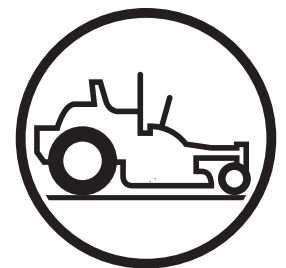


Parts Manual

Ram Xs5025 / 968999722

Ram Xs6025 / 968999723

Ram Xs7227 / 968999724



Please read the operator's manual carefully and make sure you understand the instructions before using the machine.

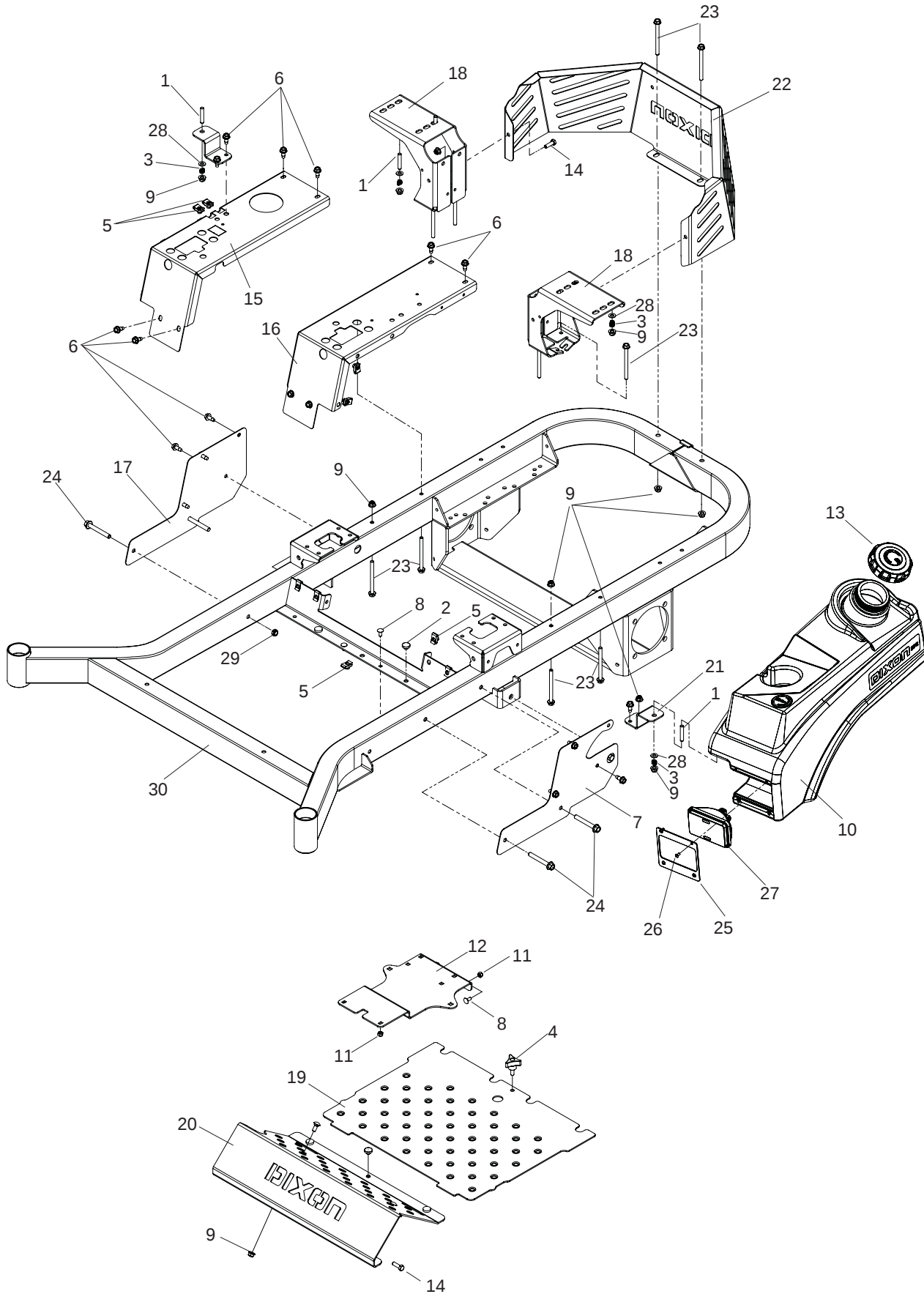
English

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NOTE: ALL FASTENERS ARE GRADE 5 UNLESS OTHERWISE SPECIFIED.

CHASSIS / FRAME

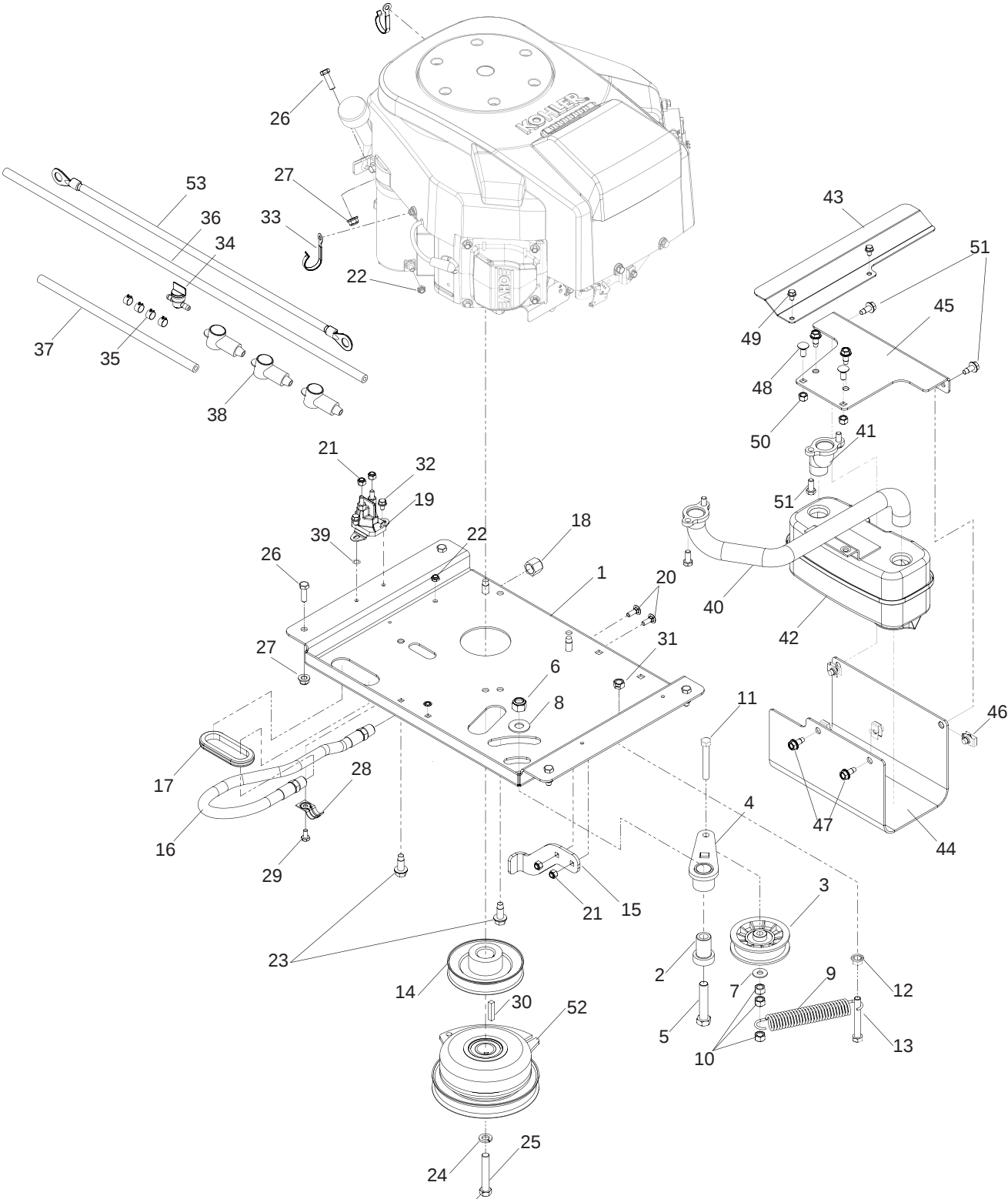


CHASSIS / FRAME

ITEM	PART NO.	QTY.	DESCRIPTION
1..	539 102502	... 6 ...	$\frac{5}{16}$ STUD
2..	539 102587	... 5 ...	GROMMET,BUMPER
3..	539 102845	... 7 ...	SPRING, TANK MOUNT
4..	539 104411	... 1 ...	KNOB W/STUD
5..	539 104763	. 12 ...	"U" TYPE RETAINER
6..	539 107475	. 18 ...	BOLT $\frac{5}{16}$ -18 x $\frac{3}{4}$ THD FRM
7..	539 132179	... 1 ...	SIDE, LT
8..	539 111786	... 4 ...	RHSSNB $\frac{1}{4}$ -20 x $\frac{5}{8}$
9..	539 112899	. 23 ...	NUT $\frac{5}{16}$ -18 HEX FLANGE
10..	539 114057	... 1 ...	TANK, FUEL
11..	539 976978	... 4 ...	NUT $\frac{1}{4}$ -20 HEX NYLOC
12..	539 131537	... 1 ...	MOUNT, BATTERY
13..	539 106188	... 1 ...	FUEL CAP
14..	539 990316	... 2 ...	RHSNB $\frac{5}{16}$ -18 x $\frac{3}{4}$
15..	539 131681	... 1 ...	PANEL, FILLER
16..	539 131684	... 1 ...	PANEL, FILLER

ITEM	PART NO.	QTY.	DESCRIPTION
17..	539 131687	... 1 ...	SIDE, RT, BL
18..	539 131692	... 2 ...	MT, TANK, RR
19..	539 132845	... 1 ...	FLOOR PAN W/DECALS
20..	539 131704	... 1 ...	PLATE, FOOTREST
21..	539 131706	... 2 ...	SUPPORT, TANK, BLK
22..	539 131710	... 1 ...	GUARD, REAR, DIXON
23..	539 131780	. 10 ...	HHFS $\frac{5}{16}$ -18 x $3\frac{3}{4}$
24..	539 131781	... 5 ...	HHFS $\frac{3}{8}$ -16 x $2\frac{3}{4}$
25..	539 114075	 1....	PLATE, LIGHT
26..	539 114341	... 2 ...	SCREW, 10-24 x $\frac{3}{8}$ SKT HD
27..	539 114232	 1 ...	LIGHT
28..	539 990188	... 7 ...	WASHER $\frac{5}{16}$ SAE FLAT
29..	539 200282	... 5 ...	NUT, $\frac{3}{8}$ -16 HEX JAM NYLOC
30..	539 132843	 1....	FRAME W/DECALS 52", 61"
	539 132844	... 1....	FRAME W/DECALS 72"

ENGINE PLATE

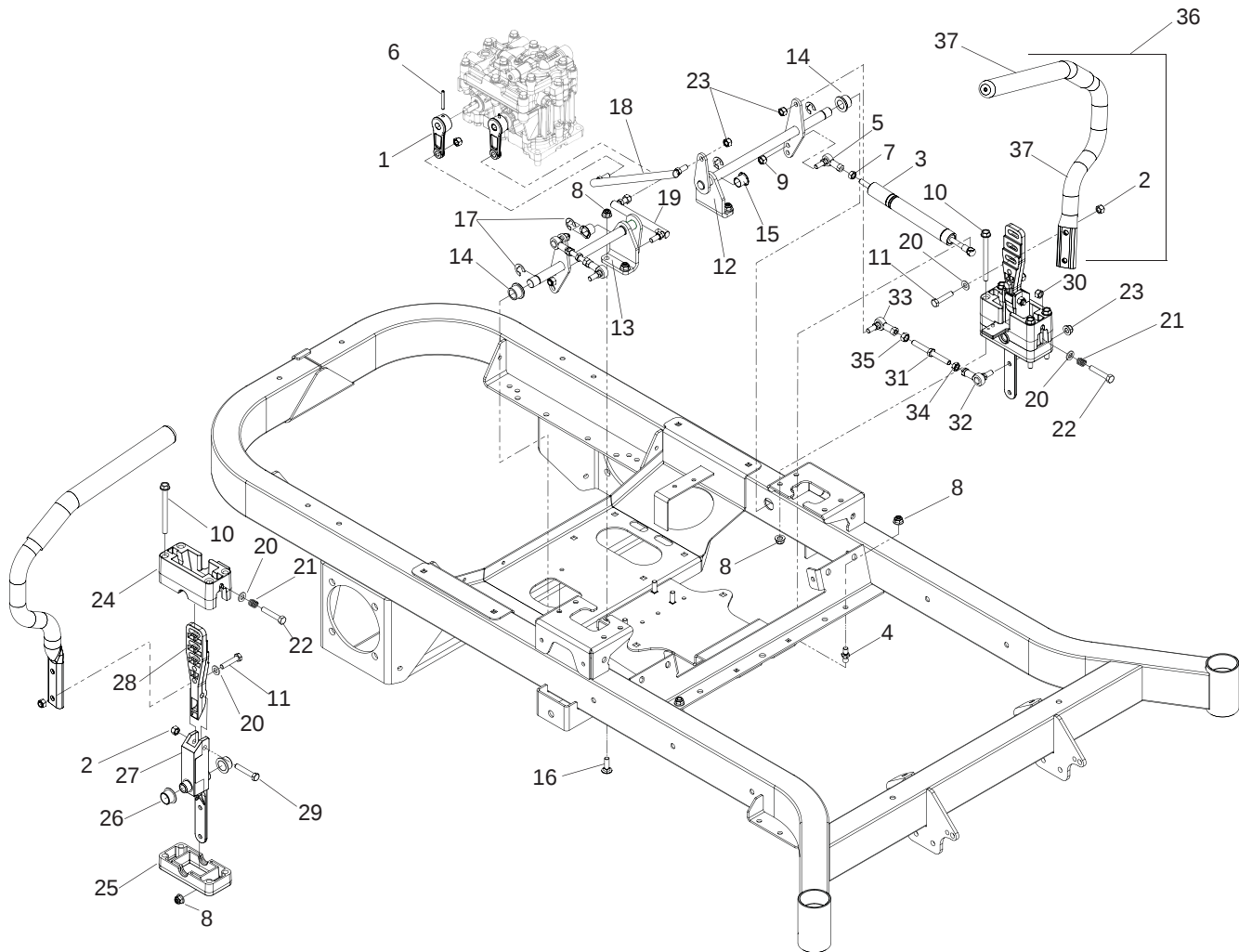


Torque to 50 ft/lbs

ENGINE PLATE

ITEM	PART NO.	QTY.	DESCRIPTION	ITEM	PART NO.	QTY.	DESCRIPTION
1..	539 131726....	1....	PLATE, ENGINE	30..	539 912757....	1....	KEY ¼ SQ x 1¼
2..	539 101231....	1....	IDLER SPINDLE	31..	539 990546....	1....	NUT ¾-16 HEX CNTRLK
3..	539 110311	1....	IDLER PULLEY	32..	539 990302....	2....	SCREW ¼-20 x ¾ THD FRM
4..	539 112092....	1....	IDLER ARM WLDMT	33..	539 107098....	2....	CLAMP
5..	539 108346....	1....	HCS ½-13 x 2½	34..	539 916325....	1....	FUEL VALVE
6..	539 101331....	1....	NUT ½ HEX NYLOC	35..	539 912222....	4....	HOSE CLAMP
7..	539 990692....	1....	WASHER, ⅝ ₁₆ STD FLT	36..	539 105382....	1....	FUEL LINE-30"
8..	539 990550....	1....	WASHER, ½ STD FLT	37..	539 108212....	1....	FUEL LINE-13"
9..	539 101977....	1....	TRACTION SPRING	38..	539 102759....	3....	INSULATOR
10..	539 976979....	3....	NUT ¾-16 HEX NYLOC	39..	539 990053....	1....	WASHER ¼ INT TOOTH LK
11..	539 110122....	1....	HCS ¾-16 x 2½ TPBLT	40..	539 131739....	1....	MANIFOLD, FT
12..	539 990613....	1....	NUT ¾-16 HEX WHIZLK	41..	539 131740....	1....	MANIFOLD, RR
13..	539 102612....	1....	HCS ¾-16 x 2¾	42..	539 131604....	1....	MUFFLER ASM TWIN
14..	539 109639....	1....	PULLEY	43..	539 131758....	1....	SHIELD, HEAT
15..	539 131728....	1....	TIE DOWN, CLUTCH	44..	539 131769....	1....	GUARD, MUFFLER
16..	539 131729....	1....	DRAIN, OIL	45..	539 131771....	1....	MOUNT, MUFFLER
17..	539 107210....	1....	GROMMET	46..	539 104763....	4....	"U" TYPE RETAINER
18..	539 101364....	1....	PLUG-OIL	47..	539 107475....	6....	BOLT ⅝ ₁₆ -18 x ¾ THD FRM
19..	539 101714....	1....	SOLENOID	48..	539 990316....	2....	RHSNB ⅝ ₁₆ -18 x ¾
20..	539 990074....	2....	RHSNB ¼-20 x ¾ GR2 ZN	49..	539 990302....	2....	SCREW ¼-20 x ¾ THD FRM
21..	539 976978....	6....	NUT ¼-20 HEX NYLOC	50..	539 990717....	2....	NUT ⅝ ₁₆ -18 HEX NYLOC
22..	539 108120....	3....	NUT ¼-20 HEX THIN NYLOC	51..	539 976934....	4....	HCS ⅝ ₁₆ -18 x ¾
23..	539 107476....	4....	BOLT ¾-16 x 1 THD FRM	52..	539 132732....	1....	CLUTCH, Ram Xs5025
24..	539 990247....	1....	WASHER ⅞ ₁₆ SLW		539 132733 ...	1....	CLUTCH, Ram Xs6025 Ram Xs7227
25..	539 991120....	1....	HCS ⅞ ₁₆ -20 x 2½	53..	539 132412....	1....	CABLE, POSITIVE
26..	539 990209....	5....	HCS ⅝ ₁₆ -18 x 1		NOT SHOWN		
27..	539 112899....	5....	NUT ⅝ ₁₆ -18 FLANGE NYLOC		539 107516 ...	1....	PIGTAIL
28..	539 101363....	2....	CLAMP				
29..	539 990071....	2....	HCS ¼-20 x ½				

STEERING

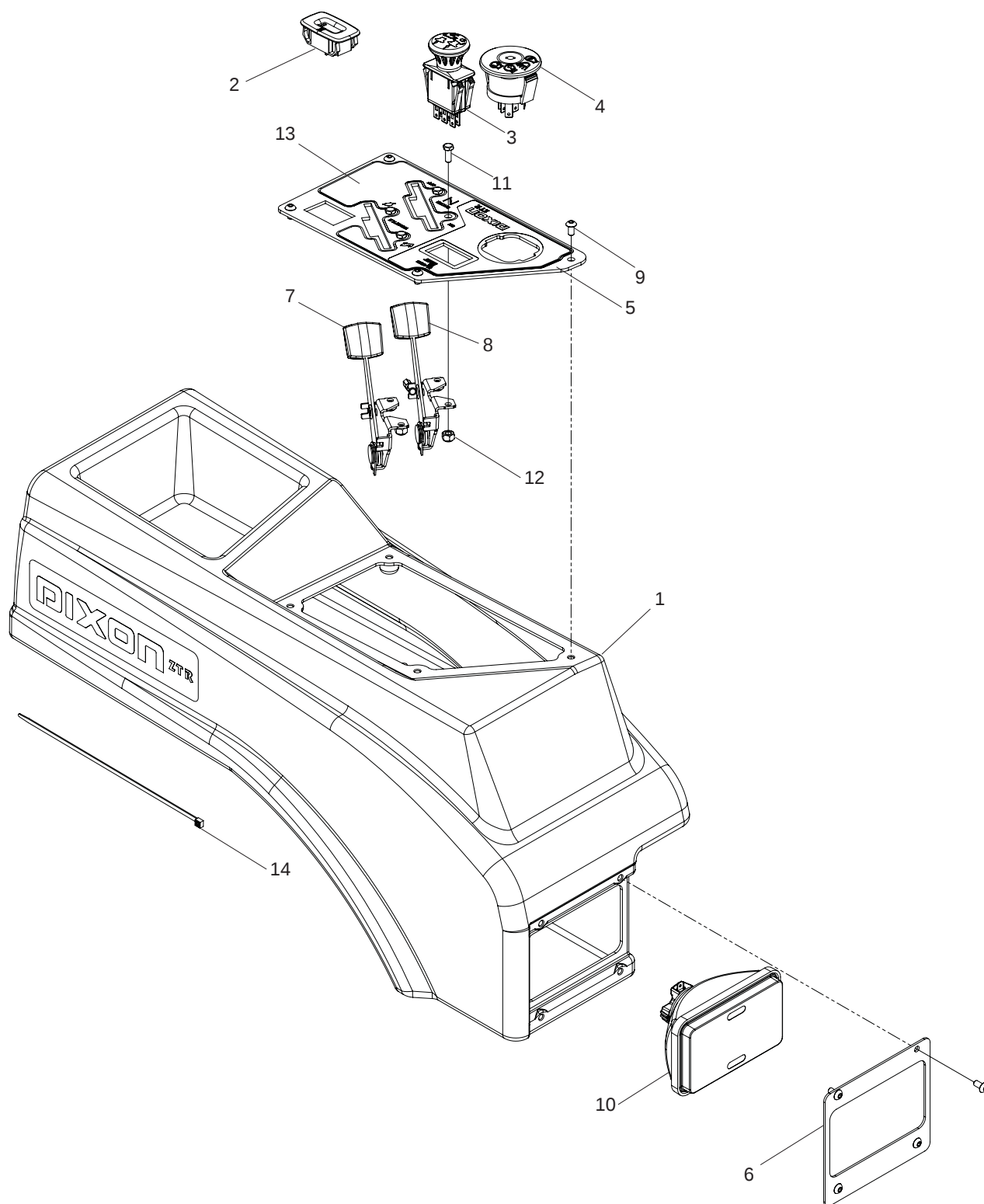


STEERING

ITEM	PART NO.	QTY.	DESCRIPTION
1..	539 131546....	2....	ARM, PUMP
2..	539 990717....	7....	NUT $\frac{5}{16}$ -18 HEX NYLOC
3..	539 131658....	2....	DAMPENER W/SPRING
4..	539 110607....	2....	STUD, 10MM BALL
5..	539 131749....	2....	ROD END
6..	539 131559....	2....	PIN, SPIRAL, $\frac{5}{32}$ x $1\frac{1}{2}$
7..	539 127046....	2....	NUT M8 x $1\frac{1}{4}$ STD HEX
8..	539 112899..	18....	NUT $\frac{5}{16}$ -18 FLANGE NYLOC
9..	539 118496....	2....	NUT M8 NYLOC
10..	539 131780....	8....	HHFS $\frac{5}{16}$ -18 x $3\frac{3}{4}$
11..	539 976935....	4....	HCS $\frac{5}{16}$ -18 x $1\frac{1}{2}$
12..	539 132163....	1....	CONTROL WLDMT, LT
13..	539 132164....	1....	CONTROL WLDMT, RT
14..	539 132168....	2....	BUSHING, FLANGED, $\frac{5}{8}$
15..	539 132169....	2....	BUSHING, CLIP, $\frac{5}{8}$
16..	539 990208....	4....	RRSNB $\frac{5}{16}$ -18 x 1
17..	539 105069....	4....	E-RING
18..	539 132189....	1....	LINK, MOTION, LT
19..	539 132190....	1....	LINK, MOTION, RT

ITEM	PART NO.	QTY.	DESCRIPTION
20..	539 990188....	9....	WASHER $\frac{5}{16}$ SAE FLAT
21..	539 102845....	2....	SPRING, TANK MOUNT
22..	539 108394....	2....	HCS $\frac{5}{16}$ -18 x $1\frac{3}{4}$ TPBLT
23..	539 108743....	4....	NUT $\frac{5}{16}$ -24 CNTRLK
24..	539 131517....	1....	BLOCK, UPPER
25..	539 131519....	1....	BLOCK, LOWER
26..	539 131518....	2....	BEARING, FLANGE
27..	539 131520....	1....	PIVOT SECTION, DR CNTRL
28..	539 131521....	1....	MOUNT, DR CNTRL HANDLE
29..	539 990669....	1....	HCS $\frac{5}{16}$ -18 x $1\frac{3}{4}$
30..	539 990196....	2....	NUT $\frac{5}{16}$ -18 HEX
31..	539 131550....	1....	JACK SCREW
32..	539 110604....	1....	SPHERICAL ROD END LH
33..	539 110603....	1....	SPHERICAL ROD END RH
34..	539 991073....	1....	NUT $\frac{5}{16}$ -24 HEX JAM LH
35..	539 990223....	1....	NUT $\frac{5}{16}$ -24 HEX
36..	539 132011....	2....	LEVER, DRIVE W/GRIP
37..	539 130894....	2....	GRIP, DRIVER LEVER

CONTROLS

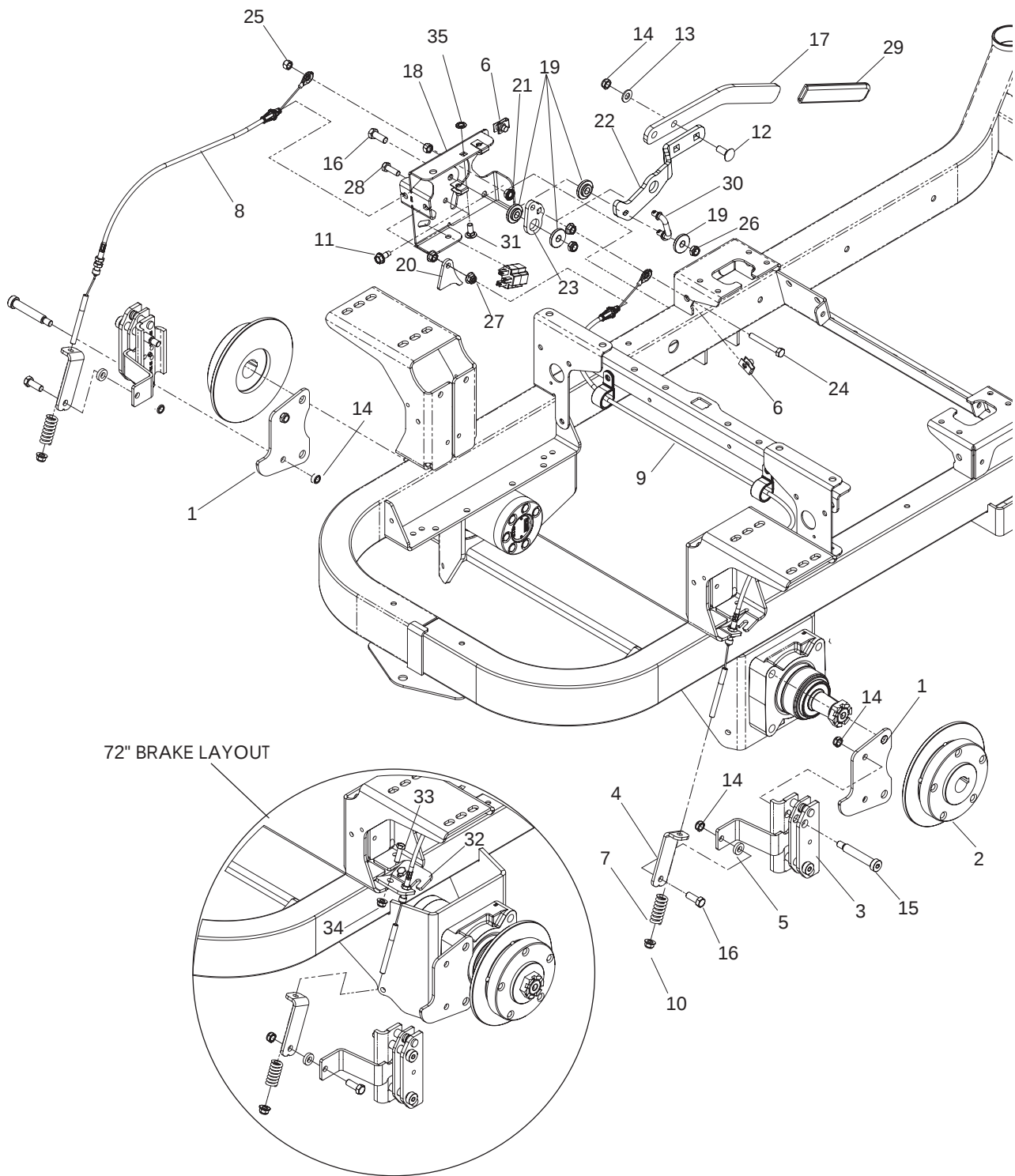


CONTROLS

ITEM	PART NO.	QTY.	DESCRIPTION
1..	539 114059	... 1 ...	TANK, CONSOLE, RT
2..	539 110074	... 1 ...	HOUR METER
3..	539 131627	... 1 ...	SWITCH, PTO 10 AMP
4..	539 107541	... 1 ...	IGNITION SWITCH
5..	539 114071	... 1 ...	CONTROL PANEL
6..	539 114075	... 1 ...	PLATE, LIGHT
7..	539 118816	... 1 ...	THROTTLE CABLE
8..	539 118815	... 1 ...	CHOKE CABLE

ITEM	PART NO.	QTY.	DESCRIPTION
9..	539 114341	... 8 ...	SCR #10-24 x $\frac{3}{8}$ SKT HD BLK
10..	539 114232	... 1 ...	LIGHT
11..	539 990411	... 4 ...	SCR #10-24 x $\frac{1}{2}$ SLT HEX HD
12..	539 976977	... 4 ...	NUT #10-24 HEX NYLOC
13..	539 114072	... 1 ...	DECAL, CONTROL
14..	539 976856	... 1 ...	WIRE TIE
NOT SHOWN			
	539 132044	.. 2 ...	PIGTAIL, LIGHT

PARKING BRAKE

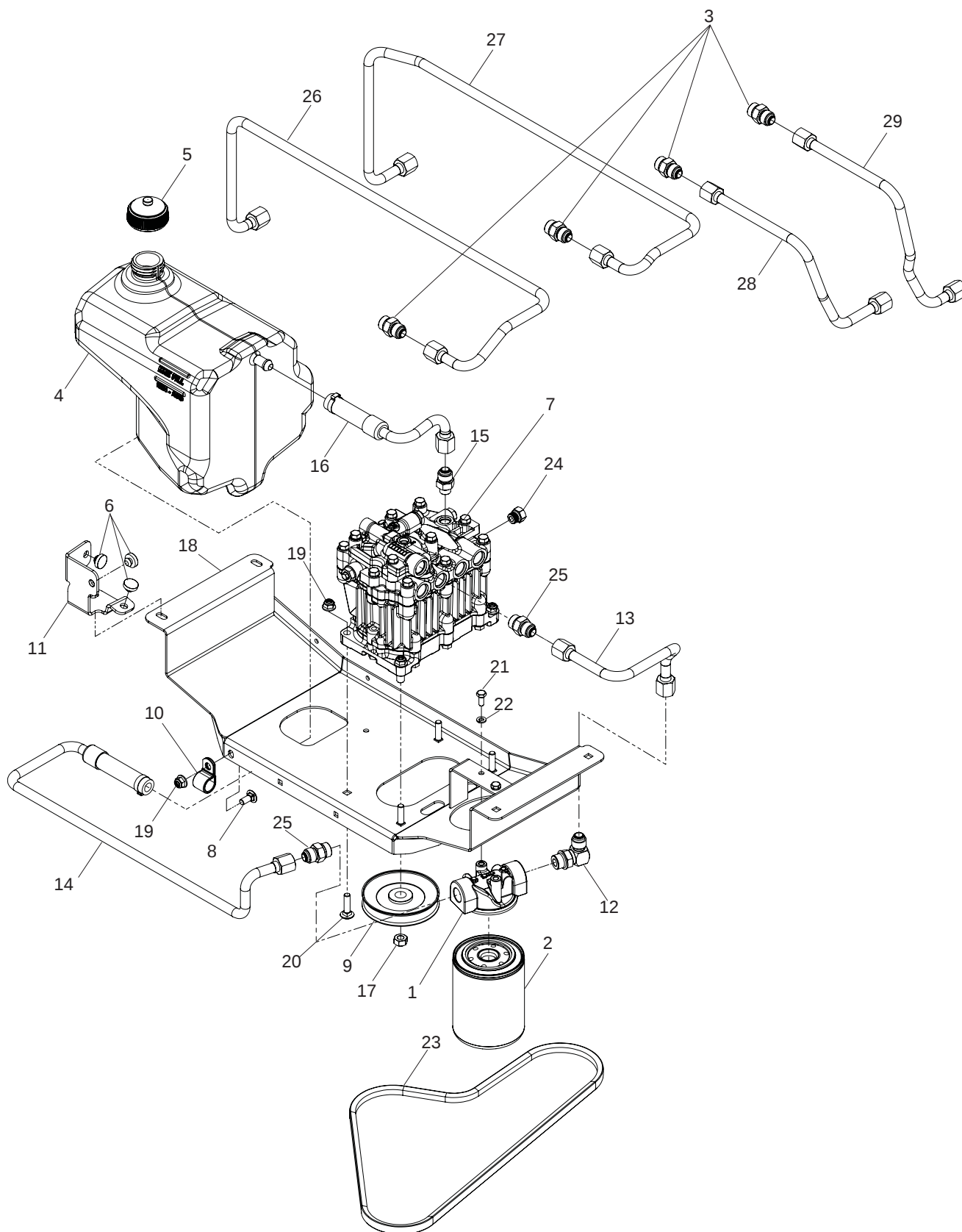


PARKING BRAKE

ITEM	PART NO.	QTY.	DESCRIPTION
1..	539 131599....	2....	PLATE, BRAKE
2..	539 131737....	2....	HUB, 5 BOLT
3..	539 131738....	2....	CALIPER, PARK BRAKE
4..	539 132176....	3....	BRACKET, L
5..	539 109562....	3....	WASHER $\frac{3}{8}$ x $\frac{3}{4}$ x .187 TK
6..	539 104763....	1....	"U" TYPE RETAINER
7..	539 113952....	2....	SPRING
8..	539 132173....	1....	CABLE, BRAKE, SHORT
9..	539 132174....	2....	CABLE, BRAKE, LONG
10..	539 112899....	3....	NUT $\frac{5}{16}$ -18 FLANGE NYLOC
11..	539 107475....	3....	BOLT $\frac{5}{16}$ -18 x $\frac{3}{4}$ THD FRM
12..	539 990645....	2....	RHSNB $\frac{3}{8}$ -16 x 1
13..	539 990122....	2....	WASHER, $\frac{3}{8}$ SAE FLT
14..	539 200282....	9....	NUT $\frac{3}{8}$ -16 HEX JAM NYLOC
15..	539 113951....	4....	SB $\frac{3}{8}$ -16 x $2\frac{1}{2}$ SKT HD
16..	539 990563....	5....	HCS $\frac{3}{8}$ -16 x 1ZD
17..	539 132160....	1....	ARM, BRAKE
18..	539 132158....	1....	MOUNT, BRAKE WELDMENT
19..	539 132161....	4....	BUSHING, BRAKE

ITEM	PART NO.	QTY.	DESCRIPTION
20..	539 132154....	1....	ACTUATOR, SWITCH
21..	539 990585....	3....	NUT $\frac{5}{16}$ -18 HEX WHIZLK
22..	539 132423....	1....	LEVER, BRAKE
23..	539 132153....	1....	BELLCRANK, BRAKE
24..	539 108396....	1....	HCS $\frac{5}{16}$ -18 x $2\frac{1}{2}$ TPBLT
25..	539 990717....	1....	NUT $\frac{5}{16}$ -18 HEX NYLOC
26..	539 200282....	2....	NUT $\frac{3}{8}$ -16 HEX JAM NYLOC
27..	539 112899....	1....	NUT $\frac{5}{16}$ -18 FLANGE NYLOC
28..	539 990209....	1....	HCS $\frac{5}{16}$ -18 x 1ZD
29..	539 120921....	1....	GRIP, BRAKE HANDLE
30..	539 132424....	1....	LINKAGE, BRAKE
31..	539 990316....	1....	RHSNB $\frac{5}{16}$ -18 x $\frac{3}{4}$ GR5
32..	539 132185....	1....	BRKT, EXTENSION 72" ONLY
33..	539 990209....	2....	HCS $\frac{5}{16}$ -18 x 1
34..	539 112899....	2....	NUT $\frac{5}{16}$ -18 FLANGE NYLOC
NOT SHOWN			
	539 976856 ...	2....	TIE, PLASTIC

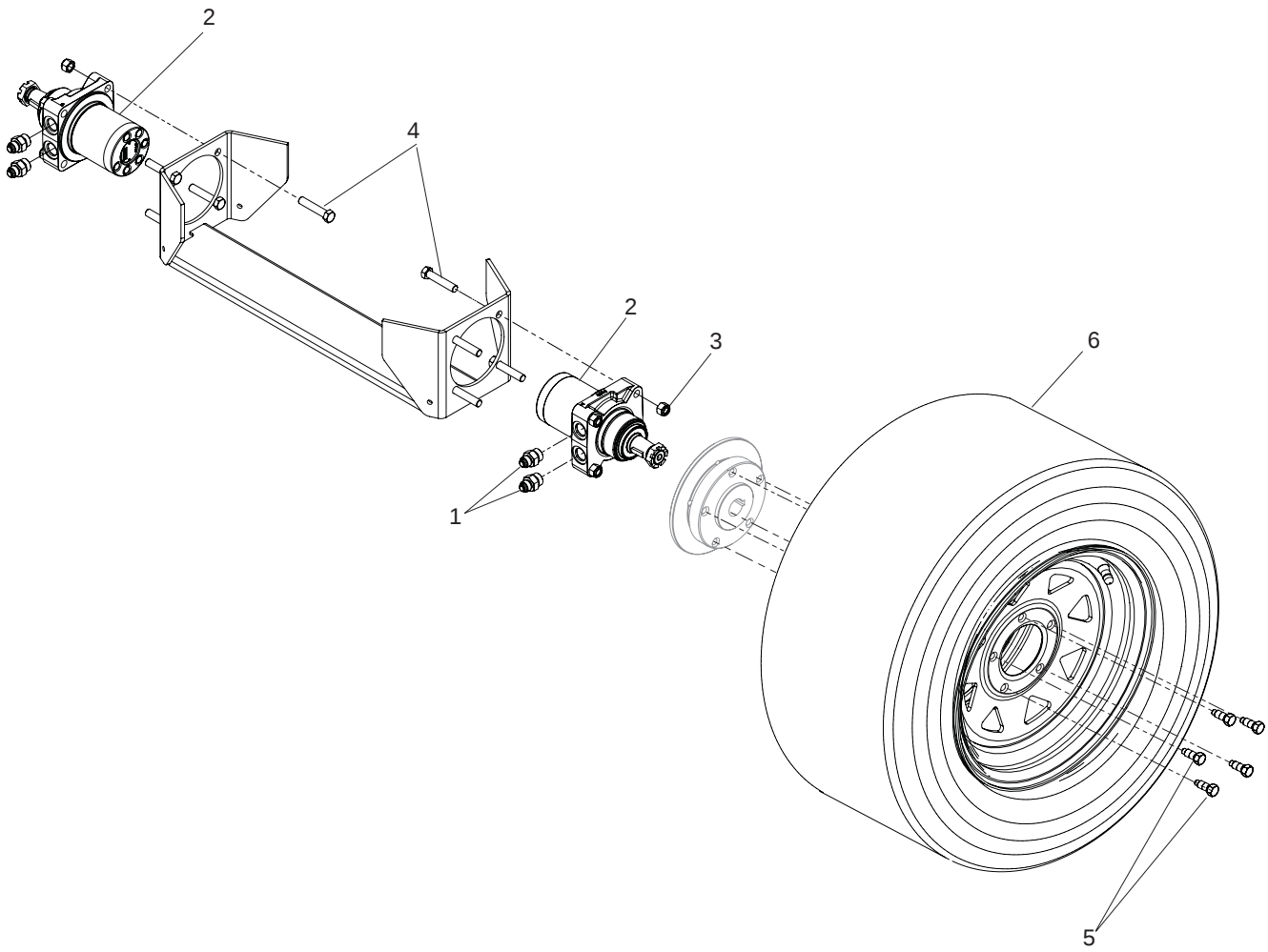
HYDRAULIC PUMP-MOTOR



HYDRAULIC PUMP-MOTOR

ITEM	PART NO.	QTY.	DESCRIPTION	ITEM	PART NO.	QTY.	DESCRIPTION
1..	539 105892....	1....	FILTER HEAD	23..	539 111445	1....	BELT, IZT
2..	539 105893....	1....	FILTER, OIL	24..	539 131895....	1....	PLUG, 6408-6
3..	539 101237....	4....	STRAIGHT CONNECTOR	25..	539 132889....	2....	FITTING, 10-8 STRAIGHT
4..	539 131663....	1....	RESERVOIR	26..	539 131531....	1....	HYDRO LINE MODELS 968999717, 968999718, 968999720, 968999721
5..	539 101202....	1....	OIL CAP		539 131538 ...	1....	HYDRO LINE MODEL 968999719
6..	539 102587....	3....	GROMMET, BUMPER	27..	539 131532....	1....	HYDRO LINE MODELS 968999717, 968999718, 968999720, 968999721
7..	539 131657....	1....	PUMP, DUP10S		539 131539 ...	1....	HYDRO LINE MODEL 968999719
8..	539 990316....	1....	RHSNB $\frac{5}{16}$ -18 x $\frac{3}{4}$	28..	539 131533....	1....	HYDRO LINE MODELS 968999717, 968999718, 968999720, 968999721
9..	539 131727....	1....	PULLEY, PUMP		539 131540 ...	1....	HYDRO LINE MODEL 968999719
10..	539 102685....	1....	CLIP	29..	539 131534....	1....	HYDRO LINE MODELS 968999717, 968999718, 968999720, 968999721
11..	539 132417....	1....	SUPPORT, RESERVOIR		539 131541 ...	1....	HYDRO LINE MODEL 968999719
12..	539 132888....	1....	ELBOW				
13..	539 132887....	1....	HYDRO LINE, CHARGE				
14..	539 132886....	1....	HYDRO LINE, INLET				
15..	539 131748....	1....	FITTING, HYDRO				
16..	539 131529....	1....	HYDRO LINE, CASE				
17..	539 131528....	1....	NUT M10-1.5 L/H HEX				
18..	539 131773....	1....	PLATE, PUMP				
19..	539 112899....	5....	NUT $\frac{5}{16}$ -18 FLANGE NYLOC				
20..	539 100472....	4....	RHSNB $\frac{5}{16}$ -18 x $1\frac{1}{4}$				
21..	539 990072....	2....	HCS $\frac{1}{4}$ -20 x $\frac{5}{8}$				
22..	539 990052....	2....	WASHER, $\frac{1}{4}$ SPLIT LOCK				

WHEELS AND TIRES

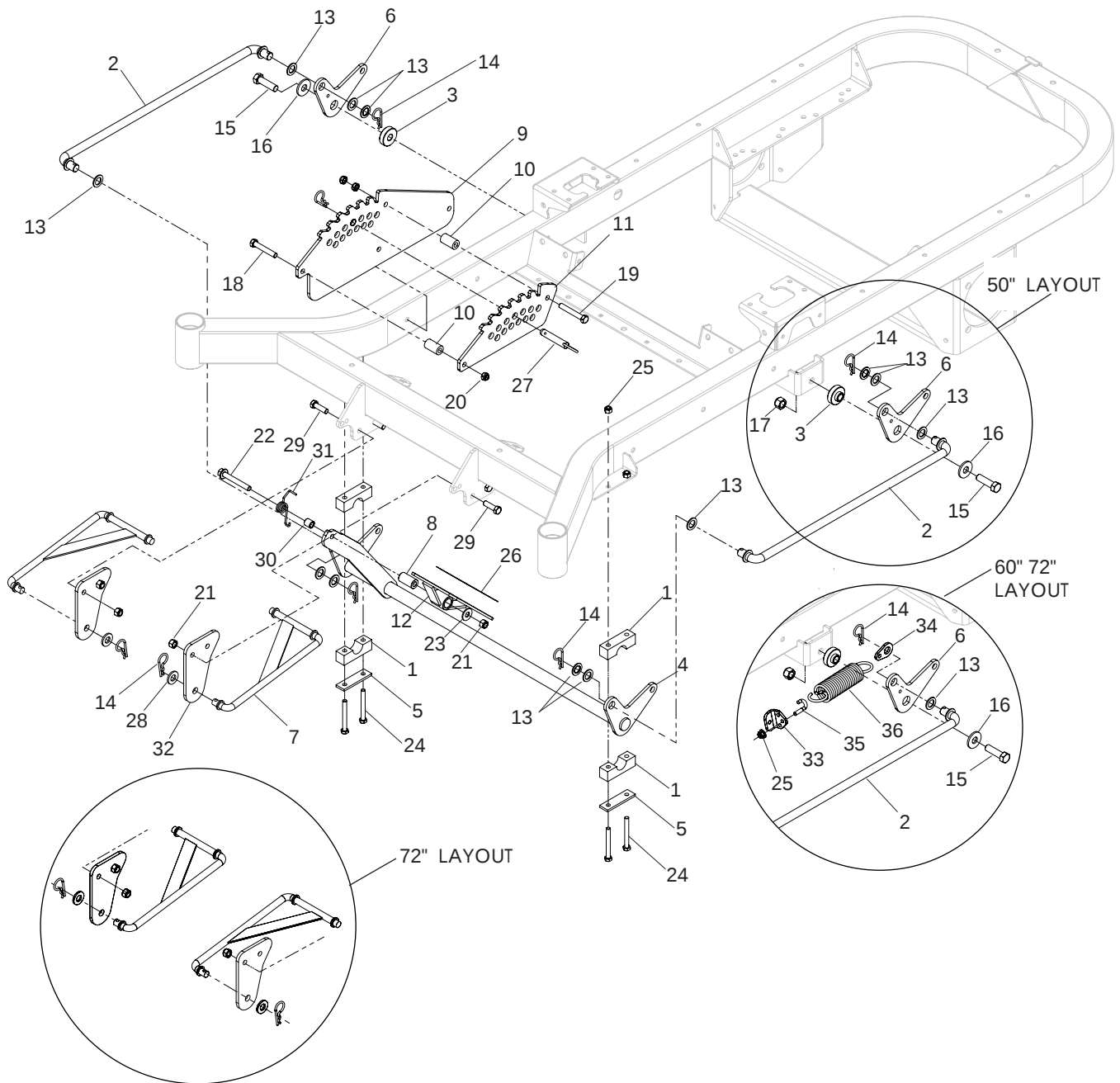


WHEELS AND TIRES

ITEM	PART NO.	QTY.	DESCRIPTION
1..	539 101239....	4....	STRAIGHT CONNECTOR
2..	539 114523....	2....	WHEEL MOTOR, TJ
3..	539 101331....	8....	NUT ½ HEX NYLOC

ITEM	PART NO.	QTY.	DESCRIPTION
4..	539 108346....	8....	HCS ½-13 x 2½
5..	532 140080..	10....	BOLT, HUB
6..	532 140556....	2....	WHEEL ASSM, 23 x 10.50

MOWER LIFT / DECK LIFT

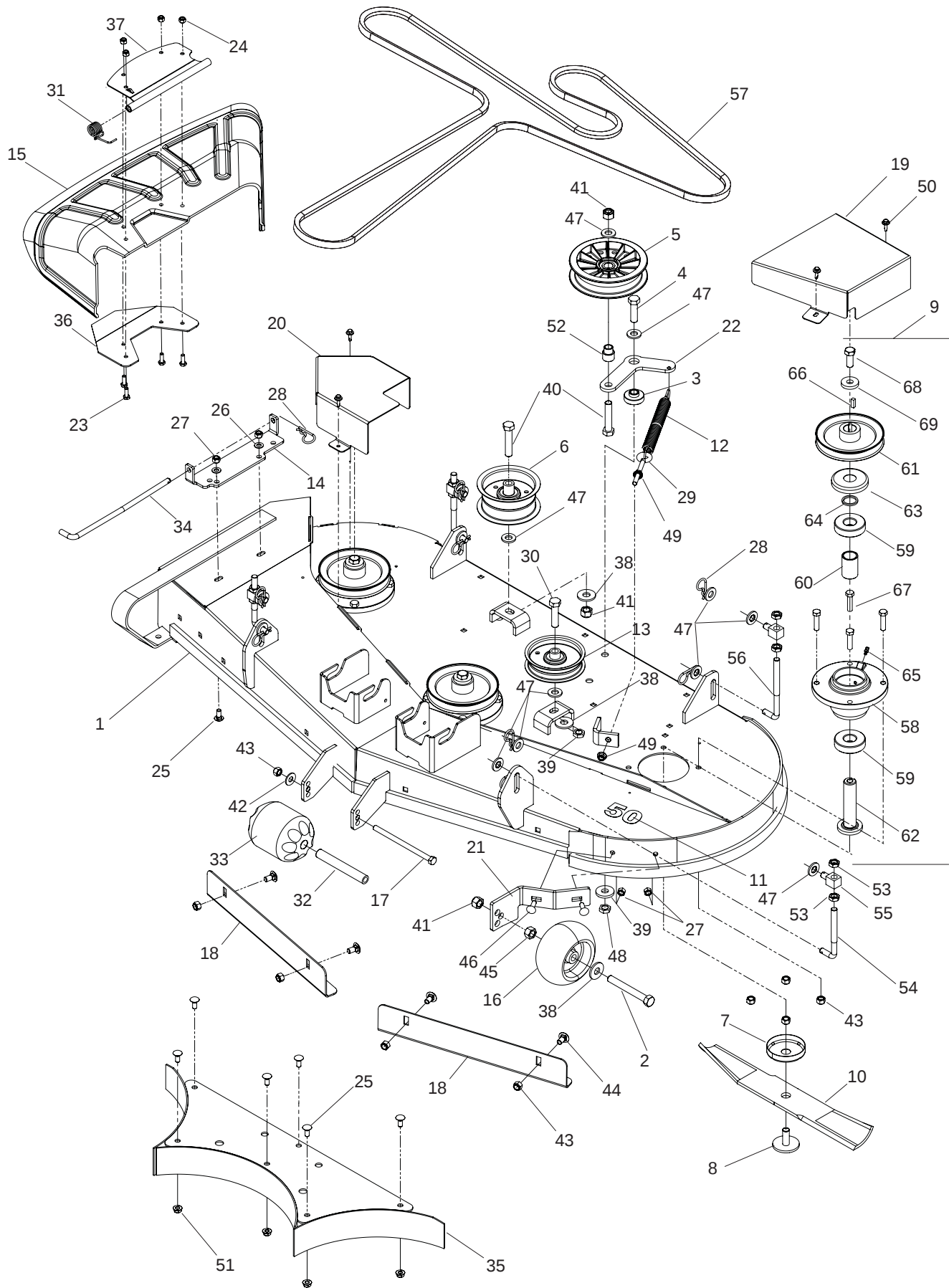


MOWER LIFT / DECK LIFT

ITEM	PART NO.	QTY.	DESCRIPTION
1..	539 104808	... 4 ...	PILLOW BLOCK
2..	539 110808	... 2 ...	DECK LIFT LINK
3..	539 118937	... 2 ...	IDLER SPACER
4..	539 131866	... 1 ...	SHAFT, LIFT, DECK
5..	539 104807	... 2 ...	REINFORCEMENT BAR
6..	539 132378	... 2 ...	BELLCRANK, REAR, LIFT
7..	539 112223	... 2 ...	STRUT LINKAGE
8..	539 101836	... 1 ...	SLEEVE BUSHING
9..	539 131893	... 1 ...	PLATE, HEIGHT, MAIN
10..	539 104530	... 2 ...	SPACER
11..	539 131894	... 1 ...	PLATE, HEIGHT
12..	539 114280	... 1 ...	PEDAL, FOOT, WELDMENT
13..	539 991043	. 10 ...	BUSHING, .625, 60", 72"
		 12 ...	BUSHING, .625, 50"
14..	539 115501	... 7 ...	COTTER PIN
15..	539 108181	... 2 ...	HCS ½-13 x 1¾ GR 8 ZD
16..	539 109554	... 2 ...	WASHER ½ FLAT ZD
17..	539 101331	... 2 ...	NUT ½ HEX NYLOC
18..	539 990629	... 1 ...	HCS ¾-16 x 2¼
19..	539 990637	... 1 ...	HCS ¾-16 x 2½
20..	539 200282	... 3 ...	NUT, ¾-16 HEX JAM NYLOC

ITEM	PART NO.	QTY.	DESCRIPTION
21..	539 976979	... 5 ...	NUT ¾-16 HEX NYLOC
22..	539 131781	... 1 ...	HHFS ¾-16 x 2¾
23..	539 990517	... 1 ...	WASHER, ¾ FLAT
24..	539 101721	... 4 ...	HCS ⅝-18 x 2¾
25..	539 112899	... 5 ...	NUT ⅝-18 HEX NYL, 50"
		 6 ...	NUT ⅝-18 HEX NYL, 60", 72"
26..	539 121322	... 1 ...	FOOT PAD
27..	539 102526	... 1 ...	LIFT PIN
28..	539 990250	... 2 ...	WASHER
29..	539 976941	... 4 ...	HCS ¾-16 x 1¼
30..	539 132852	... 1 ...	SPACER
31..	539 132850	... 1 ...	SPRING, TORSION
32..	539 132017	 2....	BRACKET, STRUT - 50", 60"
	539 132018	... 2....	BRACKET, STRUT - 72"
33..	539 131791	 1....	MOUNT, SPRING
34..	539 131792	 1....	TAB, SPRING
35..	539 112896	 1....	J-BOLT
36..	539 102642	 1....	SPRING
NOT SHOWN			
	539 105059	.. 1 ...	LANYARD

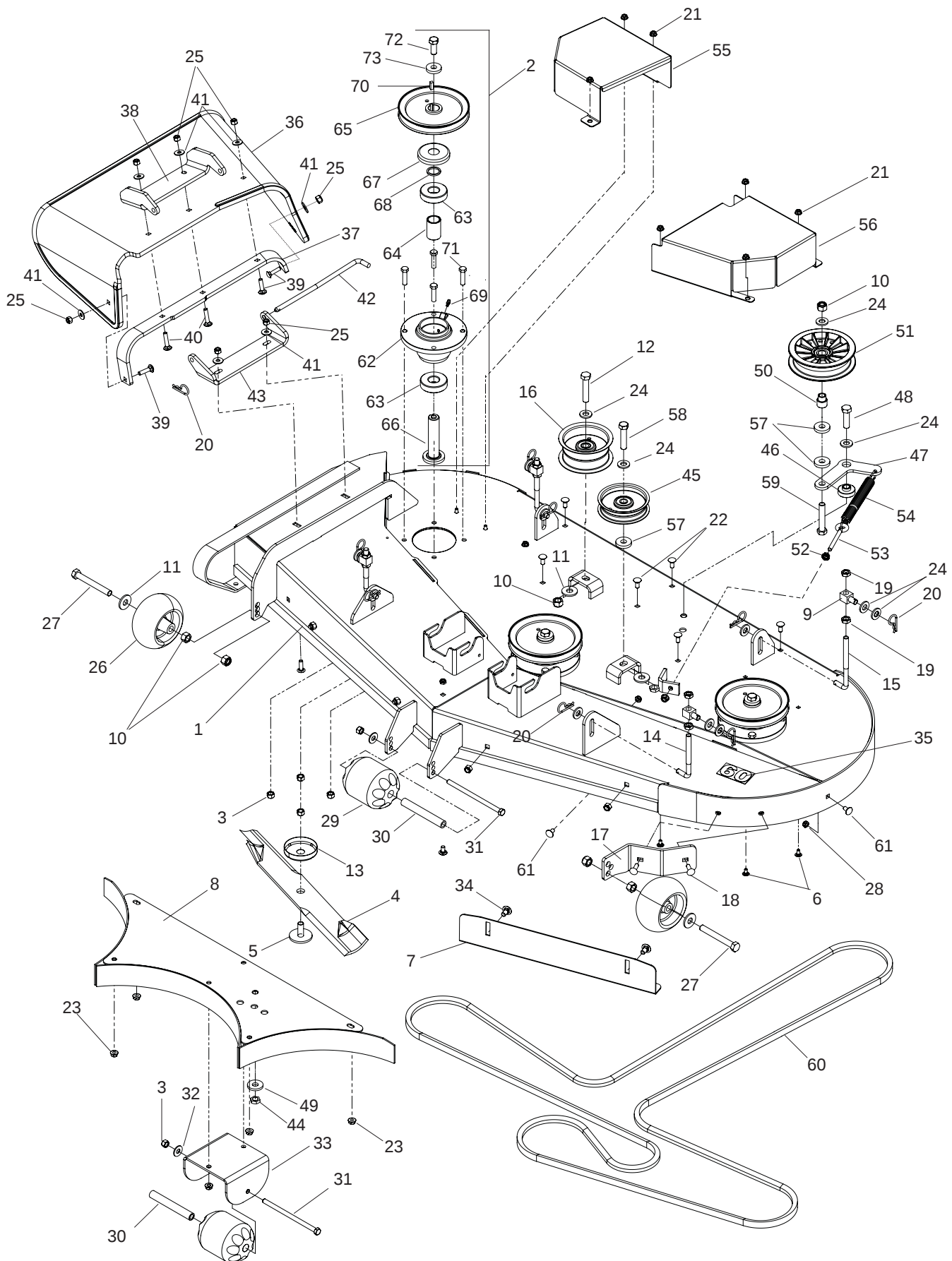
50" DECK



50" DECK

ITEM	PART NO.	QTY.	DESCRIPTION	ITEM	PART NO.	QTY.	DESCRIPTION
1..	539 132847	... 1 ...	DECK, 50" w/DECALS	36..	539 117261	... 1 ...	DEFLECTOR BRACKET
2..	539 108366	... 1 ...	HCS ½-13 x 4	37..	539 117262	... 1 ...	DEFLECTOR MT BRKT
3..	539 118937	... 1 ...	IDLER SPACER	38..	539 109554	... 3 ...	WASHER ½ FLAT
4..	539 118963	... 1 ...	HHB ½-13X1-¾	39..	539 115609	... 2 ...	NUT, ½-13 THIN PROF
5..	539 132728	... 1 ...	PULLEY- IDLER	40..	539 115771	... 2 ...	HHB ½-13X2-½
6..	539 119006	... 1 ...	IDLER PULLEY	41..	539 101331	... 3 ...	NUT ½ HEX NYLOC ZD
7..	539 119266	... 3 ...	TRASH GUARD	42..	539 990517	... 1 ...	WASHER, ⅜ FLAT STD. ZD
8..	539 119637	... 3 ...	BLADE BOLT	43..	539 976979	. 17 ...	NUT ⅜-16 HEX NYLOC ZD
9..	539 114452	... 3 ...	SPINDLE, LH (COMPLETE)	44..	539 111785	... 4 ...	RHSNB ⅜-16 x ¾ GR5 ZD
10..	539 119837	... 3 ...	BLADE, HI LIFT	45..	539 990258	... 1 ...	NUT ½-13 HEX ZD
11..	539 119895	... 1 ...	DECAL, 50" DECK	46..	539 107271	... 2 ...	RHSSNB ⅝ ₁₆ x 1
12..	539 120920	... 1 ...	SPRING, DECK BELT	47..	539 990250	. 16 ...	WASHER - SAE
13..	539 115278	... 1 ...	IDLER PULLEY	48..	539 115550	... 1 ...	WASHER
14..	539 121357	... 1 ...	HINGE	49..	539 990585	... 2 ...	NUT ⅝ ₁₆ -18 HEX WHIZLK
15..	539 121378	... 1 ...	44" DEFLECTOR	50..	539 115643	... 4 ...	SCREW #12-14 x ¾ SLF TAP
16..	539 107610	... 1 ...	WHEEL, GAUGE	51..	539 115674	... 6 ...	L-NUT ⅝ ₁₆ -18 FLANGED
17..	539 121478	... 1 ...	BOLT ⅜ x 6"	52..	539 114343	... 1 ...	SPACER - IDLER
18..	539 121604	... 2 ...	BLOW-BY BAFFLE	53..	539 115527	... 8 ...	NUT ⅞ ₁₆ -14 HEX, JAM
19..	539 114502	... 1 ...	PULLEY GUARD-LH	54..	539 114787	... 2 ...	L BOLT-SHORT
20..	539 114501	... 1 ...	PULLEY GUARD-RH	55..	539 114789	... 4 ...	SWIVEL
21..	539 122494	... 1 ...	BRACKET	56..	539 114788	... 2 ...	L BOLT-LONG
22..	539 122503	... 1 ...	IDLER ARM	57..	539 132000	... 1 ...	BELT, DECK
23..	539 990580	... 4 ...	HCS ¼-20 x ¾	58..	539 119809	... 1 ...	DECK HUB
24..	539 976978	... 4 ...	NUT ¼-20 HEX NYLOC	59..	539 119260	... 2 ...	BEARING
25..	539 990316	... 8 ...	RHSNB ⅝ ₁₆ -18 x ¾	60..	539 119261	... 1 ...	SPACER
26..	539 990188	... 2 ...	WASHER ⅝ ₁₆ SAE FLAT	61..	539 117925	... 1 ...	PULLEY, 5.4" METRIC
27..	539 990717	... 4 ...	NUT ⅝ ₁₆ -18 HEX NYLOC	62..	539 119807	... 1 ...	SHAFT, SHORT
28..	539 115501	... 9 ...	COTTER PIN	63..	539 119811	... 1 ...	TRASH GUARD
29..	539 115574	... 1 ...	EYE BOLT ⅝ ₁₆ x 3½	64..	539 115326	... 1 ...	HUB PULLEY SPACER
30..	539 115584	... 1 ...	BOLT HH ½-13 x 2	65..	539 115638	... 1 ...	ZERK ⅜ ₁₆ " DRIVE
31..	539 130509	... 1 ...	SPRING, TORSION	66..	539 116196	... 1 ...	OUTER SHAFT KEY
32..	539 122574	... 1 ...	BUSHING	67..	539 122818	... 4 ...	HHB, ⅜-16 x 1½
33..	539 122633	... 1 ...	ROLLER, 3¾	68..	539 115511	... 1 ...	HCS ½-20 x 1¼ HHB
34..	539 116225	... 1 ...	DEFLECTOR PIN	69..	539 115636	... 1 ...	WASHER
35..	539 116431	... 1 ...	W-BAFFLE WLDT				

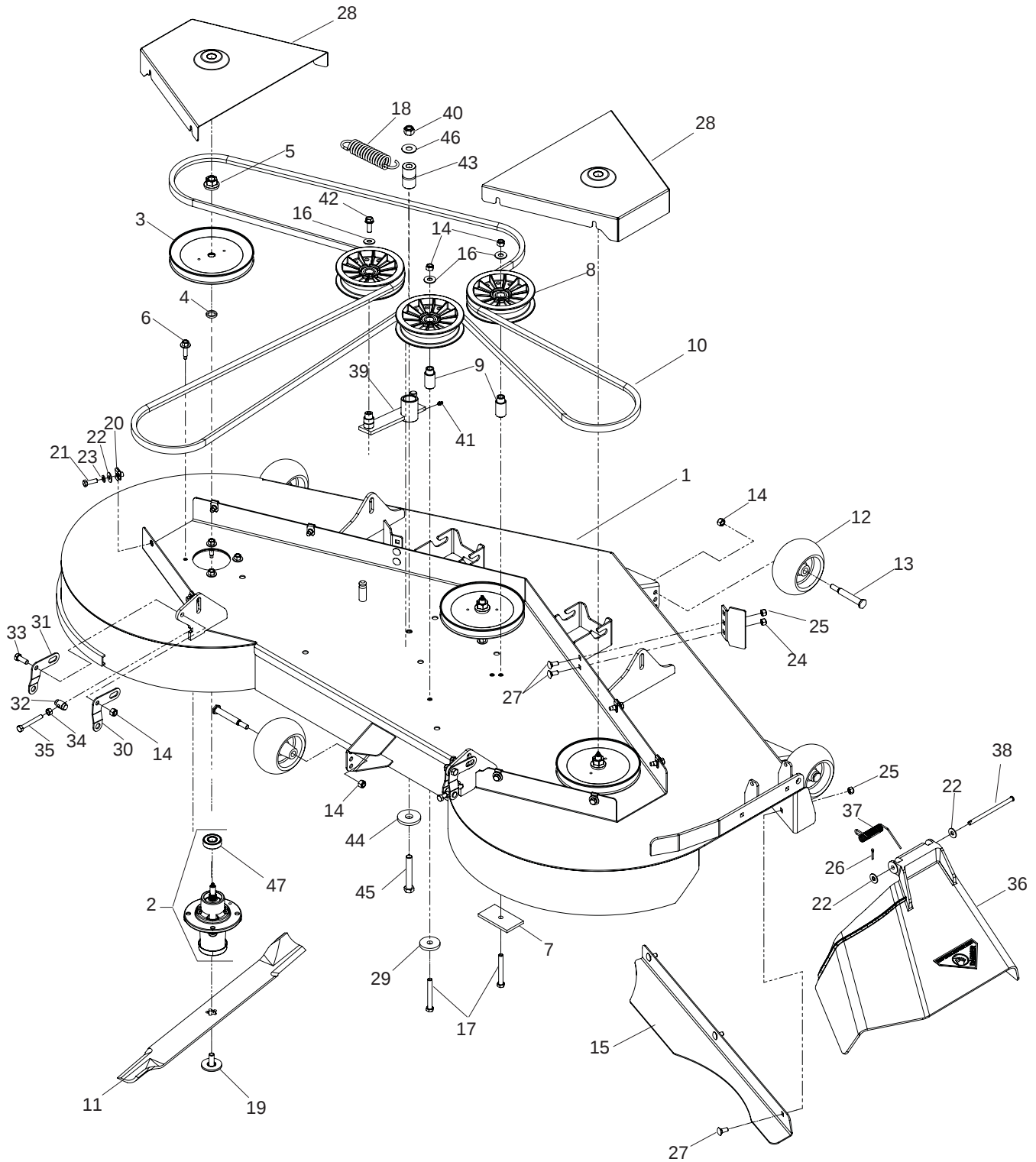
60" DECK



60" DECK

ITEM	PART NO.	QTY.	DESCRIPTION	ITEM	PART NO.	QTY.	DESCRIPTION
1..	539 132848	... 1	... DECK, 60" w/DECALS	38..	539 130927	... 1	... MOUNTING BRACKET
2..	539 131196	... 3	... SPINDLE (COMPLETE)	39..	539 100472	... 3	... RHSNB $\frac{5}{16}$ -18 x $1\frac{1}{4}$ GD5
3..	539 976979	. 18	... NUT $\frac{3}{8}$ -16 HEX NYLOC	40..	539 102933	... 2	... RHSNB $\frac{5}{16}$ -18 x $1\frac{1}{2}$
4..	539 119839	... 3	... BLADE, HI LIFT	41..	539 990692	... 7	... WASHER, $\frac{5}{16}$ STD FLT
5..	539 119637	... 3	... BLADE BOLT	42..	539 116225	... 1	... DEFLECTOR PIN
6..	539 111777	... 9	... RHSSNB $\frac{1}{4}$ -20 x $\frac{1}{2}$	43..	539 130912	... 1	... PIVOT BRACKET, DECK
7..	539 121903	... 2	... BLOW BY BAFFLE	44..	539 115609	... 2	... NUT, $\frac{1}{2}$ -13 THIN PROF
8..	539 121428	... 1	... 60" W-BAFFLE WELDMENT	45..	539 115278	... 1	... IDLER PULLEY
9..	539 114789	... 4	... SWIVEL	46..	539 118937	... 1	... IDLER SPACER
10..	539 101331	... 4	... NUT $\frac{1}{2}$ HEX NYLOC	47..	539 122503	... 1	... IDLER ARM
11..	539 109554	... 4	... WASHER $\frac{1}{2}$ FLAT	48..	539 118963	... 1	... HHB $\frac{1}{2}$ -13 x $1\frac{3}{4}$
12..	539 115771	... 1	... $\frac{1}{2}$ -13 x $2\frac{1}{2}$ HHB	49..	539 115550	... 1	... WASHER
13..	539 119266	... 3	... TRASH GUARD	50..	539 114343	... 1	... SPACER - IDLER
14..	539 114787	... 2	... L BOLT-S	51..	539 132728	... 1	... PULLEY- IDLER
15..	539 114788	... 2	... L BOLT-L	52..	539 990585	... 2	... NUT $\frac{5}{16}$ -18 HEX WHIZLK
16..	539 119006	... 1	... IDLER PULLEY	53..	539 115574	... 1	... EYE BOLT $\frac{5}{16}$ x 3.50
17..	539 121432	... 1	... BRACKET	54..	539 120920	... 1	... SPRING, DECK BELT
18..	539 107271	... 4	... RHSSNB $\frac{5}{16}$ x 1.0	55..	539 114653	... 1	... PULLEY GUARD RH
19..	539 115527	... 8	... NUT $\frac{7}{16}$ -14 HEX, JAM	56..	539 114655	... 1	... PULLEY GUARD LH
20..	539 115501	... 9	... COTTER PIN	57..	539 115636	... 3	... WASHER, .525 Xx1.375 X .25
21..	539 108735	... 9	... NUT $\frac{1}{4}$ -20 HEX FLANGE LK	58..	539 107706	... 1	... HCS $\frac{1}{2}$ -13 x $2\frac{1}{4}$
22..	539 990316	... 6	... RHSNB $\frac{5}{16}$ -18 x $\frac{3}{4}$	59..	539 101332	... 1	... HCS $\frac{1}{2}$ -13 x $2\frac{3}{4}$
23..	539 115674	... 6	... L-NUT $\frac{5}{16}$ -18 FLANGED	60..	539 132001	... 1	... BELT, DECK
24..	539 990250	. 16	... WASHER - SAE	61..	539 990799	... 4	... RHSNB $\frac{5}{16}$ -18 x $\frac{5}{8}$ ZN
25..	539 990717	... 9	... NUT $\frac{5}{16}$ -18 HEX NYLOC	62..	539 119809	... 1	... DECK HUB
26..	539 107610	... 2	... WHEEL, GAUGE	63..	539 119260	... 2	... BEARING
27..	539 118862	... 2	... HHB $\frac{1}{2}$ -13 x 4	64..	539 119261	... 1	... SPACER
28..	539 115617	 4	... NUT $\frac{5}{16}$ -18 HEX NYLOC	65..	539 117926	... 1	... PULLEY 6.45" METRIC
29..	539 122633	... 2	... ROLLER, $3\frac{3}{4}$	66..	539 119807	... 1	... SHAFT, SHORT
30..	539 122574	... 2	... BUSHING	67..	539 119811	... 1	... TRASH GUARD
31..	539 122625	... 2	... HBB $\frac{3}{8}$ - 16 x $6\frac{1}{2}$	68..	539 115326	... 1	... HUB PULLEY SPACER
32..	539 990517	... 2	... WASHER, $\frac{3}{8}$ FLAT	69..	539 115638	... 1	... ZERK $\frac{3}{16}$ " DRIVE
33..	539 114580	... 1	... BRACKET, RR CNTR RLLER	70..	539 116196	... 1	... KEY, OUTER SHAFT
34..	539 111785	... 4	... RHSNB $\frac{3}{8}$ -16 x $\frac{3}{4}$	71..	539 122818	... 4	... HHB, $\frac{3}{8}$ -16 x $1\frac{1}{2}$
35..	539 130247	... 1	... DECAL, 60"	72..	539 115511	... 1	... HHB $\frac{1}{2}$ -20 x $1\frac{1}{4}$
36..	539 130860	... 1	... RUBBER CHUTE	73..	539 115636	... 1	... WASHER .525 X 1.375 X .25
37..	539 130914	... 1	... BRACKET, RNFORCEMNT				

72" DECK

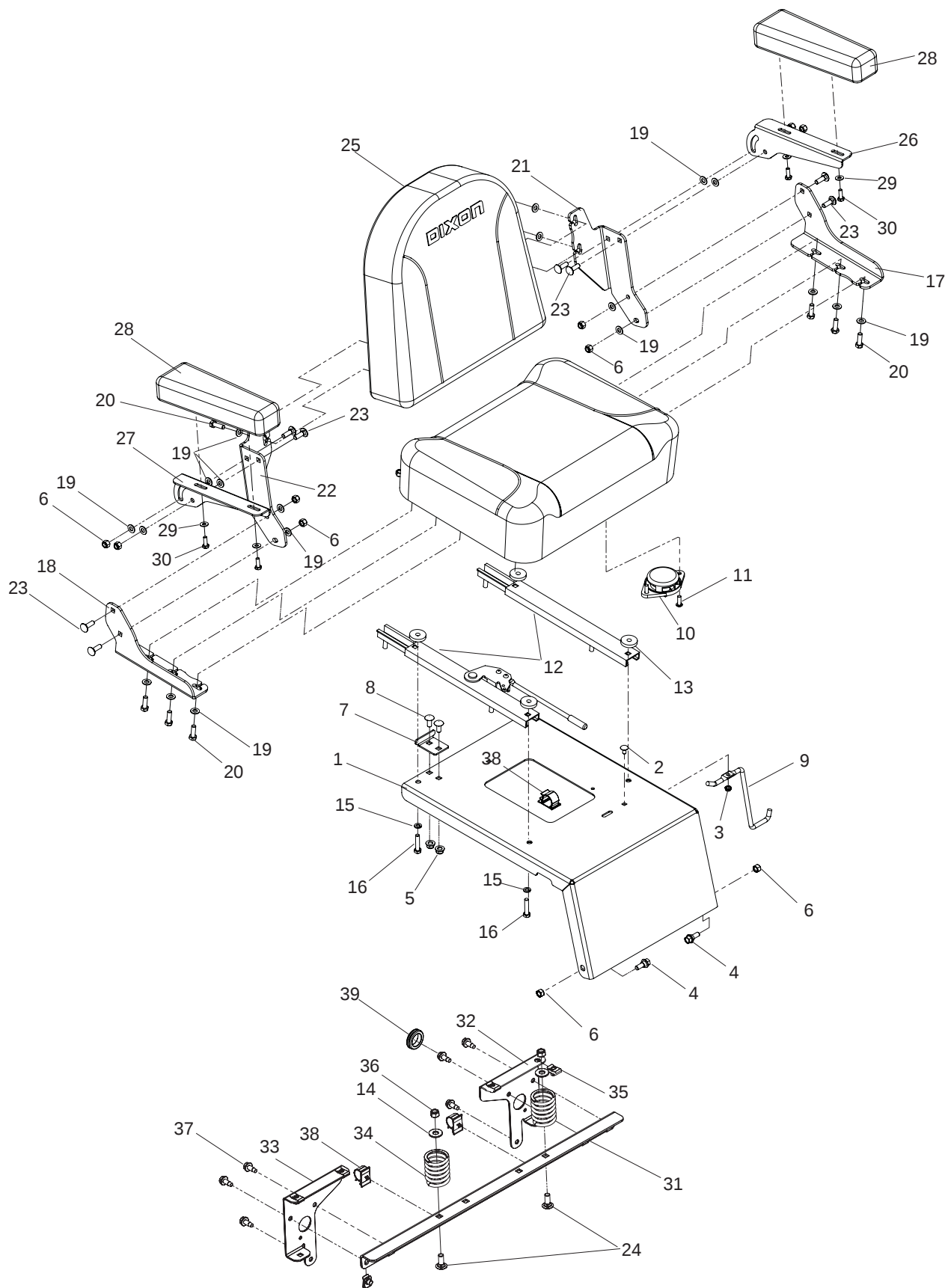


72" DECK

ITEM	PART NO.	QTY.	DESCRIPTION
1..	539 132849....	1....	DECK, W/DECALS
2..	539 112170....	3....	HOUSING (COMPLETE)
3..	539 131563....	3....	PULLEY
4..	539 107520....	3....	WASHER-SPACER
5..	539 107590....	3....	NUT $\frac{9}{16}$ TOP CENTER LOCK
6..	539 107630..	12....	SCREW, WASHER HEAD
7..	539 103303....	1....	PAD, PAINTED
8..	539 132728....	2....	PULLEY-IDLER
9..	539 112169....	2....	IDLER BUSHING
10..	539 132003....	1....	BELT, DECK
11..	539 131562....	3....	BLADE, 25"
12..	539 107610....	4....	WHEEL, GAUGE
13..	539 107608....	4....	BOLT, SHOULDER
14..	539 976979....	8....	NUT $\frac{3}{8}$ -16 HEX NYLOC
15..	539 131746....	1....	CONFINEMENT PLATE, 72"
16..	539 990517....	2....	WASHER, $\frac{3}{8}$ FLAT STD
17..	539 101341....	2....	HCS $\frac{3}{8}$ -16 x 3
18..	539 103256....	1....	SPRING
19..	539 107522....	3....	BOLT, $\frac{7}{16}$, BLADE
20..	539 104763....	8....	"U" TYPE RETAINER
21..	539 990209....	8....	HCS $\frac{5}{16}$ -18 x 1
22..	539 990692..	10....	WASHER, $\frac{5}{16}$ STD FLT
23..	539 990187....	8....	WASHER $\frac{5}{16}$ SLW
24..	539 112248....	2....	DECK STOP

ITEM	PART NO.	QTY.	DESCRIPTION
25..	539 990717....	7....	NUT $\frac{5}{16}$ -18 HEX NYLOC
26..	539 990365....	1....	PIN, COTTER $\frac{1}{8}$ x $\frac{3}{4}$
27..	539 990316....	7....	RHSNB $\frac{5}{16}$ -18 x $\frac{3}{4}$
28..	539 131872....	2....	SHIELD, BELT-72"
29..	539 106504....	1....	HEAVY WASHER
30..	539 131857....	2....	PITCH, ADJUST, RT
31..	539 131858....	2....	PITCH, ADJUST, LT
32..	539 131859....	2....	TRUNION, PITCH
33..	539 990563....	2....	HCS $\frac{3}{8}$ -16 x 1
34..	539 990196....	2....	NUT $\frac{5}{16}$ -18 HEX
35..	539 108396....	2....	HCS $\frac{5}{16}$ -18 x 2 $\frac{1}{2}$ TPBLT
36..	539 132730....	1....	DISCHARGE CHUTE-72"
37..	539 110735....	1....	SPRING-TORSION
38..	539 110736....	1....	PIN, CLEVIS $\frac{5}{16}$
39..	539 112198....	1....	IDLER ARM WELDMT
40..	539 101331....	1....	NUT $\frac{1}{2}$ HEX NYLOC
41..	539 976998....	1....	ZERK
42..	539 990582....	1....	HCS $\frac{3}{8}$ -16 x 1 WHIZLK
43..	539 103427....	1....	PIVOT BUSHING
44..	539 102243....	1....	SUPPORT WASHER
45..	539 103433....	1....	HCS $\frac{1}{2}$ -13 x 3 $\frac{1}{4}$
46..	539 990550....	1....	WASHER, $\frac{1}{2}$ STD FLT
47..	539 112060....	1....	BALL BEARING

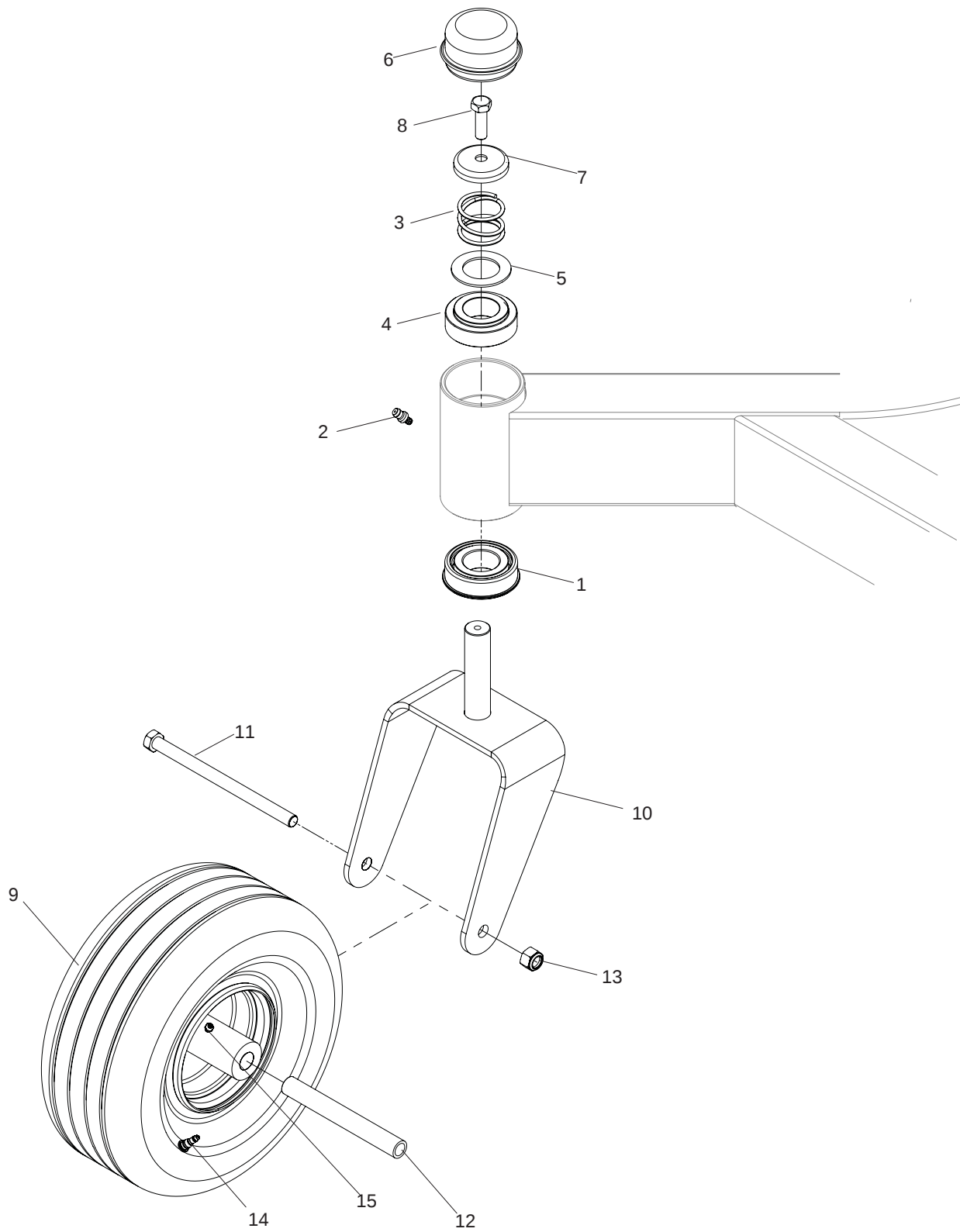
SEAT



SEAT

ITEM	PART NO.	QTY.	DESCRIPTION	ITEM	PART NO.	QTY.	DESCRIPTION
1..	539 132846	... 1 ...	MOUNT, SEAT W/DECALS	21..	539 118629	... 1 ...	SEAT BACK BRACKET - LH
2..	539 990074	... 1 ...	RHSNB 1/4-20 x 3/4 GR2	22..	539 118630	... 1 ...	SEAT BACK BRACKET - RH
3..	539 976978	... 1 ...	NUT 1/4-20 HEX NYLOC	23..	539 990208	... 8 ...	RRSNB 5/16-18 x 1
4..	539 130896	... 2 ...	SB 5/16-18 HEX HD	24..	539 990645	... 2 ...	RHSNB 3/8-16 x 1
5..	539 112899	... 2 ...	NUT, 5/16-18 WHIZLK	25..	539 122380	... 1 ...	SEAT BACK
6..	539 990717	. 10 ...	NUT 5/16-18 HEX NYLOC	26..	539 121713	... 1 ...	ARM REST BRACKET - LH
7..	539 130793	... 1 ...	STOP, SEAT	27..	539 121714	... 1 ...	ARM REST BRACKET - RH
8..	539 109100	... 2 ...	RHSNB 5/16-18 x 3/4	28..	539 121719	... 2 ...	ARM REST
9..	539 131899	... 1 ...	STOP, SEAT, FORWARD	29..	539 990055	... 4 ...	WASHER, 1/4 FLAT SAE
10..	539 117398	... 1 ...	SEAT SWITCH KIT	30..	539 990580	... 4 ...	HCS 1/4-20 x 3/4
11..	539 108388	... 2 ...	SCREW 1/4-20 x 3/4 SLTD GR2	31..	539 131656	... 1 ...	SUPPORT, SEAT
12..	539 128796	... 1 ...	SEAT SLIDE (SET)	32..	539 131778	... 1 ...	SUPPORT, LT
13..	539 115789	... 4 ...	NYLON WASHER	33..	539 131779	... 1 ...	SUPPORT, RT
14..	539 990517	... 2 ...	WASHER, 3/8 FLAT STD	34..	539 110300	... 2 ...	SPRING, SEAT
15..	539 990187	... 4 ...	WASHER 5/16 SLW	35..	539 104763	... 8 ...	"U" TYPE RETAINER
16..	539 115682	... 4 ...	5/16-18 x 1.50 HHB W/NY	36..	539 976979	... 2 ...	NUT 3/8-16 HEX NYLOC
17..	539 118627	... 1 ...	SEAT BTMOM BRACKET - LH	37..	539 107475	... 6 ...	BOLT 5/16-18 x 3/4 THD FRM
18..	539 118628	... 1 ...	SEAT BTMOM BRACKET - RH	38..	539 110815	... 3 ...	PUSH-MOUNT WIRE CLIP
19..	539 990188	. 22 ...	WASHER 5/16 SAE FLAT	39..	539 105974	... 1 ...	RUBBER GROMMET
20..	539 115566	. 10 ...	5/16-18 x 1 HHB W/NYLOC				

CASTERS

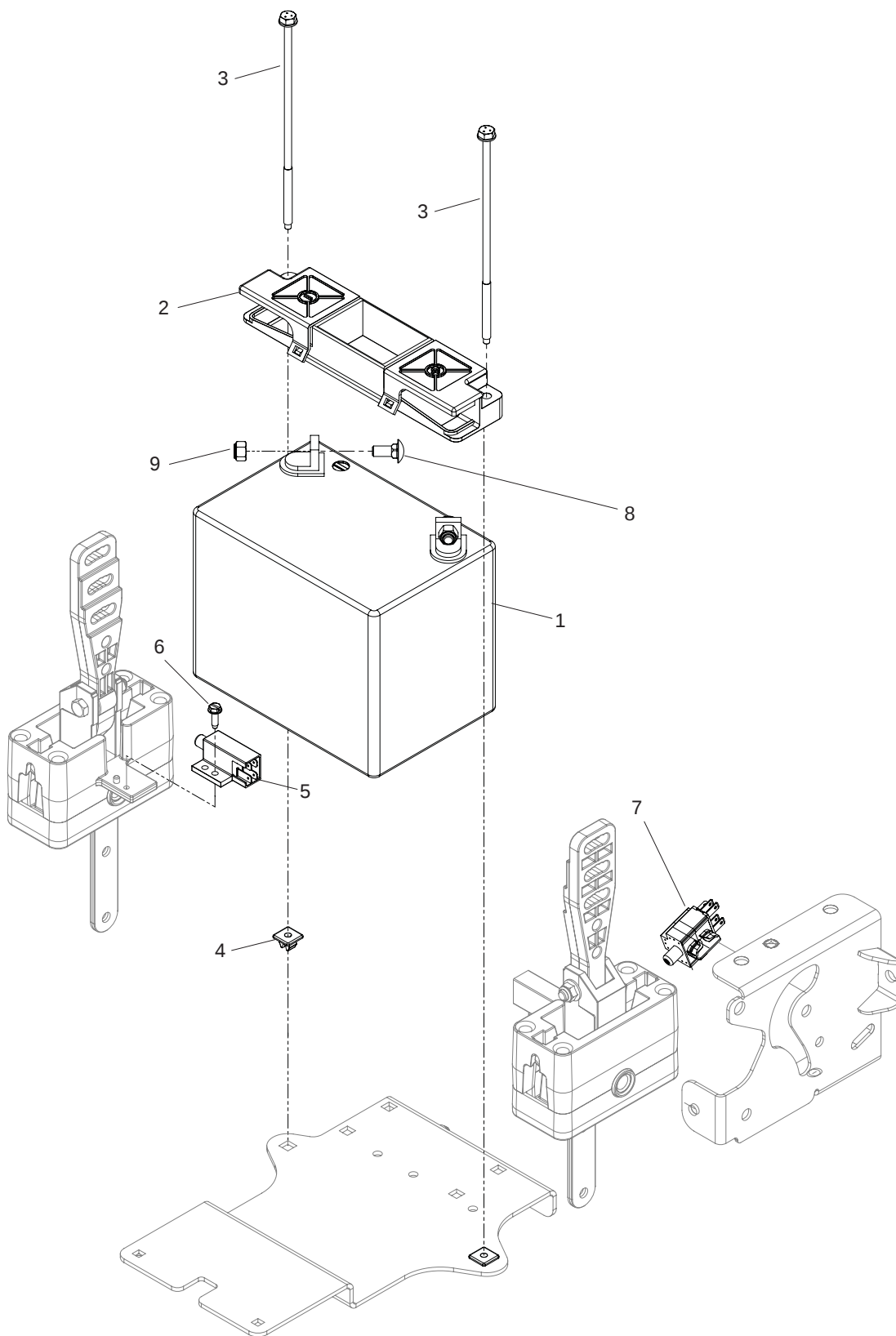


CASTERS

ITEM	PART NO.	QTY.	DESCRIPTION
1..	539 112660....	2....	BEARING, FLANGED
2..	539 115638....	2....	³ / ₁₆ " DRIVE ZERK
3..	539 115747....	2....	SPRING, CASTER
4..	539 117901....	2....	BUSHING, CASTER
5..	539 115675....	2....	WASHER, 1.025 ID x 1.64
6..	539 102535....	2....	GREASE CAP
7..	539 115749....	2....	PLUG, CASTER
8..	539 990209....	2....	HCS ⁵ / ₁₆ -18 x 1
9..	539 104572....	2....	WHEEL ASSEMBLY

ITEM	PART NO.	QTY.	DESCRIPTION
10..	539 131675....	2....	YOKE, CASTER
11..	539 102855....	2....	HCS ½-13 x 7½
12..	539 102856....	2....	SPACER
13..	539 101331....	2....	NUT ½ HEX NYLOC
14..	539 912234....	2....	AIR VALVE
15..	539 976997....	2....	ZERK
NOT SHOWN			
	539 102485 ...	4....	ROLLER BEARING
	539 102484 ...	4....	BEARING, FLANGED

ELECTRICAL



ELECTRICAL

ITEM	PART NO.	QTY.	DESCRIPTION
1..	539 102436....	1....	BATTERY
2..	539 107628....	1....	BATTERY HOLD DOWN
3..	539 107632....	2....	BOLT, ¼ x 7½
4..	539 107629....	2....	NUT ¼ PUSH, NYLON
5..	539 101080....	2....	SWITCH, INTERLOCK
6..	539 991034....	2....	SCREW #10-24 x 5/8 WSH HD
7..	539 113792....	1....	SWITCH, BRAKE

ITEM	PART NO.	QTY.	DESCRIPTION
8..	539 990316....	2....	BOLT, 5/16-18 x ¾
9..	539 112899....	2....	NUT 5/16-18 FLANGE NYLOC
NOT SHOWN			
	539 132413 ...	1....	POSITIVE CABLE, 46"
	539 107645 ...	1....	NEGATIVE CABLE, 32"
	539 131743 ...	1....	MAIN HARNESS

This exploded view diagram illustrates the assembly of the Bixion ZTR 6000 robot. The components are numbered as follows:

- 1**: Upper chassis plate with a grid of mounting holes.
- 2**: Lower chassis plate with a grid of mounting holes.
- 3**: Motor driver board.
- 4**: Battery pack.
- 5**: Bixion ZTR 6000 logo plate.
- 6**: Sensor module.
- 7**: Fan housing.
- 8**: Motor housing.
- 9**: Motor.
- 10**: Motor mounting bracket.
- 11**: Motor mounting bracket.
- 12**: Motor mounting bracket.
- 13**: Motor mounting bracket.
- 14**: Motor mounting bracket.
- 15**: Motor mounting bracket.
- 16**: Motor mounting bracket.
- 17**: Motor mounting bracket.
- 18**: Motor mounting bracket.
- 19**: Motor mounting bracket.
- 20**: Motor mounting bracket.
- 21**: Motor mounting bracket.
- 22**: Motor mounting bracket.
- 23**: Motor mounting bracket.

DECALS

ITEM	PART NO.	QTY.	DESCRIPTION	ITEM	PART NO.	QTY.	DESCRIPTION
1..	539 105745	... 1 ...	DECAL, BATTERY WARNING	14..	539 132186	... 1 ...	DECAL, OIL TANK
2..	539 107959	... 1 ...	DECAL, WARNING	15..	539 117709	... 1 ...	DECAL, FLAG
3..	539 103333	... 2 ...	DECAL, MOTION CONTROL	16..	539 132187	... 1 ...	DECAL, SERVICE
4..	539 913010	... 2 ...	DECAL, CPSC	17..	539 117704	... 1 ...	DECAL, KOHLER
5..	539 105744	... 1 ...	DANGER DECAL, BLT DRIVE	18..	539 117708	... 1 ...	DECAL, PARKER
6..	539 105743	... 2 ...	DECAL, EURO NO STEP	19..	539 114509	... 1 ...	DECAL, ZTR
7..	539 101881	... 1 ...	DECAL, PROP 65	20..	539 117707	... 1 ...	DECAL, FUSION
8..	539 105746	... 1 ...	DECAL, SEVERING	21..	539 132188	... 1 ...	DECAL, HGT ADJUSTMENT
9..	539 122249	... 1 ...	DECAL - BELT ROUTING	22..	539 120006	... 1 ...	DECAL, PARK BRAKE
10..	539 113213	... 1 ...	DECAL, WARNING	23..	539 119895	 1	DECAL, DECK 50"
11..	539 113224	... 1 ...	DECAL, WARNING		539 130247	... 1	DECAL, DECK, 60"
12..	539 110974	... 2 ...	DECAL, F.S.T		539 130248	... 1	DECAL, DECK, 72"
13..	539 132180	... 1 ...	DECAL, RAM ULTRA				

SCHEMATIC

- NOTES:
- 1. SEAT UNOCCUPIED
 - 2. BRAKE SWITCH IN OFF POSITION
 - 3. MOTION CONTROL LEVERS OUT
 - 4. PTO IN OFF POSITION

