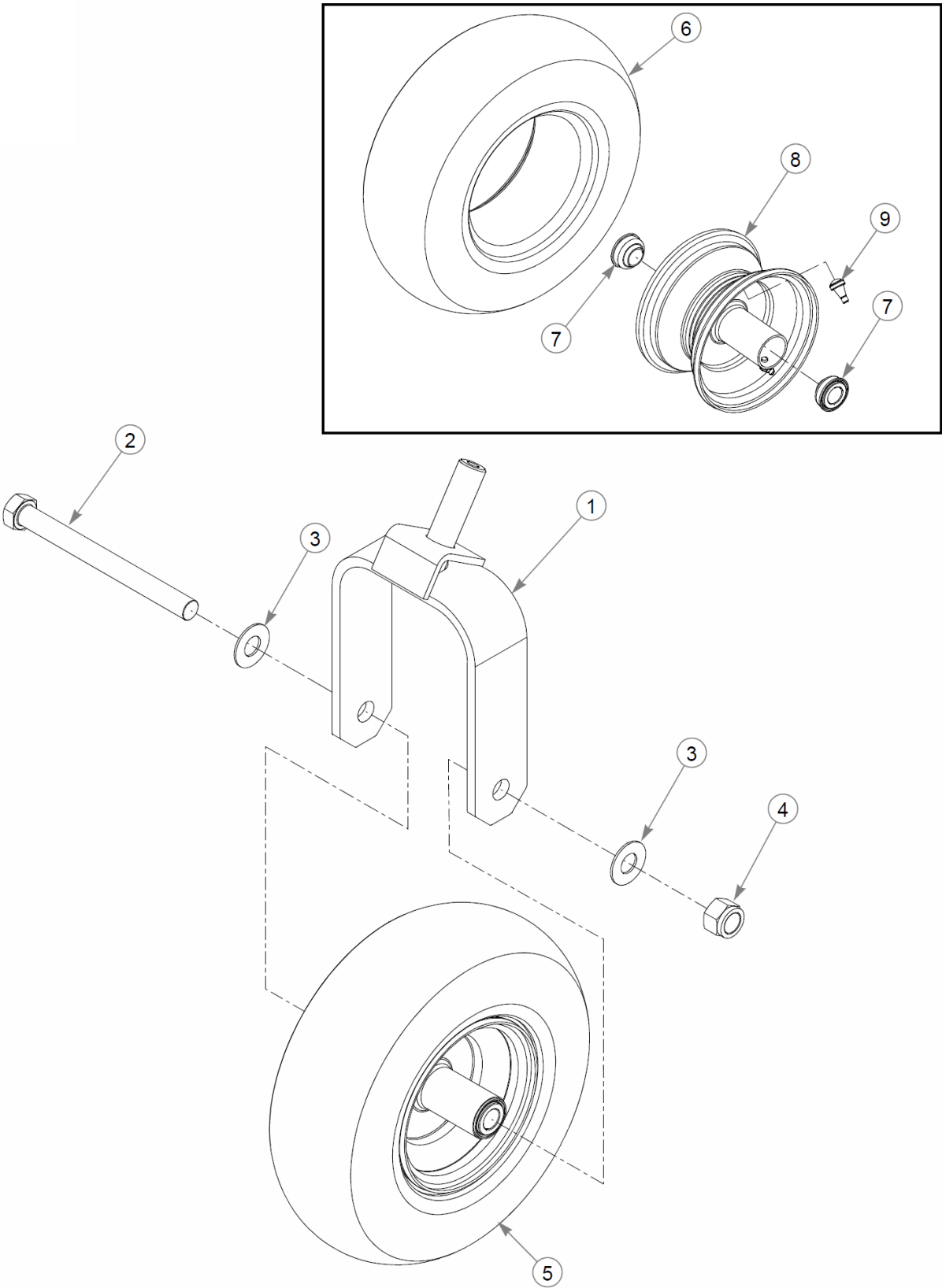
Wheel & Tire

48" Raptor SD Parts Manual - 938340CE - HTRSDL048KAWFR691VC

Item	Part No.	Qty	Name
1	600676	2	TIR/WHL 20X8.00-10 SLV
2	061077	8	WHEEL NUT
3	705954	2	CS .500-13X1.25 HX G5 ZN
4	344267	2	FW .510X2.15X.19 ZN
5	712976	2	FW 0.531 X 1.38 X .12 ZN
6	784223	4	BEARING
7	784603	2	SPACER
8	N/A	1	TIRE/WHEEL ASSEMBLY

Comments for Page: Wheel & Tire

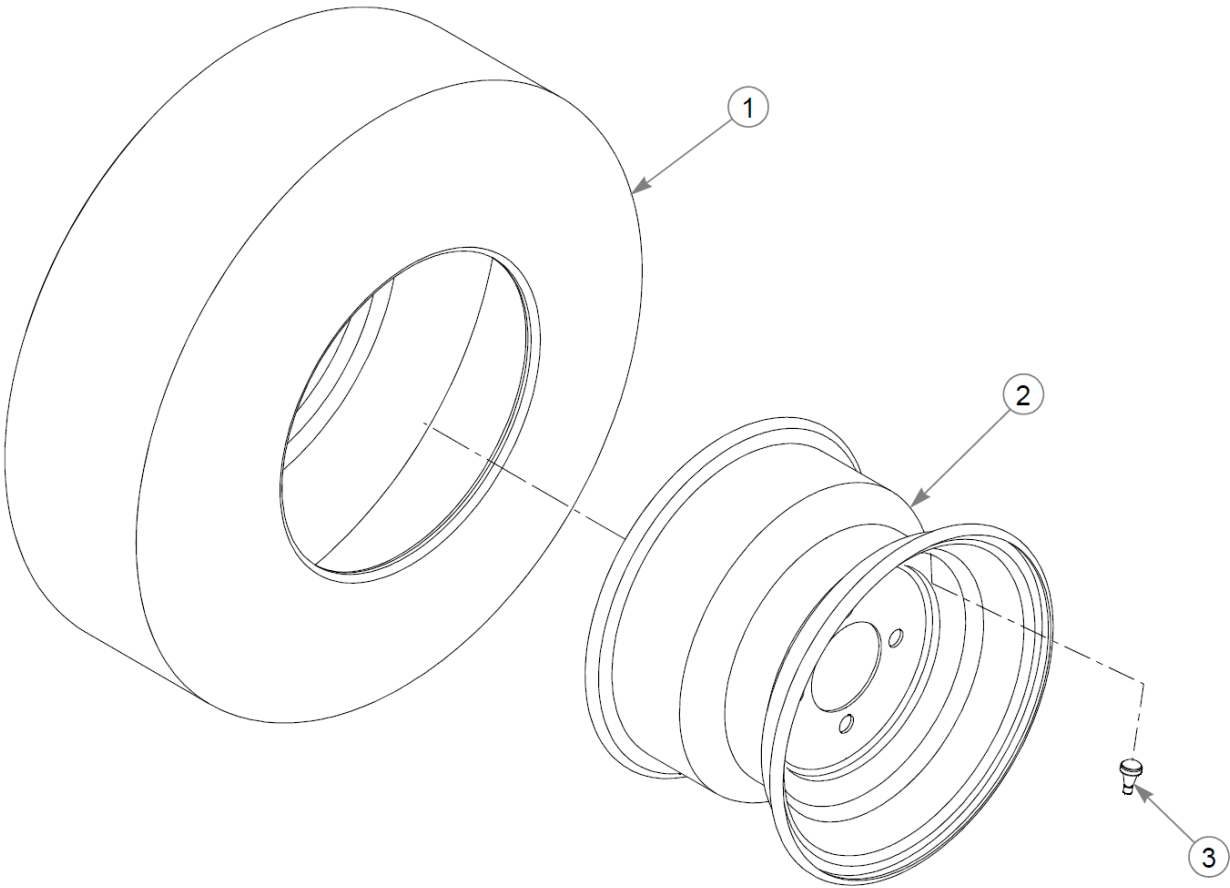
1. Torque to 88–102 N•m.



Front Wheel Assembly Breakdown

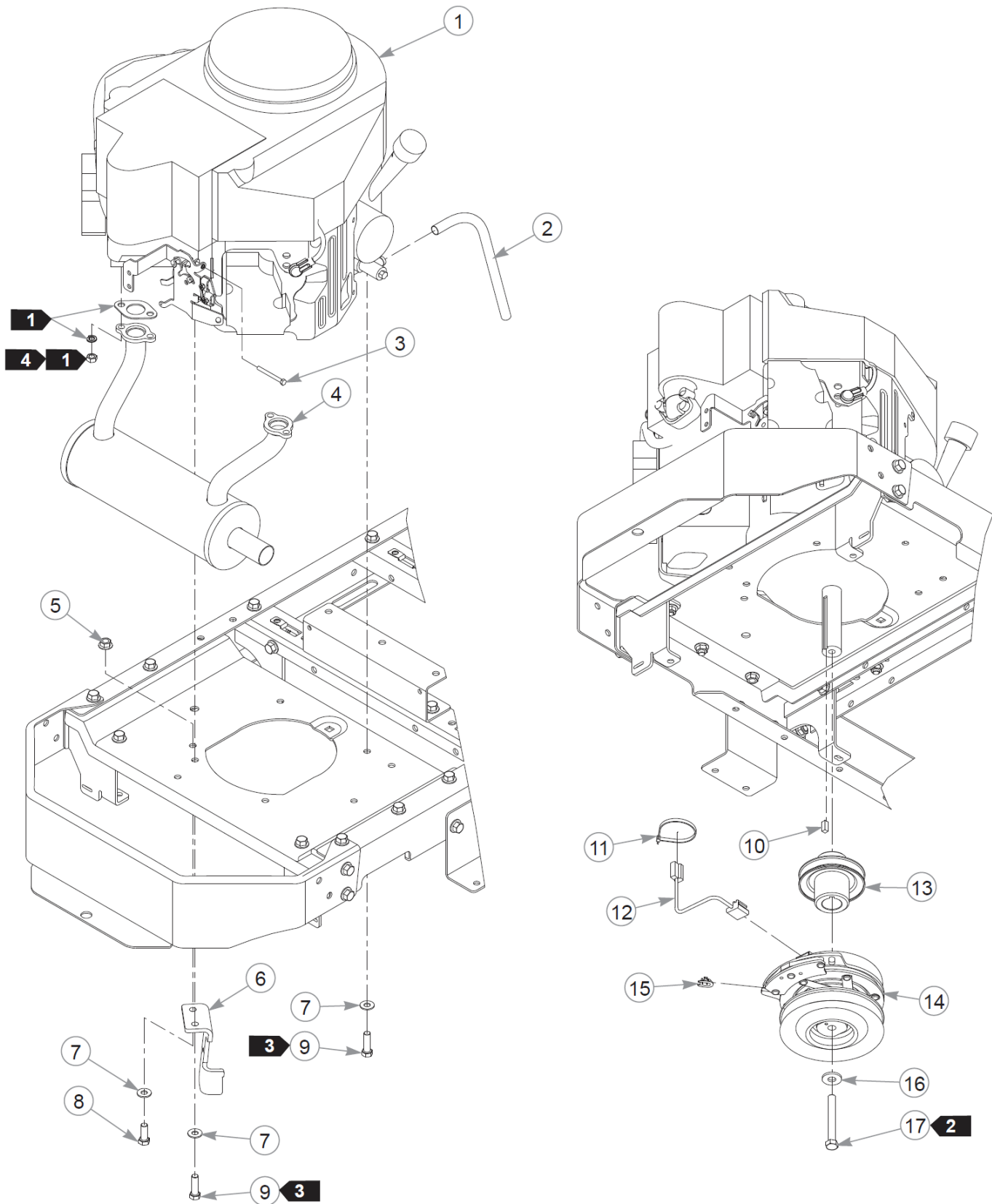
48" Raptor SD Parts Manual - 938340CE - HTRSDL048KAWFR691VC

Item	Part No.	Qty	Name
1	605042	1	FORK W/A, 13X5
2	786731	1	CS .750-10X8.000HXG5
3	025296	2	FW .760X1.63X0.08 ZN
4	061101	1	NT .750-10 HX ZN NL GR B
5	605038	1	TIR/WHL 13X5.00-6 SLV
6	605039	1	TIR 13X5.00-6 B4R SMTH
7	786103	2	WHEEL BEARING
8	786079	1	WHL 6X3.25 SLV
9	019521	1	TIRE VALVE TR-412 GOODY

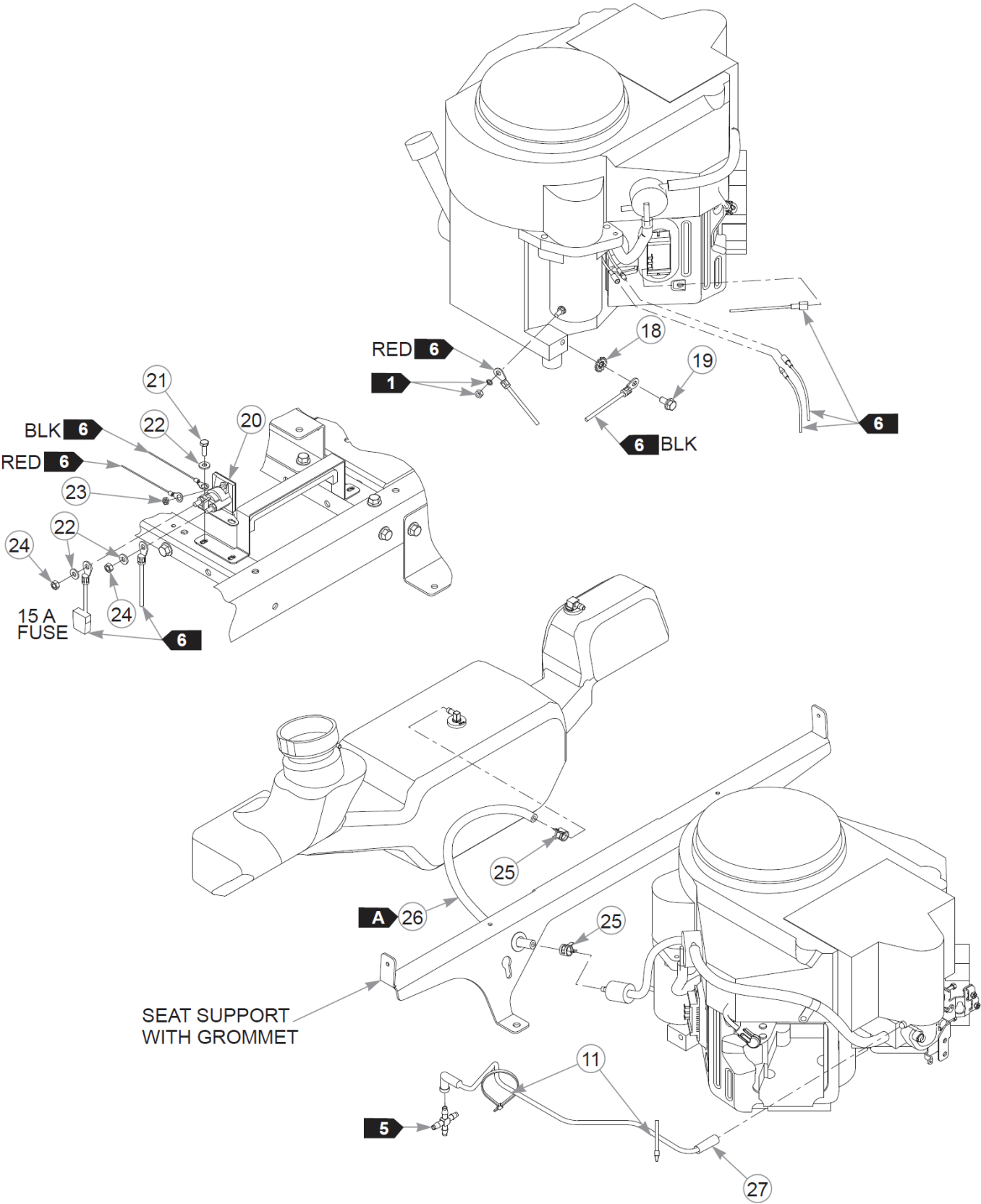


Drive Wheel Breakdown - Silver

Item	Part No.	Qty	Name
1	600692	1	TIR 20X8.00-10 B4R GRMR
2	600718	1	WHL 10X7.00 4X4.0 SLV
3	019521	1	TIRE VALVE TR-412 GOODY



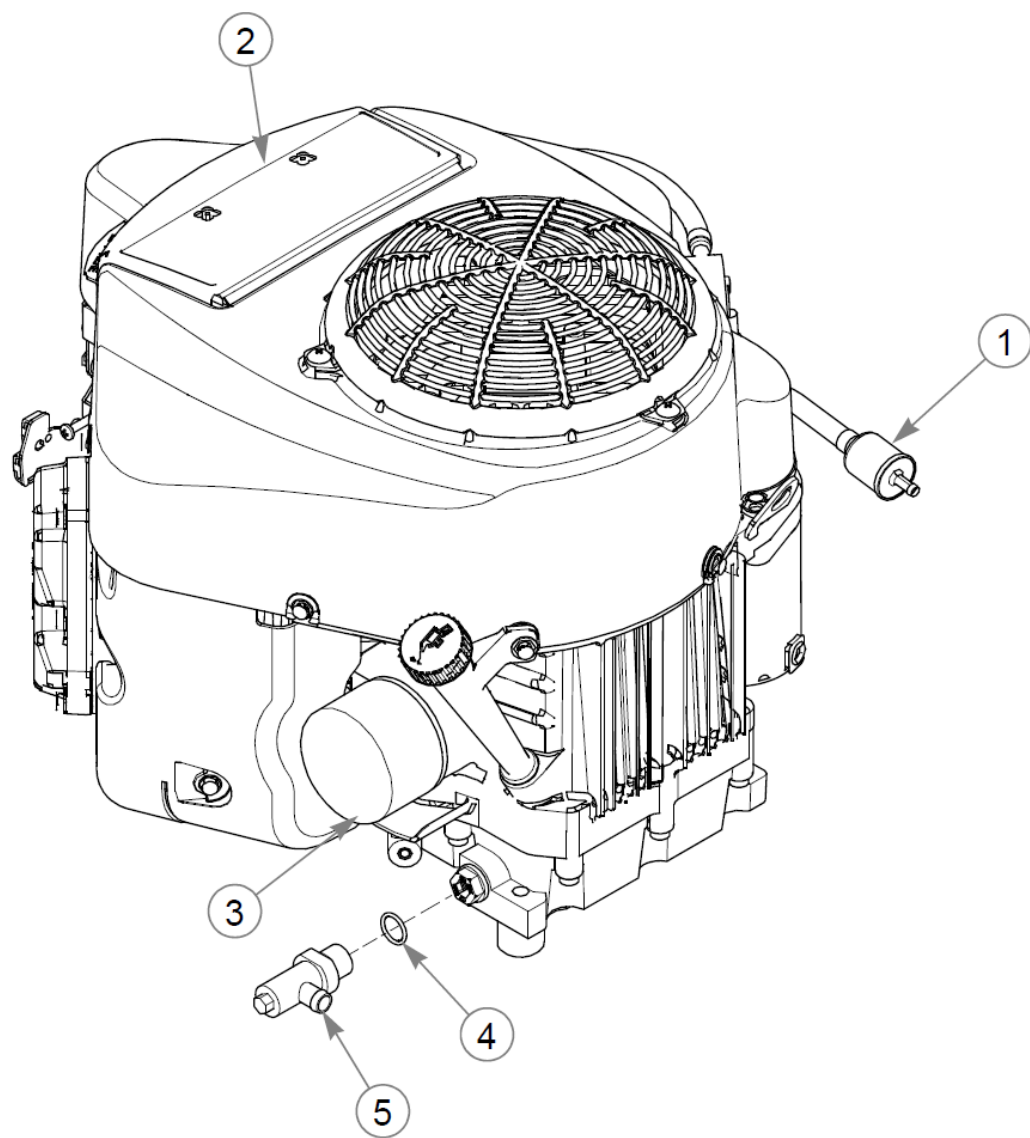
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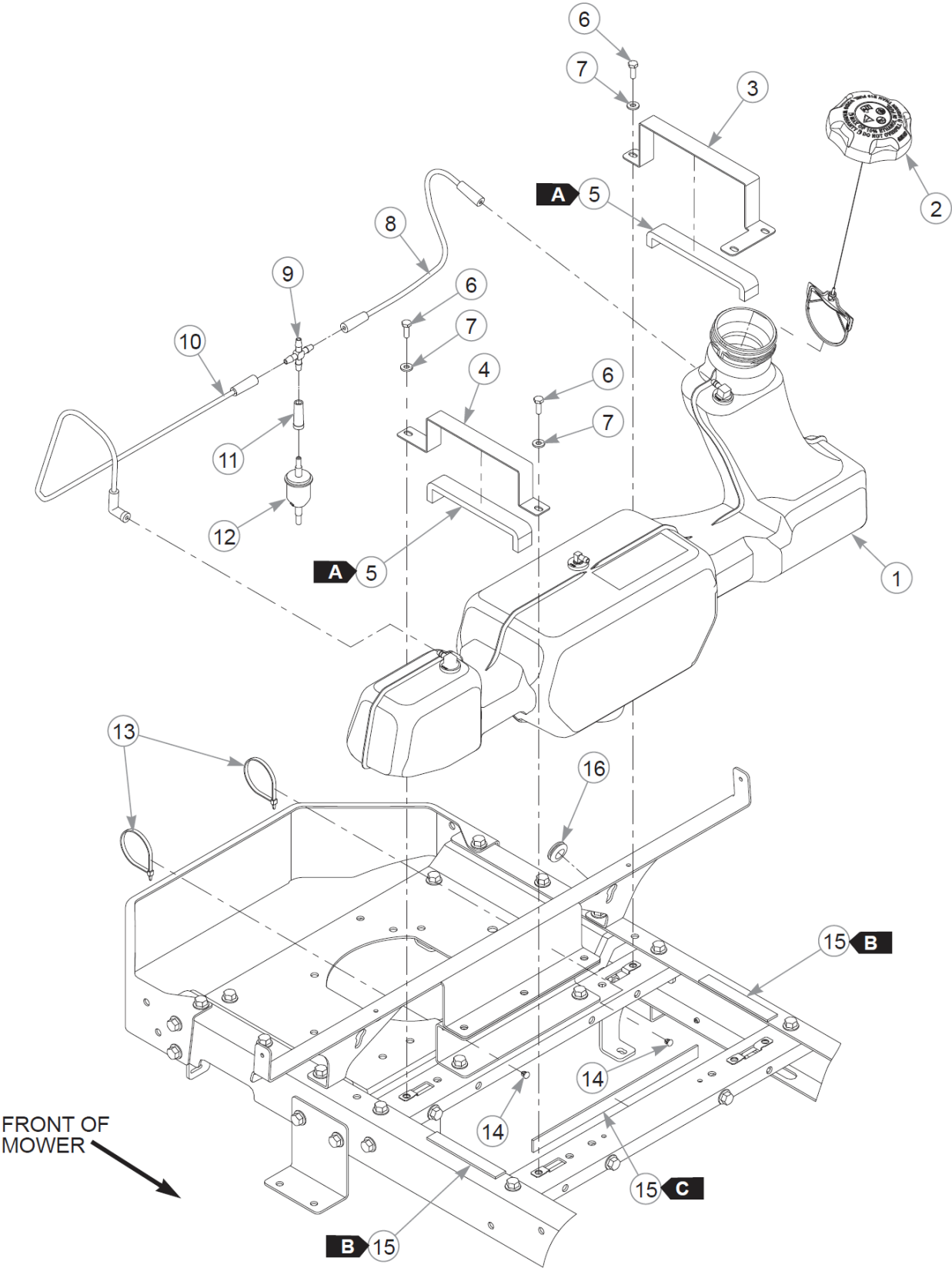
Item	Part No.	Qty	Name
1		1	ENGINE, KAW FR691V
2	604463P	30 cm	HOSE, OIL DRAIN - 1 FT
3	603524	1	CS M5-0.8 X 50 MM
4	604016	1	MUFFLER, FR730V
5	016899	1	NT .375-16 FLK G5
6	121625	1	CLUTCH ANCHOR
7	767954	5	FW .379 X .82 X .06 HD ZN
8	036244	1	CS .375-16 X 1.00 HX G5 ZN
9	602580	4	CS .375-16X1.25HXG8ZYP85
10	712372	1	KEY 1/4 SQ X 0.66 LG(FS)
11	000331	4	WIRE TIE, SMALL/SHORT
12	791251	1	HARNESS, CLUTCH PIGTAIL
Comments for Part Num. 791251			
Pigtail was updated with epoxy to hold the wires steady. The wire sheath was also updated to a more flexible material.			
13	605675	1	PULLEY, ENG 4.118 OP
14	605777K	1	CLUTCH KIT, 605777
15	605595	1	BUSHING, CLUTCH
16	602680	1	FW .453X1.12X.12 HRD ZN
17	601834	1	CS .437-20X3.25 HXG5 P85
18	029876	1	LW .312 INTEXT ZN
19	720516	1	CS M8-1.25X16HX FL10.9
20	030817	1	STARTER SOLENOID
21	055939	2	CS .250-20X0.75 HX G5 ZN
22	768515	4	FW 0.281SAE
23	044255	1	NT #10-32HXG5
24	024927	2	NT .250-20HXG5
25	000323	2	CLIP, HOSE CLAMP
26	015818P	46 cm	FUEL LINE, 1/4" - 6 FT
27	604274	1	VAPOR LINE, 3/16 FORMED

Comments for Page: Engine (Multi-Page)

1. Supplied with the engine.2. Torque to 61–65 N•m. Replace (do not reuse) the cap screw if it is removed or loosened. Use only hand tools to install this fastener.3. Torque to 41–47 N•m. Replace (do not reuse) the cap screw if it is removed or loosened. Use only hand tools to install this fastener.4. Torque to 23 N•m.5. Part of the fuel system.6. Part of the wire harness.FUEL LINE LENGTHA: 4 46 cm TANK TO FUEL FILTER (FUEL)



Item	Part No.	Qty	Name
1	068478	1	FUEL FILTER - IN LINE
2	603059	1	AIR FILTER - MAIN
3	602581	1	ENGINE OIL FILTER
4	604369	1	O-RING
5	604350	1	VALVE, OIL DRAIN



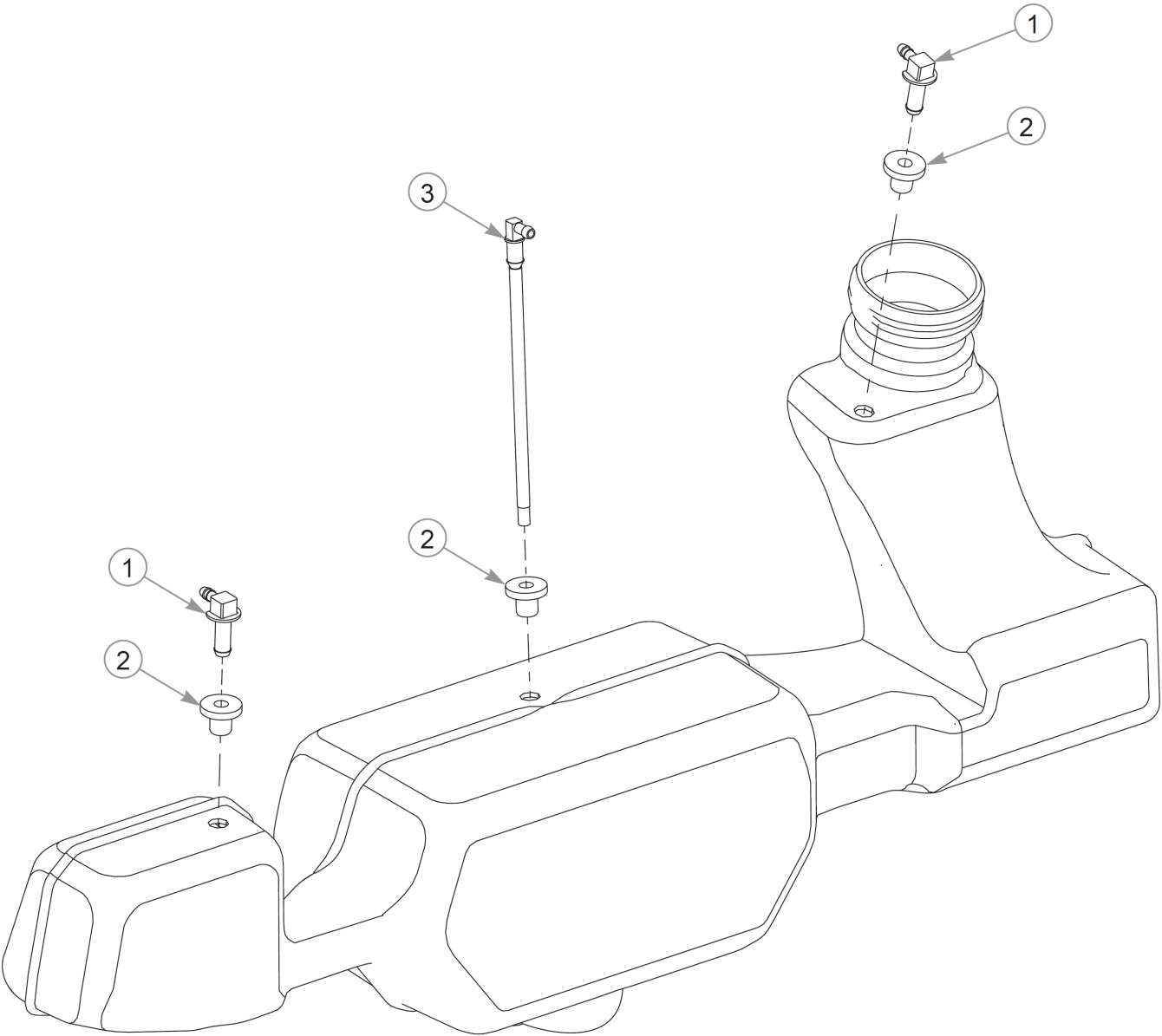
Fuel System

48" Raptor SD Parts Manual - 938340CE - HTRSDL048KAWFR691VC

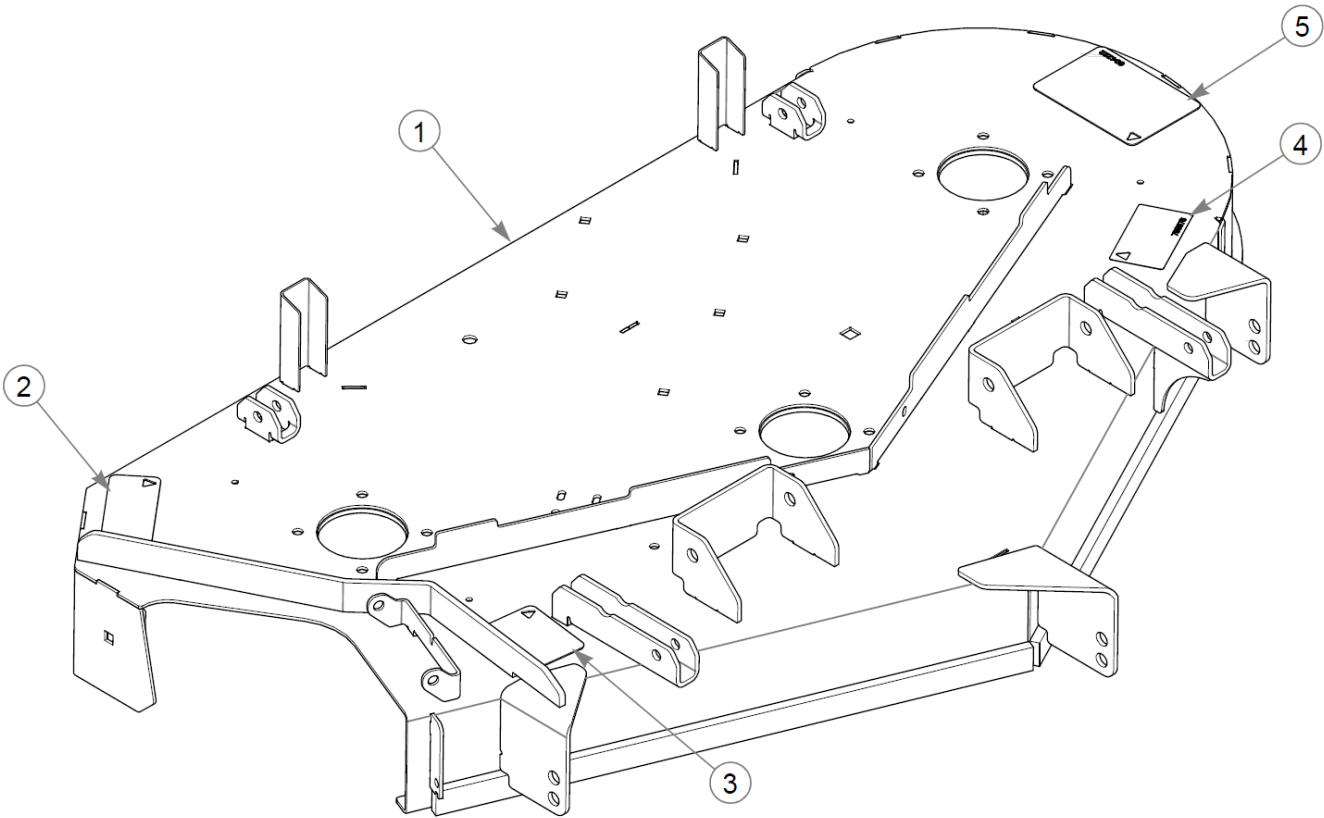
Item	Part No.	Qty	Name
1	606432	1	FUEL TANK
2	603807	1	CAP, 3.5" RATCHETING GAS
3	117059	1	TANK MNT LEFT
4	117060	1	TANK MNT RIGHT
5	713198P	1	SEAL 3/8x3/4 - 6 FT
6	055939	3	CS .250-20X0.75 HX G5 ZN
7	768515	3	FW 0.281SAE
8	604279	1	VAPOR LINE, 3/16 FORMED
9	604322	1	1/4" HOSE BARB CROSS
10	604273	1	VAPOR LINE, 3/16 FORMED
11	604292	1	BOOT, 3/16" TO 1/4" BARB
12	604323	1	VAPOR SYSTEM FILTER
13	000331	2	WIRE TIE, SMALL/SHORT
14	604307	2	MOUNT, PUSH BUTTON
15	033035P	1	WEATHERSTRIP .12X.75 - 2FT
16	601400	1	GM .63 x1.13 x.88 x .13

Comments for Page: Fuel System

WEATHERSTRIP & SEAL LENGTHA: 23.5 cmB: 13 cmC: 30 cm



Item	Part No.	Qty	Name
1	604199K	2	VENT FITTING SVC KIT
2	604200K	3	GROMMET SVC KIT
3	605126K	1	SUCTION HOSE SVC KIT

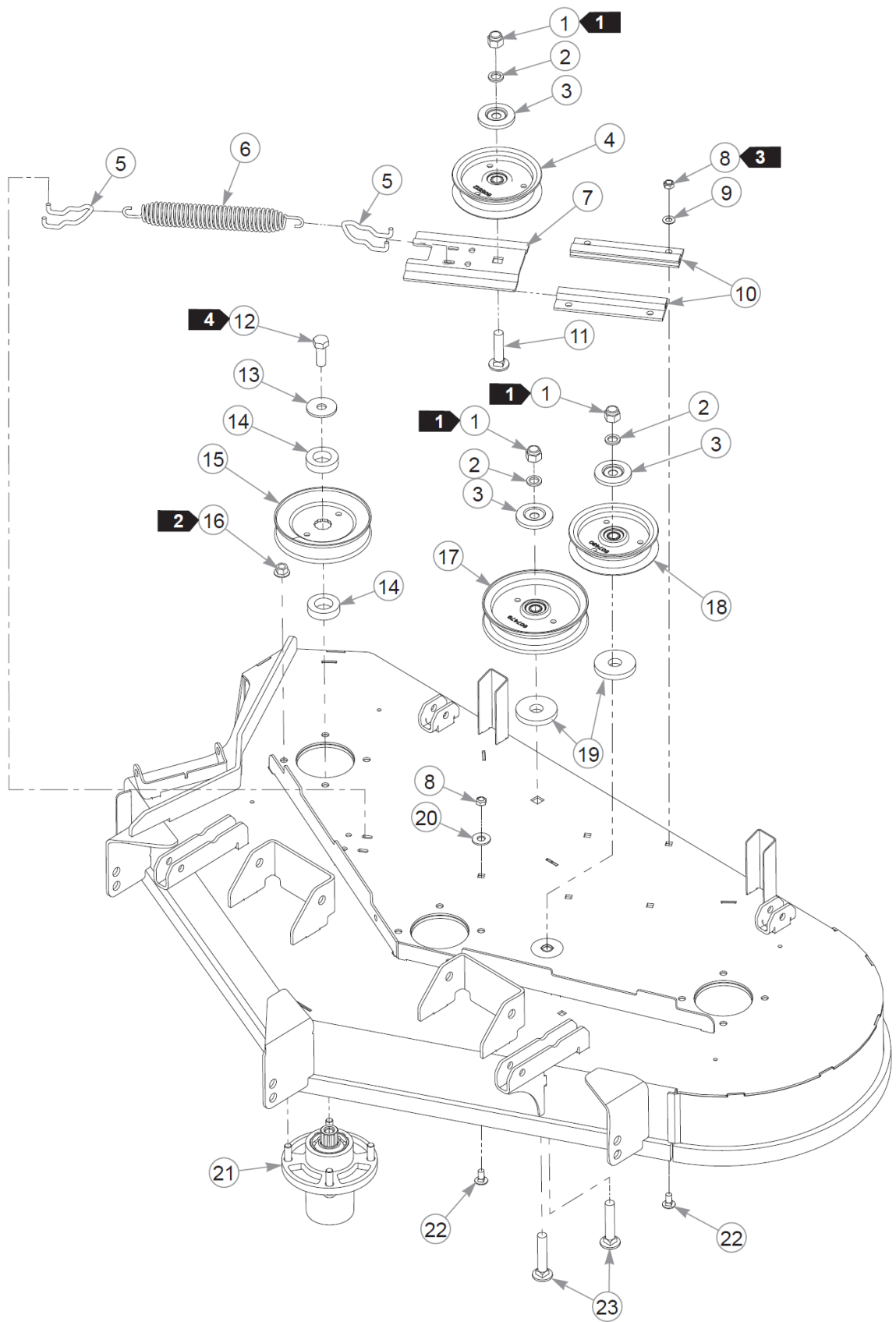


Service Deck

Item	Part No.	Qty	Name
1	554449	1	48" SERVICE DECK
2	601624	1	DECAL, DISCHARGE CHUTE
3	601837	1	DECAL, DECK DANGERS
4	793976	1	DECAL,48"DECK ID
5	604222	1	DECAL, DANGER / OBJECTS

Comments for Page: Service Deck

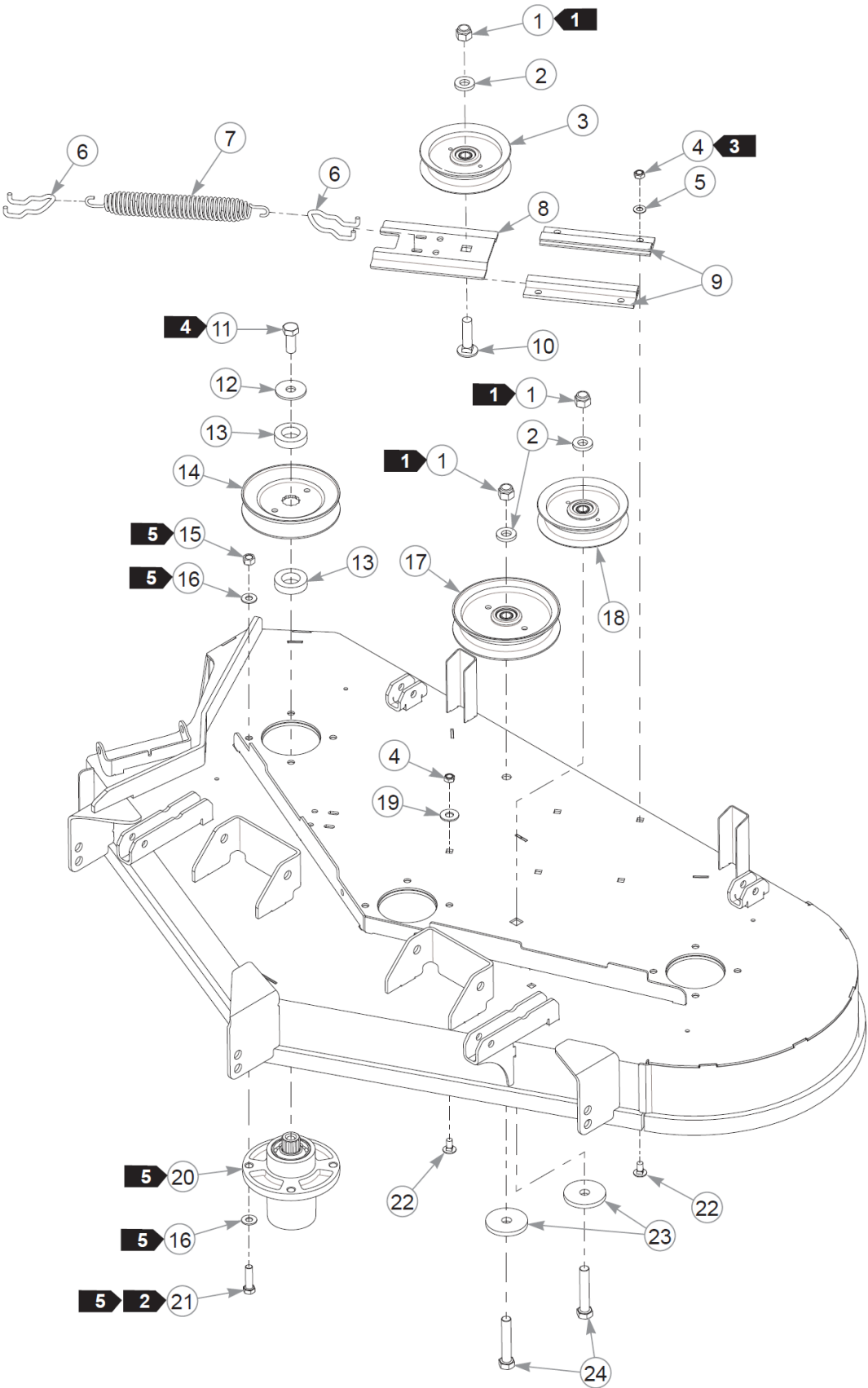
- 1. The deck includes the decals.



Item	Part No.	Qty	Name
1	781567	3	NT .500-13NLG5
2	604486	3	FW .531X.812X.089 HD
3	605467	3	DUST SHIELD
4	605512	1	4" IDLER PULLEY
5	604110	2	ANCHOR, SPRING TENSIONER
6	607616	1	SPRING, DECK IDLER
7	604194	1	SLED, IDLER
8	604251	5	NT .312-18 HX NL JAM G2 ZN
9	604252	4	FW .340X.68X.04 ZN
10	604079	2	IDLER SLIDE, EXTRUDED
11	604253	1	CB .50-13 X 2.00 STD ZN
12	705954	3	CS .500-13X1.25 HX G5 ZN
13	798603	3	FW .515X1.65X.12 HD ZN
14	604661	6	SPACER, SPINDLE PULLEY
15	604665	3	PULLEY, DECK DRIVE B-SEC
16	604515	12	NT .375-16 FL NY GF
17	607479	1	IDLER PULLEY, 5.00"
18	607480	1	IDLER PULLEY, 4.00"
19	605508	2	FW .73X2.25X.31 ZN
20	017129	1	FW .440X1.00X0.08 ZN
21	607418	3	BLADE SPINDLE ASSY
22	083147	5	CB .312-18X .620 G5 ZN
23	604254	2	CB .50-13 X 2.50 STD ZN

Comments for Page: Deck Pulleys & Spindles - S/N 20012918 & HIGHER

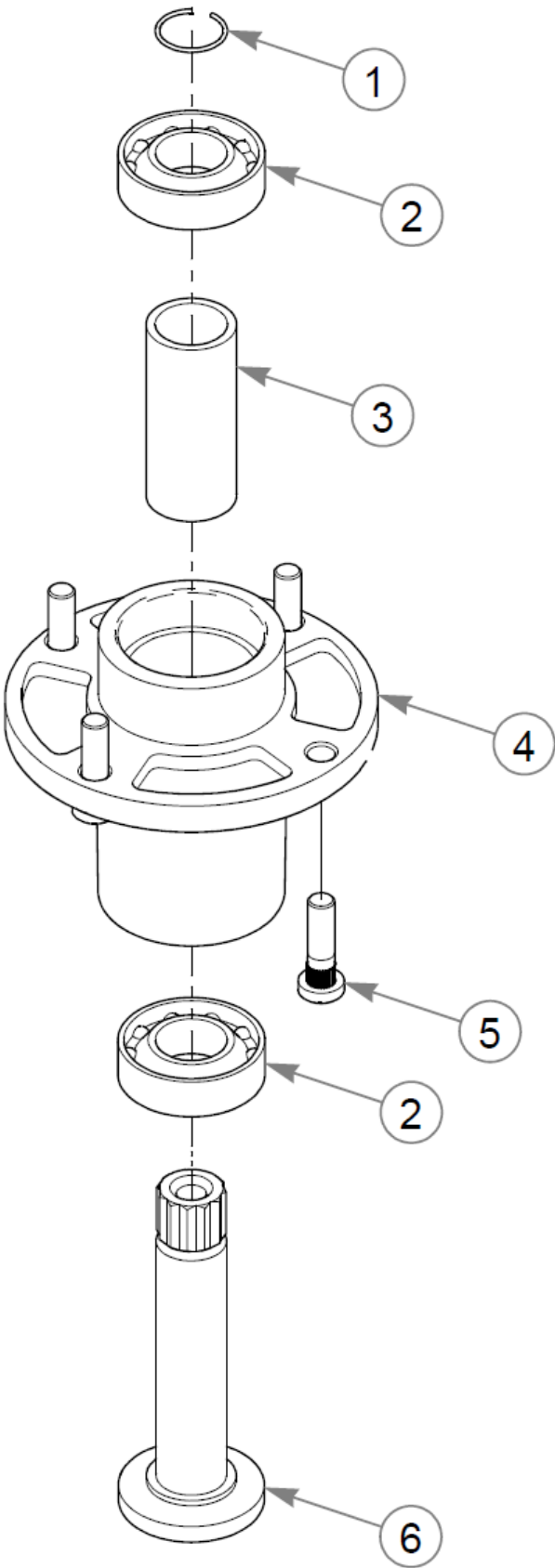
1. Torque to 99 N•m. 2. Torque to 40 N•m. 3. Torque to 4–8 N•m.



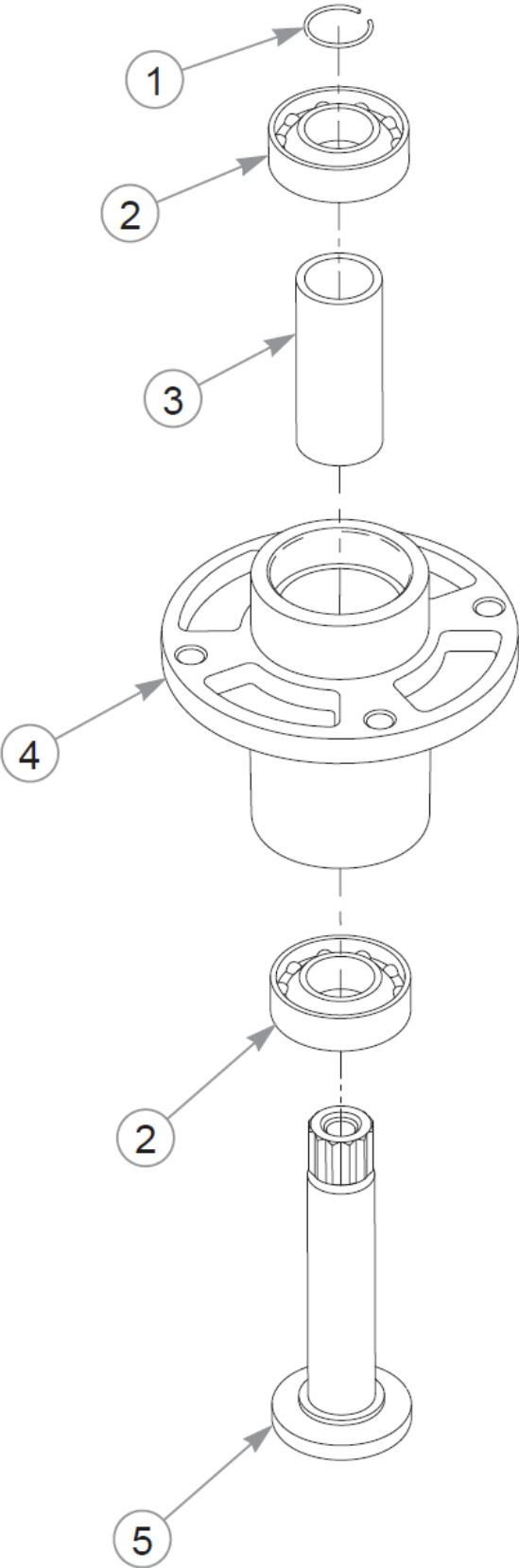
Item	Part No.	Qty	Name
1	781567	3	NT .500-13NLG5
2	767962	3	FW .531 x 1.063 x .175
3	605512	1	4" IDLER PULLEY
4	604251	5	NT .312-18 HX NL JAM G2 ZN
5	604252	4	FW .340X.68X.04 ZN
6	604110	2	ANCHOR, SPRING TENSIONER
7	607616	1	SPRING, DECK IDLER
8	604194	1	SLED, IDLER
9	604079	2	IDLER SLIDE, EXTRUDED
10	604253	1	CB .50-13 X 2.00 STD ZN
11	705954	3	CS .500-13X1.25 HX G5 ZN
12	798603	3	FW .515X1.65X.12 HD ZN
13	604661	6	SPACER, SPINDLE PULLEY
14	604665	3	PULLEY, DECK DRIVE B-SEC
15	054502	12	NT .375-16HXG5
16	767954	24	FW .379 X .82 X .06 HD ZN
17	126124	1	SVC KIT 604231 PULLEY
18	126123	1	SVC KIT 604219 PULLEY
19	017129	1	FW .440X1.00X0.08 ZN
20	607418	3	BLADE SPINDLE ASSY
21	005116	12	CS .375-16X1.38 HX G5 ZN
22	083147	5	CB .312-18X .620 G5 ZN
23	605516	2	FW .531 x 2.25 x .25 ZN
24	721910	2	CS .500-13X2.750HXG5

Comments for Page: Deck Pulleys & Spindles - S/N PRIOR TO 20012918

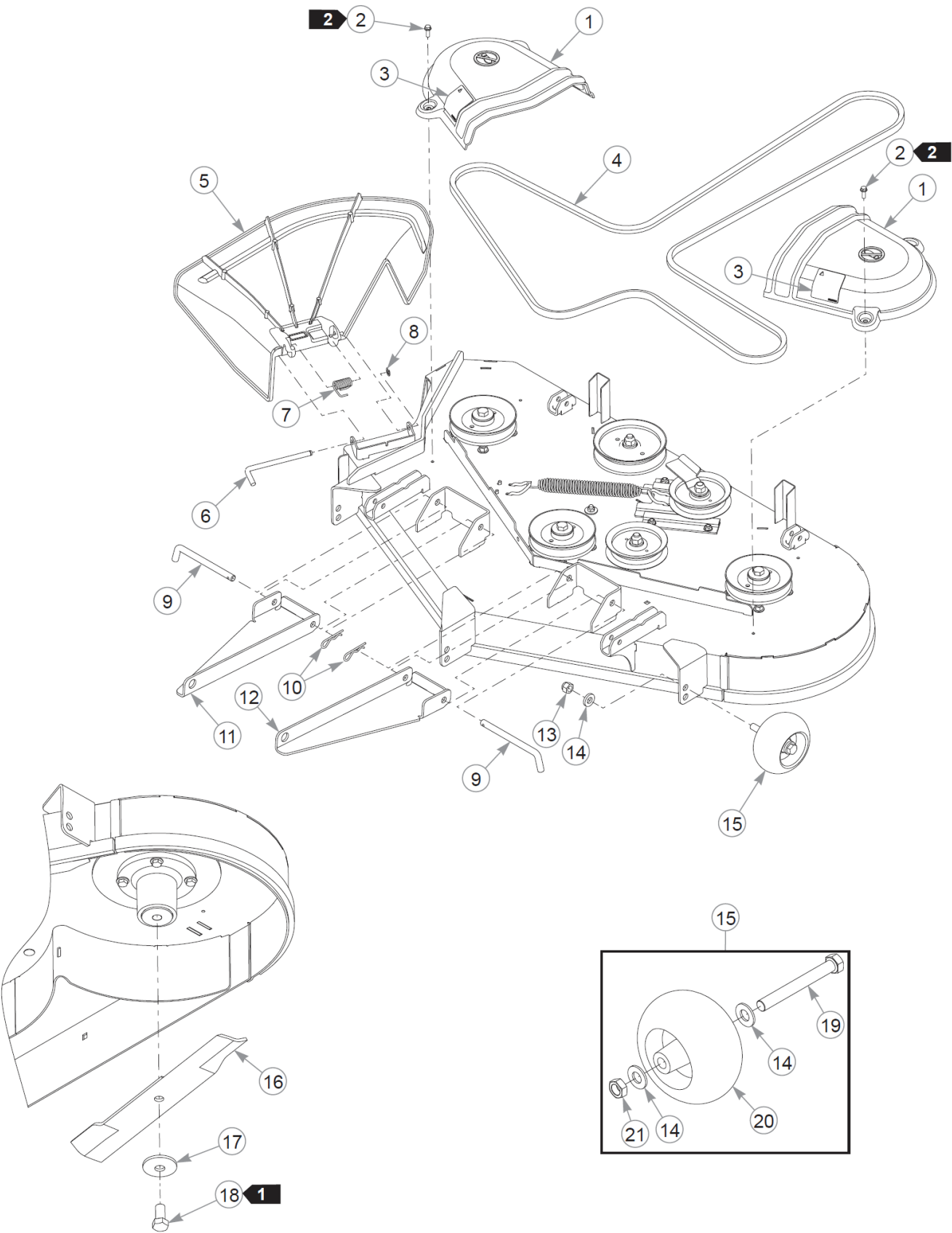
1. Torque to 99 N•m.
2. Torque to 40 N•m.
3. Torque to 4–8 N•m.
4. Torque to 99 N•m.
5. 054502, 767954, & 005116 are used with Spindle 601804, which is no longer available.



Item	Part No.	Qty	Name
1	783548	1	RING, BLADE SPINDLE RET
2	601827	2	BEARING, 6205 2RST C3
3	601830	1	SPACER, BLADE SPINDLE
4	607419	1	SVC, SPINDLE HOUSING
5	607416	4	AXEL BOLT 3/8-16 X 1.375
6	601829	1	SHAFT, BLADE SPINDLE



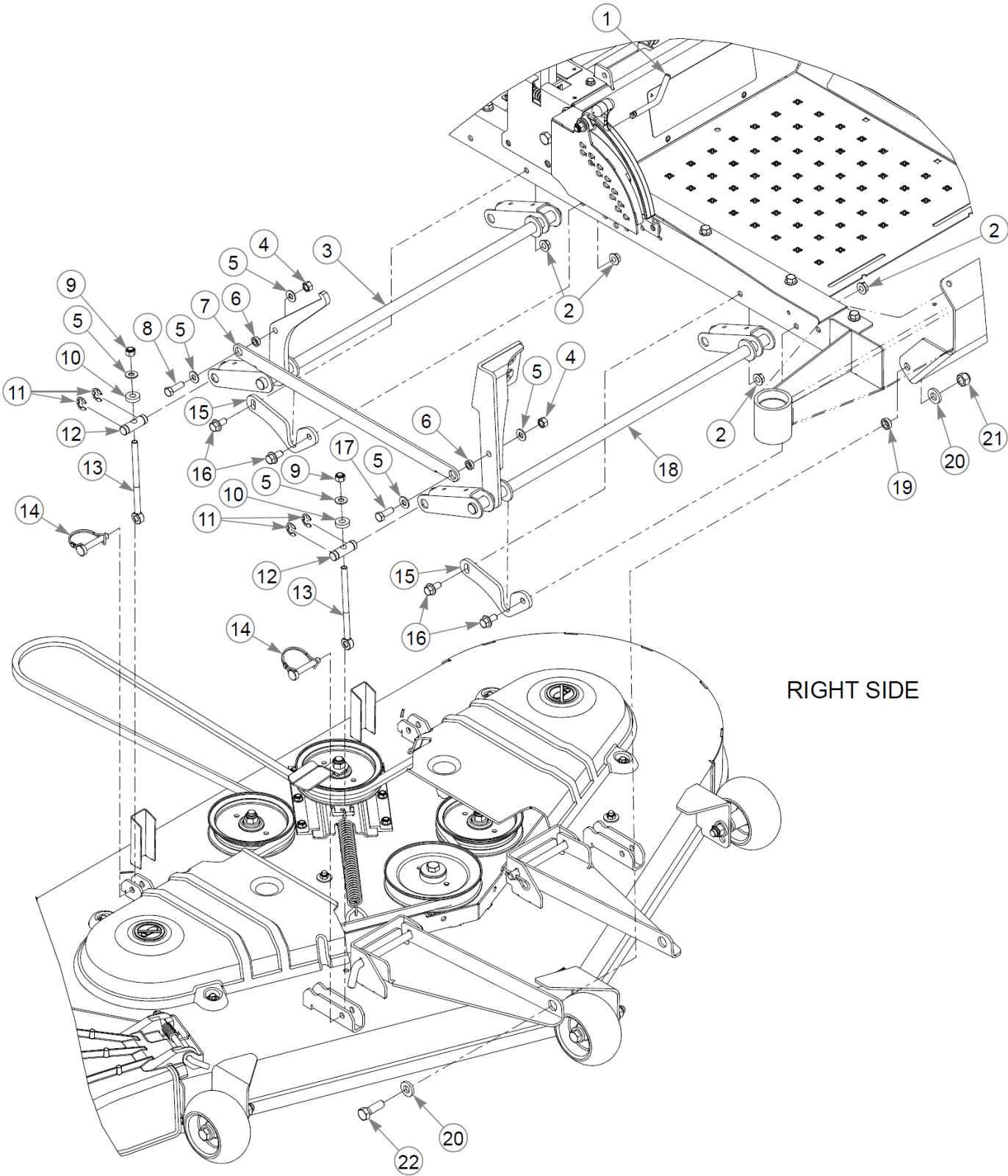
Item	Part No.	Qty	Name
601804	607418	1	BLADE SPINDLE ASSY
1	783548	1	RING, BLADE SPINDLE RET
2	601827	2	BEARING, 6205 2RST C3
3	601830	1	SPACER, BLADE SPINDLE
4	601828	1	HOUSING, BLADE SPINDLE
5	601829	1	SHAFT, BLADE SPINDLE



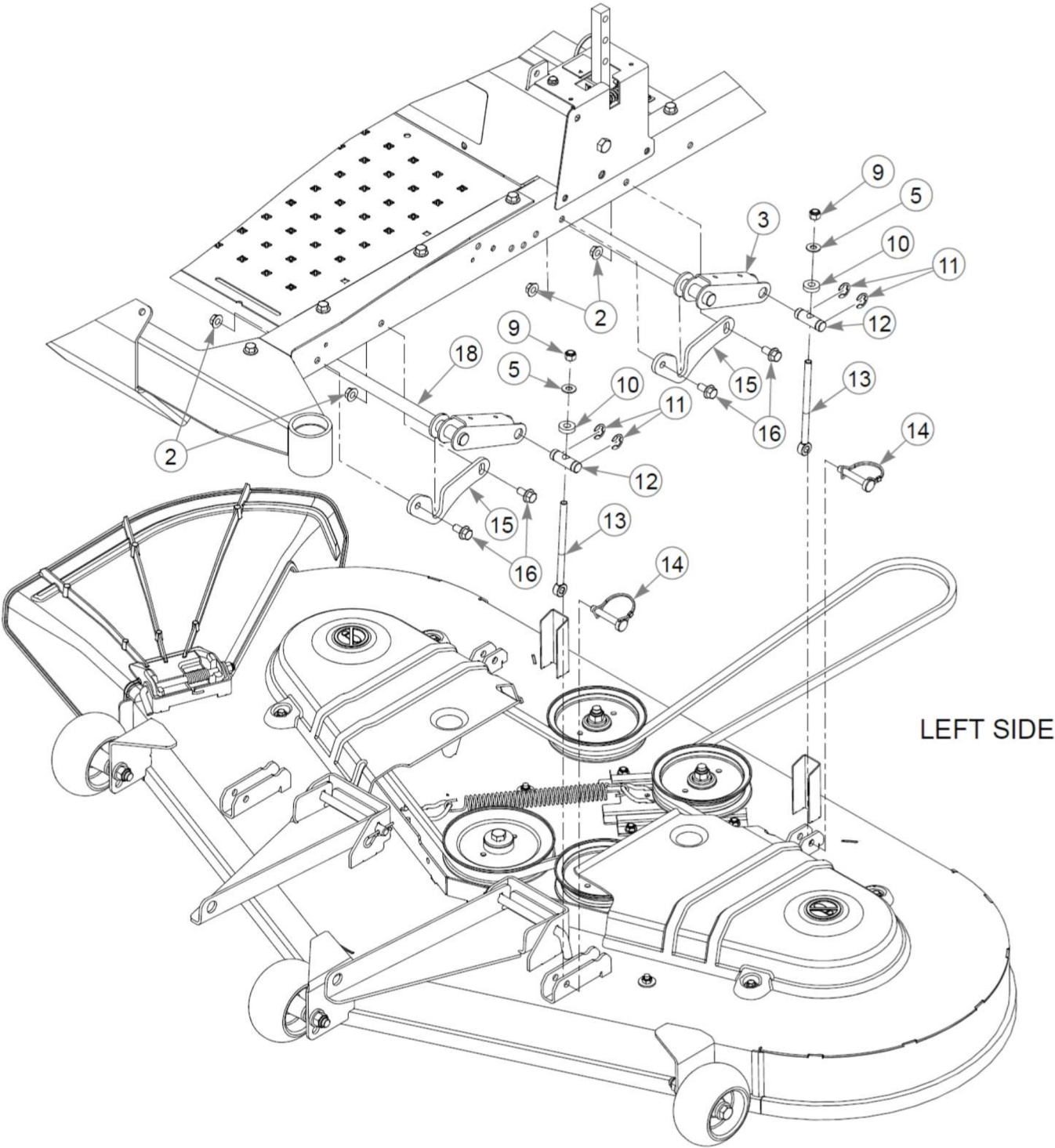
Item	Part No.	Qty	Name
1	553531	2	SVC PULLEY COVER,
2	604324	4	CS .250-20 X .75 HX FLG
3	602562	2	DECAL, NO SERVICE
4	604830	1	DECK BELT
5	606930	1	RSD DISCHARGE CHUTE
6	606981	1	PIN, CHUTE
7	604331	1	CHUTE SPRING
8	603332	1	CLIP E .66 X .303 X .035
9	604658	2	PIN, PULLER
10	017301	2	HP .125 X2.375 ZN
11	117877	1	PULLER, RS
12	117878	1	PULLER, LS
13	781567	3	NT .500-13NLG5
14	767962	5	FW .531 x 1.063 x .175
15	788166	3	WHEEL ASSY, ANTI SCALP
16	601123	3	BLADE, 16.50"-L-F-CW
	601014	3	BLADE, F16.50"-L-F-CW
	795757	3	BLADE, F16.50"-H-F-CW
	796649	3	BLADE, 16.50"-CAT-F-CW
	796631	3	BLADE, 16.50"-GAT-F-CW
	796623	3	BLADE, 16.50"-MUL-F-CW
17	782474	3	CW .678 X 2.250 X .187
18	781872	3	CS .625-11 X 1.250 HX G5
19	781708	1	CS .500-13X4.25 HX G5 ZN
20	031997	1	ANTI-SCALP WHEEL
21	053199	1	NT .500-13JAMG5

Comments for Page: Deck Belt, Discharge Chute, Pulley Cover & Blades

1. Torque to 160 N•m. 2. Torque to 3–7 N•m on these 4 self-tapping screws. 3. The pulley covers include the decals. 4. The plastic wheel assembly includes the hardware.



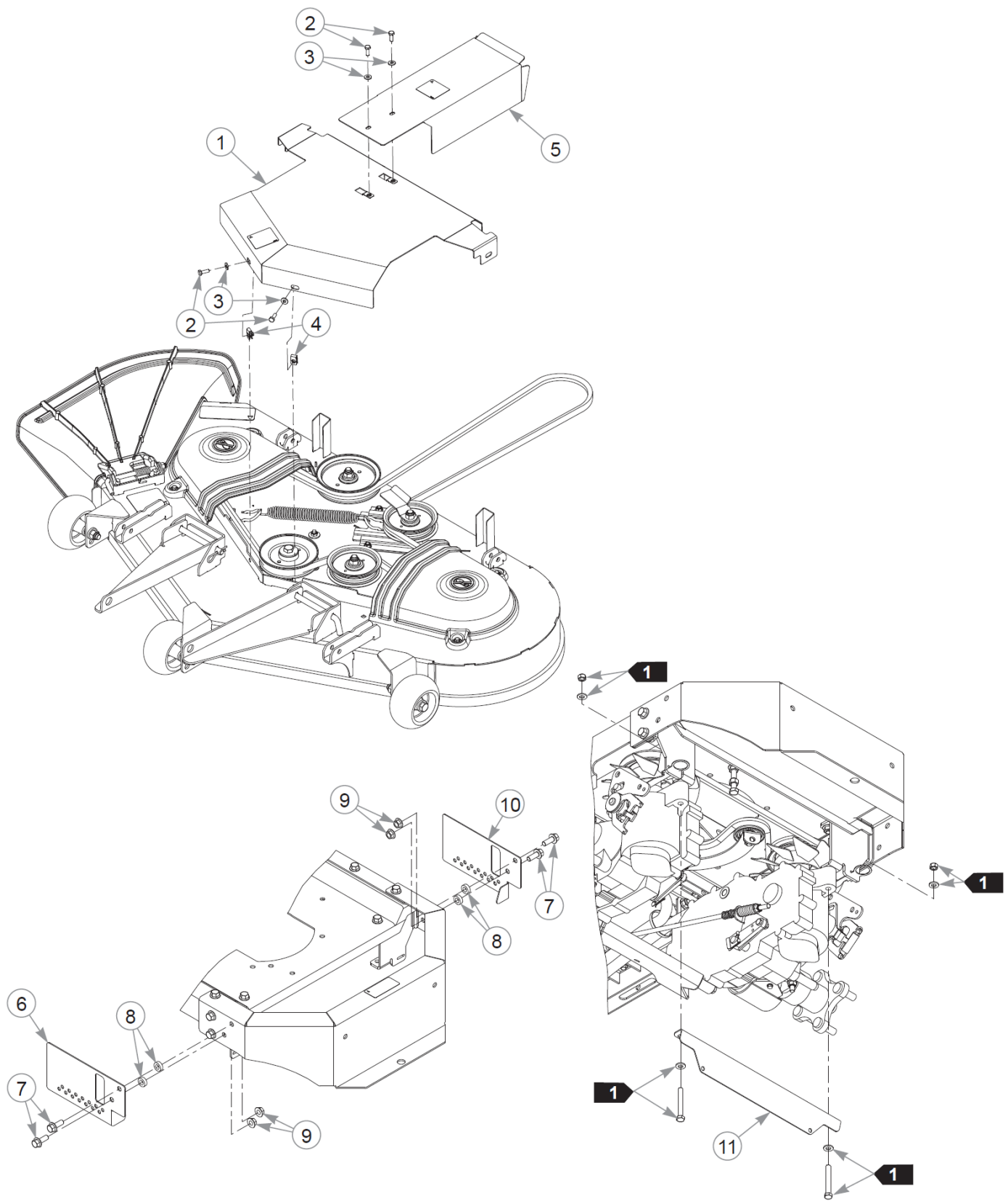
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Deck Lift & Mounting Hardware (Multi-Page)

48" Raptor SD Parts Manual - 938340CE - HTRSDL048KAWFR691VC

Item	Part No.	Qty	Name
1	118020	1	PIN, INDICATOR
2	016899	8	NT .375-16 FLK G5
3	118085	1	DECK LIFT W/A, REAR
4	054502	2	NT .375-16HXG5
5	767954	8	FW .379 X .82 X .06 HD ZN
6	601839	2	PIVOT SPACER BUSHING
7	118016	1	LIFT PEDAL, LINK
8	005132	1	CS .375-16X1.12 HX G5 Z
9	086660	4	NT .375-16NLG8
10	605114	4	FW .41X.94X.25 UHMW
11	791673	8	CLIP E,.625x.480x.042 Z
12	118018	4	PIVOT, DECK LIFT
13	604579	4	LINK, DECK LIFT
14	604803	4	CE .375 x 2.00 W/BALE
15	116151	4	PIVOT BLOCK, DECK LIFT
16	029629	8	CS .375-16X0.75 HXF G5ZN
17	036244	1	CS .375-16 X 1.00 HX G5 ZN
18	118084	1	DECK LIFT W/A, FRONT
19	604656	2	PIVOT SPACER BUSHING
20	767962	4	FW .531 x 1.063 x .175
21	781567	2	NT .500-13NLG5
22	074252	2	CS .500-13X1.50 HX G5 ZN



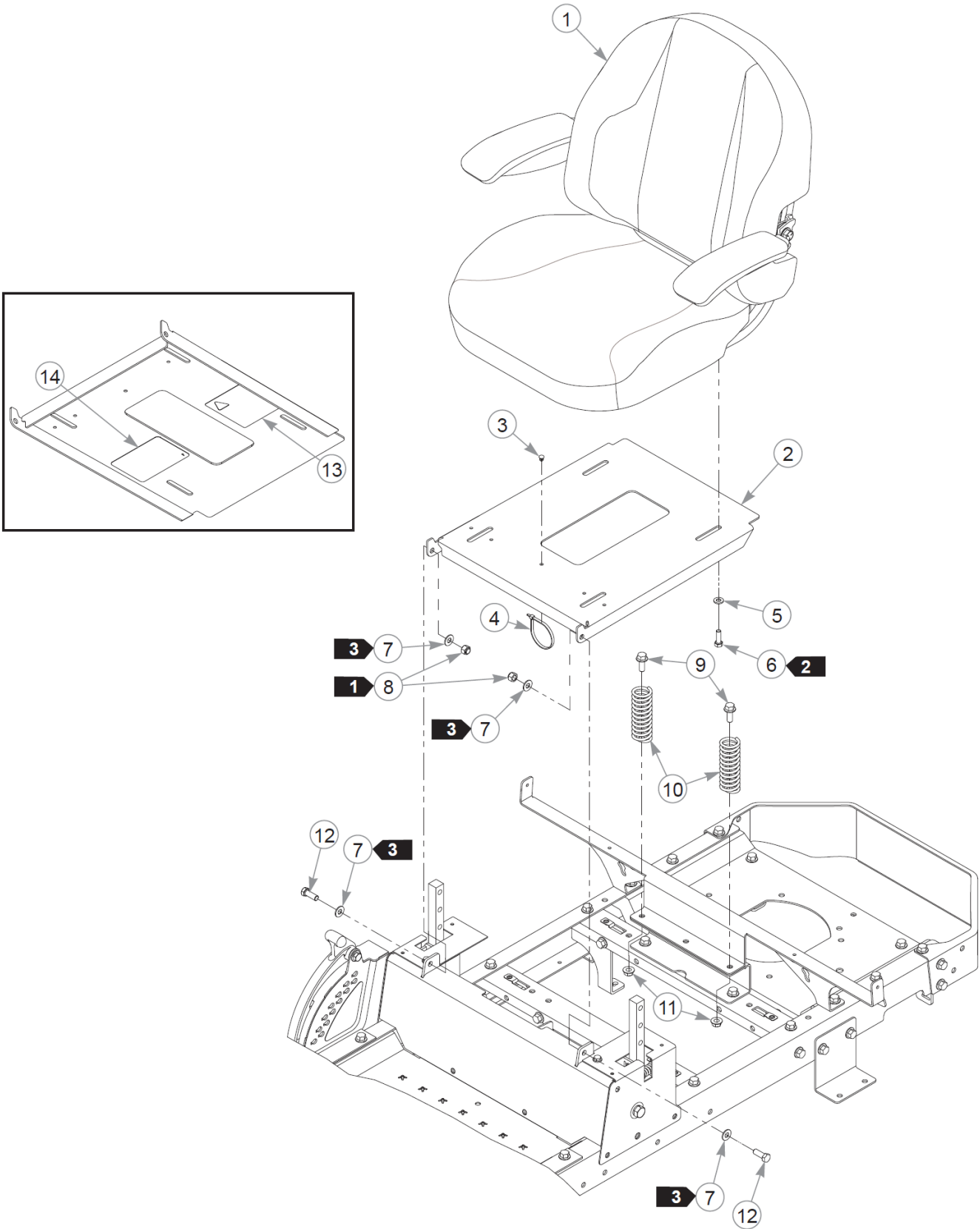
CE Guard Kit

48" Raptor SD Parts Manual - 938340CE - HTRSDL048KAWFR691VC

Item	Part No.	Qty	Name
1	552981	1	SERVICE GUARD
2	055939	4	CS .250-20X0.75 HX G5 ZN
3	768515	4	FW 0.281SAE
4	601982	2	CN .250-20X .150 MAX THK
5	552982	1	SERVICE GUARD
6	122347	1	GUARD, TRANS LH, CE- KIT
7	029751	4	CS .375-16X1.00 HXF G5ZN
8	073858	4	FW .406 X .750 X .250 ZN
9	016899	4	NT .375-16 FLK G5
10	122346	1	GUARD, TRANS RH ,CE- KIT
11	120838	1	REAR TRANSMISSION BRACE

Comments for Page: CE Guard Kit

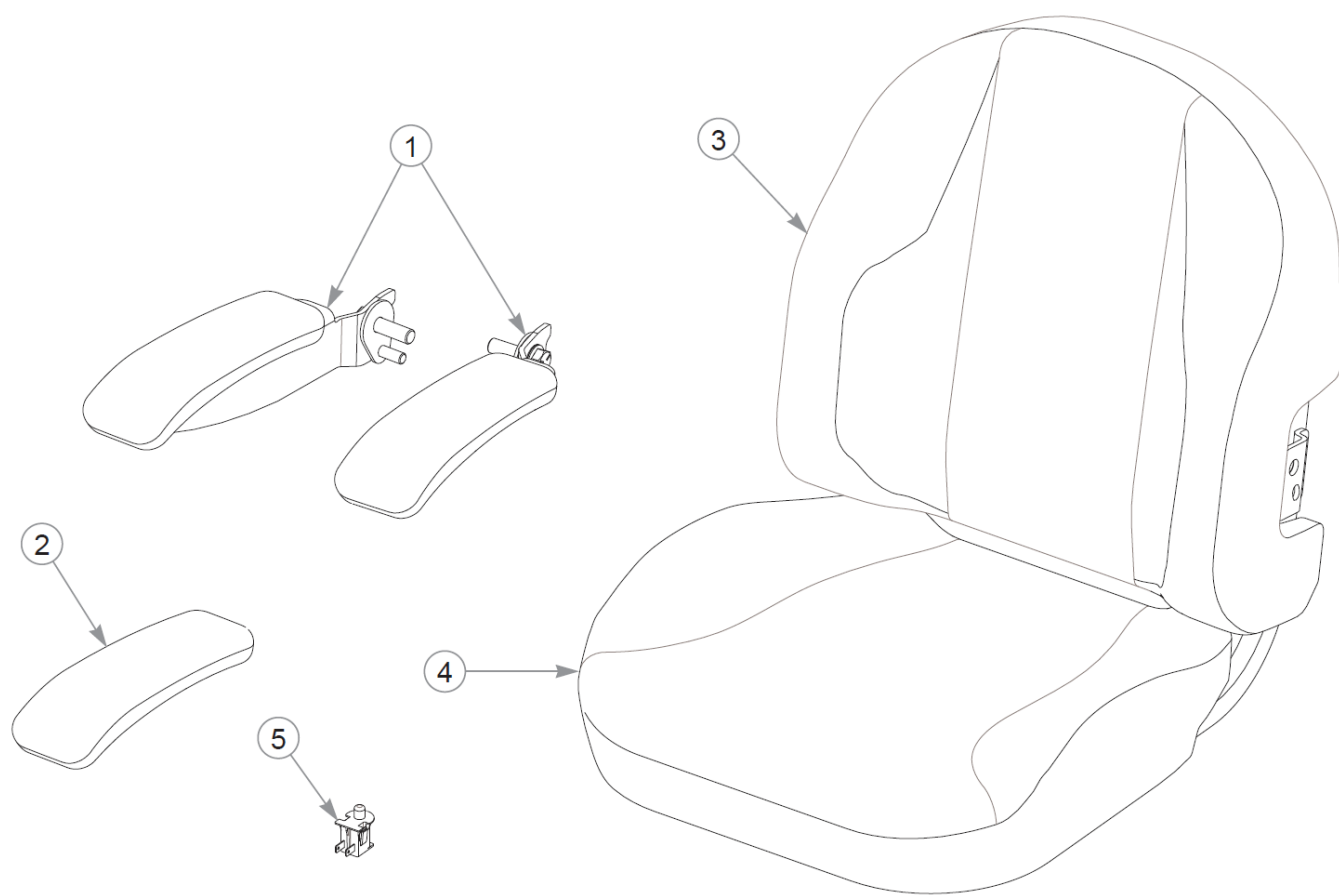
1. Part of the Transmission Assembly.



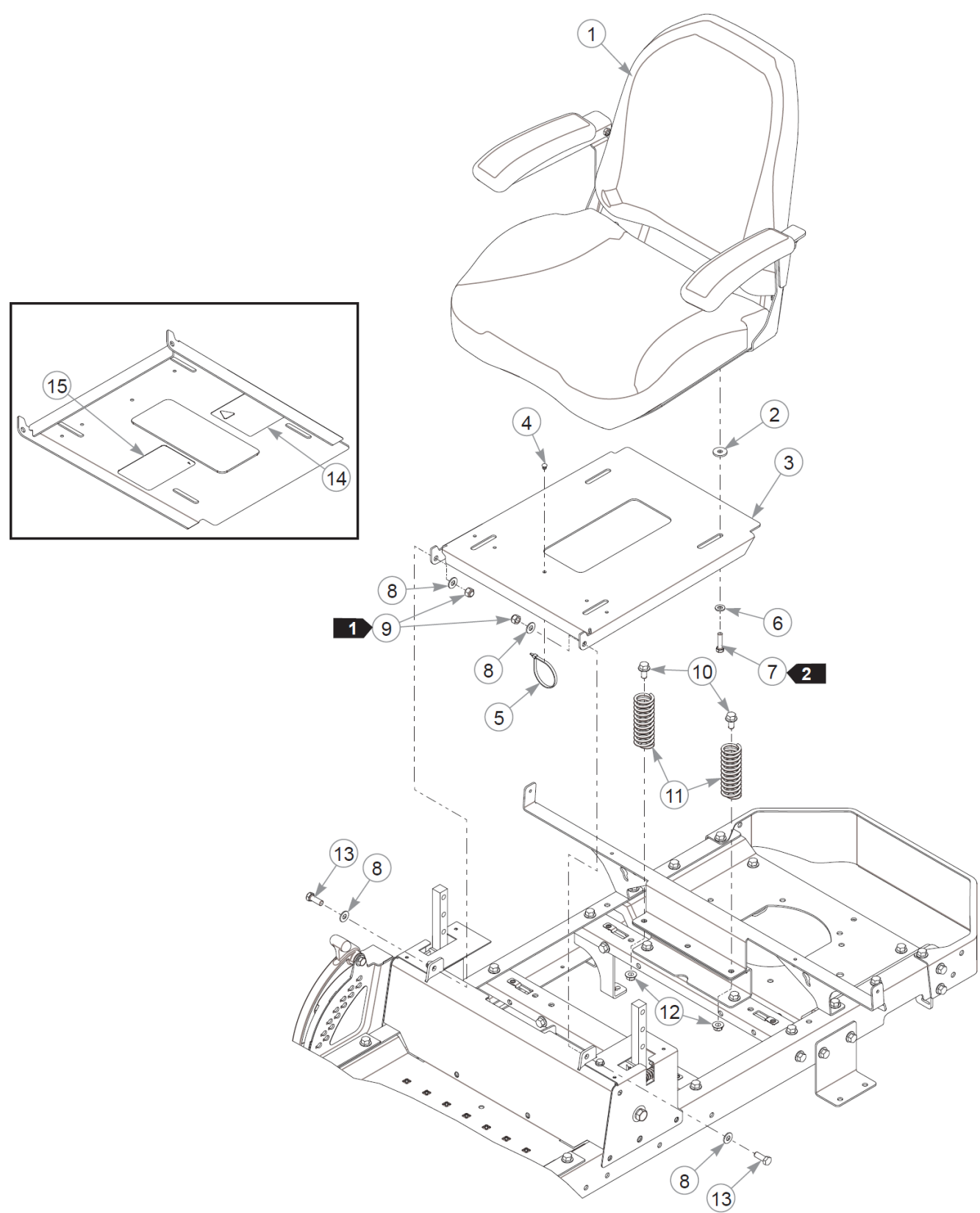
Item	Part No.	Qty	Name
1	607347	1	SEAT
2	552751	1	SVC, SEAT PAN
3	604307	1	MOUNT, PUSH BUTTON
4	000331	1	WIRE TIE, SMALL/SHORT
5	768523	4	FW .343 SAE
6	036236	4	CS .312-18 X 1.000 HX G5
7	767954	4	FW .379 X .82 X .06 HD ZN
8	086660	2	NT .375-16NLG8
9	029751	2	CS .375-16X1.00 HXF G5ZN
10	793851	2	SPRING,COMP 1.25X4.00X.
11	016899	2	NT .375-16 FLK G5
12	036244	2	CS .375-16 X 1.00 HX G5 ZN
13	781419	1	DECAL, BELT ROUTING
14	601815	1	DECAL, BATTERY WARNINGS

Comments for Page: Seat - S/N 19084846 & Higher

1. Do not torque; the seat pan must pivot freely.
 2. Torque to 12–19 N•m.
 3. The seat pan (552751) includes decals.
 4. 602243 is used on 36" & 42" mowers.
- 781419 is used on 48" mowers.



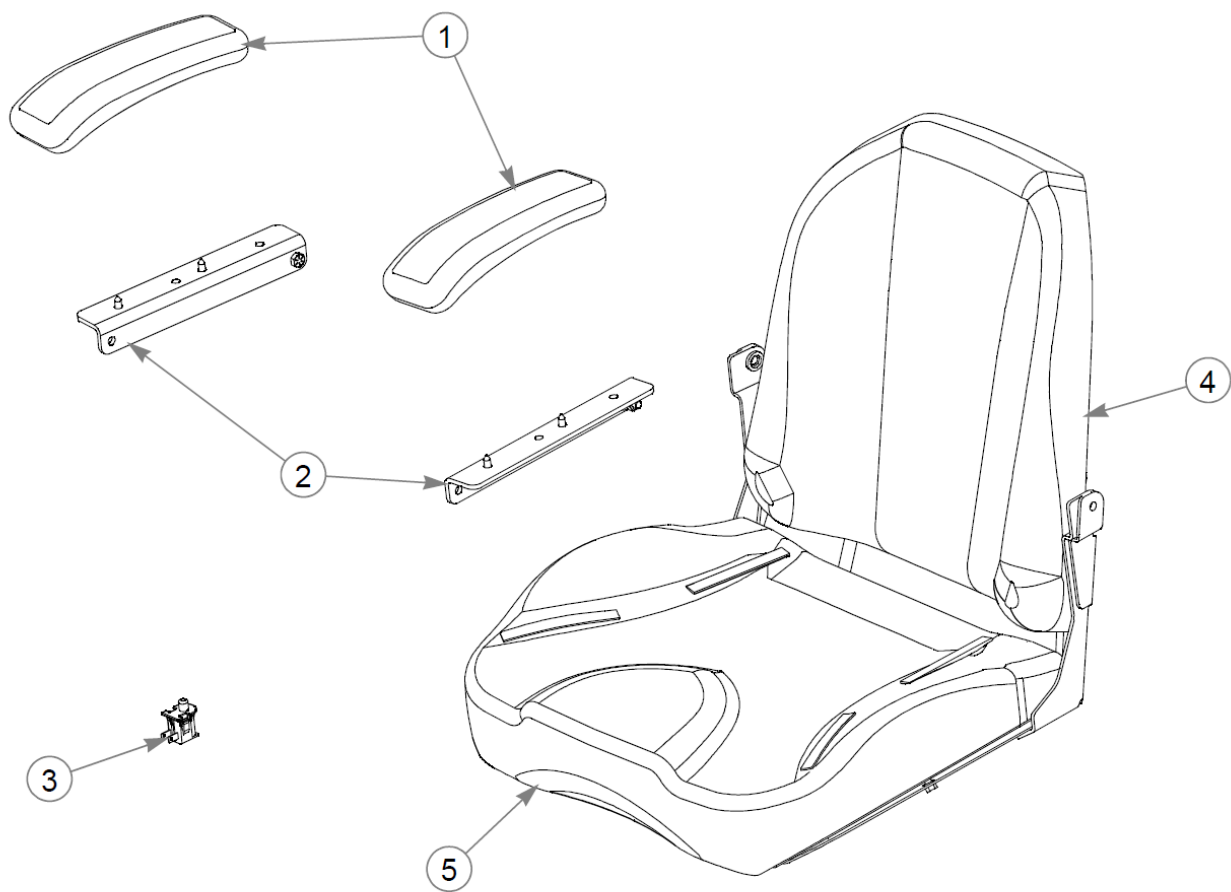
Item	Part No.	Qty	Name
1	607166	1	SVC, ARM REST KIT
2	606081	1	SVC, ARM PAD
3	607348	1	SVC, SEAT BACK COVER
4	607349	1	SVC, SEAT CUSHION COVER
5	606082	1	SVC, OPS



Item	Part No.	Qty	Name
1	606077	1	S/C TO 607347
2	712927	4	FW 0.344X1.00X.12 HD ZN
3	552751	1	SVC, SEAT PAN
4	604307	1	MOUNT, PUSH BUTTON
5	000331	1	WIRE TIE, SMALL/SHORT
6	768523	4	FW .343 SAE
7	079186	4	CS .312-18X1.250HXG5
8	767954	4	FW .379 X .82 X .06 HD ZN
9	086660	2	NT .375-16NLG8
10	029629	2	CS .375-16X0.75 HXF G5ZN
11	793851	2	SPRING,COMP 1.25X4.00X.
12	016899	2	NT .375-16 FLK G5
13	036244	2	CS .375-16 X 1.00 HX G5 ZN
14	781419	1	DECAL, BELT ROUTING
15	601815	1	DECAL, BATTERY WARNINGS

Comments for Page: Seat - S/N PRIOR TO 19084846

1. Do not torque; the seat pan must pivot freely.2. Torque to 12–19 N•m.3. When replacing the seat pan, order (4) washers, 767954.4. The seat pan (552751) includes decals.



Item	Part No.	Qty	Name
	606077	1	S/C TO 607347
1	606081	2	SVC, ARM PAD
2	606085	1	SVC, ARMEST SET
3	606082	1	SVC, OPS
4	606083	1	SVC, BACK CUSHION
5	606084	1	SVC, SEAT CUSHION

Comments for Page: Seat Service Parts - 606077

- 1. The arm bracket kit includes right and left side brackets.