



PARTS MANUAL FOR BAD BOY DIESEL MODELS

2009

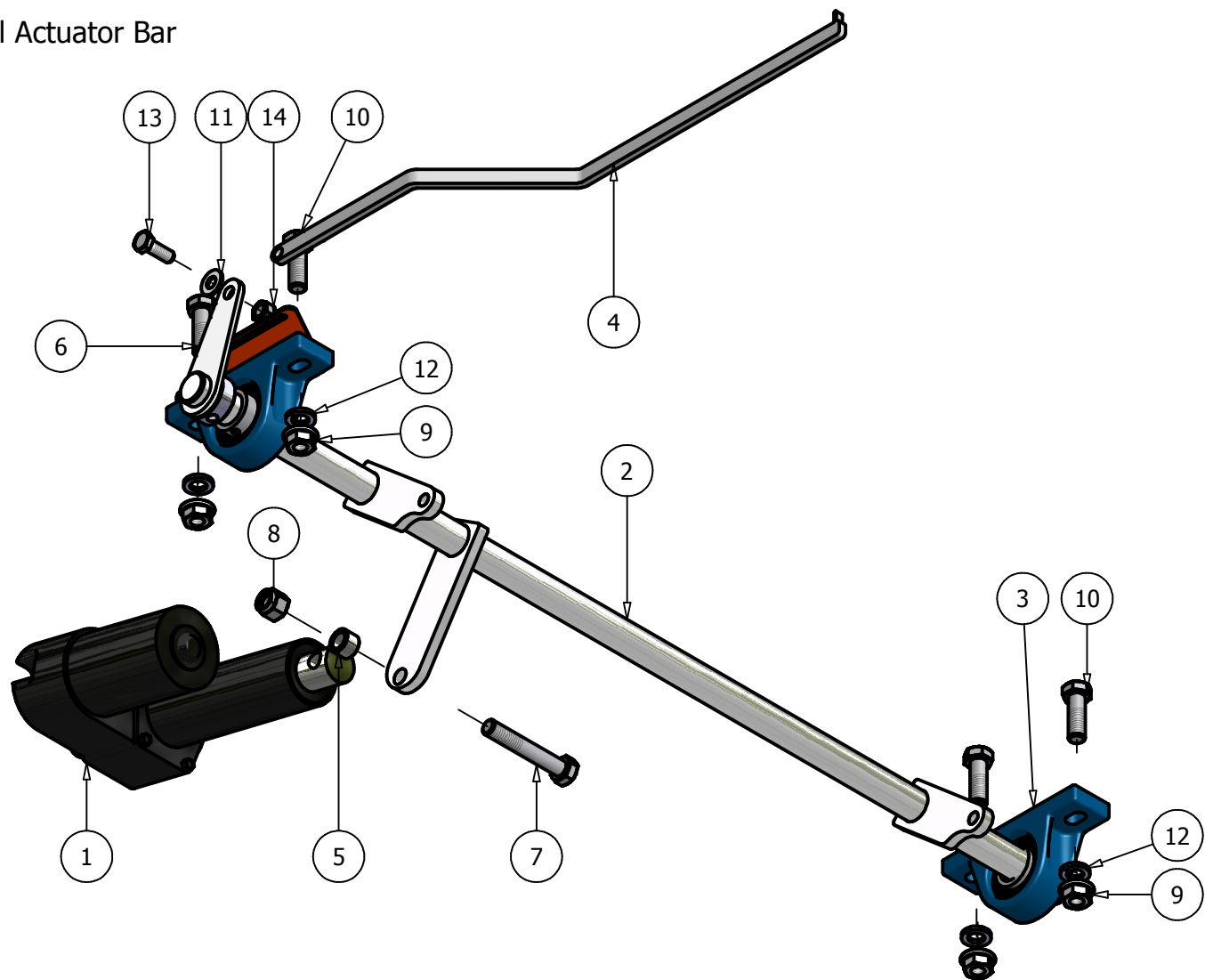


**35hp Caterpillar
28hp Caterpillar**

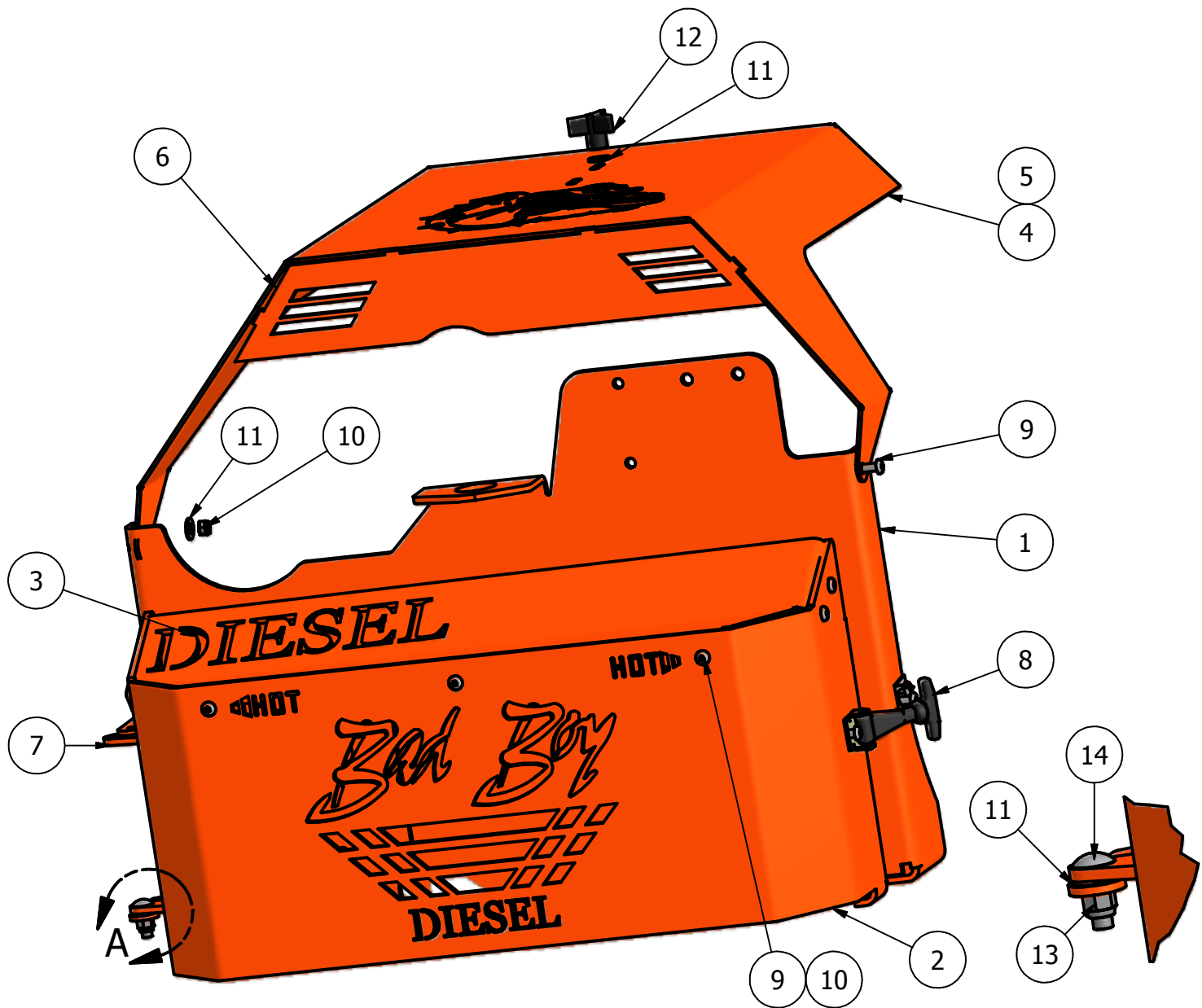


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Diesel Actuator Bar



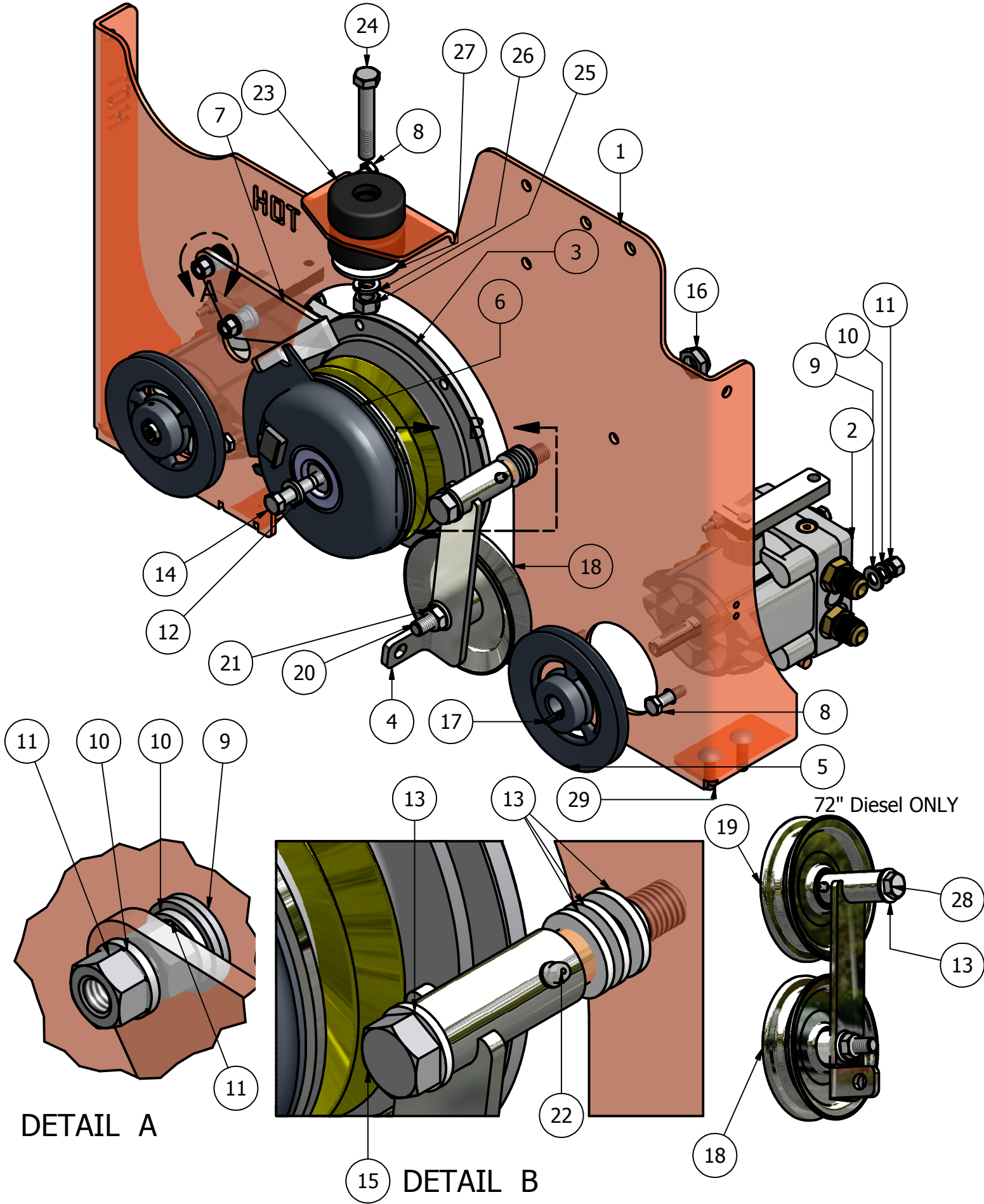
Actuator Bar			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	035-7033-00	Actuator
2	1	028-7930-00	Actuator Bar
3	2	017-7008-00	1" Pillow Block
4	1	028-5203-00	Height Indicator
5	2	019-5702-00	1/2" Washer
6	1	031-7000-00	2006 Height Indicator Lever
7	2	018-6036-00	1/2" x 2 1/2" Hex Bolt
8	2	013-6037-00	1/2" Nylock Nut
9	4	013-5300-00	1/2" Flange Nut
10	4	018-5600-00	1/2" x 1 1/2" Hex Bolt
11	1	019-6042-00	.360 ID Plastic Washer
12	4	019-5007-00	1/2" Lock Washer
13	1	018-6049-00	3/8" x 1" Hex Bolt
14	1	013-5041-00	3/8 Nylock Nut



DETAIL A
SCALE 1 / 3

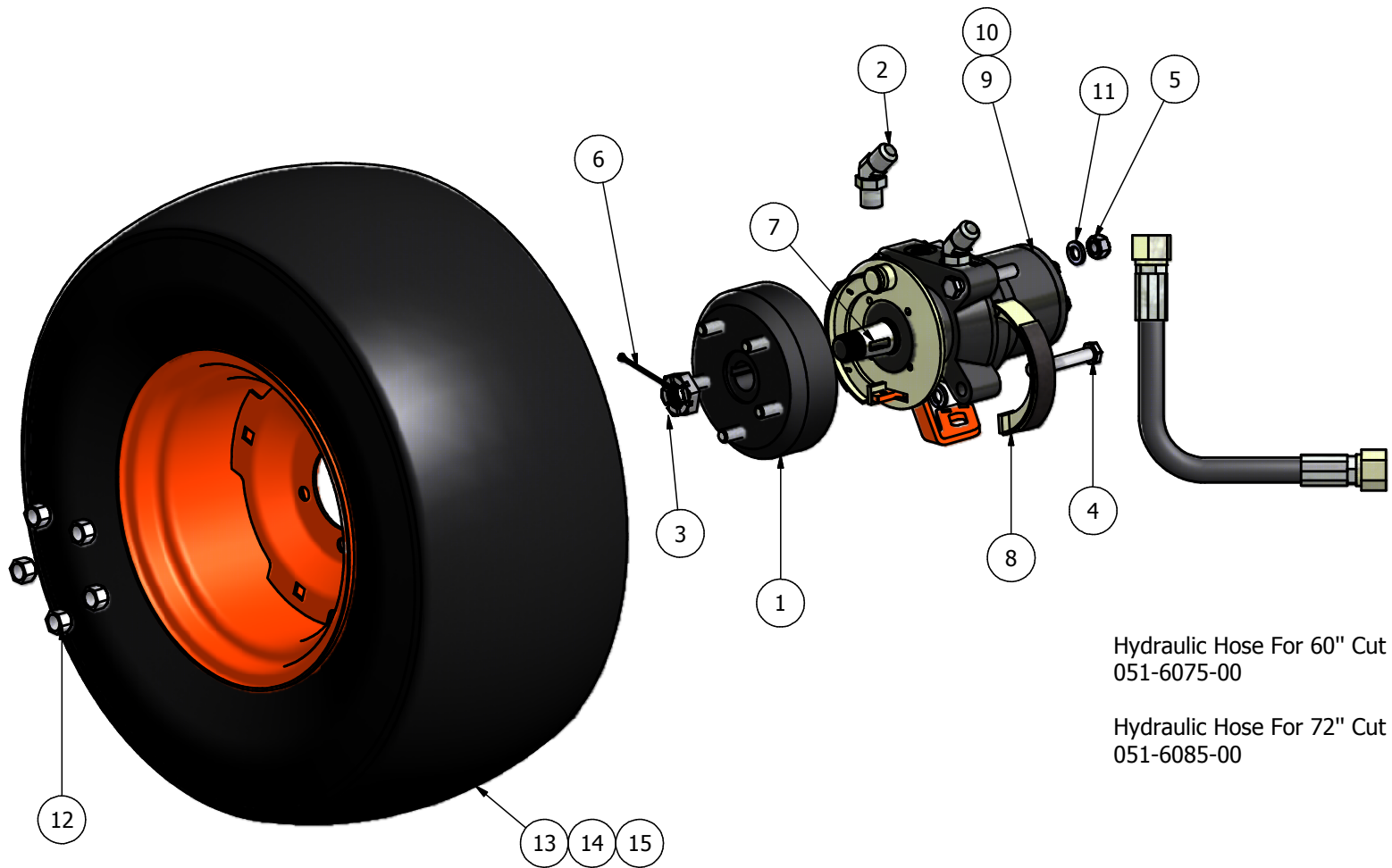
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	026-8030-00	Pump Plate
2	1	014-5920-00	Back Pump Cover
3	1	059-8000-00	Top Back Cover
4	1	059-8010-00	35 HP Hood
5	1	059-8020-00	28 HP Hood
6	1	059-8011-00	Back Cover For Hood
7	1	039-0070-00	Pump Cover Hinge
8	1	052-5020-00	Pump Cover Latch
9	9	018-5007-00	5/16" x 3/4" Bolt
10	9	013-8047-00	5/16" Nylock Nut
11	5	019-6042-00	.360 ID Plastic Washer
12	1	045-6043-00	5/16" Knob
13	2	013-8047-00	5/16" Nylock Nut
14	2	018-8065-00	5/16" x 3/4" Carraige Bolt

Diesel Pump Plate

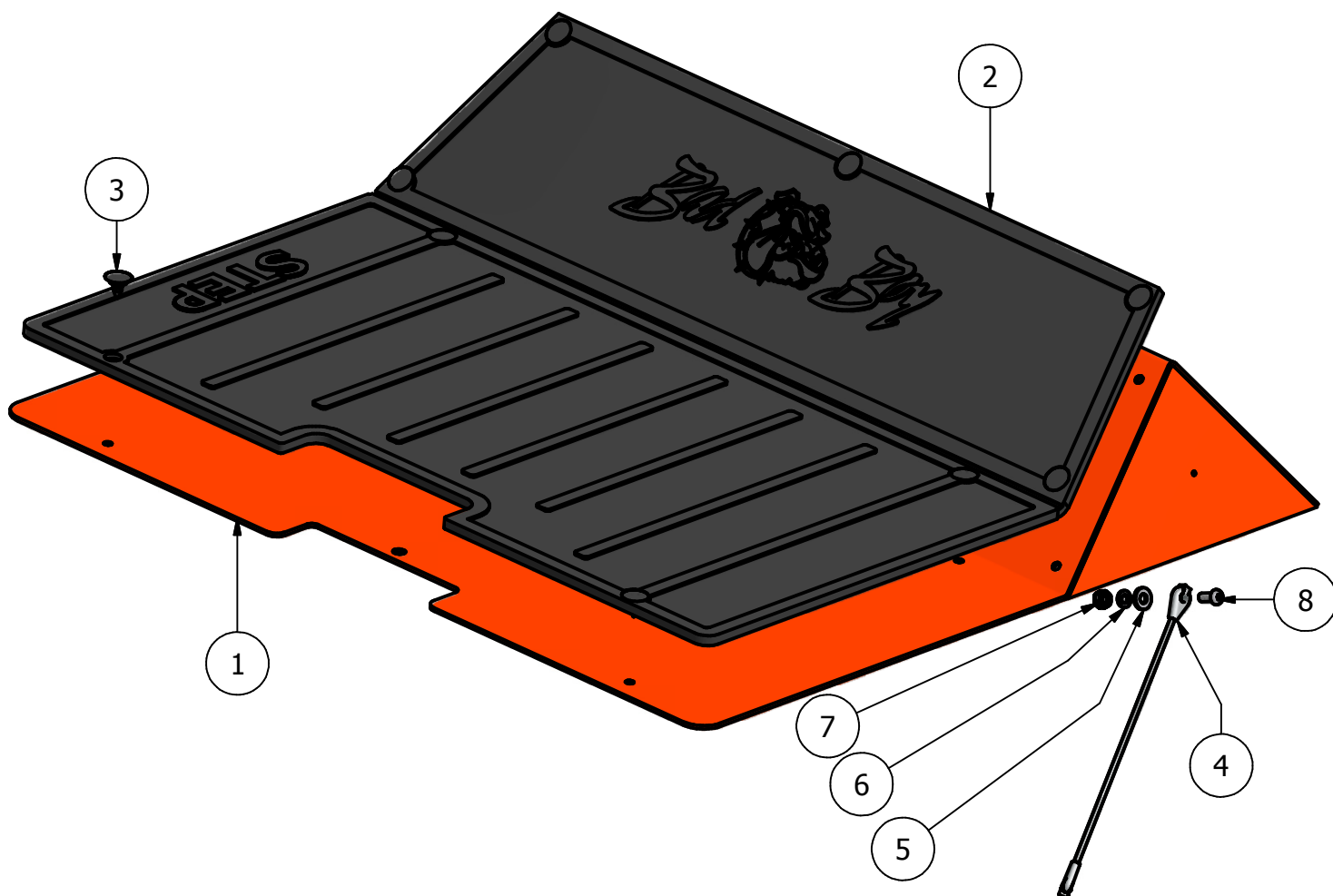


Diesel Clutch Assembly			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	026-8030-00	Diesel Pump Plate
2	2	050-5308-00/ 050-5407-00	Hydraulic Pump (16A) Left/ Right
3	1	017-3000-00	Stub Shaft
4	1	039-5944-00	Pump Idler Bracket
5	2	033-5011-00	5" Pump Pulley
6	1	070-5040-00	Diesel Clutch
7	1	057-5906-00	PTO Engager Holder
8	6	018-6012-00	3/8" x 1 1/2" Hex Bolt
9	8	019-5029-00	3/8" Flat Washer
10	8	019-5037-00	3/8" Lock Washer
11	8	013-6014-00	3/8" Hex Nut
12	1	019-8053-00	7/16" Lock Washer
13	4	019-6017-00	.635 ID Plastic Washer
14	1	018-5401-00	7/16" x 2 3/4" Fine Thread Bolt
15	1	018-5312-00	5/8" x 4 1/2" Hex Bolt (60")
16	1	013-5301-00	5/8" Nylock (1/2 Jam)
17	2	042-5012-00	5mm x 1.25" Key
18	1	033-6001-00	4 3/4" Idler Pulley
19	1	033-4050-00	Diesel Idler Pulley
20	1	018-6036-00	1/2" x 2 1/2" Bolt
21	1	013-8050-00	1/2" Nylock Flange Nut
22	1	024-6034-00	Grease Fitting
23	1	032-4000-00	Rubber Isolator
24	1	018-7016-00	1/2" x 3" Hex Bolt
25	1	013-7018-00	1/2" Hex Nut
26	1	019-5007-00	1/2" Lock Washer
27	1	032-4001-00	Vibration Mount Snubbing Washer
28	1	018-6016-00	5/8" x 5 1/2" Hex Bolt (72")
29	6	018-5043-00	3/8" x 1 1/4" Carriage Bolt

AOS Wheel Motor/Tire and Wheel Assembly

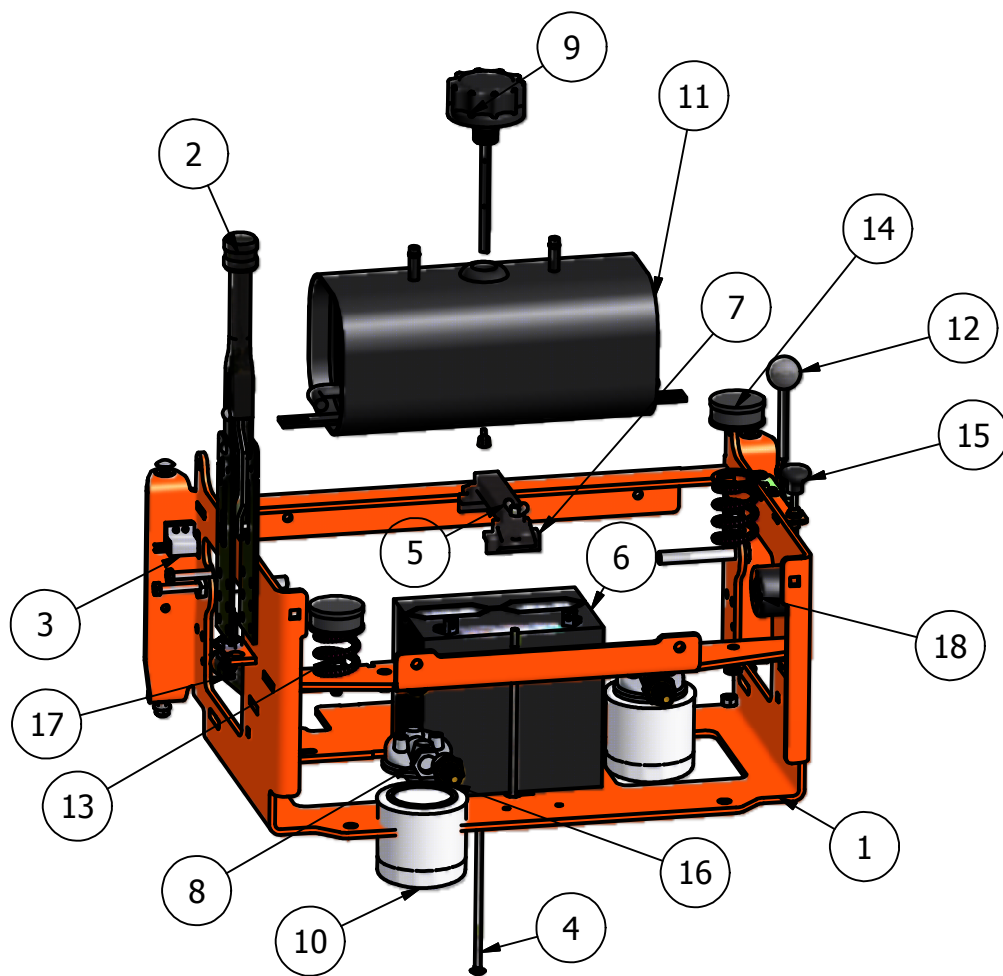


Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	092-6000-00	Brake Drum
2	2	024-2050-00	Hydraulic Fitting
3	1	013-7050-00	Castle Nut
4	4	018-7016-00	1/2" - 13 x 3" GRS Hex Bolt Zinc
5	4	013-7018-00	1/2" Hex Nut
6	1	020-7022-00	1/8"x2 1/4" Cotter Pin
7	1	042-7041-00	Woodruff Key
8	2	092-6050-00	Brake Pads
9	1	015-5006-98	Wheel Motor and Drum Brake Combo-18E Right
10	1	015-5007-98	Wheel Motor and Drum Brake Combo-18E Left
11	4	019-5007-00	1/2" Lock Washer
12	5	013-3000-00	Acorn Lug Nut
13	1	022-7033-00	12" Rim
14	1	022-7032-00	26" x 12-12 Tire -60"x72" Cut
15	1	022-7031-00	26" Tire and Wheel Assembly



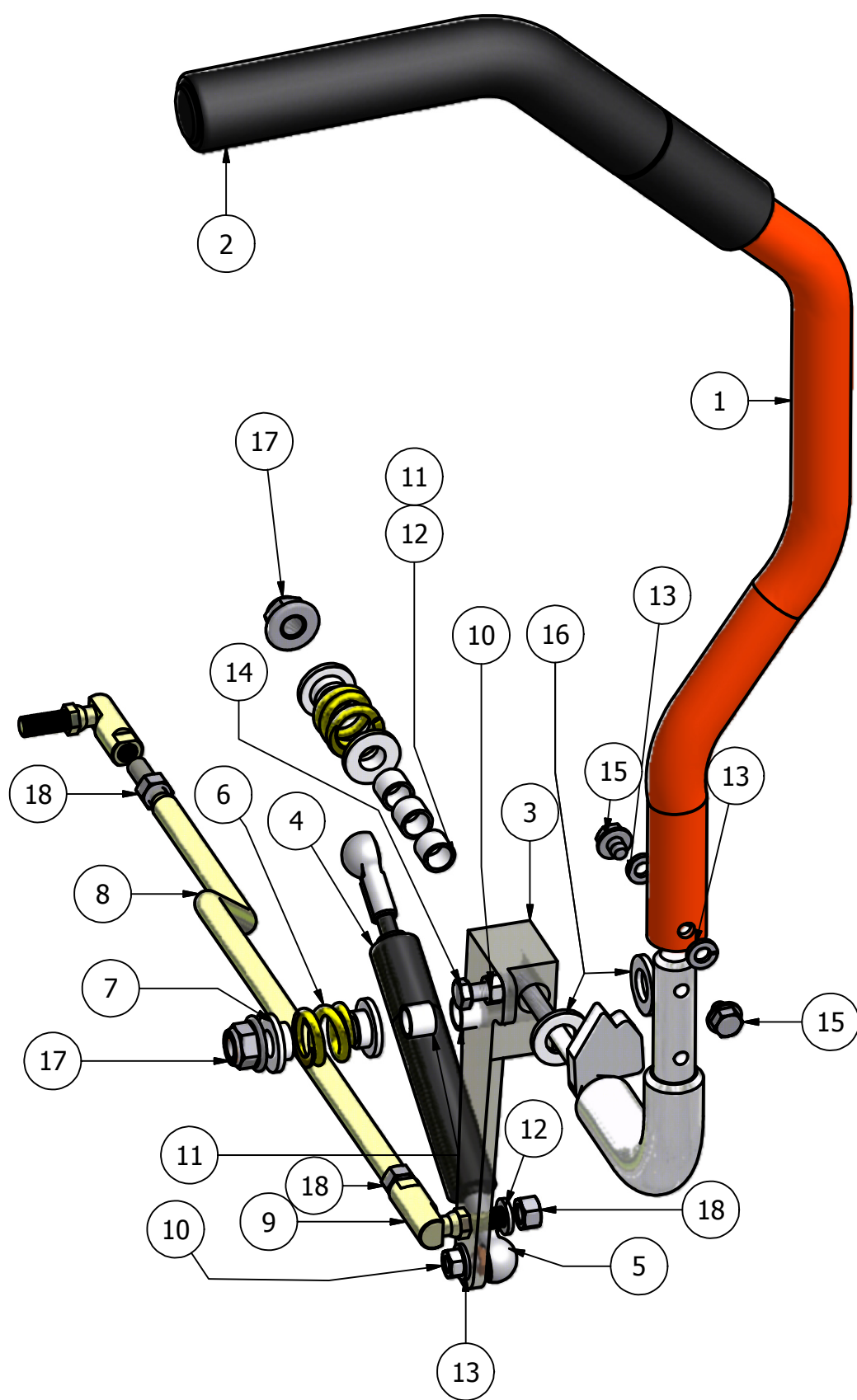
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	079-6000-00	2006 AOS Floor Panel
2	1	081-2007-00	AOS Floor Mat
3	9	018-1050-00	Ratchet Fastener
4	1	064-2005-00	Floor Board Cable
5	1	019-7040-00	1/4" Flat Washer
6	1	019-4008-00	1/4" Lock Washer
7	1	013-8039-00	1/4" Hex Nut
8	1	018-8064-00	1/4" x 5/8" Buttonhead Bolt

2009 Seat Frame

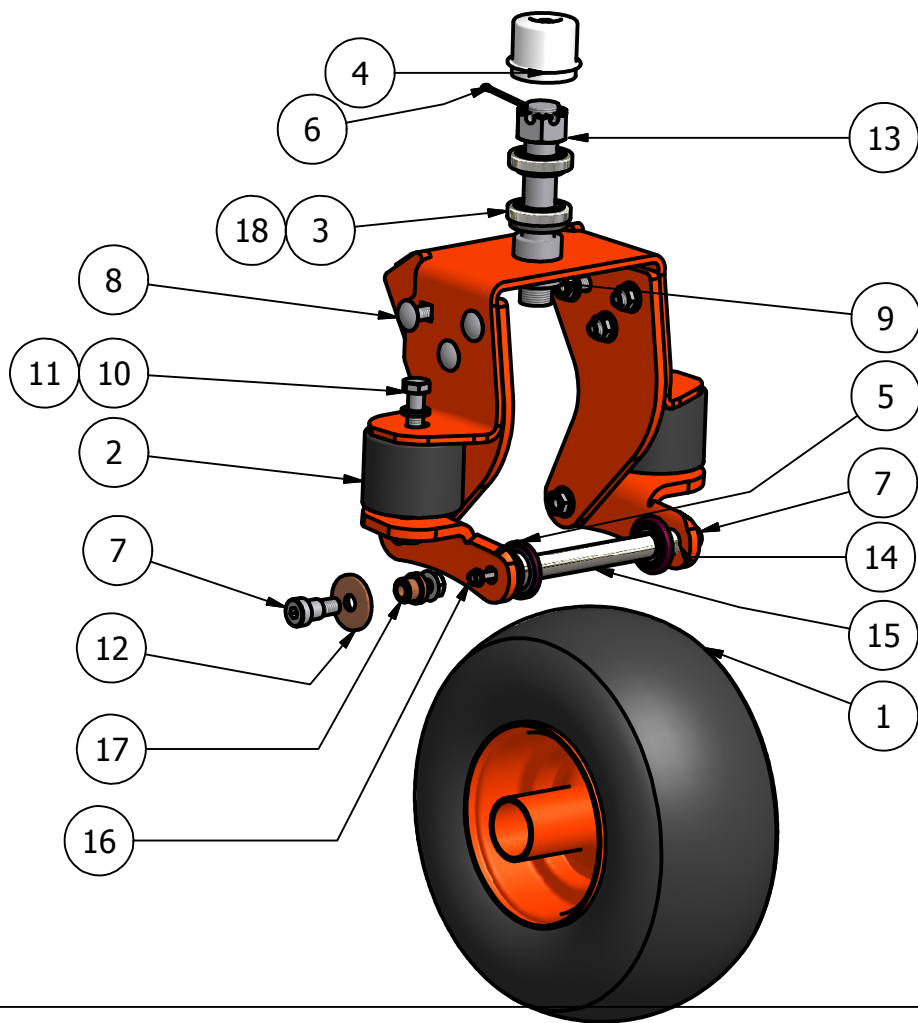


Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	080-6010-00	Seat Frame
2	1	069-8054-00	Brake Lever
3	3	077-8073-00	Safety Switch
4	2	018-8051-00	8" Stove Bolt (Diesel Gets 9")
5	2	013-8051-00	1/4" Wing Nut
6	1	068-8050-00	Battery
7	1	043-8929-00	Battery Hold-Down
8	2	062-8013-00	Filter Head
9	1	066-8050-00	Hydraulic Tank Cap
10	2	063-8014-00	Hydraulic Filter
11	1	067-2009-00	Steel Hydraulic Tank
12	1	055-8018-00	Throttle
13	2	034-8045-00	Seat Spring
14	2	014-8045-00	1 1/2" Spring Cap Cover
15	1	054-8016-00	Choke (All Kohlers 054-8017-00)
16	4	024-5203-00	Filter Head Fitting
17	1	064-8055-00	Brake Cable Short (Long) 064-8056-00
18	1	029-8059-00	Buzzer 26 & 27 HP Kawasaki
19	1	077-6000-00	Momentary Start Switch-Diesel

Drive Arms



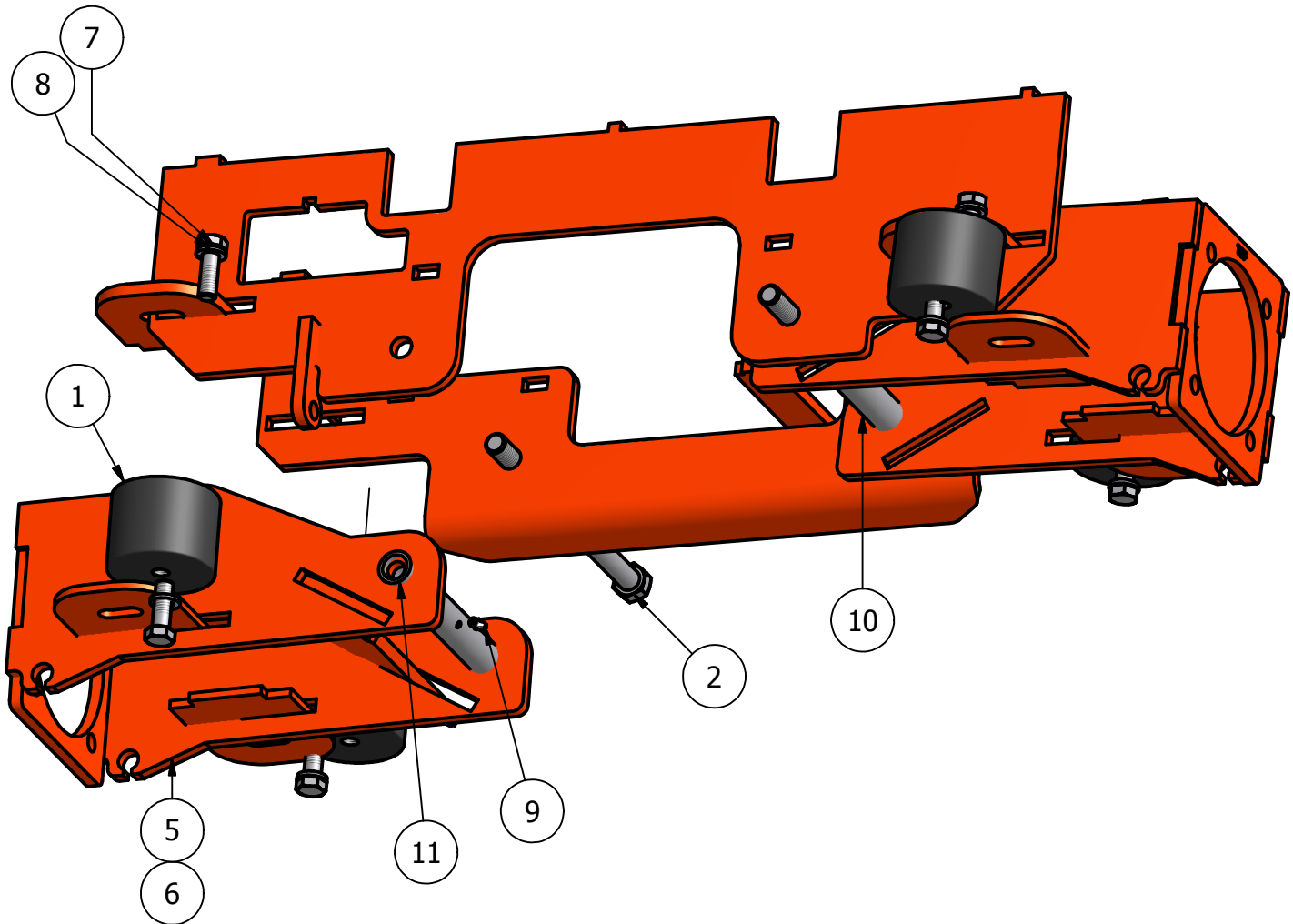
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	031-8822-00/031-8821-00	Right Drive Arm/Left
2	2	069-4010-00	Rubber Steering Handle
3	1	027-8819-00/027-8820-00	Left Drive Arm Lever
4	2	087-8080-00	Damper
5	2	018-2050-00	10mm Damper Ball Stud
6	4	034-8025-00	Drive Lever Spring
7	8	019-8027-00	.515 ID Nylon Shoulder Washer
8	2	035-6050-00	Push Rod
9	4	099-6046-00	3/8-24 Ball Joint
10	4	013-8043-00	5/16" Nut
11	10	032-8043-00	.507 ID Nylon Bushing
12	4	019-5037-00	3/8" Lock Washer
13	6	019-8051-00	5/16" Lock Washer
14	2	018-8063-00	5/16"x3/4" Hex Bolt
15	4	018-2007-00	5/16"x1/2" Flange Bolt
16	4	019-8054-00	.505 ID Plastic Washer
17	4	013-8050-00	1/2" Flange Lock Nut
18	8	031-6051-00	3/8" Fine Thread Nut



Parts List

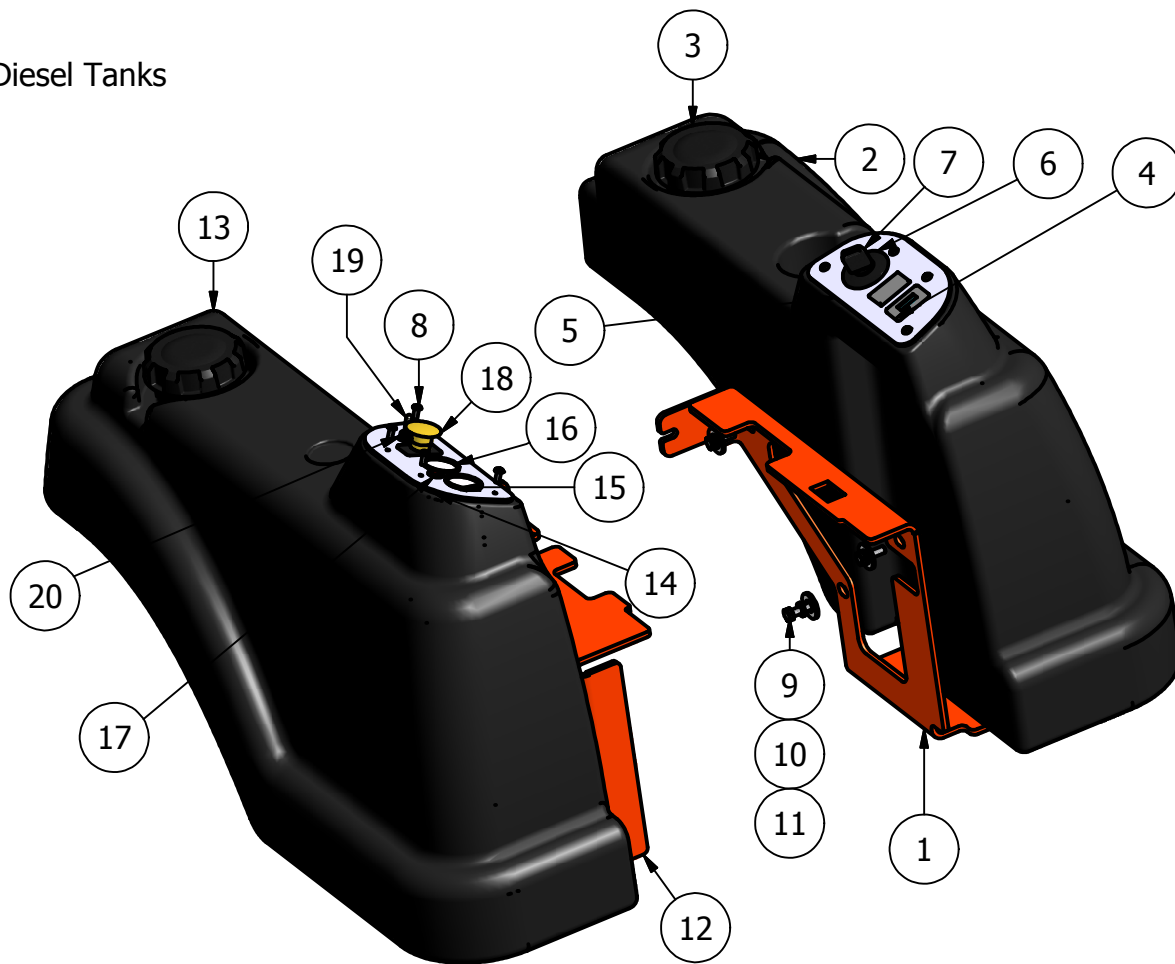
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	022-3060-00	13"x6.50-6 Tire &Wheel
2	2	032-9002-00	Rubber Isolator
3	2	010-7001-00	Bearing
4	1	014-7005-00	Dust Cover
5	2	022-7010-00	5/8" Bearing
6	1	020-7022-00	Cotter Pin
7	2	018-3001-00	5/8"x5/8" Shoulder Bolt
8	6	018-3003-00	1/2"x1 1/4"Carrige Bolt
9	8	013-5300-00	1/2" Flange Nut
10	4	018-5006-00	1/2" 1 1/2" Hex Bolt
11	4	019-5007-00	1/2" Lock Washer
12	2	019-5038-00	5/8" Flat Washer
13	1	013-7004-00	1" Fine Threaded Castle Nut
14	2	025-7036-00	1/2" ' Collar Spacer
15	1	025-5202-00	7"x 1/2" ID Tire Spacer
16	1	018-3002-00	1/2" x 10" Bolt
17	2	032-5052-00	5/8" Shoulder Bushing
18	2	011-7002-00	Race

Suspension

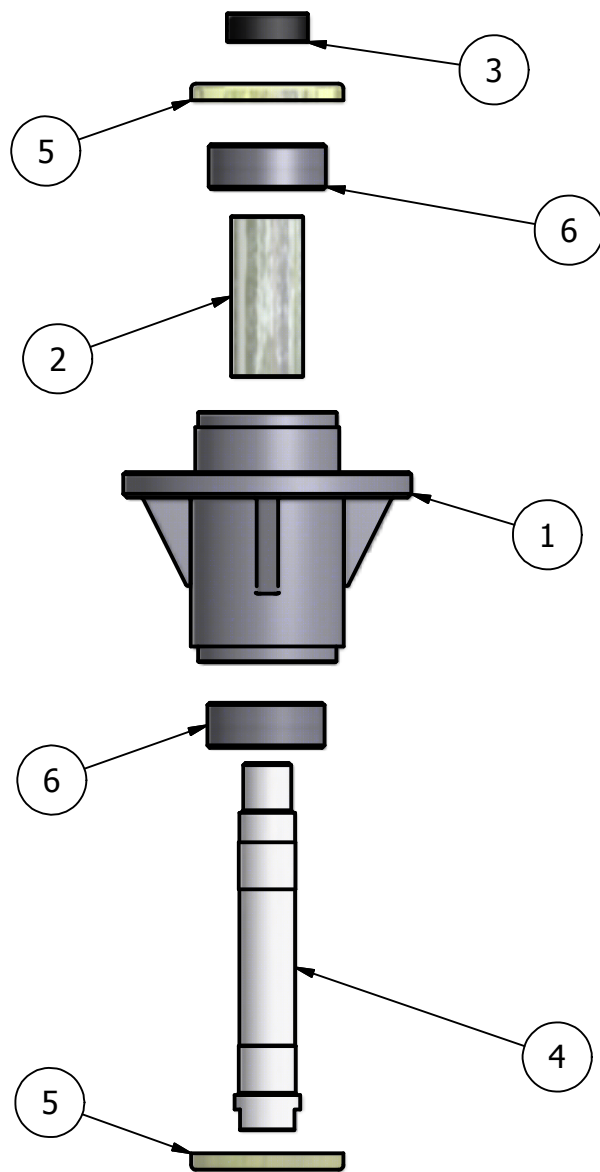


Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	032-8999-00	Vibration Mount
2	2	018-2051-00	5/8" x 10" Hex Bolt (Grade 8)
3	2	013-5301-00	5/8" Nylock 1/2 Jam
4	2	013-5020-00	5/8" Nut
5	2	070-8000-00	60" Inner Suspension Cage
6	2	070-8001-00	72" Inner Suspension Cage
7	8	018-5006-00	1/2" x 1 1/2" Hex Bolt
8	8	019-5007-00	1/2" Lock Washer
9	2	024-6034-00	Grease Fitting (Drive-In)
10	4	032-5051-00	Shoulder Spacer
11	4	032-6033-00	3/4" Brass Bushing

Diesel Tanks

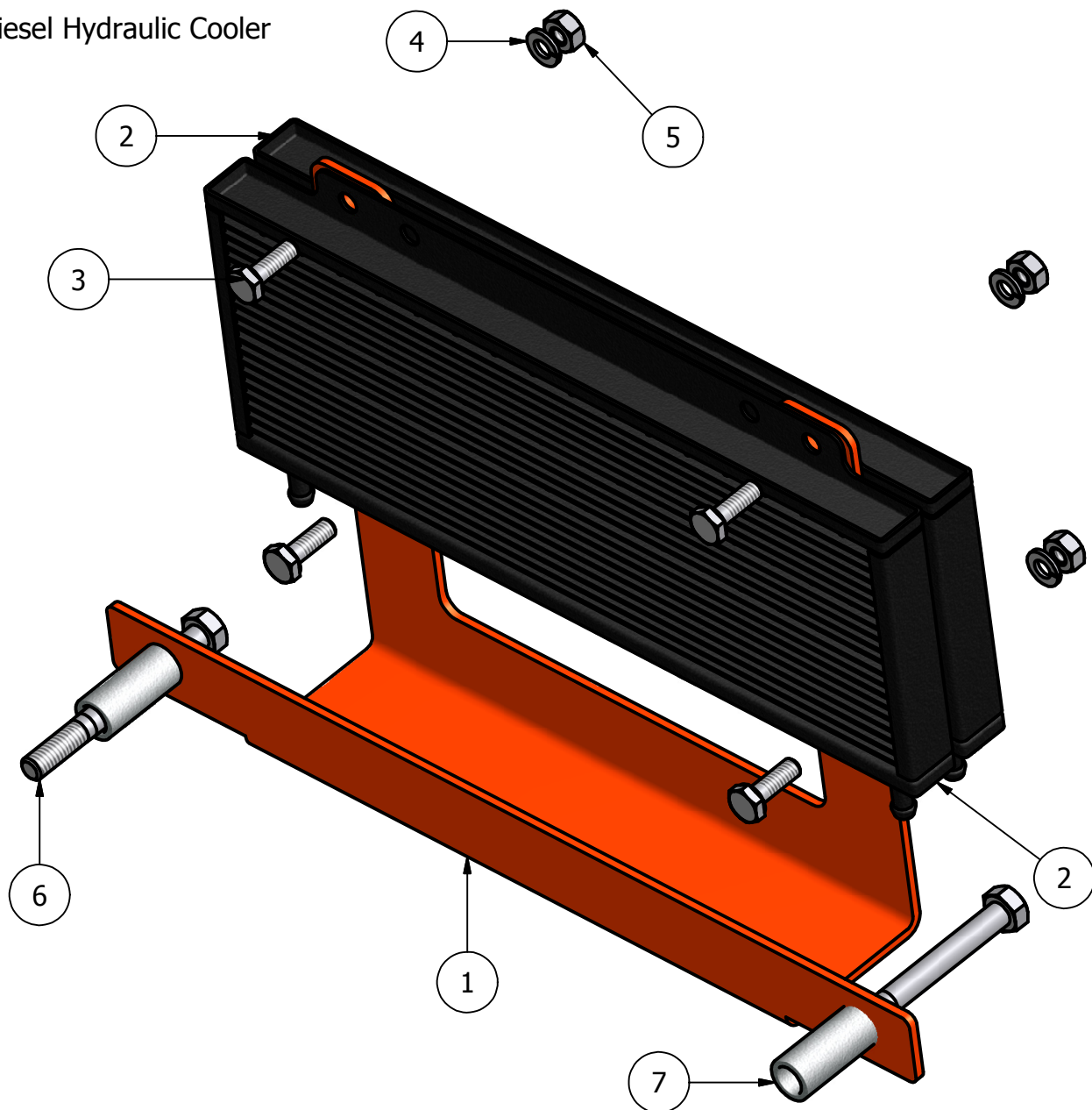


Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	031-2006-00	Left Fuel Tank Swing Support
2	1	067-3000-00	Left Fuel Tank with Fender
3	2	066-8076-00	Diesel Fuel Cap
4	1	083-4014-00	Hourmeter-Diesel
5	1	079-3402-00	Control Panel (Left)
6	1	077-8076-00	Ignition Switch
7	1	042-9000-00	Ignition Key
8	8	018-5301-00	10mm x 32 x 1" Bolt
9	10	018-5015-00	5/16" x 1" Hex Bolt
10	10	019-8051-00	5/16" Lock Washer
11	10	019-8044-00	1 5/16" Flat Washer
12	1	031-2011-00	Right Fuel Tank Support
13	1	067-3001-00	Right Fuel Tank with Fender
14	1	079-3403-00	Diesel Control Panel (Right)
15	1	086-5001-00	Oil Guage
16	1	086-5000-00	Temperature Guage
17	1	089-1000-00	Oil Light
18	1	056-8058-00	PTO Engager
19	1	078-8077-00	Deck Lift Joystick
20	1	014-8077-00	Joystick Cover

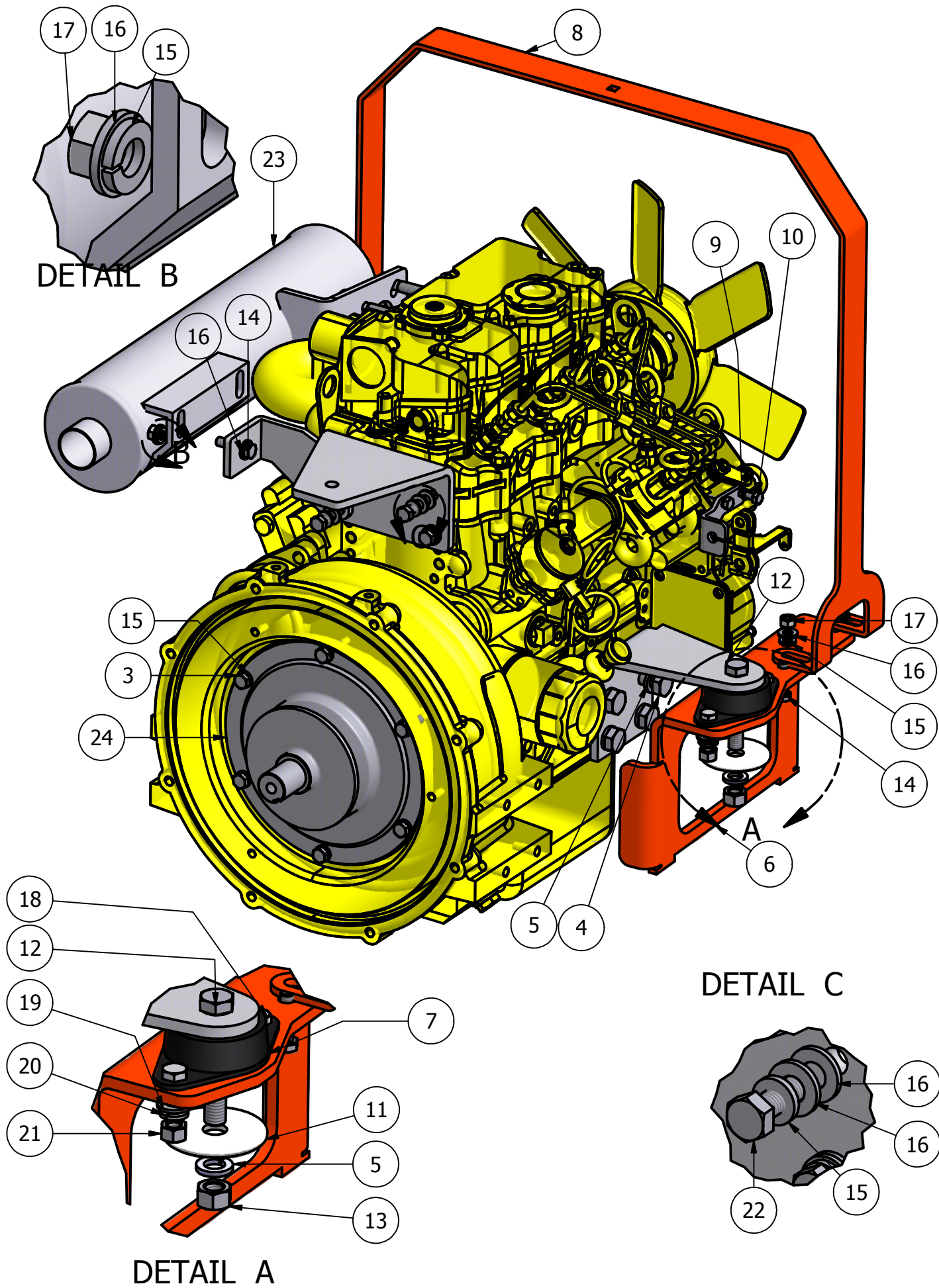


Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	037-8005-00	Spindle Housing
2	1	037-8003-00	Spindle Spacer
3	1	037-9050-00	Spindle Coller
4	1	037-8000-00	Spindle
5	2	037-8002-00	Bearing Cover
6	2	037-8001-00	Bearing

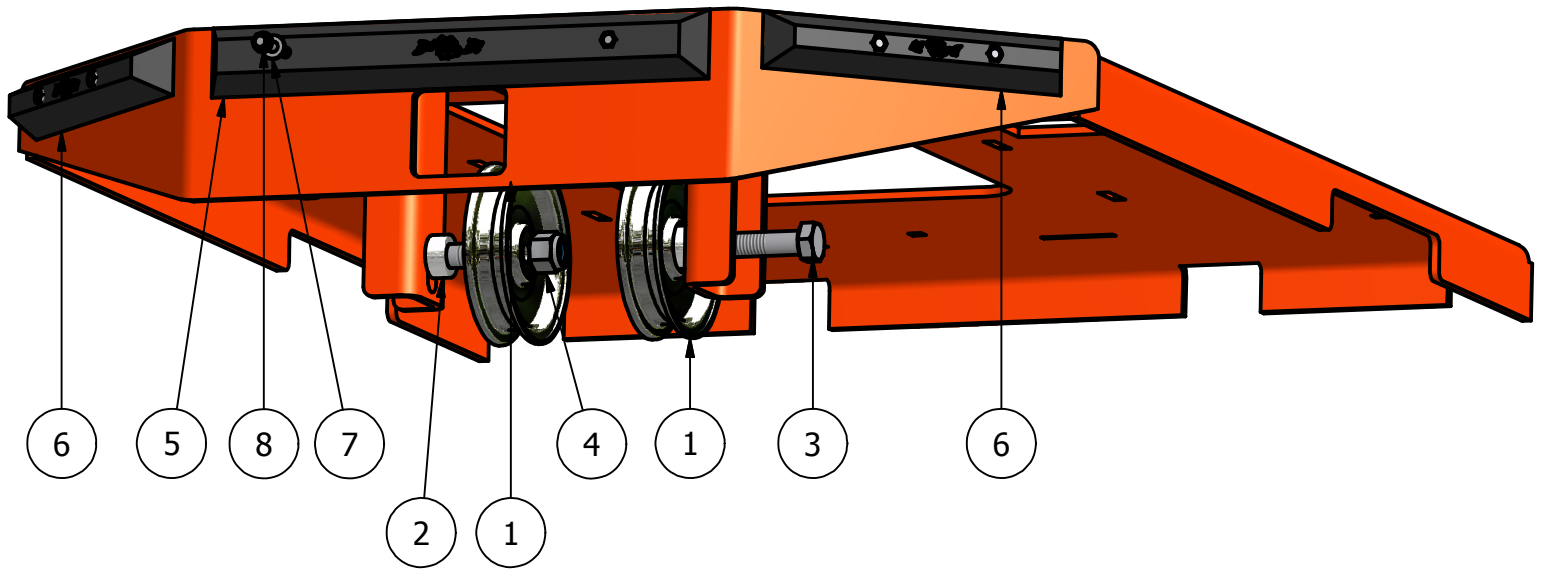
Diesel Hydraulic Cooler



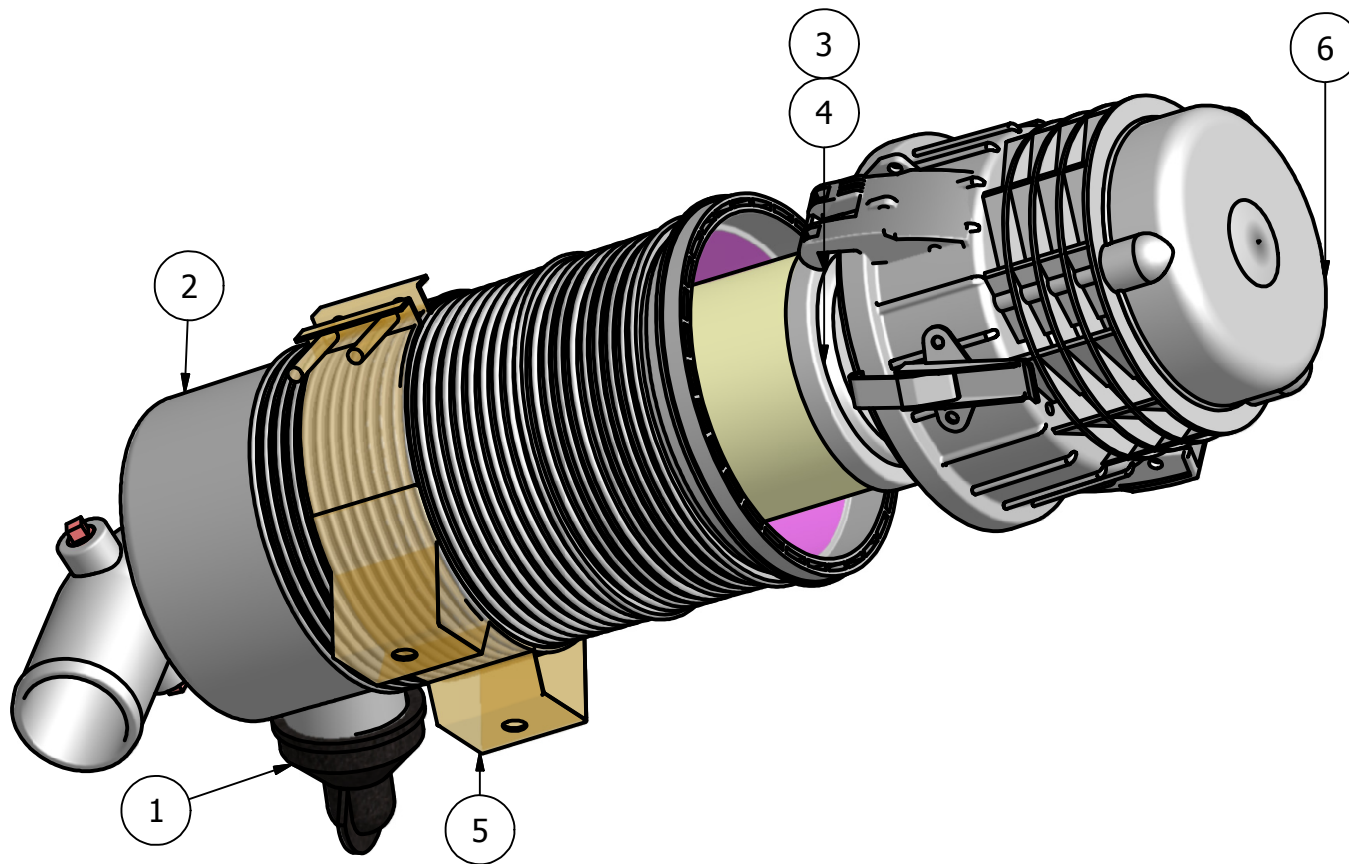
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	057-5950-00	Cooler Holder
2	2	061-8012-00	Hydraulic Cooler
3	4	018-8052-00	1/4" x 3/4" Hex Bolt
4	4	019-4008-00	1/4" Lock Washer
5	4	013-8039-00	1/4" Hex Nut
6	2	018-5355-00	5/16" x 6" Bolt (28hp)
6	2	018-4701-00	5/16" x 3" Bolt (35hp)
7	2	025-8000-00	Cooler Holder Spacer (35hp)
7	2	025-3100-00	Cooler Holder Spacer (28hp)



Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	015-0004-00	28 hp Caterpillar Engine
2	1	015-5600-00	35hp Caterpillar Engine
3	6	018-2007-00	5/16" x 1" Bolt
4	8	018-6022-00	12mmx25mm Bolt
5	10	019-5007-00	1/2" Lock Washer
6	1	070-5510-00	28hp Diesel Frame
6	1	070-5520-00	35hp Diesel Frame
7	2	032-4050-00	Rubber Isolator
8	1	201-8001-00	Hood Holder
9	2	019-4008-00	1/4" Lock Washer
10	2	018-2000-00	6mm x 20mm Bolt
11	2	032-4051-00	Snubbing Washer
12	2	018-7016-00	1/2" x3" Hex Bolt
13	2	013-7018-00	1/2" Hex Nut
14	5	018-5025-00	5/16" x 1 1/4" Hex Bolt
15	15	019-8051-00	5/16" Lock Washer
16	12	019-8044-00	5/16" Flat Washer
17	5	013-8043-00	5/16" Nut
18	4	018-6049-00	3/8"x1" Hex Bolt
19	4	019-5029-00	3/8"Flat Washer
20	4	019-5037-00	3/8" Lock Washer
21	4	013-6014-00	3/8" Hex Nut
22	4	018-2001-00	8mmx25mm Bolt
23	1	015-0005-00	Diesel Muffler
24	1	017-3000-00	Stub Shaft

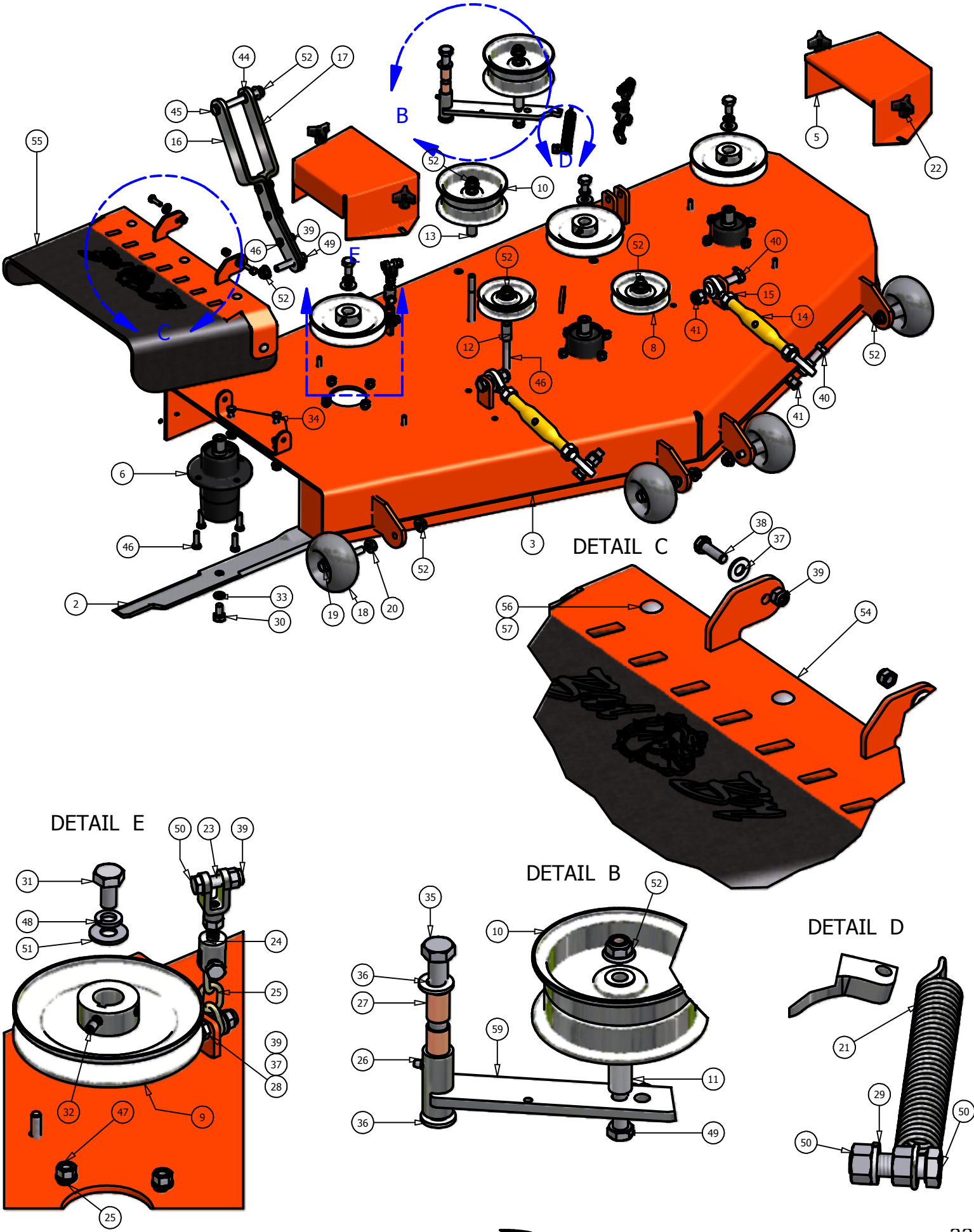


Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	033-7025-00	5" V Idler Pulley
2	2	025-7020-00	5/8" x 1/2" Collar Spacer
3	2	018-6059-00	5/8" x 2 1/2" Bolt
4	2	013-7021-00	5/8" Nylock Nut
5	1	029-7037-00	14" Bumper
6	2	029-7038-00	8" Bumper
7	6	019-7040-00	1/4" Flat Washer
8	6	030-7039-00	1/4" x 1 1/2" Self Tapping Screw



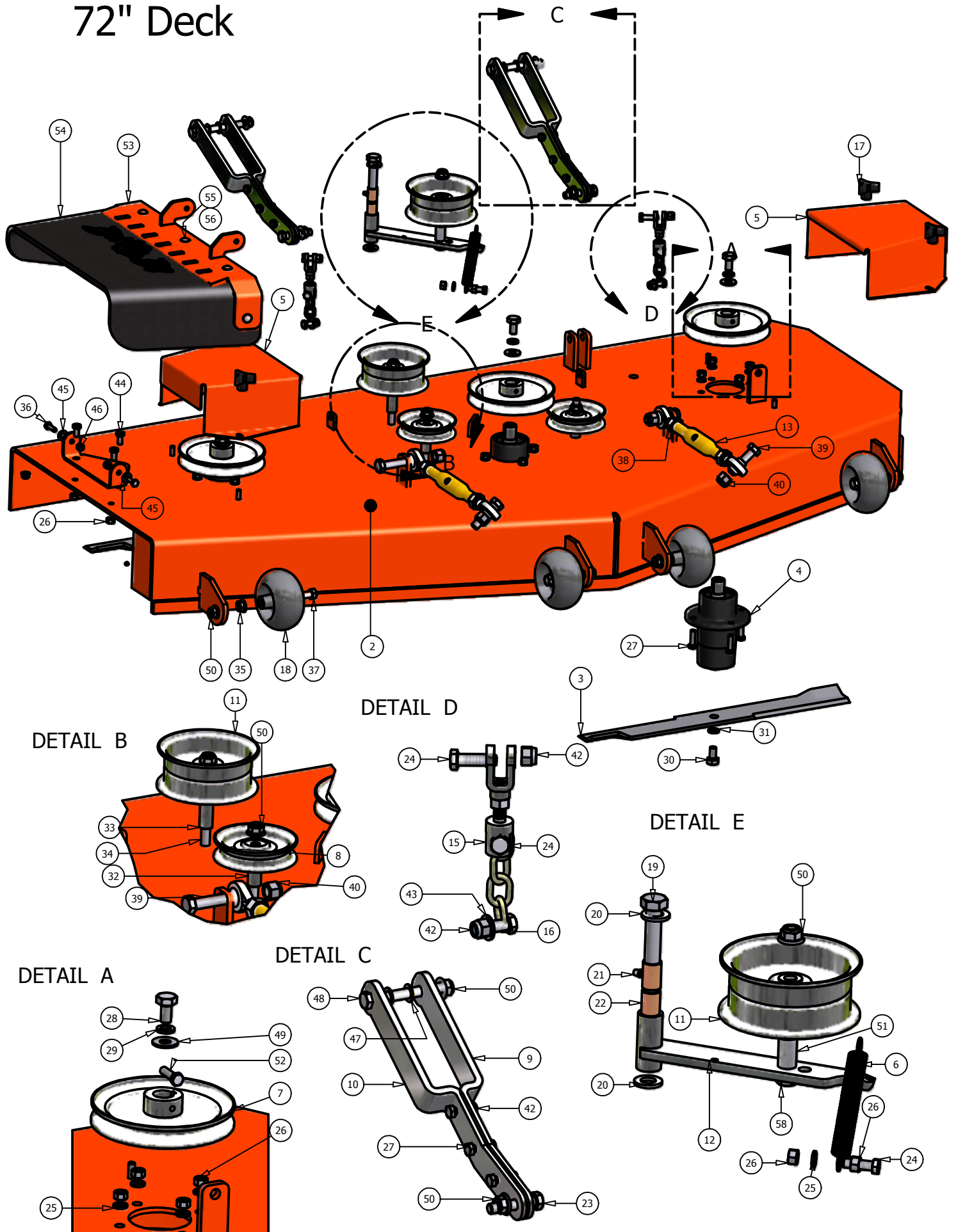
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	088-1020-00	Debris Plug
2	1	088-1018-00	Canister Body
3	1	063-2060-00	Inner Filter
4	1	063-2050-00	Outer Filter
5	1	088-1019-00	Mounting Bracket
6	1	088-1017-00	Diesel Air Filter

60" Deck

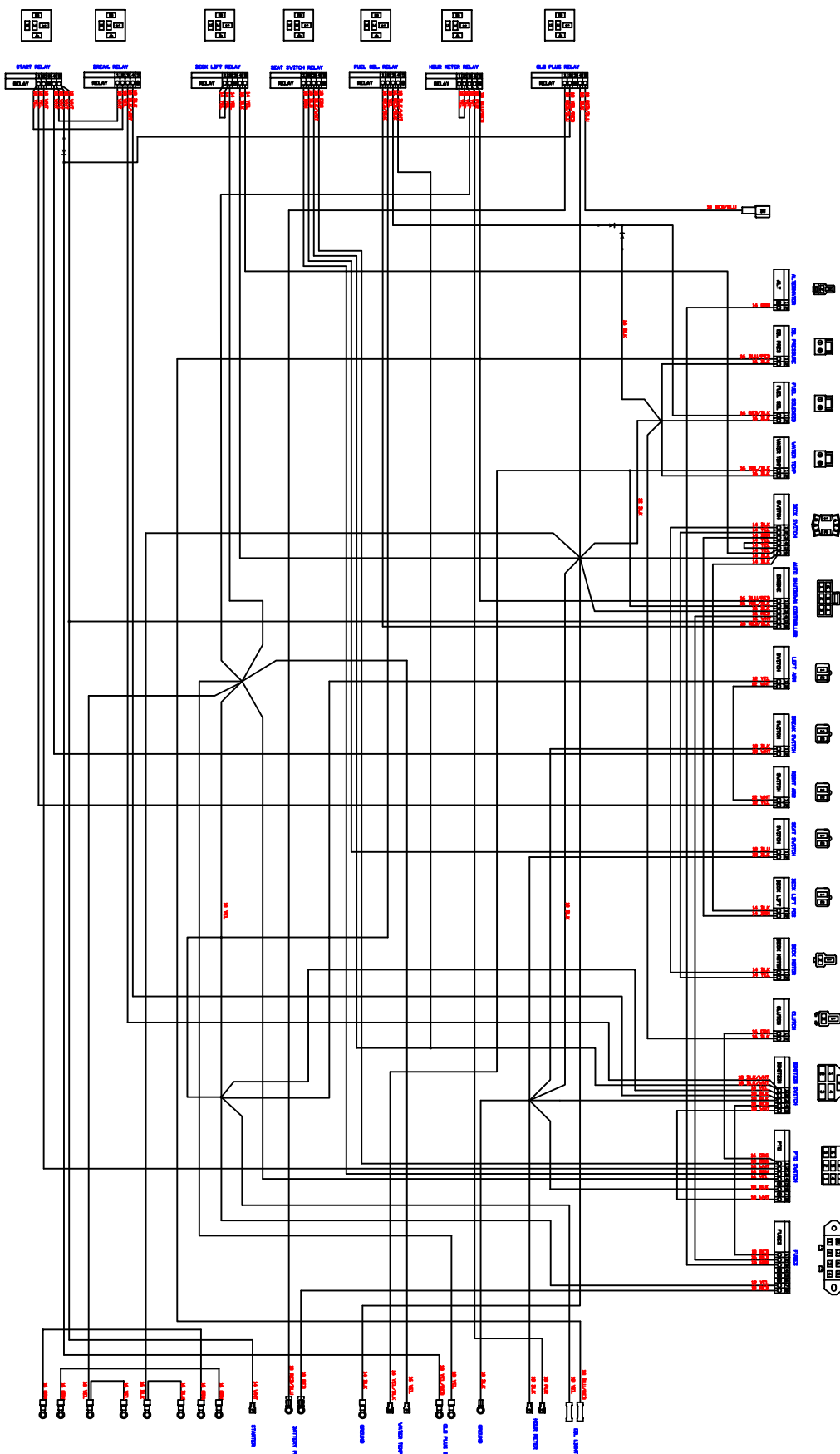


60 Inch Deck Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	041-0236-00	60" Deck Belt
2	3	038-6060-00	60" Fusion Blade
3	1	060-5403-00	60" Deck
4	1	206-6017-00	Dischage Chute Hander
5	2	014-6004-00	Pulley Guard
6	3	037-8000-00	Spindle
7	1	039-6936-00	Deck Idler Pully
8	2	033-6001-00	4 3/4" Idler Pulley
9	3	033-6004-00	6 1/4" Drive Pulley
10	2	033-5001-00	5 3/4" Flat Idler Pulley
11	1	025-5337-00	1 1/4" Pulley Spacer
12	2	025-5338-00	Pup Pulley Spacer
13	1	025-5339-00	1 3/4" Pulley Spacer
14	2	048-6056-00	Turnbuckle
15	2	013-6058-00	3/4" Left Hand Nut
16	2	031-6027-00	Deck Support Arm (Left)
17	2	031-6028-00	Deck Support Arm(Right)
18	6	022-5234-00	Anti-Scalp Roller
19	6	018-5019-00	1/2"x4" Bolt (Grade8)
20	6	013-5300-00	1/2" Flange Nut
21	1	034-2009-00	Deck Idler Spring
22	4	045-6043-00	5/16" Knob
23	2	046-6044-00	Female Yoke
24	2	046-6048-00	Male Yoke
25	2	047-6047-00	3" Chain
26	1	024-6034-00	Grease Fitting
27	2	032-6033-00	5/8" ID x 1 1/8" Brass Bushing
28	2	018-6049-00	3/8" x 1" Hex Bolt
30	13	019-5037-00	3/8" Lock Washer
29	3	018-6021-00	5/8" x 1 1/2" Fine Threaded Bolt
31	3	018-5006-00	1/2" x 1 1/2" Bolt
32	3	030-6029-00	3/8" Set Screw
33	3	019-4807-00	5/8" Lock Washer
34	3	018-5250-00	3/8" x 3/4" Hex Bolt
35	1	018-5311-00	5/8" x 4" Hex Bolt
36	2	019-6017-00	.635 ID Plastic Washer
37	2	019-6042-00	.360 Id Plastic Washer
38	2	018-5015-00	5/16" x 1" Hex Bolt
39	15	013-7021-00	5/16" Nylock Nut
40	4	018-6059-00	5/8" x 2 1/2" Bolt
41	4	013-7021-00	5/8" Nylock Nut
42	3	018-6054-00	1/2" x 3 1/2" Hex Bolt
43	4	019-5010-00	1/2" Brass Washer
44	2	018-7050-00	1/2" x 4 1/2" Bolt
45	18	018-5040-00	3/8" x 1 1/4" Hex Bolt
46	14	013-6014-00	3/8" Hex Nut
47	3	019-5007-00	1/2" Lock Washer
48	2	018-6036-00	1/2" x 2 1/2" Hex Bolt
49	5	018-6012-00	3/8" x 1 1/2" Hex Bolt
50	3	019-6020-00	1/2" Cupped Washer
51	13	013-8050-00	1/2" Flange Lock Nut
52	1	039-4863-00	2007 Lower Hanger
53	1	039-4864-00	2007 Hanger Plate
54	1	210-6005-00	Rubber Side Discharge
55	5	018-5020-00	5/16" x 1 1/2" Carriage Bolt
56	5	013-8049-00	5/16" Nylock Flange Nut
57	1	018-7016-00	1/2" x 3" Bolt
58	3	013-5201-00	3/8" Flange Nut
59	1	019-5029-00	3/8" Flat Washer

72" Deck



Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	041-0254-00	72" Deck Belt
2	1	060-7205-00	72" Deck
3	3	038-7230-00	72" Frsion Blade
4	3	037-8000-00	Spindle
5	2	014-7204-00	Pulley Guard
6	1	034-2009-00	Deck Idler Spring
7	3	033-7203-00	7" Deck Pulley
8	2	033-6001-00	4 3/4" Idler Pulley
9	2	031-6028-00	Deck Support Arm (Right)
10	2	031-6027-00	Deck Support Arm(Left)
11	2	033-5001-00	5 3/4" Flat Idler Pulley
12	1	039-6936-00	Deck Idler Arm
13	2	048-6056-00	Turnbuckle
14	2	046-6044-00	Female Yoke
15	2	046-6048-00	Male Yoke
16	2	047-6047-00	3" Chain
17	4	045-6043-00	5 /16" Knob
18	6	022-5234-00	Anti-Scalp Roller
19	1	018-5311-00	5/8" x 4" Hex Bolt
20	2	019-6017-00	.635 ID Plastic Washer
21	1	024-6034-00	Grease Fitting (Drive-in Type)
22	2	032-6033-00	5/8" ID x 1 1/8" Brass Bushing
23	2	018-6036-00	1/2" x 2 1/2" Hex Bolt
24	5	018-6012-00	3/8" x 1 1/4" Hex Bolt
25	13	019-5037-00	3/8" Lock Washer
26	17	013-6014-00	3/8" Hex Nut
27	18	018-5040-00	3/8" x 1 1/4" Hex Bolt
28	3	018-6019-00	1/2" x 1 1/2" Fine Thread Bolt
29	3	019-5007-00	1/2" Lock Washer
30	3	018-6021-00	5/8" x 1 1/2" Fine Thread Bolt
31	3	019-4807-00	5/8" Lock Washer
32	2	025-5338-00	1 1/2" Pulley Spacer
33	1	025-5339-00	1 3/4" Pulley Spacer
34	1	018-6054-00	1/2" x 3 1/2" Bolt
35	6	013-5300-00	1/2" Flange Nut
36	6	018-5015-00	5/16" x 1" Hex Bolt
37	6	018-5019-00	1/2" x 4" Bolt
38	2	013-6058-00	3/4" Left Handed Nut
39	4	018-6059-00	5/8" x 2 1/2" Hex Bolt
40	5	013-7021-00	5/8" STD NC Nylock Nut
41	2	013-6051-00	3/8" Fine Threaded Jam Nut
42	2	019-5029-00	3/8" Flat Washer
43	3	018-5250-00	3/8" x 3/4" Hex Bolt
44	2	019-6042-00	.360 ID Plastic Washer
45	14	013-8047-00	5/16" Nylock Nut
46	4	019-5010-00	1/2" Brass Washer
47	2	018-7050-00	1/2" x 4 1/2" Bolt
48	3	019-6020-00	1/2" Cupped Washer
49	14	013-8050-00	1/2" Flange Lock Nut
50	1	025-5337-00	1 1/4" Pulley Spacer
51	3	030-6029-00	3/8" Hex Bolt
52	1	039-4880-00	2007 Hanger Plate
53	1	210-6005-00	Rubber Side Discharge
54	5	018-5020-00	5/16" x 1 1/2" Carriage Bolt
55	5	013-8049-00	5/16" Nylock Flange Nut
56	1	039-4881-00	2007 Lower Hanger Plate
57	1	018-7016-00	1/2" x 3" Bolt

[illegible]

FOR ALL OF YOUR PARTS NEEDS CALL



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