



www.badboymowers.com

**PARTS MANUAL FOR BAD BOY DIESEL
MODELS
2008**



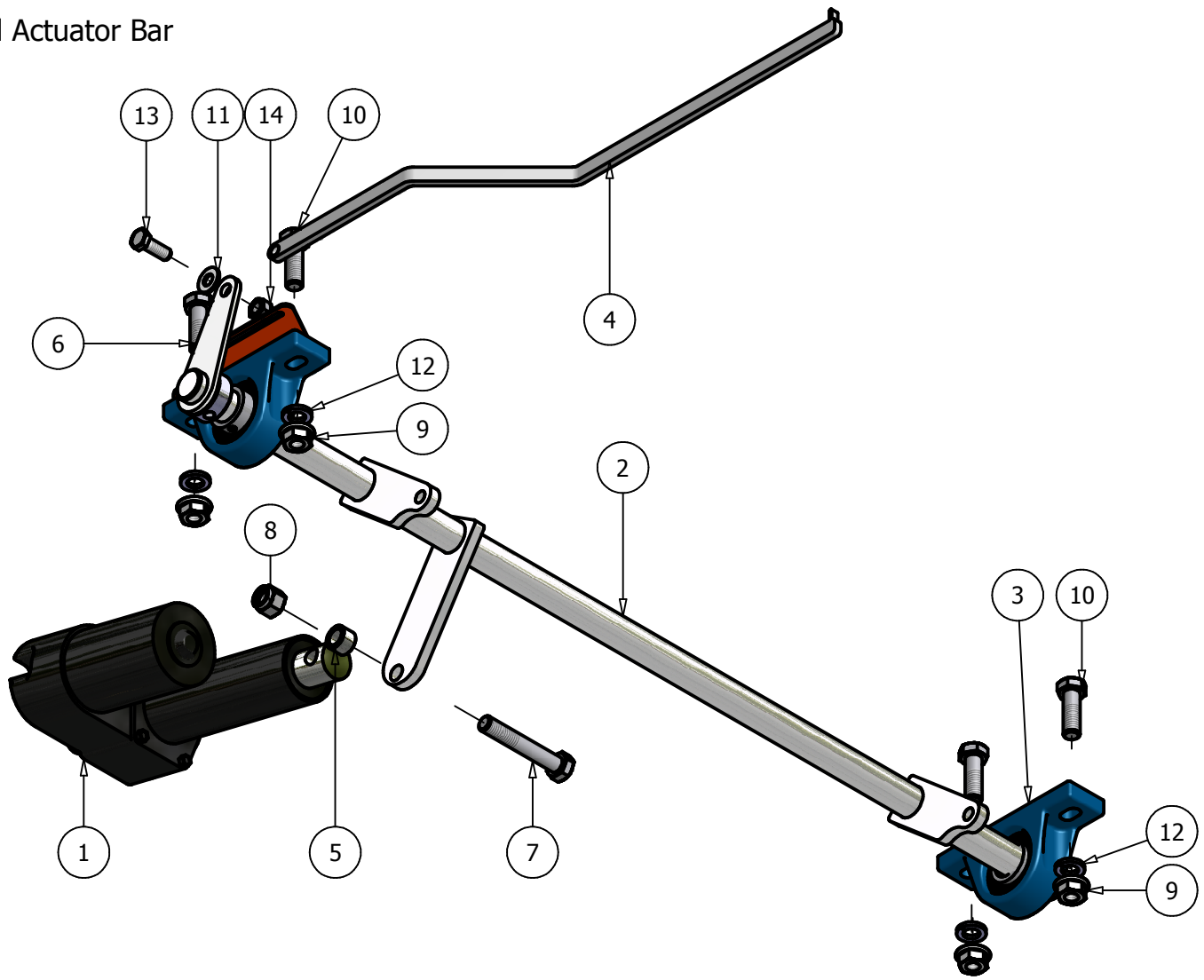
**35hp Caterpillar
28hp Caterpillar**



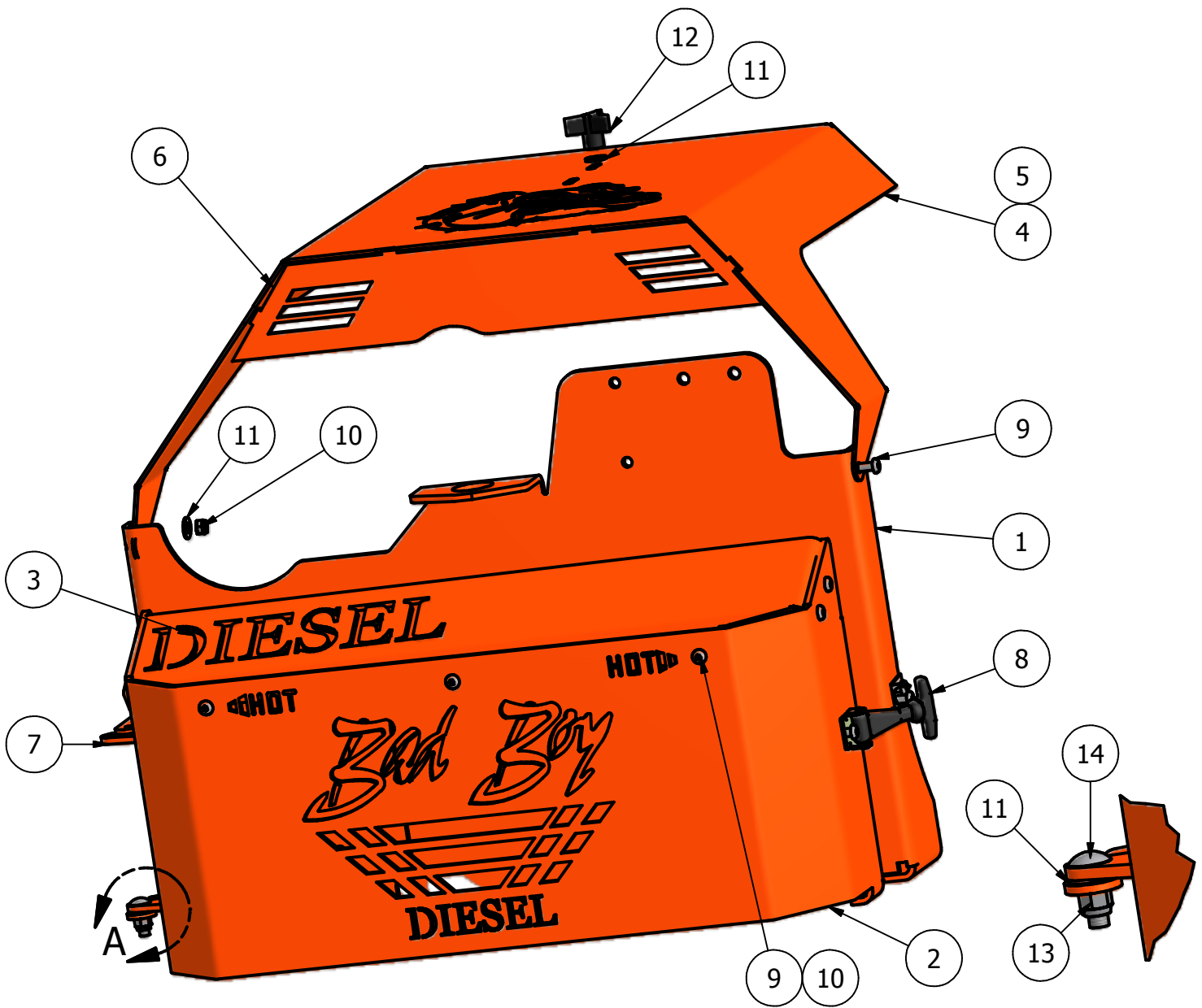
www.badboymowers.com

Actuator Bar	3
Back Panel/Hood	4
AOS Clutch Assembly	5,6
Wheel Motor	7,8
Floor Panel	9
Seat Frame	10,11
Drive Arm	12,13
Front Wheel Assembly - Suspension	14
Rear Suspension	15
Fuel Tanks	16
Spindle	17
Hydraulic Cooler	18
Engine	19,20
Rear Pulley Assembly	21
Air Filter	22
60" Deck	23,24
72" Deck	25,26
Wiring Schematic	27
Technical Support	28

Diesel Actuator Bar



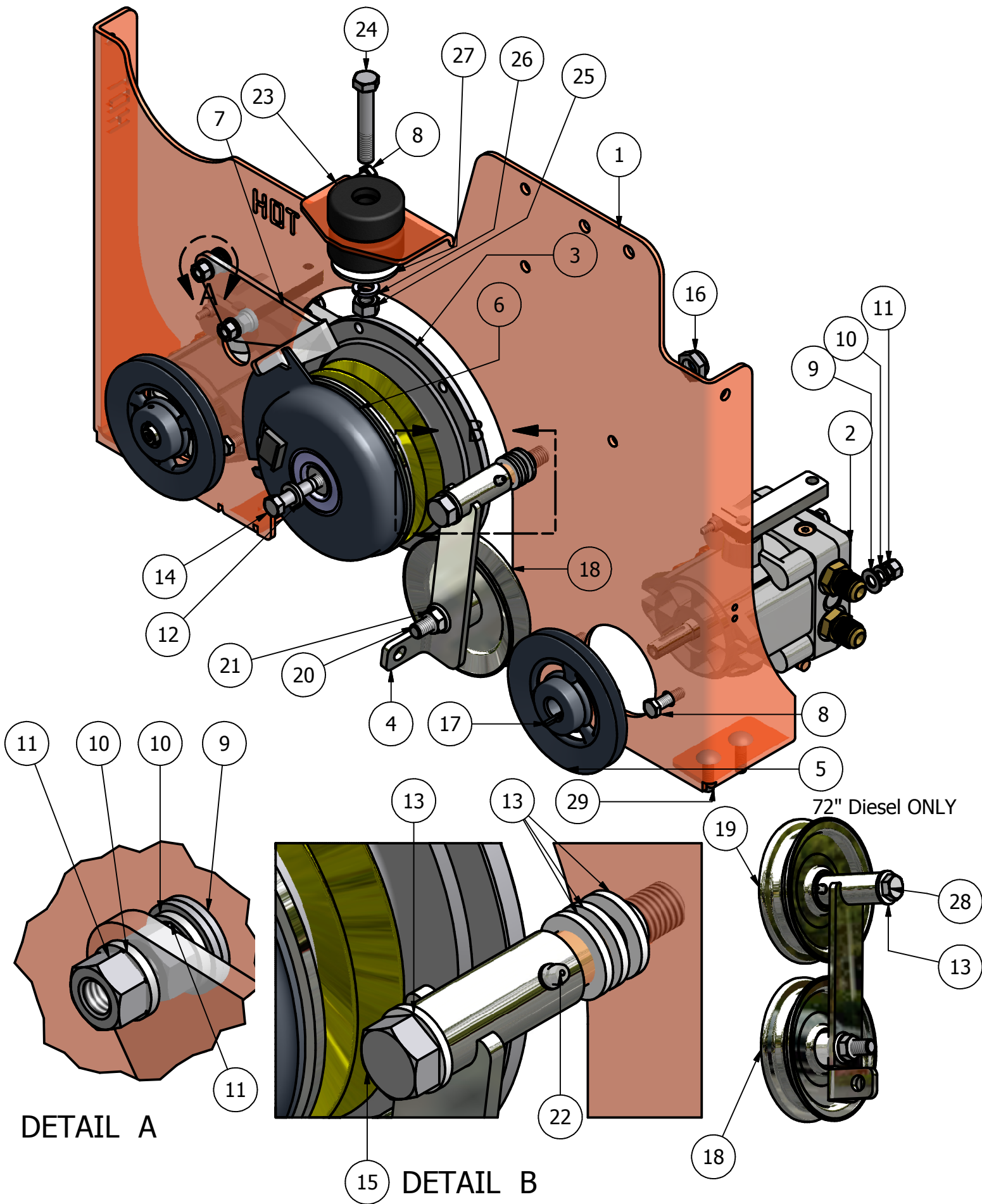
Actuator Bar			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	035-7033-00	Actuator
2	1	028-7930-00	Actuator Bar
3	2	017-7008-00	1" Pillow Block
4	1	028-5203-00	Height Indicator
5	2	019-5702-00	1/2" Washer
6	1	031-7000-00	2006 Height Indicator Lever
7	2	018-6036-00	1/2" x 2 1/2" Hex Bolt
8	2	013-6037-00	1/2" Nylock 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

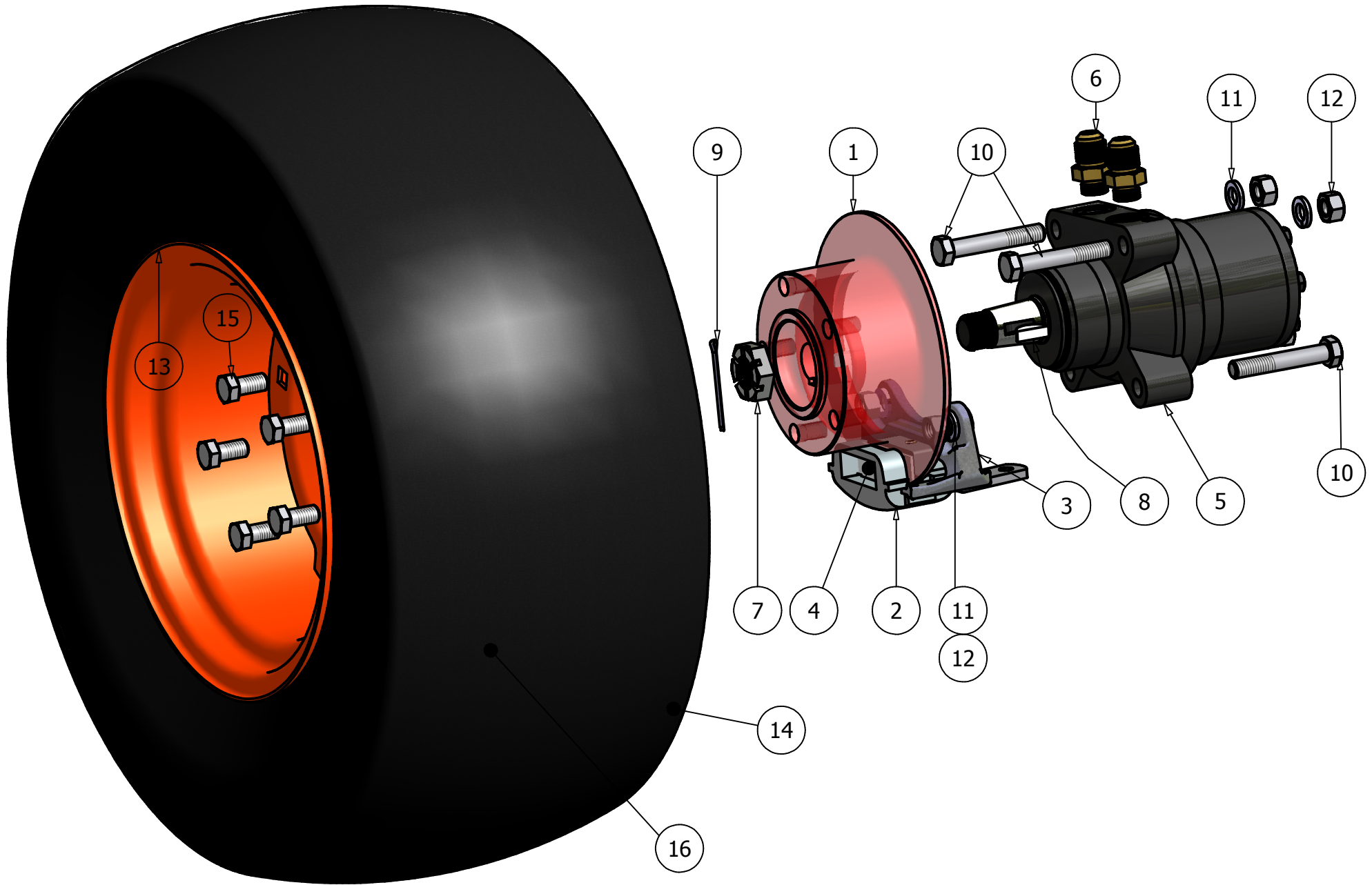
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	026-8030-00	Pump Plate
2	1	014-5920-00	Back Pump Cover
3	1	059-8000-00	Top Back Cover
4	1	059-8010-00	35 HP Hood
5	1	059-8020-00	28 HP Hood
6	1	059-8011-00	Back Cover For Hood
7	1	039-0070-00	Pump Cover Hinge
8	1	052-5020-00	Pump Cover Latch
9	9	018-5007-00	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

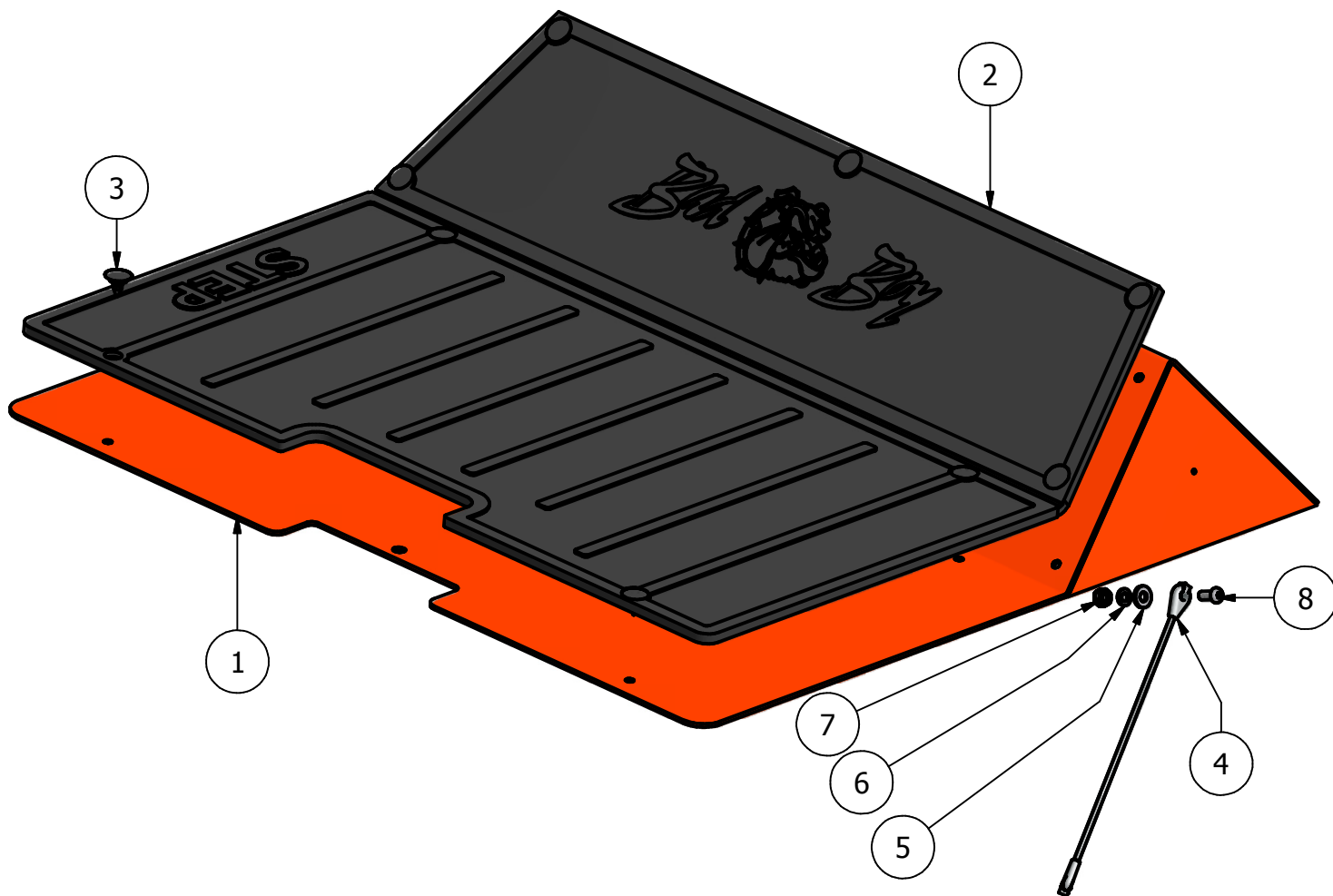


Diesel Clutch Assembly			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	026-8030-00	Diesel Pump Plate
2	2	050-5308-00/ 050-5407-00	Hydraulic Pump (16A) Left/ Right
3	1	017-3000-00	Stub Shaft
4	1	039-5944-00	Pump Idler Bracket
5	2	033-5011-00	5" Pump Pulley
6	1	070-5040-00	Diesel Clutch
7	1	057-5906-00	PTO Engager 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

Wheel Motor/Tire and Wheel Assembly (Diesel)

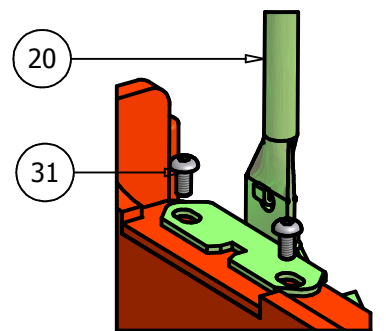
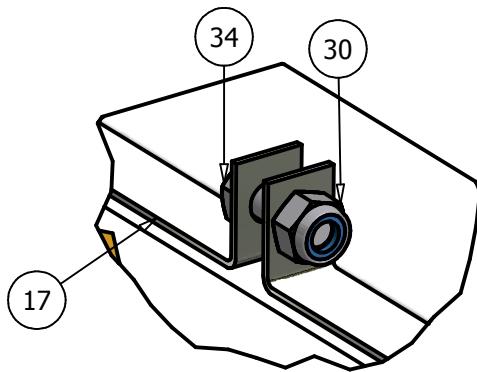
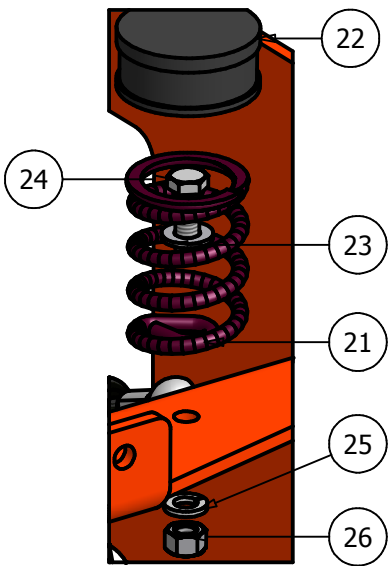
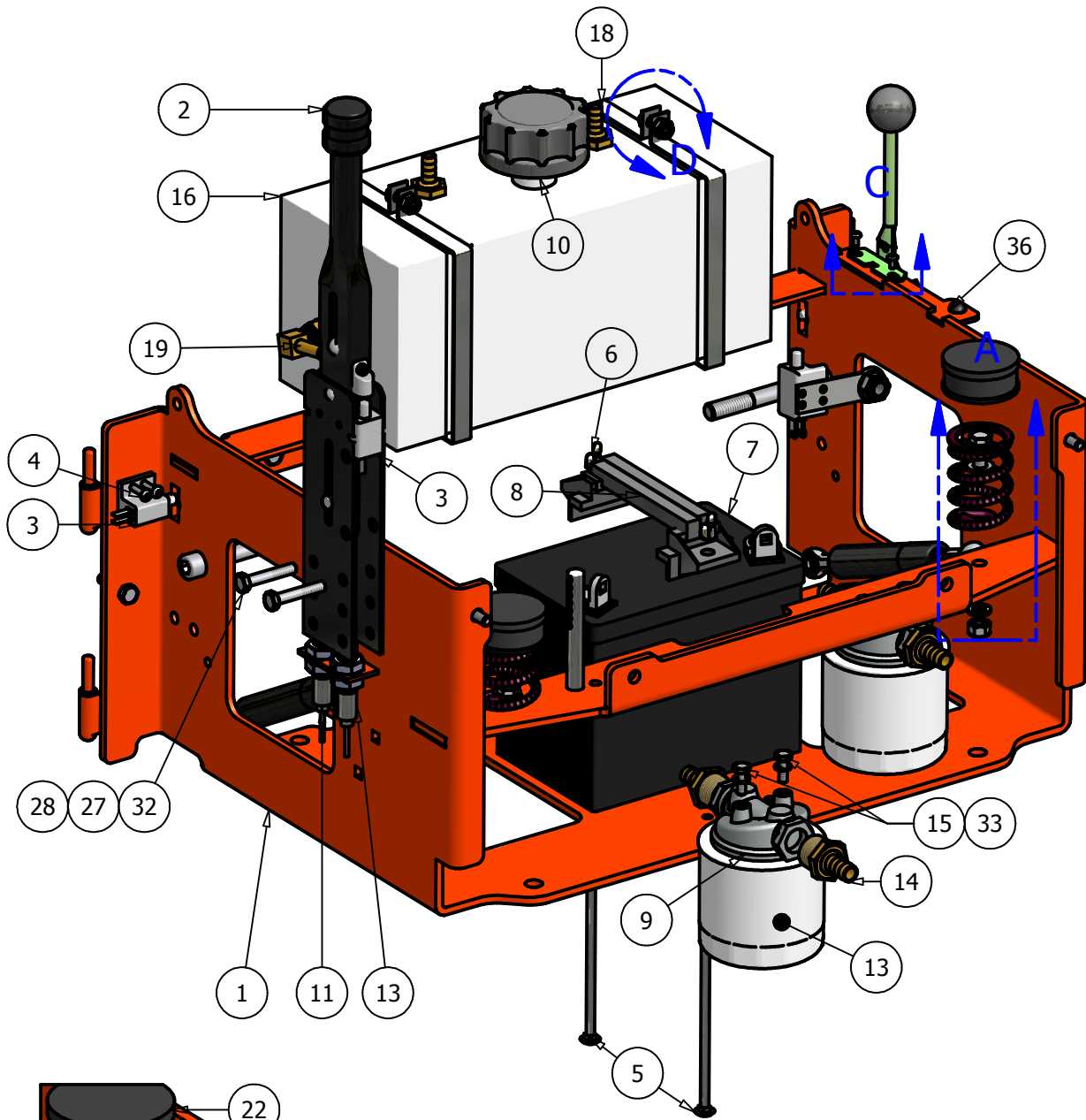


Wheel Motor/ Tire and Wheel Assmebly			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	092-5201-00	Brake Disc
2	1	016-1610-98/016-1609-98	Right Brake Assmebly/ Left
3	1	039-8936-00	Brake Casting
4	1	016-9998-00	Brake Pads
5	1	015-5302-00/ 015-5303-00	Right Wheel Motor/ Left
6	2	024-5204-00	3" Hydraulic Fitting
7	1	013-7050-00	Castle Nut
8	1	042-7041-00	Woodruff Key
9	1	020-7022-00	1/8" x 2 1/4" Cotter #8
10	4	018-7016-00	1/2" x 3" Hex Bolt
11	4	019-5007-00	1/2" Lock Washer
12	4	013-7018-00	1/2" Hex Nut
13	1	022-7033-00	12" Rim - AOS Models
14	1	022-7032-00	26x12-12 Tire - AOS Models
15	5	018-7033-00	1/2" x 1" Lug Bolt (Fine Thread)
16	1	022-7031-00	26 x 12-12 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

Diesel Seat Frame



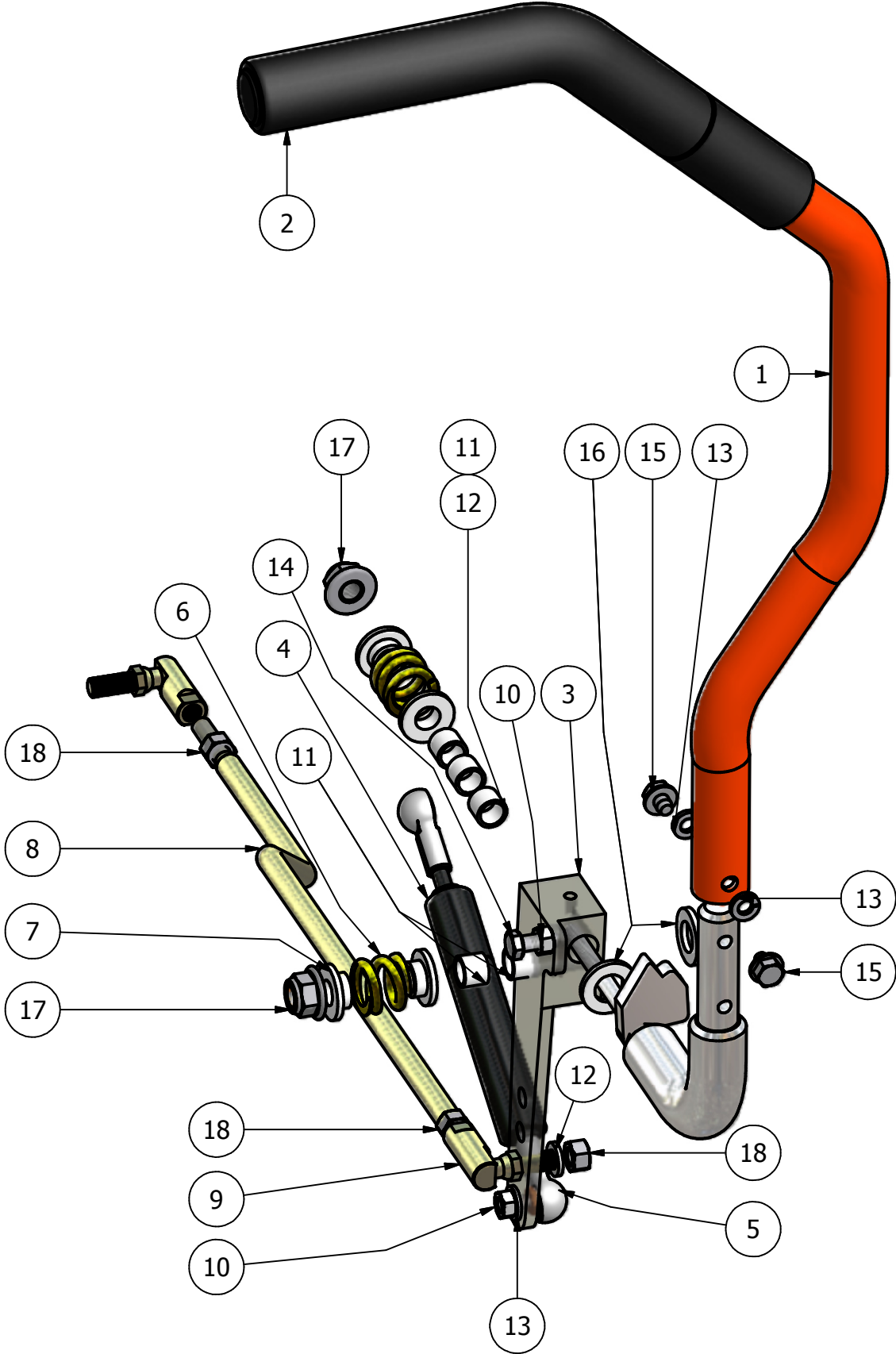
DETAIL A

DETAIL D

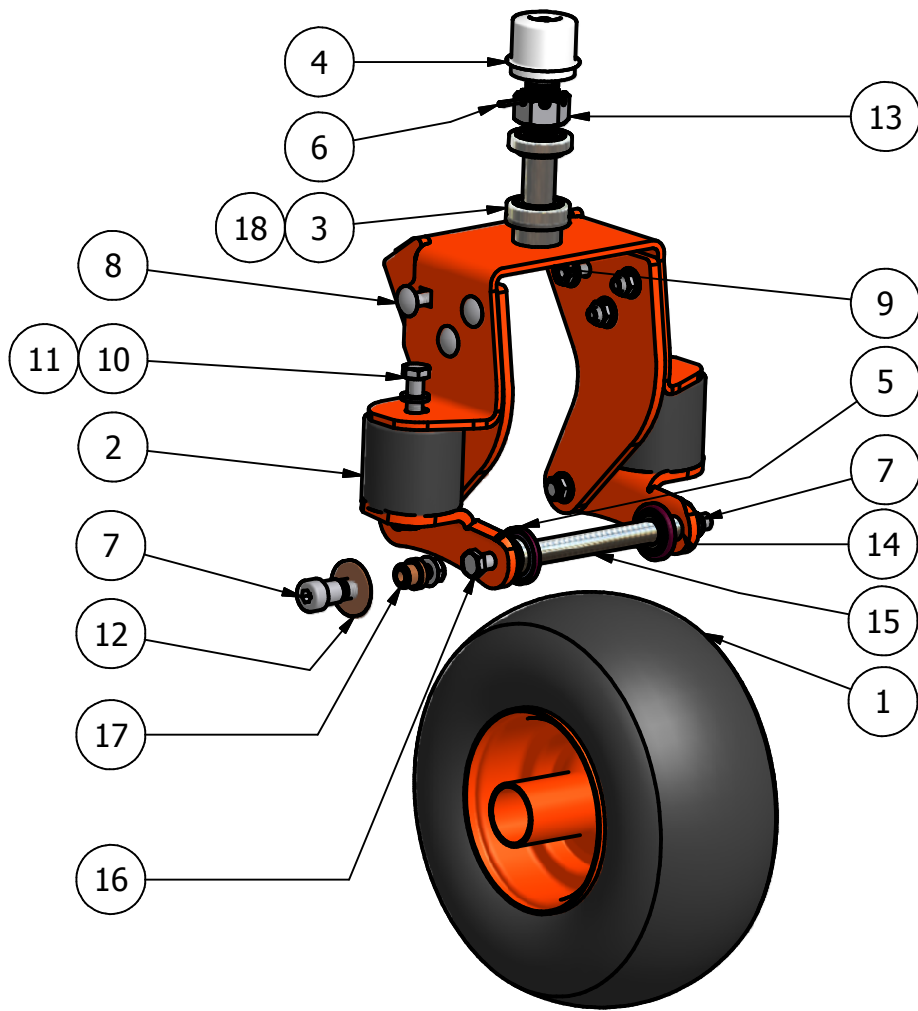
DETAIL C

Seat Frame			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	080-6010-00	Seat Frame
2	1	069-8054-00	Brake Lever
3	3	077-8073-00	Brake Handle Switch
4	4	018-8056-00	1024 x 1" Bolt
5	2	018-8051-00	9" Stove Bolt for Diesel (Aos gets 8")
6	2	013-8051-00	1/4" Wing Nut
7	1	068-8050-00	Diesel Battery
8	1	043-8929-00	Battery hold-down
9	2	062-8013-00	Filter Head
10	1	066-8048-00	Hydraulic Tank Cap
11	1	064-8055-00	Short Brake Cable
12	1	064-8056-00	Long Brake Cable
13	2	063-8014-00	Hydraulic Filter
14	4	024-5050-00	1/2" x 1/2" Filter Head Fitting
15	4	018-8052-00	1/4" x 3/4" Hex Bolt
16	1	067-9016-00	Hydraulic Tank
17	2	213-6001-00	Hydraulic Tank Strap
18	2	024-5205-00	3/8" X 3/8" Hose Barb
19	2	024-5203-00	1/2" x 1/2" Filter Head Fitting (90 Degree)
20	1	055-8018-00	Throttle
21	2	034-8045-00	Seat Spring
22	2	014-8047-00	1 1/2" Spring Cap Cover
23	2	019-5029-00	3/8" Flat Washer
24	2	018-6012-00	3/8" x 1 1/2" Hex Bolt
25	4	019-5037-00	3/8" Lock Washer
26	8	013-6014-00	3/8" Hex Nut
27	2	019-8051-00	5/16" Lock Washer
28	2	013-8043-00	5/16" Nut
29	1	054-8016-00	Choke
30	2	013-8047-00	5/16" Nylock Nut
31	2	018-5200-00	1024 X 5/8" Buttonhead Bolt
32	2	018-8059-00	5/16" x 1 3/4" Hex Bolt
33	4	019-4008-00	1/4" Lock Washer
34	2	018-8063-00	5/16" x 3/4" Hex Bolt
35	1	029-8059-00	Piezo Buzzer
36	1	077-6000-00	Momentary Start Switch- Diesel

Drive Arms

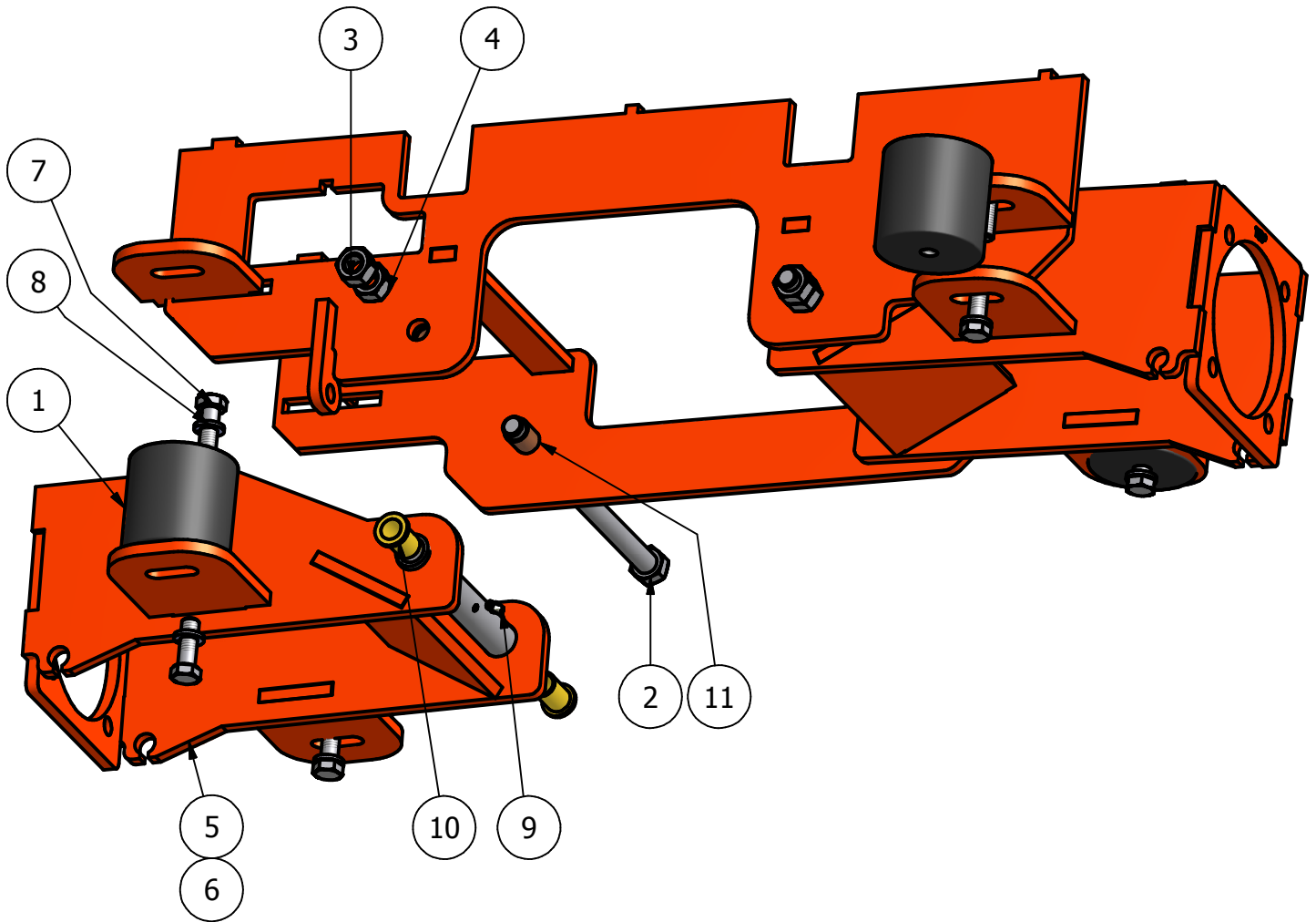


Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	031-8822-00/031-8821-00	Right Drive Arm/ Left
2	2	069-4010-00	Rubber Steering Handle
3	1	027-8819-00/027-8820-00	Left Drive Arm Lever Housing/Right
4	2	087-8080-00	Damper
5	2	018-2050-00	10MM Damper Ball Stud
6	4	034-8025-00	Drive Lever Spring
7	8	019-8027-00	.515 ID Nylon Shoulder Washer
8	2	035-5344-00	Push Rod
9	4	099-6046-00	3/8-24 Ball joint (female/male)
10	4	013-8043-00	5/16" Nut
11	10	032-8024-00	.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" x 3/4" Hex Bolt
15	4	018-2007-00	5/16" x 1/2" Flange Bolt
16	4	019-8054-00	.505 ID Plastic Washer
17	4	013-8050-00	1/2" Flange Lock Nut
18	8	013-6051-00	3/8" Fine Thread Nut



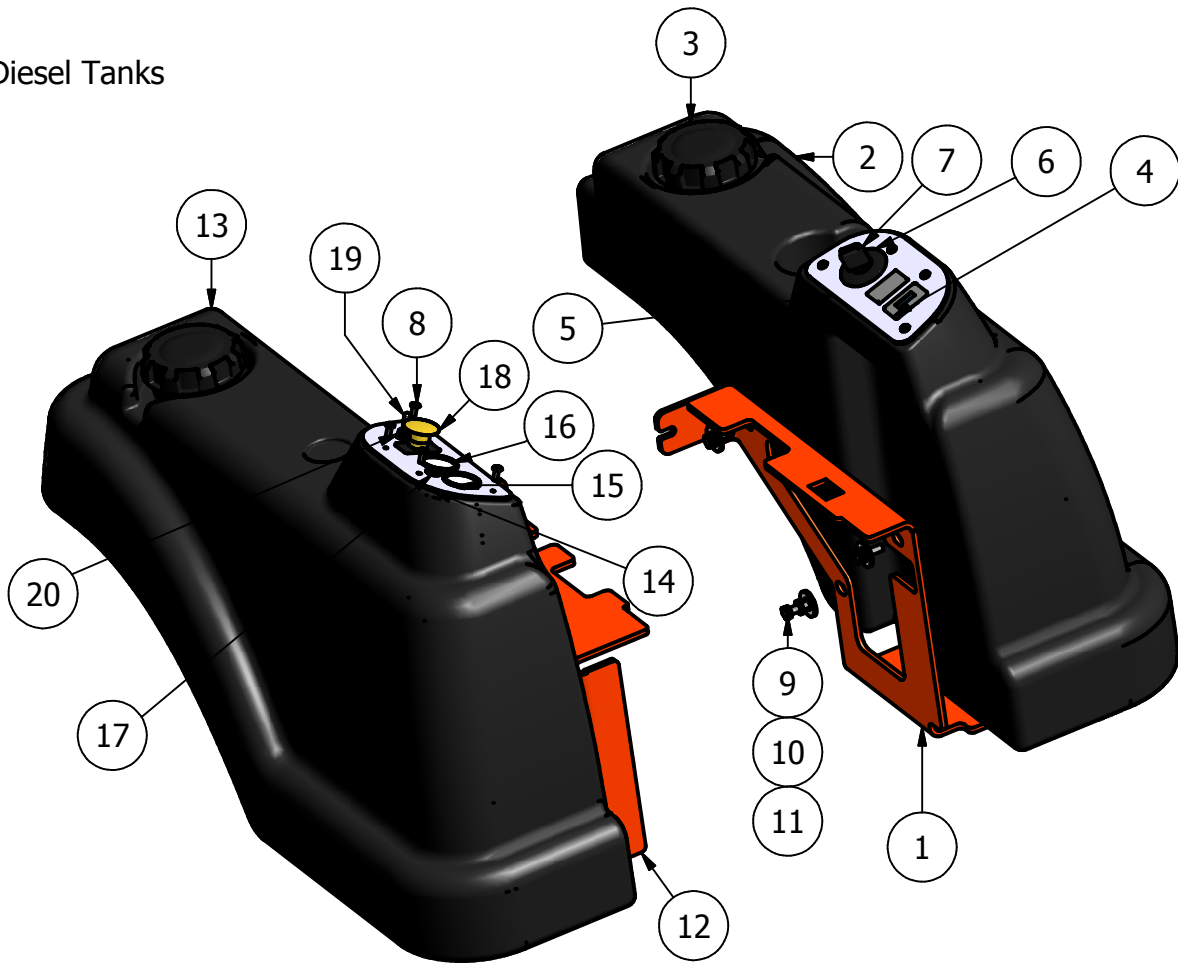
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	022-2006-00	13" x 6.50 - 6 Tire and Orange Wheel
2	2	032-9001-00	Rubber Isolator
3	2	010-7001-00	Bearing
4	1	014-7005-00	Dust Cover
5	2	022-7009-00	5/8" Bearing
6	1	020-7022-00	1/8" x 2 1/4" Cotter #8
7	2	018-3001-00	5/8" x 5/8" Shoulder Bolt
8	6	018-3003-00	1/2" x 1 1/4" Carriage Bolt
9	8	013-5300-00	1/2" Flange Nut
10	4	018-5006-00	1/2" x 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" x 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



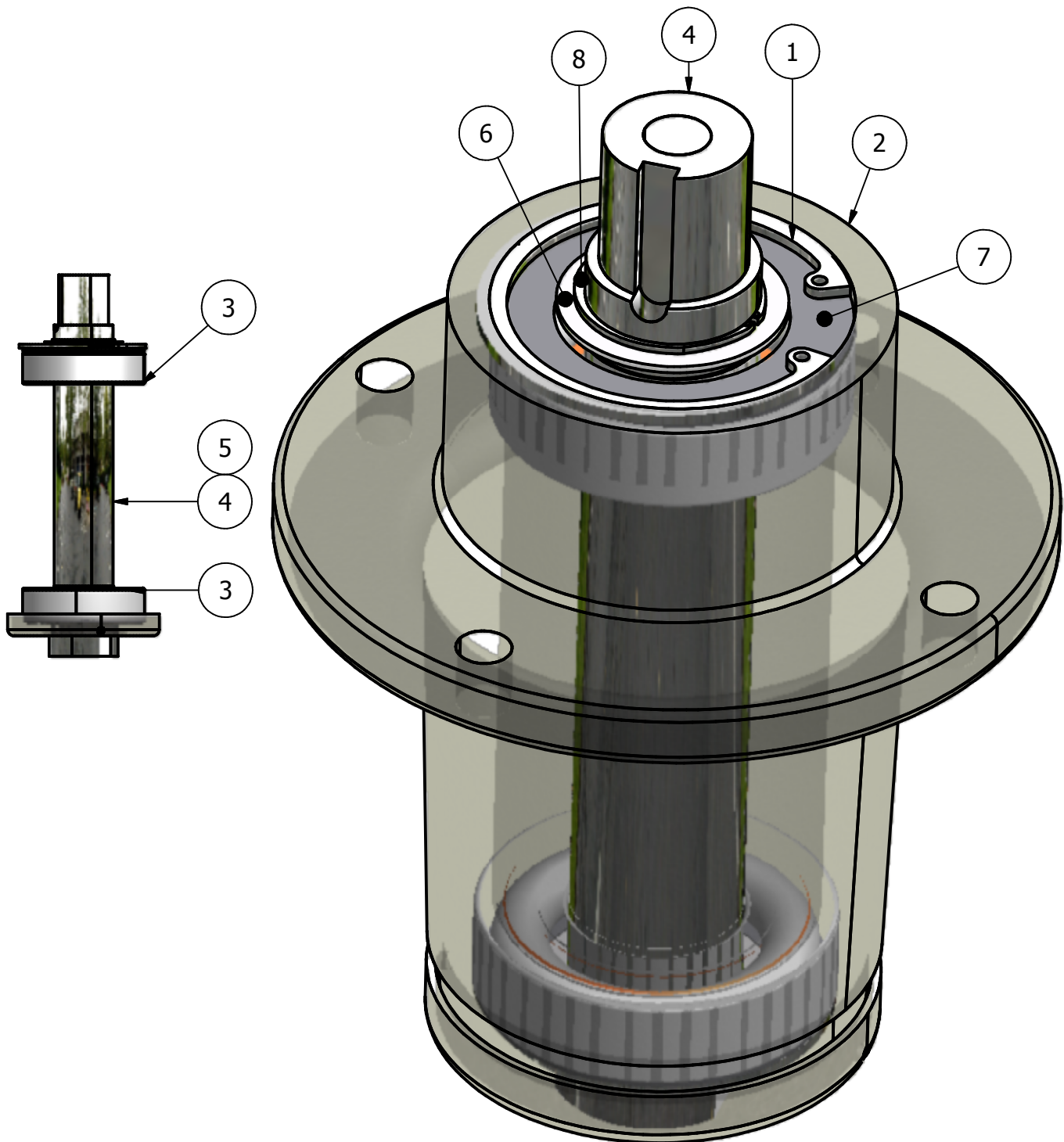
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	032-8999-00	Vibration Mount
2	2	018-2051-00	5/8" x 10" Hex Bolt (Grade 8)
3	2	013-5301-00	5/8" Nylock 1/2 Jam
4	2	013-5020-00	5/8" Nut
5	2	070-8000-00	60" Inner Suspension Cage
6	2	070-8001-00	72" Inner Suspension Cage
7	8	018-5006-00	1/2" x 1" Hex Bolt
8	8	019-5007-00	1/2" Lock Washer
9	2	024-6034-00	Grease Fitting (Drive-In)
10	4	032-5050-00	Shoulder Spacer
11	4	215-2000-00	3/4" Brass Bushing

Diesel Tanks

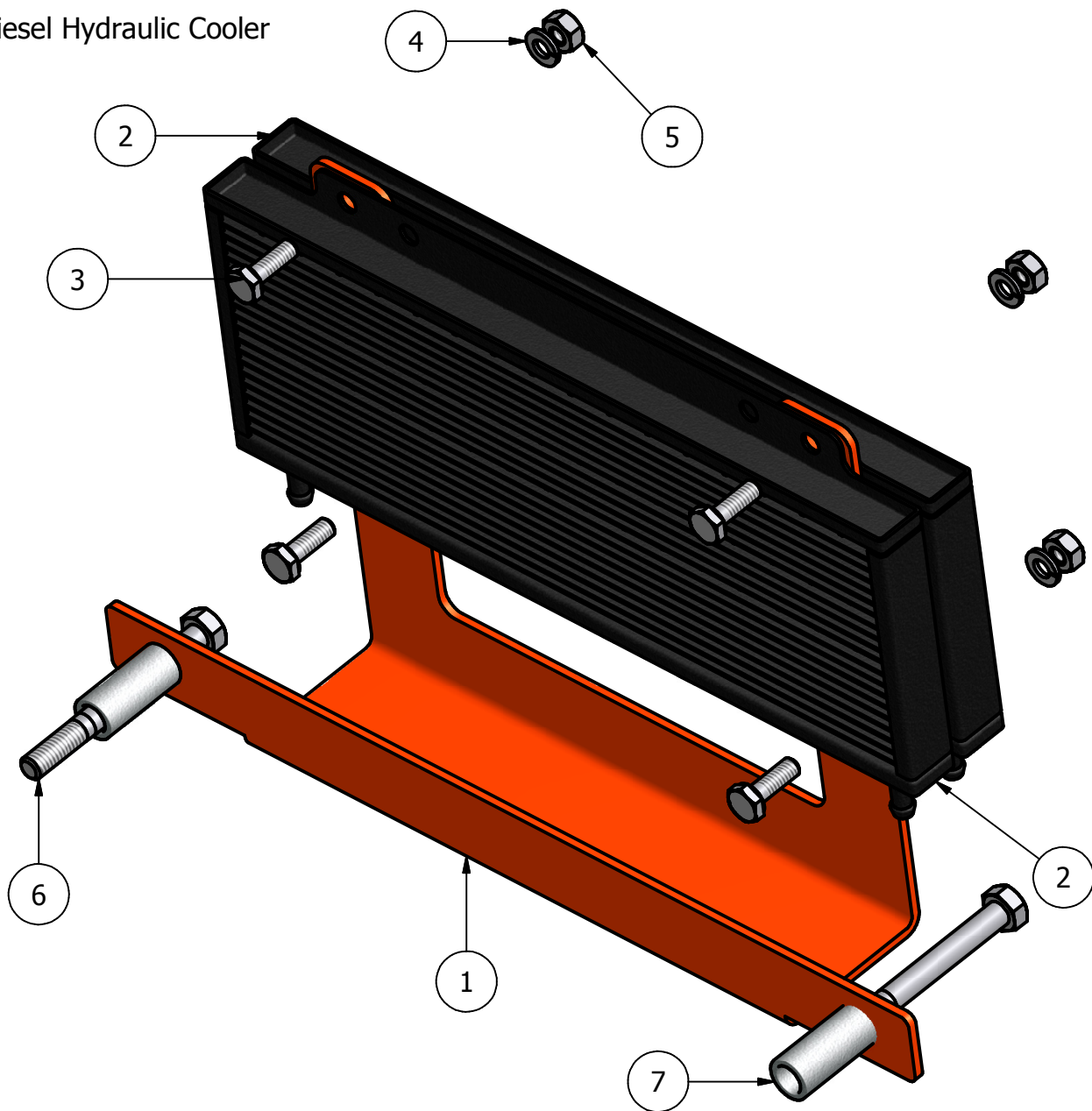


Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	031-2006-00	Left Fuel Tank Swing Support
2	1	067-3000-00	Left Fuel Tank with Fender
3	2	066-8076-00	Diesel Fuel Cap
4	1	083-4014-00	Hourmeter-Diesel
5	1	079-3402-00	Control Panel (Left)
6	1	077-8076-00	Ignition Switch
7	1	042-9000-00	Ignition Key
8	8	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 Gauge
16	1	086-5000-00	Temperature Gauge
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

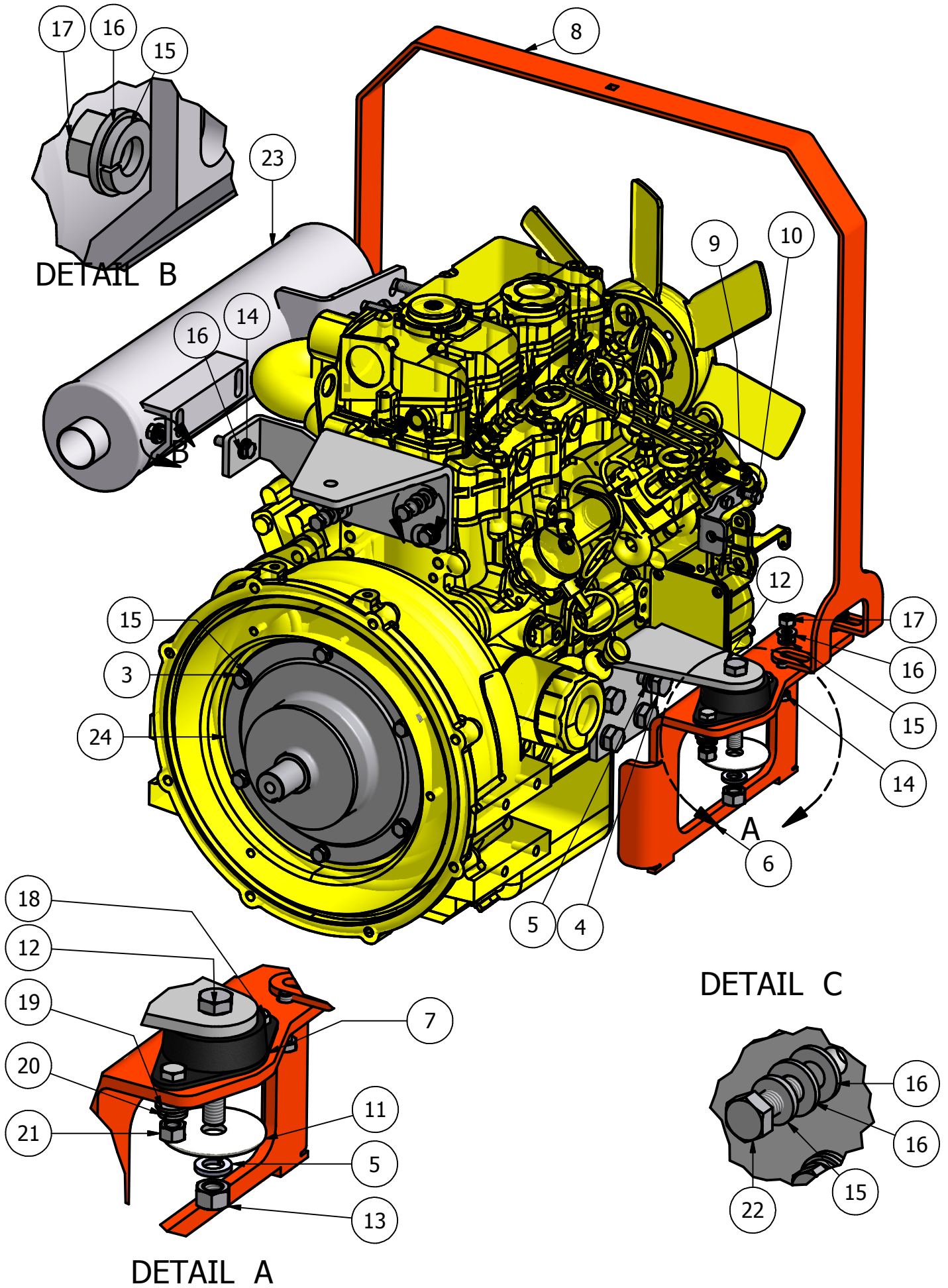
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	037-6009-00	Bearing Retainer Ring
2	1	037-6017-00	Spindle Housing
3	2	037-6023-00	Bearing
4	1	037-6019-00	Short Shaft
5	1	037-6018-00	Long Shaft
6	2	037-6021-00	Small Bearing Spacer
7	2	037-6020-00	Large Bearing Spacer
8	1	037-6022-00	Shaft Retainer Ring



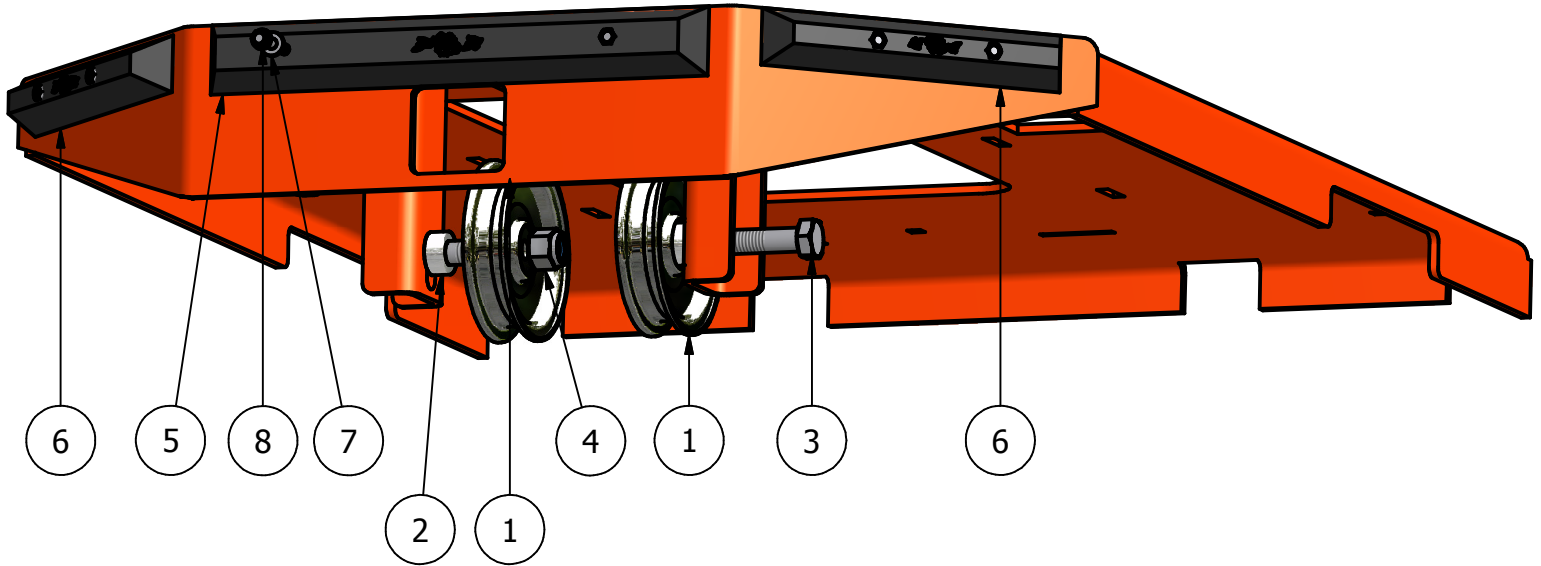
Diesel Hydraulic Cooler



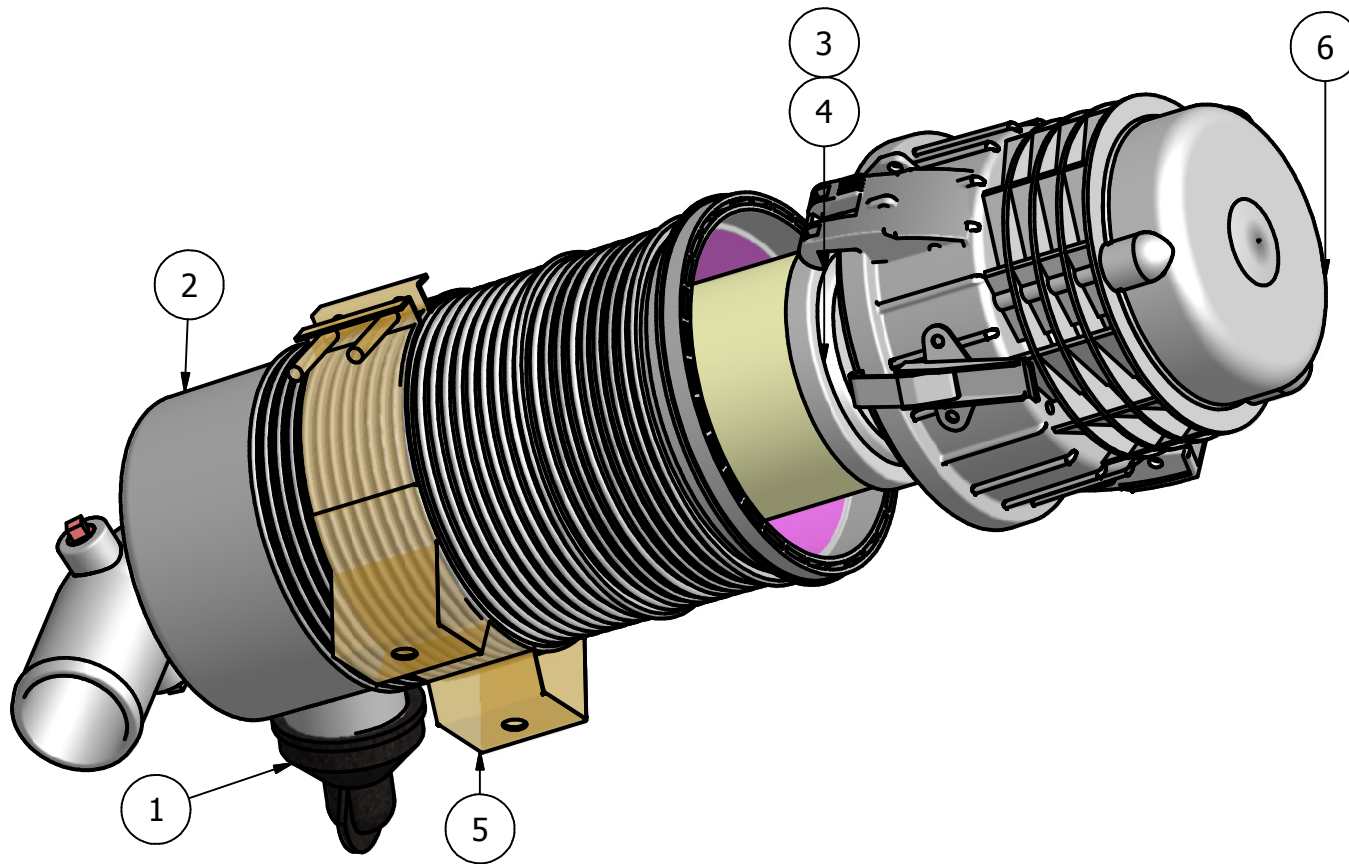
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	057-5950-00	Cooler Holder
2	2	061-8012-00	Hydraulic Cooler
3	4	018-8052-00	1/4" x 3/4" Hex Bolt
4	4	019-4008-00	1/4" Lock Washer
5	4	013-8039-00	1/4" Hex Nut
6	2	018-5355-00	5/16" x 6" Bolt (28hp)
6	2	018-4701-00	5/16" x 3" Bolt (35hp)
7	2	025-8000-00	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	28hp 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	12mm x 25mm 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	032-2000-00	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" x 3" 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" x 1" 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	8mm x 25 Bolt
23	1	015-0005-00	Diesel Muffler
24	1	017-3000-00	Stub Shaft

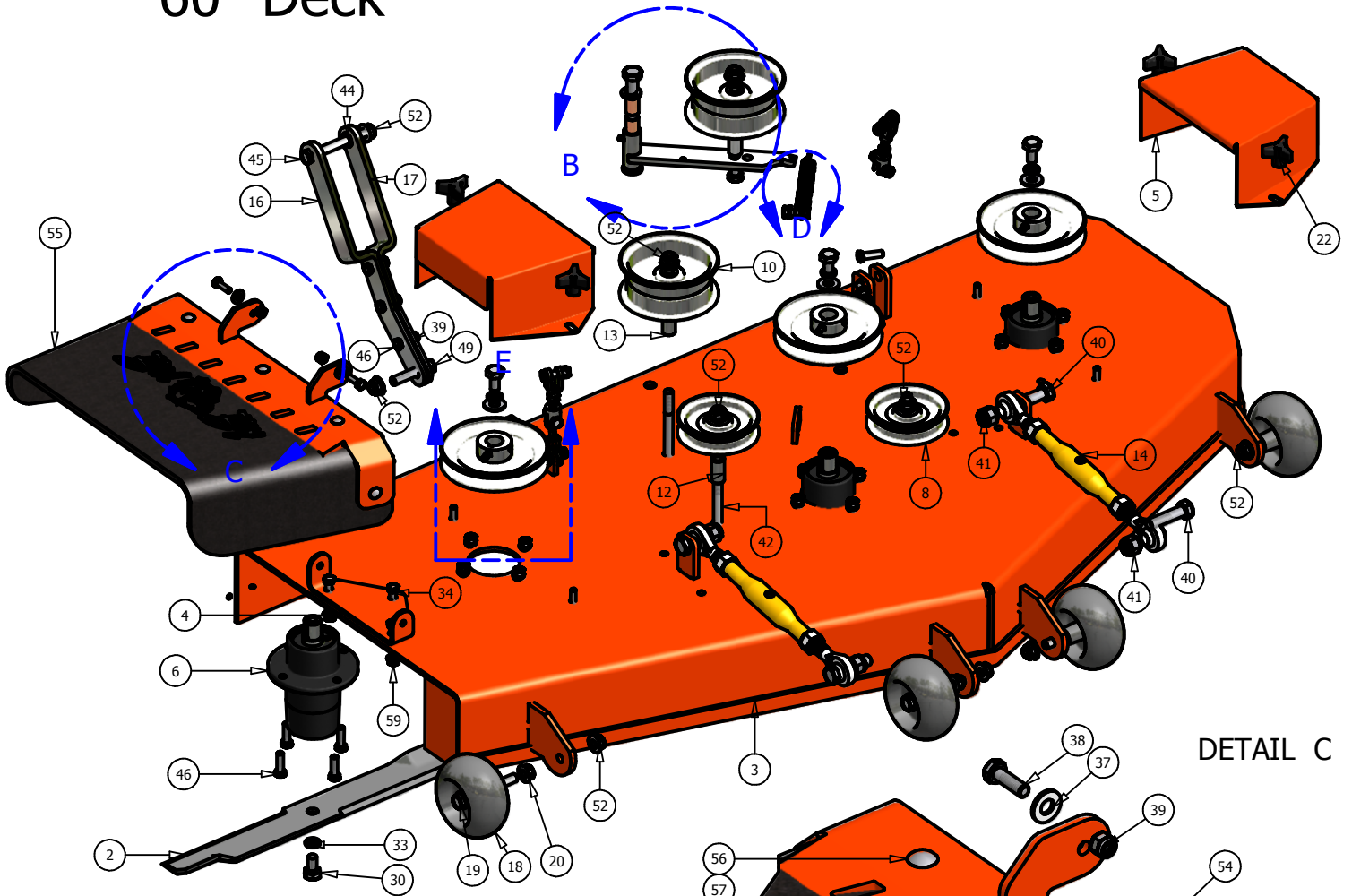


Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	033-7025-00	5" V Idler Pulley
2	2	025-7020-00	5/8" x 1/2" Collar Spacer
3	2	018-6059-00	5/8" x 2 1/2" Bolt
4	2	013-7021-00	5/8" Nylock Nut
5	1	029-7037-00	14" Bumper
6	2	029-7038-00	8" Bumper
7	6	019-7040-00	1/4" Flat Washer
8	6	030-7039-00	1/4" x 1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

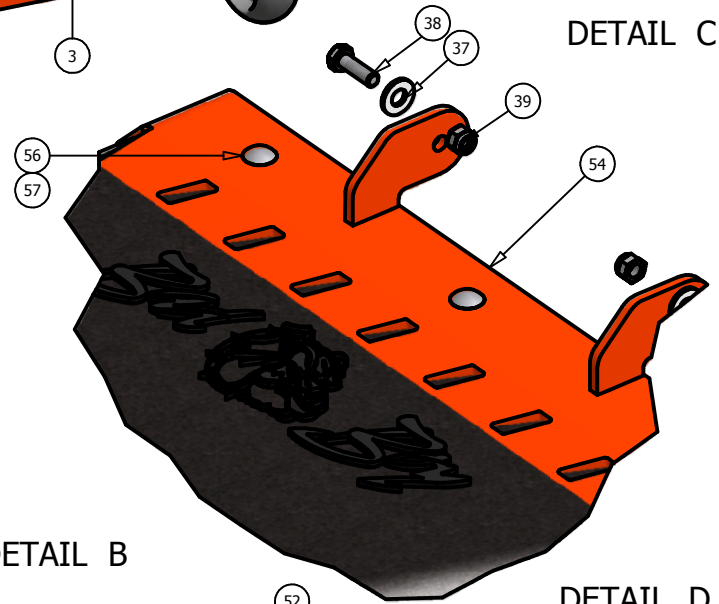


Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	088-1020-00	Debris Plug
2	1	088-1018-00	Canister Body
3	1	063-2060-00	Inner Filter
4	1	063-2050-00	Outer Filter
5	1	088-1019-00	Mounting Bracket
6	1	088-1017-00	Diesel Air Filter

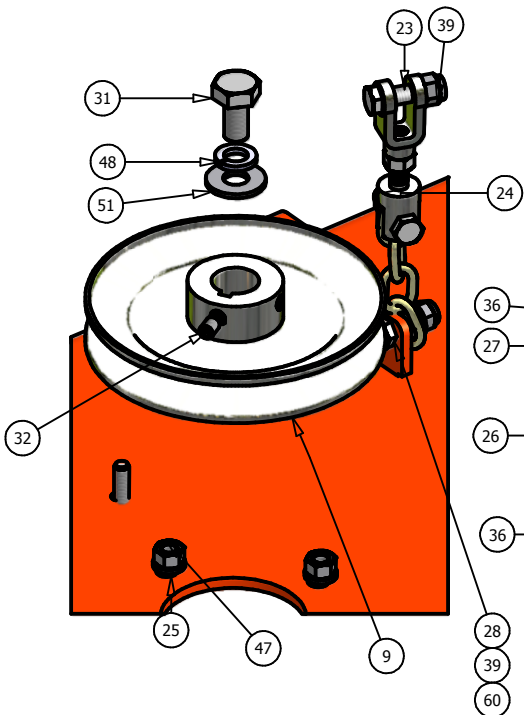
60" Deck



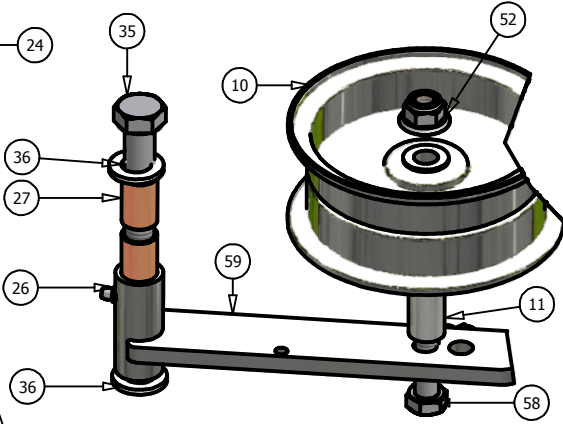
DETAIL C



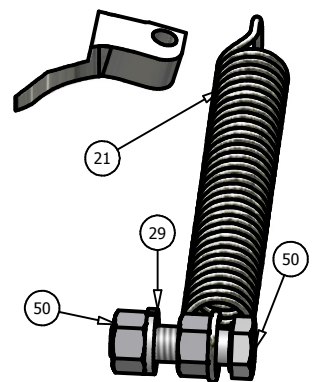
DETAIL E



DETAIL B

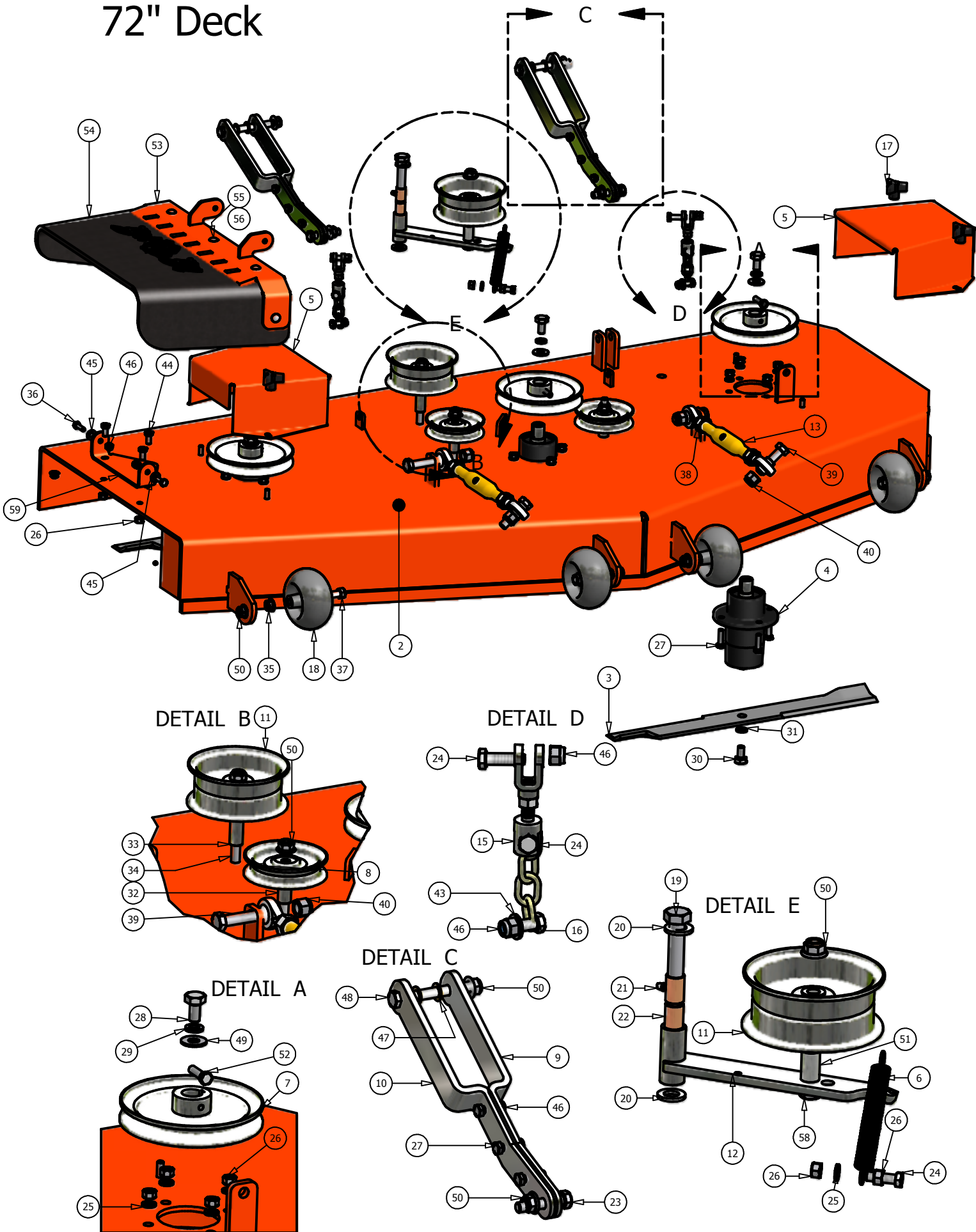


DETAIL D



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	Discharge Chute Hanger
5	2	014-6004-00	Pulley Guard
6	3	037-6015-00	Spindle
7	1	039-6936-00	Deck Idler Arm
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 Handed 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 Rollers
19	6	018-5019-00	1/2" x 4" Bolt (Grade 8)
20	6	013-5300-00	1/2" Flange Nut
21	1	034-9035-00	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 (Drive-In Type)
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
29	13	019-5037-00	3/8" Lock Washer
30	3	018-6021-00	5/8" x 1.5" Fine Threaded Bolt
31	3	018-5006-00	1/2" x 1 1/2" Bolt (Fine Threaded)
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" Hex Bolt
41	4	013-7021-00	5/8" Nylock Nut
42	3	018-6054-00	1/2" x 3 1/2" Bolt
44	4	019-5010-00	1/2" Brass Washer
45	2	018-7050-00	1/2" x 4 1/2" Bolt
46	18	018-5040-00	3/8" x 1 1/4" Hex Bolt
47	14	013-6014-00	3/8" Hex Nut
48	3	019-5007-00	1/2" Lock Washer
49	2	018-6036-00	1/2" x 2 1/2" Hex Bolt
50	5	018-6012-00	3/8" x 1 1/2" Hex Bolt
51	3	019-6020-00	1/2" Cupped Washer
52	13	013-8050-00	1/2" Flange Lock Nut
53	1	039-4863-00	2007 Lower Hanger Plate
54	1	039-4864-00	2007 Hanger Plate
55	1	210-6005-00	Rubber Side Discharge
56	5	018-5020-00	5/16" x 1 1/2" Carriage Bolt
57	5	013-8049-00	5/16" Nylock Flange Nut
58	1	018-7016-00	1/2" x 3" Bolt
59	3	013-5201-00	3/8" Flange Nut
60	1	019-5029-00	3/8" Flat Washer

72" Deck



72" Deck			
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" Fusion Blade
4	3	037-6015-00	Spindle
5	2	014-7204-00	Pulley Guard
6	1	034-9035-00	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 (Righth)
10	2	031-6027-00	Deck Support Arm (Left)
11	2	033-5001-01	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 Rollers
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 1.5" Fine Threaded 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 (Grade 8)
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
43	2	019-5029-00	3/8" Flat Washer
44	3	018-5250-00	3/8" x 3/4" Hex Bolt
45	2	019-6042-00	.360 ID Plastic Washer
46	14	013-8047-00	5/16" Nylock Nut
47	4	019-5010-00	1/2" Brass Washer
48	2	018-7050-00	1/2" x 4 1/2" Bolt
49	3	019-6020-00	1/2" Cupped Washer
50	14	013-8050-00	1/2" Flange Lock Nut
51	1	025-5337-00	1 1/4" Pulley Spacer
52	3	030-6029-00	3/8" Hex Bolt
53	1	039-4880-00	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	039-4881-00	2007 Lower Hanger Plate
58	1	018-7016-00	1/2" x 3" Bolt
59	1	206-6017-00	2007 Lower Hanger Plate

Bad Boy, Inc.
102 Industrial Drive
Batesville, AR 72501
1.866.622.3269
www.badboymowers.com

Technical Support:

James Russell
Extension 6638
Bill Hurst (bill@badboymowers.com)
Extension 6617
Brad Covington
Extension 6648

Warranty:

Dustin Tissiere (dustin@badboymowers.com)
Extension 6613
Bill Hurst (bill@badboymowers.com)
Extension 6617

Parts:

Brad Foree (brad@badboymowers.com)
Extension 6637
Robert Patterson (robert.patterson@badboymowers.com)
Extension 6649