

23



**BAD BOY**  
MOWERS

# PARTS MANUAL



## ZT AVENGER MODELS

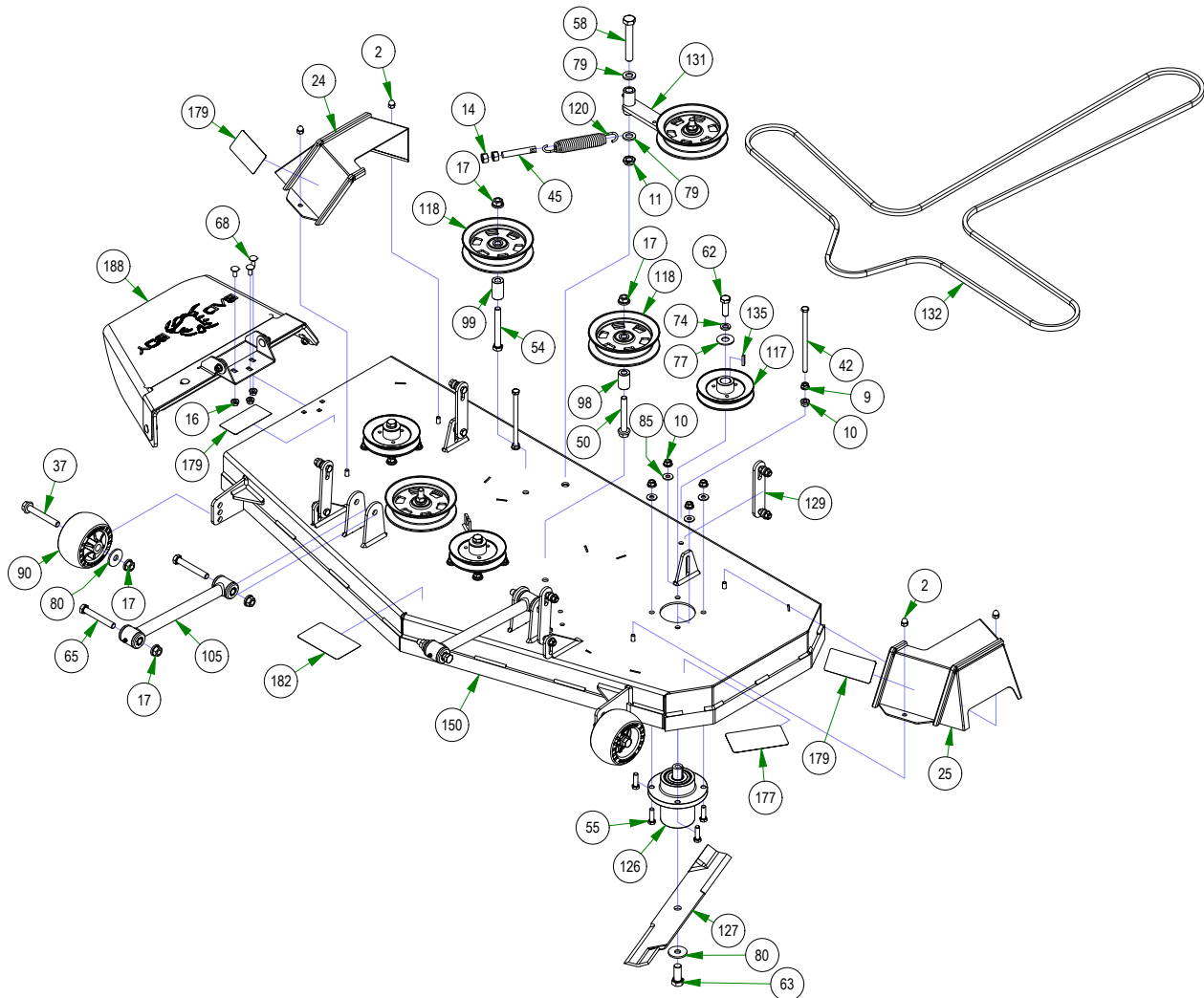
### ZERO-TURN MOWER OWNER'S PARTS MANUAL

For additional information, please see us at  
[www.badboymowers.com](http://www.badboymowers.com)



# PARTS SECTION: 54" DECK

Parts List				Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION	ITEM	QTY	PART NUMBER	DESCRIPTION
2	4	013-0004-00	5/16-18 ACORN NUT HIGH-CROWN ZC	79	2	019-6017-00	.635 ID X 1.120 OD X .140 THICK FLAT WASHER NYLON
9	2	013-5201-00	3/8-16 HEX SERRATED FLANGE NUT HARD/ZINC	80	5	019-6020-00	1/2 BELLEVILLE WASHER (1-5/8 OD X .140 THK) ZINC
10	14	013-5202-00	3/8-16 NYLON INSERT FLANGE LOCKNUT (GR.F) ZINC	85	12	019-8044-00	5/16 USS FLAT WASHER (7/8 OD) ZINC
11	1	013-5301-00	5/8-11 NYLON INSERT JAM LOCKNUT ZINC	90	2	022-1000-00	Deck Wheel
14	2	013-7018-00	1/2-13 HEX NUT ZINC	98	2	025-5338-00	.502 ID X .750 OD X 1.500 Long Spacer
16	3	013-8049-00	5/16-18 NYLON INSERT FLANGE LOCKNUT ZINC	99	1	025-5339-00	1 3/4" Pulley Spacer
17	9	013-8050-00	1/2-13 NYLON INSERT FLANGE LOCKNUT ZINC	105	2	028-0004-22	Hybrid Turnbuckle/Deck Locator
24	1	014-5020-00	2021 Maverick 54"/60" RH Pulley Cover	117	3	033-4890-00	54 MZ Spindle Pulley
25	1	014-5021-00	2021 Maverick 54"/60" LH Pulley Cover	118	3	033-7201-25	5-3/4 Idler Pulley
37	2	018-0010-00	1/2-13 X 90MM HEX FLANGE BOLT W/SHOULDER (GR.8) ZINC	120	1	034-2020-00	Deck Idler Spring
42	2	018-0073-00	3/8-16 X 6.5 HEX CAP SCREW (GR.5) ZINC	126	3	037-2000-00	Spindle Assembly-MZ
45	1	018-2004-50	All Thread	127	3	038-0001-00	54" Fusion Blade for ZT/Mav/Outlaw/Revolt
50	2	018-2018-00	1/2-13 X 3-1/2 HEX FLANGE BOLT (GR.8) ZINC	129	4	039-2127-17	Deck Hanger Assembly
54	1	018-5019-00	1/2-13 X 4 HEX CAP SCREW (GR.8) ZINC YELLOW	131	1	039-6945-17	2017 MZ/ZT Deck Idler Assembly
55	12	018-5040-00	3/8-16 X 1-1/4 HEX CAP SCREW (GR.5) ZINC	132	1	041-1560-00	B155.75 Deck Belt
58	1	018-5311-00	5/8-11 X 4 HEX CAP SCREW (GR.8) ZINC YELLOW	135	3	042-0010-00	3/16 X 1 SQ MACHINERY KEY 1018 STL ZINC
62	3	018-6019-00	1/2-20 X 1-1/2 HEX CAP SCREW (GR.5) ZINC	150	1	060-2313-00	2023 54" x 4" Deck
63	3	018-6020-00	5/8-18 X 1-1/2 HEX CAP SCREW (GR.8) ZINC YELLOW	177	1	091-0904-18	2018 54" Deck Decal
65	4	018-6054-00	1/2-13 X 3-1/2 HEX CAP SCREW (GR.5) ZINC	179	3	091-3012-00	Danger Decal-Spindle/Discharge
68	3	018-8062-00	5/16-18 x 3/4 Carriage Bolt	182	1	091-3309-00	Deck Belt Route Decal
74	3	019-5007-00	1/2 SPLIT LOCKWASHER (GR.8) ZINC/YELLOW	188	1	210-6015-98	MZ Discharge Chute Assembly
77	3	019-5038-00	5/8 USS FLAT WASHER (1-3/4" OD) GR.8 ZINC YELLOW				

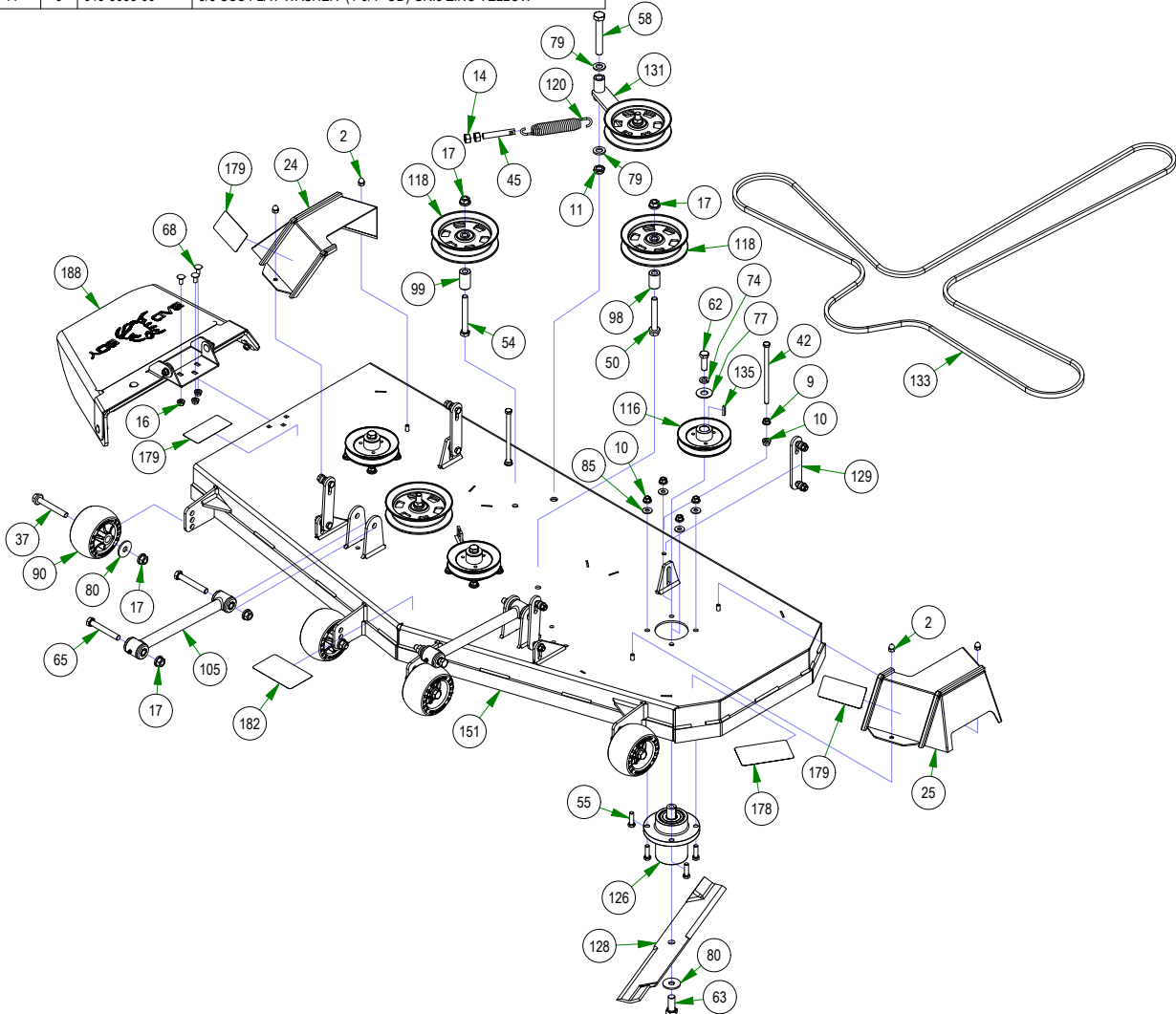




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# PARTS SECTION: 60" DECK

Parts List				Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION	ITEM	QTY	PART NUMBER	DESCRIPTION
2	4	013-0004-00	5/16-18 ACORN NUT HIGH-CROWN ZC	79	2	019-6017-00	.635 ID X 1.120 OD X .140 THICK FLAT WASHER NYLON
9	2	013-5201-00	3/8-16 HEX SERRATED FLANGE NUT HARD/ZINC	80	7	019-6020-00	1/2 BELLEVILLE WASHER (1-5/8 OD X .140 THK) ZINC
10	14	013-5202-00	3/8-16 NYLON INSERT FLANGE LOCKNUT (GR.F) ZINC	85	12	019-8044-00	5/16 USS FLAT WASHER (7/8 OD) ZINC
11	1	013-5301-00	5/8-11 NYLON INSERT JAM LOCKNUT ZINC	90	4	022-1000-00	Deck Wheel
14	2	013-7018-00	1/2-13 HEX NUT ZINC	98	2	025-5338-00	.502 ID X .750 OD X 1.500 Long Spacer
16	3	013-8049-00	5/16-18 NYLON INSERT FLANGE LOCKNUT ZINC	99	1	025-5339-00	1 3/4" Pulley Spacer
17	11	013-8050-00	1/2-13 NYLON INSERT FLANGE LOCKNUT ZINC	105	2	028-0004-22	Hybrid Turnbuckle/Deck Locator
24	1	014-5020-00	2021 Maverick 54"/60" RH Pulley Cover	116	3	033-4301-00	60" MZ Deck Pulley (Representation Only)
25	1	014-5021-00	2021 Maverick 54"/60" LH Pulley Cover	118	3	033-7201-25	5-3/4 Idler Pulley
37	4	018-0010-00	1/2-13 X 90MM HEX FLANGE BOLT W/SHOULDER (GR.8) ZINC	120	1	034-2020-00	Deck Idler Spring
42	2	018-0073-00	3/8-16 X 6.5 HEX CAP SCREW (GR.5) ZINC	126	3	037-2000-00	Spindle Assembly-MZ
45	1	018-2004-50	All Thread	128	3	038-6060-00	60" High Lift Fusion Blade
50	2	018-2018-00	1/2-13 X 3-1/2 HEX FLANGE BOLT (GR.8) ZINC	129	4	039-2127-17	Deck Hanger Assembly
54	1	018-5019-00	1/2-13 X 4 HEX CAP SCREW (GR.8) ZINC YELLOW	131	1	039-6945-17	2017 MZ/ZT Deck Idler Assembly
55	12	018-5040-00	3/8-16 X 1-1/4 HEX CAP SCREW (GR.5) ZINC	133	1	041-1650-00	B165 Belt
58	1	018-5311-00	5/8-11 X 4 HEX CAP SCREW (GR.8) ZINC YELLOW	135	3	042-0010-00	3/16 X 1 SQ MACHINERY KEY 1018 STL ZINC
62	3	018-6019-00	1/2-20 X 1-1/2 HEX CAP SCREW (GR.5) ZINC	151	1	060-2315-00	2023 60" x 4" Deck
63	3	018-6020-00	5/8-18 X 1-1/2 HEX CAP SCREW (GR.8) ZINC YELLOW	178	1	091-0905-18	2018 60" Deck Decal
65	4	018-6054-00	1/2-13 X 3-1/2 HEX CAP SCREW (GR.5) ZINC	179	3	091-3012-00	Danger Decal-Spindle/Discharge
68	3	018-8062-00	5/16-18 x 3/4 Carriage Bolt	182	1	091-3309-00	Deck Belt Route Decal
74	3	019-5007-00	1/2 SPLIT LOCKWASHER (GR.8) ZINC/YELLOW	188	1	210-6015-98	MZ Discharge Chute Assembly
77	3	019-5038-00	5/8 USS FLAT WASHER (1-3/4" OD) GR.8 ZINC YELLOW				

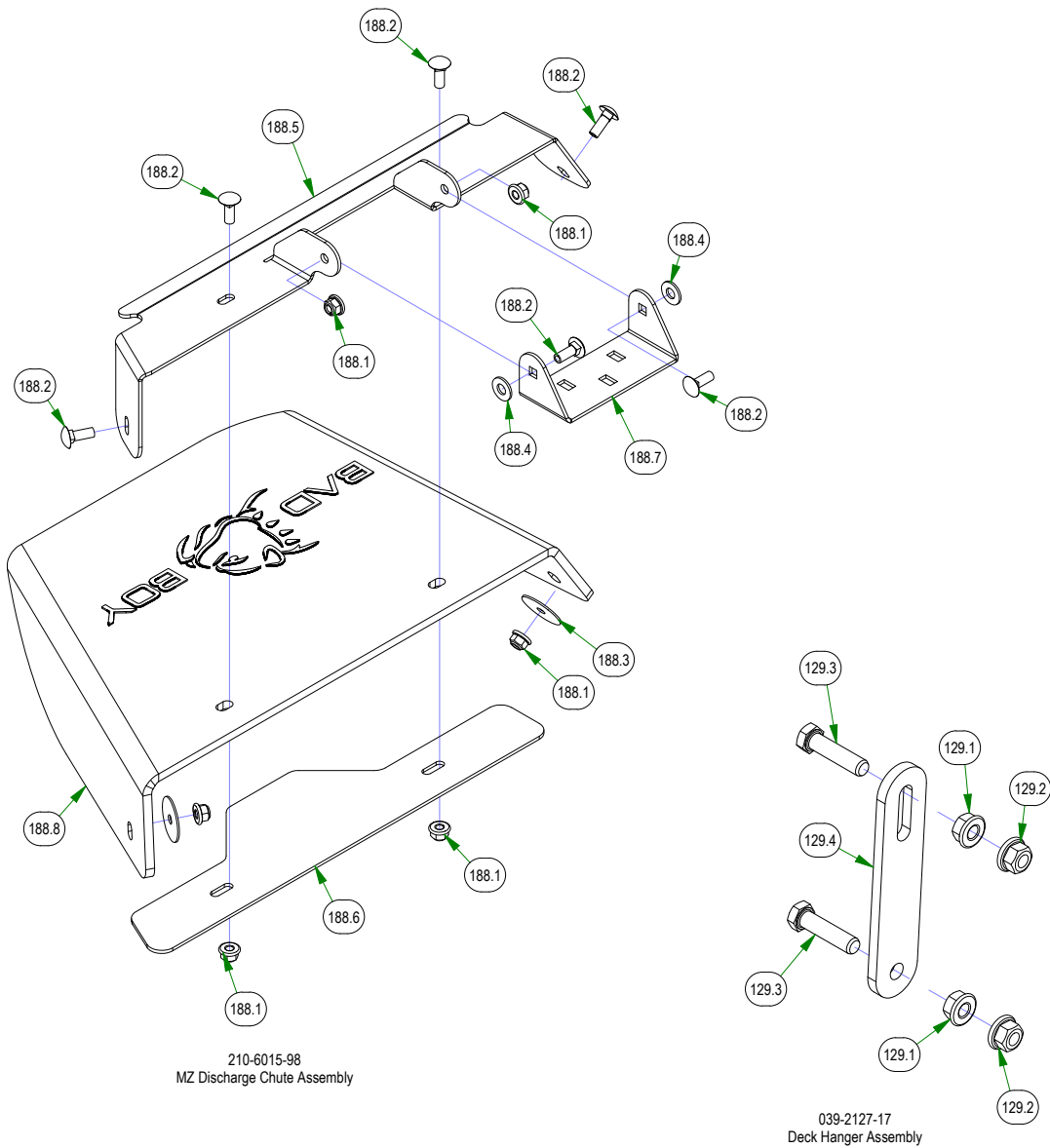




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# PARTS SECTION: TRANSAXLE SUB ASSEMBLIES

Parts List				Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION	ITEM	QTY	PART NUMBER	DESCRIPTION
129	4	039-2127-17	Deck Hanger Assembly	188.2	6	018-8066-00	5/16" x 7/8" Carriage Bolt
129.1	2	013-5201-00	3/8-16 HEX SERRATED FLANGE NUT HARD/ZINC	188.3	2	019-0002-00	5/16 Fender Washer
129.2	2	013-5202-00	3/8-16 NYLON INSERT FLANGE LOCKNUT (GR.F) ZINC	188.4	2	019-6042-00	.360 ID Plastic Washer
129.3	2	018-6012-00	3/8-16 X 1-1/2 HEX CAP SCREW (GR.5) ZINC	188.5	1	039-4891-00	Discharge Chute Bracket 48 MZ (Upper)
129.4	1	039-2127-00	2017 MZ/ZT Deck Hanger	188.6	1	039-4892-00	2017 MZ Discharge Chute Bracket-Lower
188	1	210-6015-98	MZ Discharge Chute Assembly	188.7	1	206-6020-00	Chute Hanger 48 MZ
188.1	6	013-8049-00	5/16" Nylon Flange Nut	188.8	1	210-6014-00	Rubber Discharge Chute MZ (Component)

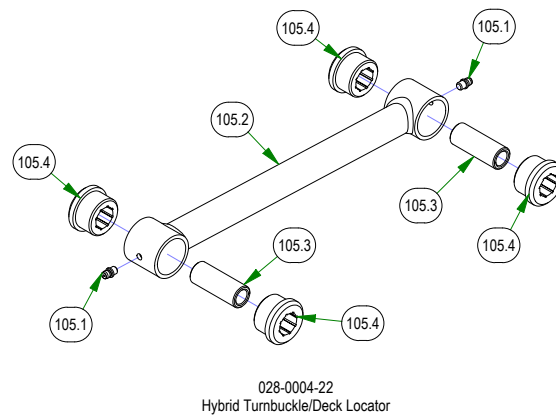
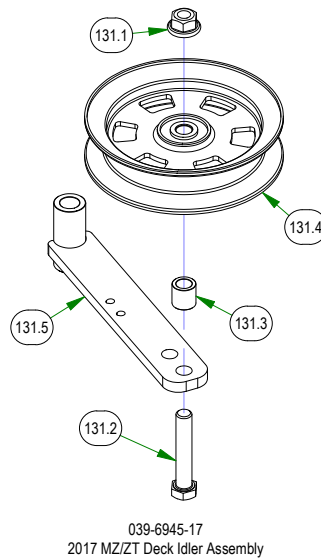
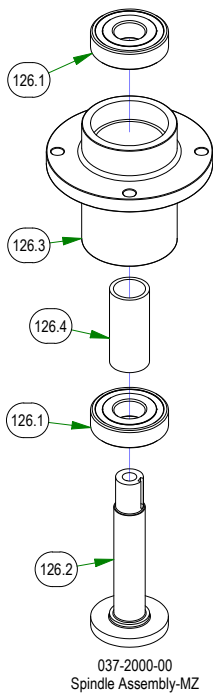




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# PARTS SECTION: DECK SUB ASSEMBLIES

Parts List				Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION	ITEM	QTY	PART NUMBER	DESCRIPTION
105	2	028-0004-22	Hybrid Turnbuckle/Deck Locator	126.3	1	037-6027-00	Spindle Housing
105.1	2	024-0001-00	1/4-28 Grease Fitting	126.4	1	037-6028-00	Spindle Spacer-Component
105.2	1	028-0004-03	2022 Isolator Turnbuckle Body	131	2	039-6945-17	2017 MZ/ZT Deck Idler Assembly
105.3	2	048-6004-00	2018 Maverick Bushing Sleeve	131.1	1	013-8050-00	1/2-13 NYLON INSERT FLANGE LOCKNUT ZINC
105.4	4	048-6005-00	2018 Maverick Bushing	131.2	1	018-6036-00	1/2-13 X 2-3/4 HEX CAP SCREW (GR.5) ZINC
126	3	037-2000-00	Spindle Assembly-MZ	131.3	1	025-5203-00	Spacer 3/4 OD x 1/2 ID x 3/4 Length
126.1	2	037-6024-00	Spindle Bearing	131.4	1	033-8050-00	5" Idler Pulley
126.2	1	037-6025-00	Spindle Shaft	131.5	1	039-6945-00	Deck Idler

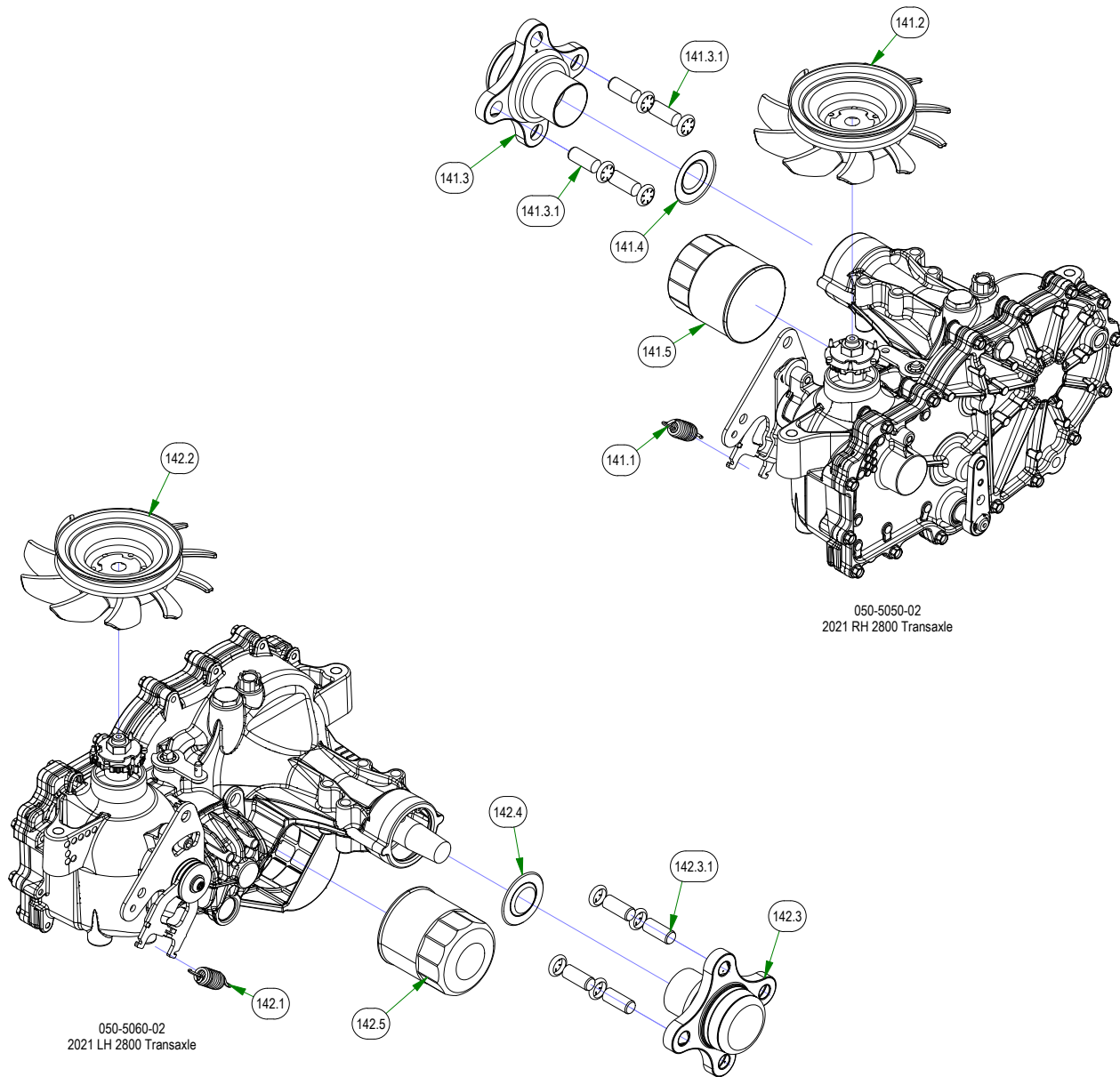




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# PARTS SECTION: DECK SUB ASSEMBLIES

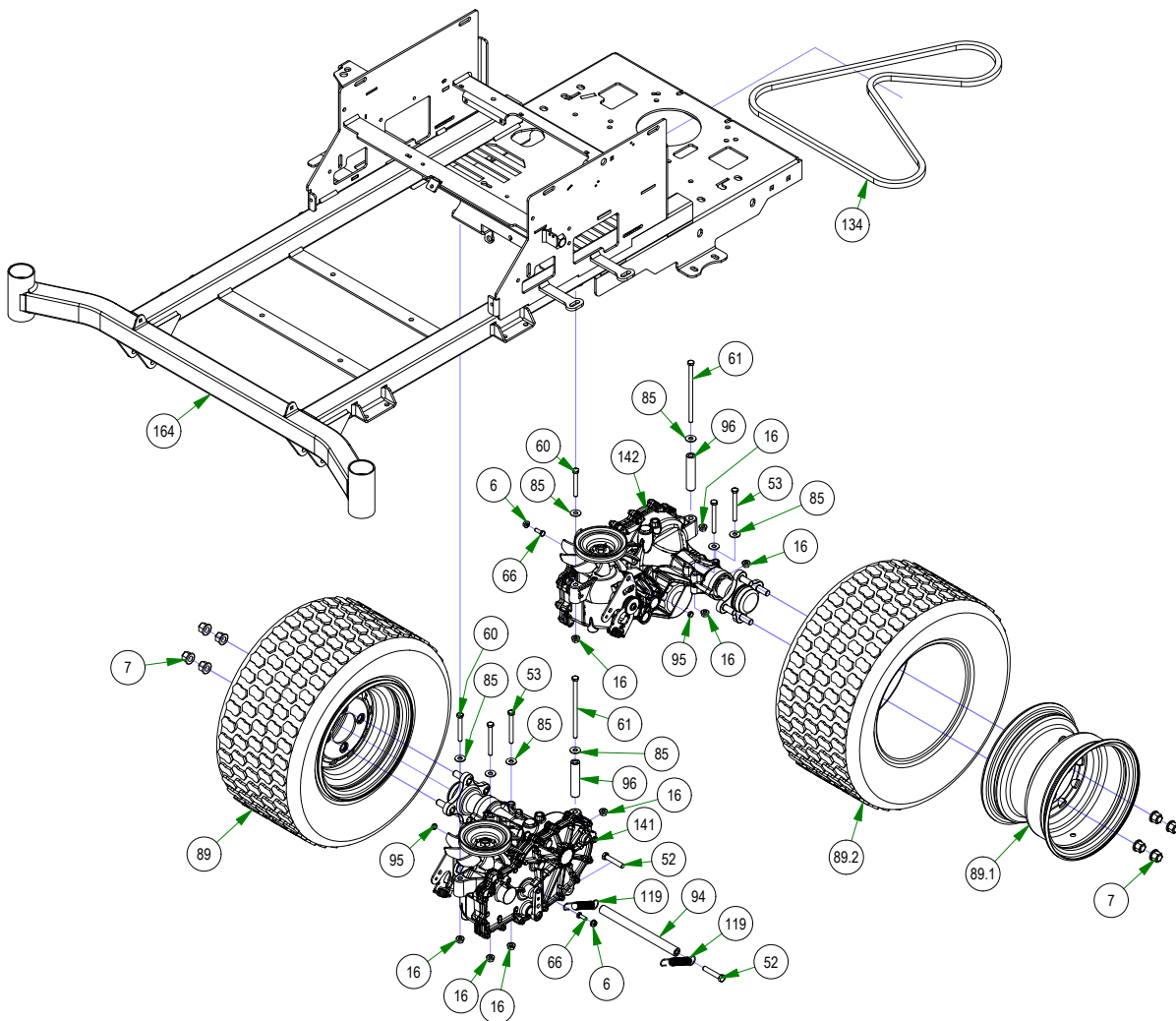
Parts List				Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION	ITEM	QTY	PART NUMBER	DESCRIPTION
141	1	050-5050-02	2021 RH 2800 Transaxle	142	1	050-5060-02	2021 LH 2800 Transaxle
141.1	1	034-9080-00	Gold Transaxle Spring	142.1	1	034-9080-00	Gold Transaxle Spring
141.2	1	050-2070-00	2021 ZT/Maverick Transaxle Fan/Pulley Kit	142.2	1	050-2070-00	2021 ZT/Maverick Transaxle Fan/Pulley Kit
141.3	1	050-2076-00	ZT Transaxle Wheel Hub	142.3	1	050-2076-00	ZT Transaxle Wheel Hub
141.3.1	4	050-2012-00	Transaxle Wheel Studs/ Drum Brake Studs	142.3.1	4	050-2012-00	Transaxle Wheel Studs/ Drum Brake Studs
141.4	1	050-8010-00	2021 ZT/Maverick Transaxle Seal Kit (ZT-2800)	142.4	1	050-8010-00	2021 ZT/Maverick Transaxle Seal Kit (ZT-2800)
141.5	1	063-1050-00	ZT Hydraulic Filter	142.5	1	063-1050-00	ZT Hydraulic Filter





# PARTS SECTION: TRANSAXLES

Parts List				Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION	ITEM	QTY	PART NUMBER	DESCRIPTION
6	2	013-2050-00	1/4-20 NYL INSERT FLANGE LOCKNUT ZINC	89.1	1	022-0011-00	10 x 8.50 Black Wheel for the 022-0008-00
7	8	013-3000-00	Acorn Lug Nut	89.2	1	022-0012-00	20x12x10 Rear Tire
16	8	013-8049-00	5/16-18 NYLON INSERT FLANGE LOCKNUT ZINC	94	1	025-0017-00	2017 Transaxle Spacer-ZT
52	2	018-3000-00	3/8-16 X 2 HEX CAP SCREW (GR.5) ZINC	95	2	025-0036-00	Drive Arm Transaxle Spacer
53	4	018-4701-00	5/16-18 X 3 HEX CAP SCREW (GR.5) ZINC	96	2	025-0070-00	2017 Transaxle Spacer
60	2	018-5344-00	5/16-18 X 2-1/2 HEX CAP SCREW (GR.5) ZINC	119	2	034-1026-00	Brake Return Spring
61	2	018-5355-00	5/16-18 X 6 HEX CAP SCREW (GR.5) ZINC	134	1	041-6400-00	Pump Belt
66	2	018-8052-00	1/4-20 X 3/4 HEX CAP SCREW (GR.5) ZINC	141	1	050-5050-02	2021 RH 2800 Transaxle
85	8	019-8044-00	5/16 USS FLAT WASHER (7/8 OD) ZINC	142	1	050-5060-02	2021 LH 2800 Transaxle
89	2	022-0008-00	20x12x10 Rear Tire & Black Wheel Assembly	164	1	070-2301-00	2023 MZ-Avenger 54-60 Frame - Painted

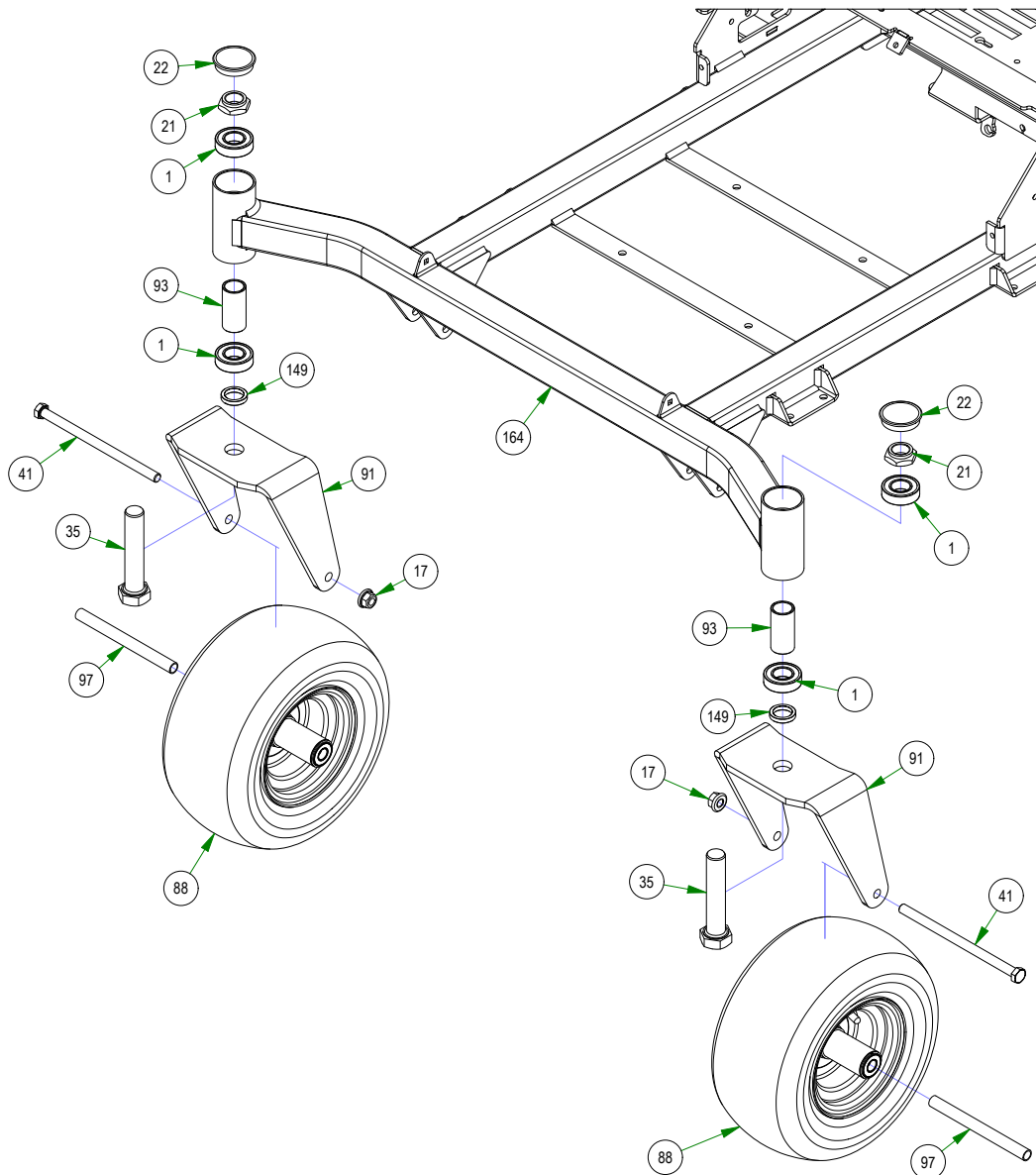




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# PARTS SECTION: FRONT FORK

Parts List				Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION	ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	010-1050-00	1641 BEARING W/2 CONTACT RUBBER SEALS	88	2	022-0007-00	12x6x6 Front Tire & Black Wheel Assembly (Representation Only)
17	2	013-8050-00	1/2-13 NYLON INSERT FLANGE LOCKNUT ZINC	91	2	023-0003-00	2017 ZT Front Fork
21	2	013-9004-00	1"-14 NYLON INSERT JAM LOCKNUT ZINC	93	2	025-0003-00	2016 Front Bearing Spacer
22	2	014-2025-00	2017 Bearing Cover	97	2	025-5202-00	Front Wheel Spanner
35	2	018-0005-00	1"-14 X 5 HEX CAP SCREW (GR.8) ZINC YELLOW	149	2	058-1000-00	1.02 ID X 1.38 OD X .250 THK SPACER ZINC
41	2	018-0040-00	1/2-13 X 8-1/2 HEX CAP SCREW (GR.5) ZINC	164	1	070-2301-00	2023 MZ-Avenger 54-60 Frame - Painted



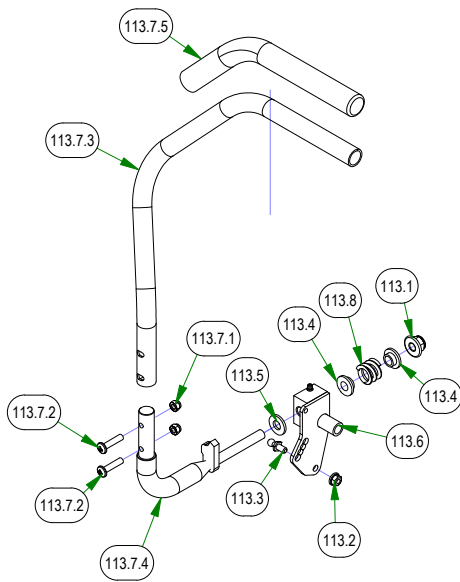




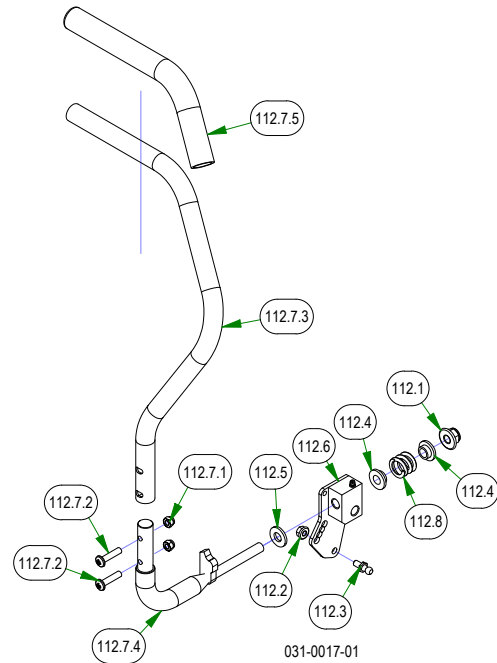
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# PARTS SECTION: DRIVE ARM SUB ASSEMBLIES

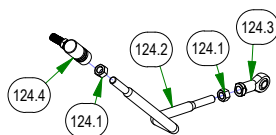
Parts List				Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION	ITEM	QTY	PART NUMBER	DESCRIPTION
112	1	031-0017-01	ZT Steering Arm Assembly, Left Hand	113.5	1	019-8054-00	.505 Nylon Spacer
112.1	1	013-8050-00	1/2-13 Nylon Flange Nut	113.6	1	031-0018-98	2017 Drive Lever Housing - Right
112.2	1	013-9002-00	5/16" Flange Nut	113.7	1	031-8851-70	ZT Steering Arm-Right
112.3	1	018-2050-00	10mm Damper Ball Stud-Steering	113.7.1	2	013-8047-00	5/16-18 NYL INS L/N ZC
112.4	2	019-8027-00	.515 ID Nylon Shoulder Washer	113.7.2	2	018-2020-18	5/16-18 x 1 3/8" Futton Head Torx Drive Bolt
112.5	1	019-8054-00	.505 Nylon Spacer	113.7.3	1	031-8851-02	ZT Direction Steering Arm (Right)
112.6	1	031-0017-98	2017 Drive Lever Housing - Left	113.7.4	1	031-9025-70	Steering Arm Elbow (Right)
112.7	1	031-8850-70	ZT Steering Arm-Left	113.7.5	1	069-4010-00	Rubber Grip
112.7.1	2	013-8047-00	5/16-18 NYL INS L/N ZC	113.8	1	034-8025-00	Drive Lever Spring
112.7.2	2	018-2020-18	5/16-18 x 1 3/8" Futton Head Torx Drive Bolt	124	1	035-5450-00	Push Rod-Right
112.7.3	1	031-8850-02	ZT Direction Steering Arm (Left)	124.1	2	013-6051-00	3/8" Fine Threaded Jam Nut
112.7.4	1	031-9020-70	Steering Arm Elbow (Left)	124.2	1	035-5450-01	Push Rod - Right (Rod Only)
112.7.5	1	069-4010-00	Rubber Grip	124.3	1	048-3000-00	Spherical Rod End - Outlaw
112.8	1	034-8025-00	Drive Lever Spring	124.4	1	099-2009-00	Quick Release Ball Joint
113	1	031-0018-01	ZT Steering Arm Assembly-Right Hand	125	1	035-5451-00	Push Rod-Left
113.1	1	013-8050-00	1/2-13 Nylon Flange Nut	125.1	2	013-6051-00	3/8" Fine Threaded Jam Nut
113.2	1	013-9002-00	5/16" Flange Nut	125.2	1	035-5451-01	Push Rod LH (Rod Only)
113.3	1	018-2050-00	10mm Damper Ball Stud-Steering	125.3	1	048-3000-00	Spherical Rod End - Outlaw
113.4	2	019-8027-00	.515 ID Nylon Shoulder Washer	125.4	1	099-2009-00	Quick Release Ball Joint



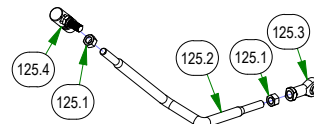
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ZT Steering Arm Assembly, Right Hand



031-0017-01  
ZT Steering Arm Assembly, Left Hand



035-5450-00  
Push Rod - Right

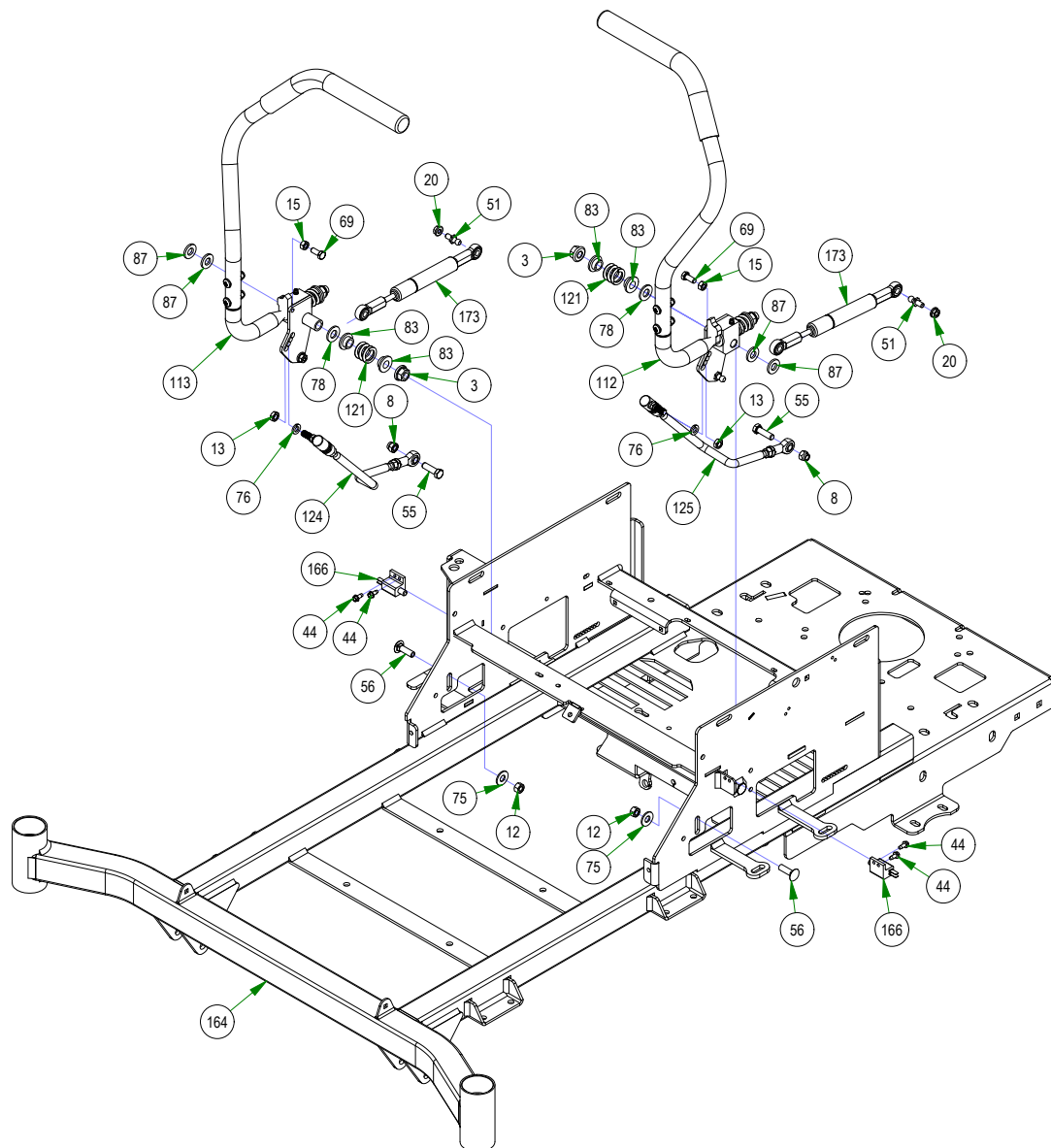


035-5451-00  
Push Rod - Left



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# PARTS SECTION: DRIVE ARMS





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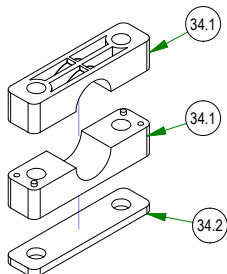
# PARTS SECTION: DRIVE ARMS

Parts List				Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION	ITEM	QTY	PART NUMBER	DESCRIPTION
3	2	013-0010-00	1/2-13 HEX FLANGE AUTO OVAL LOCKNUT (GR.F) ZINC/WAX	76	2	019-5037-00	3/8 SPLIT LOCKWASHER ZINC
8	2	013-5041-00	3/8-16 NYLON INSERT LOCKNUT ZINC	78	2	019-5702-00	1/2 SAE FLAT WASHER (1-1/16" OD) GR.8 ZINC YELLOW
12	2	013-6014-00	3/8-16 HEX NUT ZINC	83	4	019-8027-00	.525 ID SHOULDER WASHER NYLON
13	2	013-6051-00	3/8-24 HEX NUT ZINC YELLOW	87	4	019-8054-00	.505 ID X 1.000 OD X .125 THICK FLAT WASHER NYLON
15	2	013-8043-00	5/16-18 HEX NUT ZINC	112	1	031-0017-01	ZT Steering Arm Assembly, Left Hand
20	2	013-9002-00	5/16-18 HEX SERRATED FLANGE NUT HARD/ZINC	113	1	031-0018-01	ZT Steering Arm Assembly-Right Hand
44	4	018-1080-00	12-24 X 1/2 HEX WASHER UNLSOT F TCS ZINC	121	2	034-8025-00	Drive Lever Spring
51	2	018-2050-00	10mm Damper Ball Stud-Steering	124	1	035-5450-00	Push Rod-Right
55	2	018-5040-00	3/8-16 X 1-1/4 HEX CAP SCREW (GR.5) ZINC	125	1	035-5451-00	Push Rod-Left
56	2	018-5043-00	3/8-16 X 1-1/4 CARRIAGE BOLT ZINC	164	1	070-2301-00	2023 MZ-Avenger 54-60 Frame - Painted
69	2	018-8063-00	5/16-18 X 3/4 HEX CAP SCREW (GR.5) ZINC	166	2	077-8073-00	Safety Switch
75	2	019-5029-00	3/8 FLAT WASHER USS (1" OD) ZINC	173	2	087-0004-00	ZT Avenger Steering Dampener

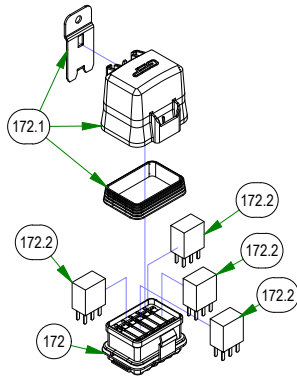


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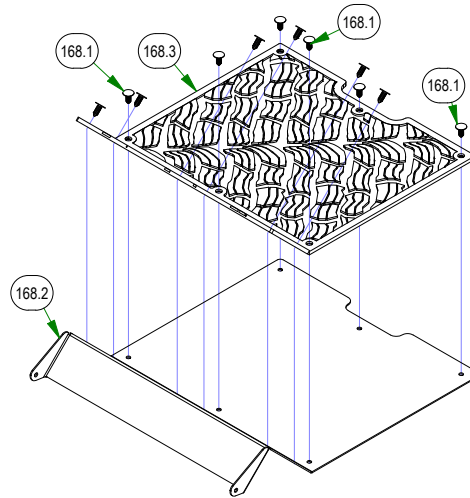
# PARTS SECTION: FRAME SUB ASSEMBLIES



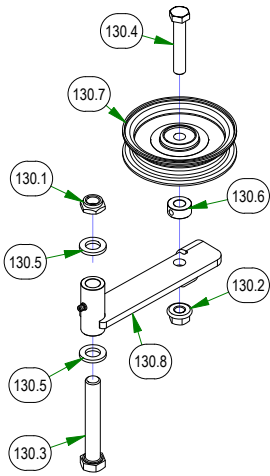
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Pillow Block Kit



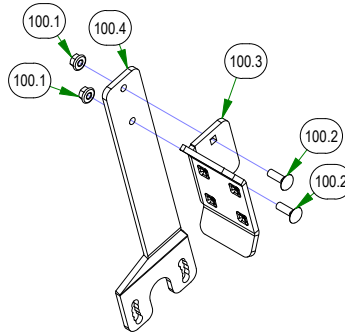
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Wiring Harness



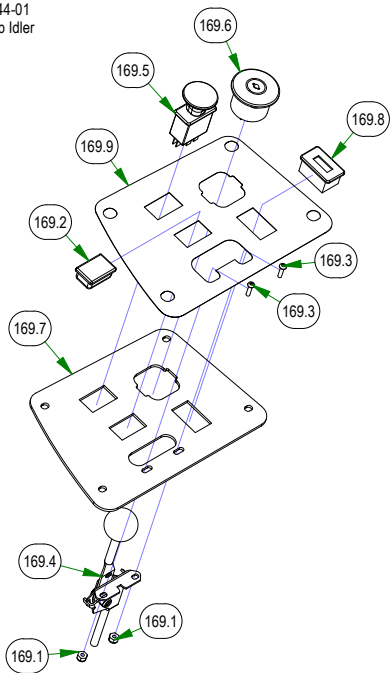
079-3417-20  
2020 MZ AVEN Floorboard Assembly



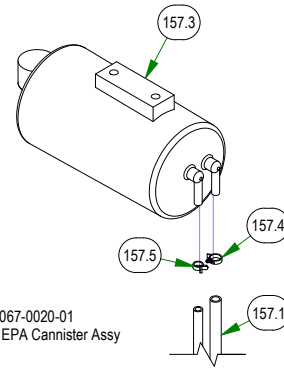
039-5944-01  
ZT Pump Idler



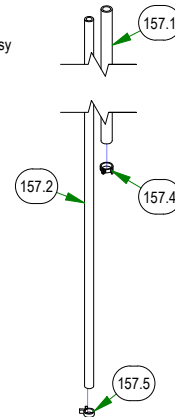
026-0019-01  
Foot Pedal Assembly



079-3460-19  
2019 ZT/Maverick Control Panel Assembly



067-0020-01  
ZT/Mav EPA Cannister Assy





BAD BOY MOWERS

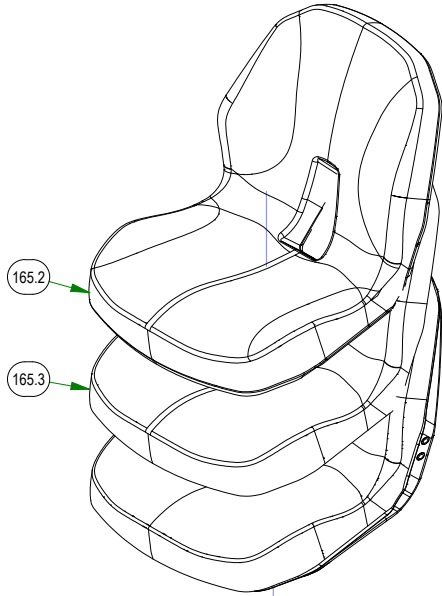
# PARTS SECTION: FRAME SUB ASSEMBLIES

Parts List				Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION	ITEM	QTY	PART NUMBER	DESCRIPTION
34	4	017-9076-00	Pillow Block Kit	157.3	1	067-0020-00	Carbon Canister
34.1	2	017-9077-00	Pillow Block MZ	157.4	2	072-8070-00	3/16 Vinyl Clamp
34.2	1	017-9079-00	Pillow Block Strap	157.5	2	072-8073-00	3/16" Vinyl Hose Clamp
100	1	026-0019-01	Foot Pedal Assembly	168	1	079-3417-20	2020 MZ AVEN Floorboard Assembly
100.1	2	013-8049-00	5/16-18 NYLON INSERT FLANGE LOCKNUT ZINC	168.1	12	040-6080-00	Ratchet Fastener
100.2	2	018-8065-00	5/16-18 X 1 CARRIAGE BOLT (GR.8) ZINC	168.2	1	079-3417-00	MZ/ZT 2017 Floorboard
100.3	1	026-0019-00	2017 MZ/ZT Shallow Foot Pedal	168.3	1	081-4001-00	2021 Maverick Floor Mat W/ Reaper Tread
100.4	1	031-0500-00	2017 MZ/ZT Deck Pedal Lever	169	1	079-3560-23	2023 Control Panel Assembly
130	1	039-5944-01	ZT Pump Idler	169.1	2	013-5019-00	10-24 Nylon Insert Locknut Zinc Orange Nylon
130.1	1	013-5301-00	5/8-11 NYLON INSERT JAM LOCKNUT ZINC	169.2	1	018-1040-00	Light Plug
130.2	1	013-8050-00	1/2-13 NYLON INSERT FLANGE LOCKNUT ZINC	169.3	2	018-5200-00	10-24 X 5/8 BS Button Head Bolt
130.3	1	018-5311-00	5/8-11 X 4 HEX CAP SCREW (GR.8) ZINC YELLOW	169.4	1	055-8020-00	Throttle Lever Assembly
130.4	1	018-6036-00	1/2-13 X 2-3/4 HEX CAP SCREW (GR.5) ZINC	169.5	1	056-8058-00	PTO Engager
130.5	2	019-6017-00	.635 ID X 1.120 OD X .140 THICK FLAT WASHER NYLON	169.6	1	077-8076-00	Ignition Switch
130.6	1	025-7036-00	1/2 SOLID SHAFT COLLAR (W/1 SET SCREW) ZINC	169.7	1	079-3461-00	2022 Maverick HD control panel
130.7	1	033-6001-00	4 3/4" Idler Pulley	169.8	1	083-4013-00	Tachometer
130.8	1	039-5944-00	Pump Idler Bracket	169.9	1	091-4072-00	2023 MZ/Magnum/ZT/Maverick Control Panel Decal
157	1	067-0020-01	ZT/Mav EPA Cannister Assy	172	1	086-3050-19	Wiring Harness
157.1	1	051-2020-01	1/4" Vinyl Tubing, 46" Long	172.1	1	086-1202-01	Relay Block Cover Replacement Kit
157.2	1	051-2025-02	3/16" Vinyl Tubing, 55" Long	172.2	4	086-1202-19	Relay

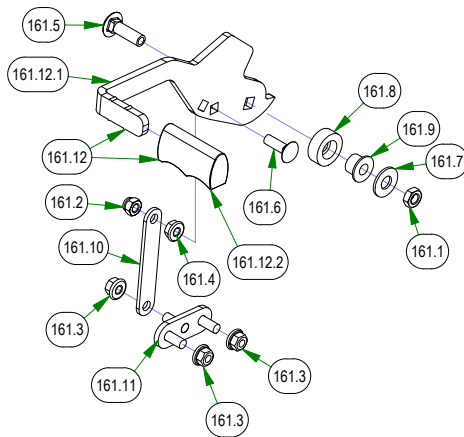


BAD BOY MOWERS

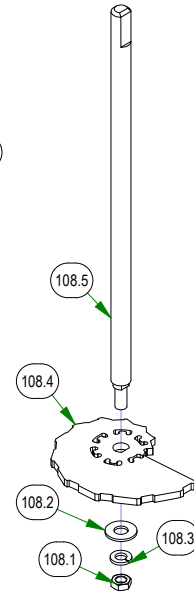
# PARTS SECTION: FRAME SUB ASSEMBLIES



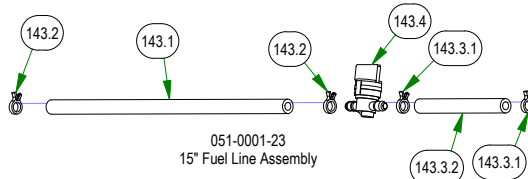
165.1  
071-2100-22  
2022 Avenger Seat



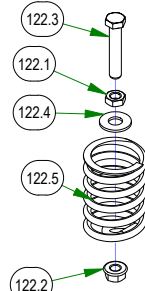
069-1051-21  
2021 Load Balanced Brake Handle Assembly



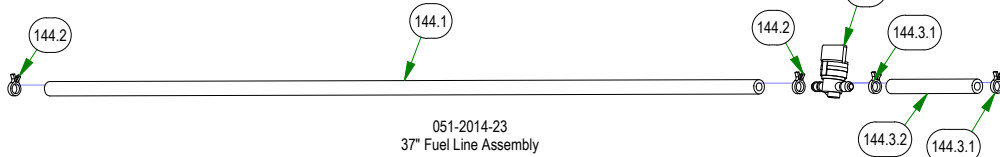
028-0070-17  
ZT Deck Height Bar Assembly



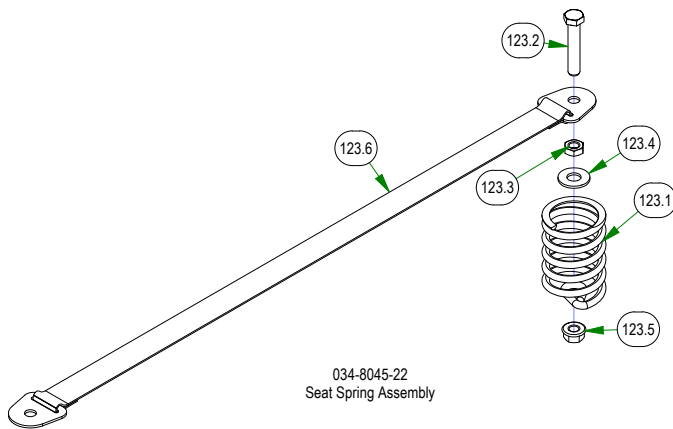
051-0001-23  
15" Fuel Line Assembly



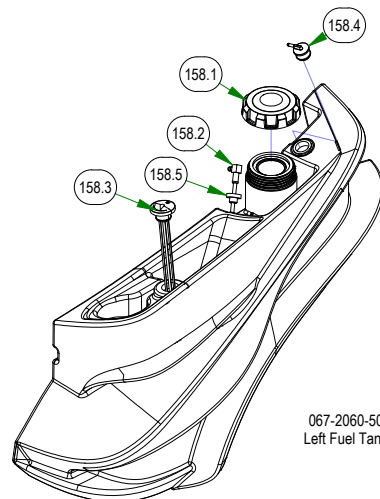
034-8045-03  
Seat Spring Assembly



051-2014-23  
37" Fuel Line Assembly



034-8045-22  
Seat Spring Assembly



067-2060-50  
Left Fuel Tank



BAD BOY MOWERS

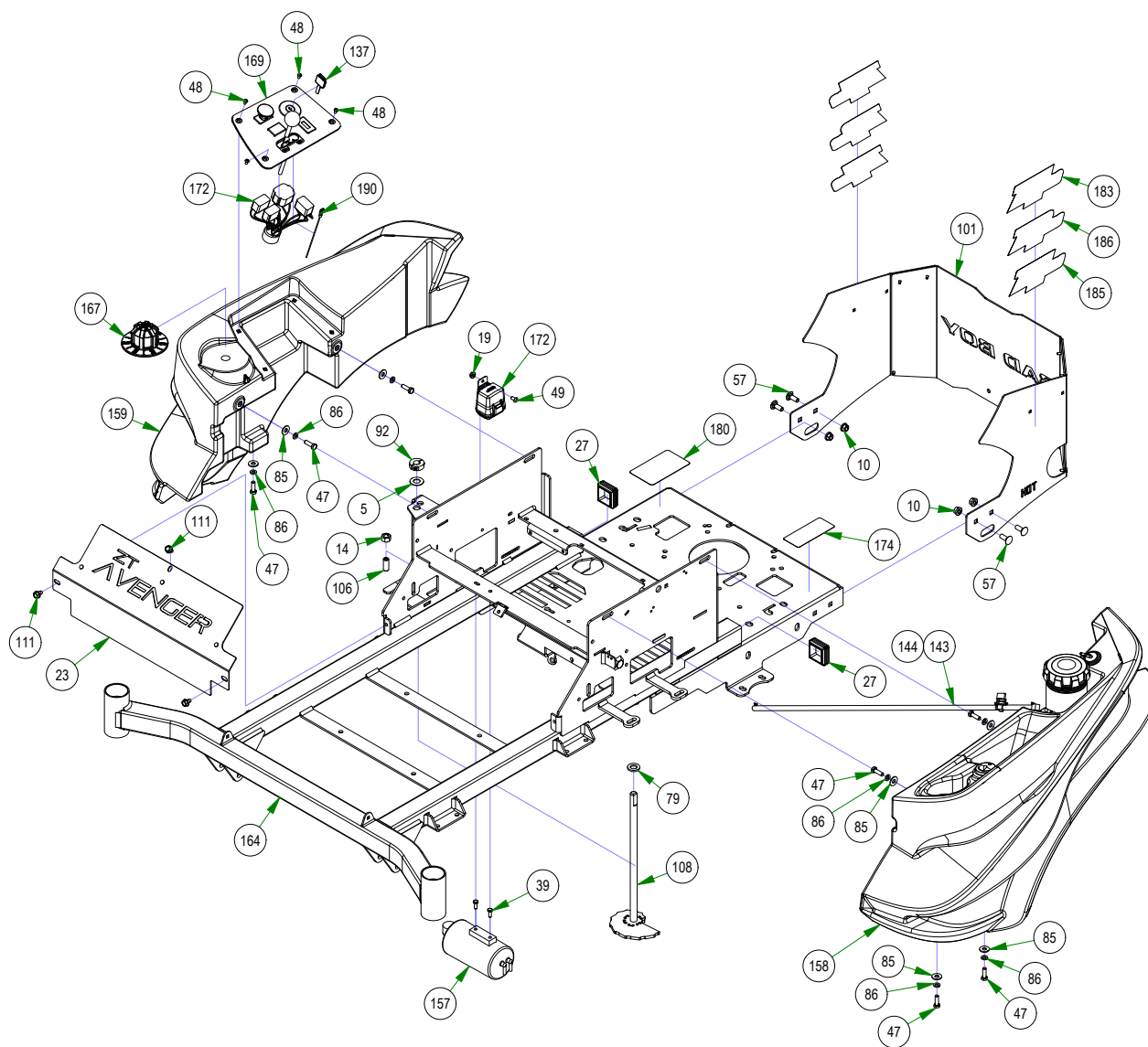
# PARTS SECTION: FRAME SUB ASSEMBLIES

Parts List				Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION	ITEM	QTY	PART NUMBER	DESCRIPTION
108	1	028-0070-17	ZT Deck Height Bar Assembly	144.3	1	051-2014-04	Fuel Line 4" Section with Clamps
108.1	1	013-6051-00	3/8-24 HEX NUT ZINC YELLOW	144.3.1	2	072-8069-00	1/4 Fuel Hose Clamp
108.2	1	019-5029-00	3/8 FLAT WASHER USS (1" OD) ZINC	144.3.2	1	051-8067-00	4" 1/4 Fuel Line
108.3	1	019-5037-00	3/8 SPLIT LOCKWASHER ZINC	144.4	1	067-6057-00	2 Way Fuel Shut-Off Valve
108.4	1	026-1100-00	2017 MZ/ZT Cam Plate	158	1	067-2060-50	Left Fuel Tank
108.5	1	028-0014-00	2017 Deck Height Dial Rod ZT	158.1	1	066-8083-00	Fuel Cap
122	1	034-8045-03	Seat Spring Assembly	158.2	1	067-0011-00	Pick-Up
122.1	1	013-0017-00	3/8-16 Half Jam Nut	158.3	1	067-4090-00	Fuel Gauge w/Grommet
122.2	1	013-5201-00	3/8-16 HEX SERRATED FLANGE NUT HARD/ZINC	158.4	1	067-6070-00	Rollover Valve W/Grommet
122.3	1	018-3000-00	3/8-16 X 2 HEX CAP SCREW (GR.5) ZINC	158.5	1	067-6080-00	Pick-Up Grommet
122.4	1	019-5029-00	3/8 FLAT WASHER USS (1" OD) ZINC	161	1	069-1051-21	2021 Load Balanced Brake Handle Assembly
122.5	1	034-8045-00	Seat Spring	161.1	1	013-0012-00	3/8-16 HEX JAM 2-WAY REVERSIBLE CENTER LOCKNUT ZINC
123	1	034-8045-22	Seat Spring Assembly	161.2	1	013-8042-00	5/16-18 NYLON INSERT CAP LOCKNUT ZINC (BLK CAP)
123.1	1	034-8045-00	Seat Spring	161.3	3	013-8049-00	5/16-18 NYLON INSERT FLANGE LOCKNUT ZINC
123.2	1	018-3000-00	3/8-16 X 2 HEX CAP SCREW (GR.5) ZINC	161.4	1	013-9002-00	5/16-18 HEX SERRATED FLANGE NUT HARD/ZINC
123.3	1	013-0017-00	3/8-16 Half Jam Nut	161.5	1	018-5043-00	3/8-16 X 1-1/4 CARRIAGE BOLT ZINC
123.4	1	019-5029-00	3/8 FLAT WASHER USS (1" OD) ZINC	161.6	1	018-8065-00	5/16-18 X 1 CARRIAGE BOLT (GR.8) ZINC
123.5	1	013-5201-00	3/8-16 HEX SERRATED FLANGE NUT HARD/ZINC	161.7	1	019-5029-00	3/8 FLAT WASHER USS (1" OD) ZINC
123.6	1	064-8083-00	Seat Strap with Buckles	161.8	1	025-0001-00	2015 Brake Lever Spacer
143	1	051-0001-23	15" Fuel Line Assembly	161.9	1	032-5053-00	.377 ID X .625 OD X .500 HGT X .880 FLNG DIA X .060 FLNG THK BUSHING BRONZE
143.1	1	051-8067-00	11" 1/4 Fuel Line	161.10	1	039-0170-00	Brake Cable Extension Plate
143.2	2	072-8069-00	1/4 Fuel Hose Clamp	161.11	1	039-0171-00	Brake Load Balancer Lower Weldment
143.3	1	051-2014-04	Fuel Line 4" Section with Clamps	161.12	1	069-1051-00	Load Balanced Brake Handle with Grip
143.3.1	2	072-8069-00	1/4 Fuel Hose Clamp	161.12.1	1	069-3000-00	Switch Relocation Brake Handle
143.3.2	1	051-8067-00	4" 1/4 Fuel Line	161.12.2	1	069-3010-00	Brake Handle Rubber
143.4	1	067-6057-00	2 Way Fuel Shut-Off Valve	165	1	071-2100-22	2022 Avenger Seat
144	1	051-2014-23	37" Fuel Line Assembly	165.1	1	071-1004-00	Seat Switch
144.1	1	051-2014-01	37" 1/4 Fuel Line	165.2	1	071-2108-00	Avenger Seat Cover
144.2	2	072-8069-00	1/4 Fuel Hose Clamp	165.3	1	071-2110-00	Water Proofing Protection



BAD BOY MOWERS

# PARTS SECTION: FUEL TANK & REAR COVER







# PARTS SECTION: FUEL TANK & REAR COVER

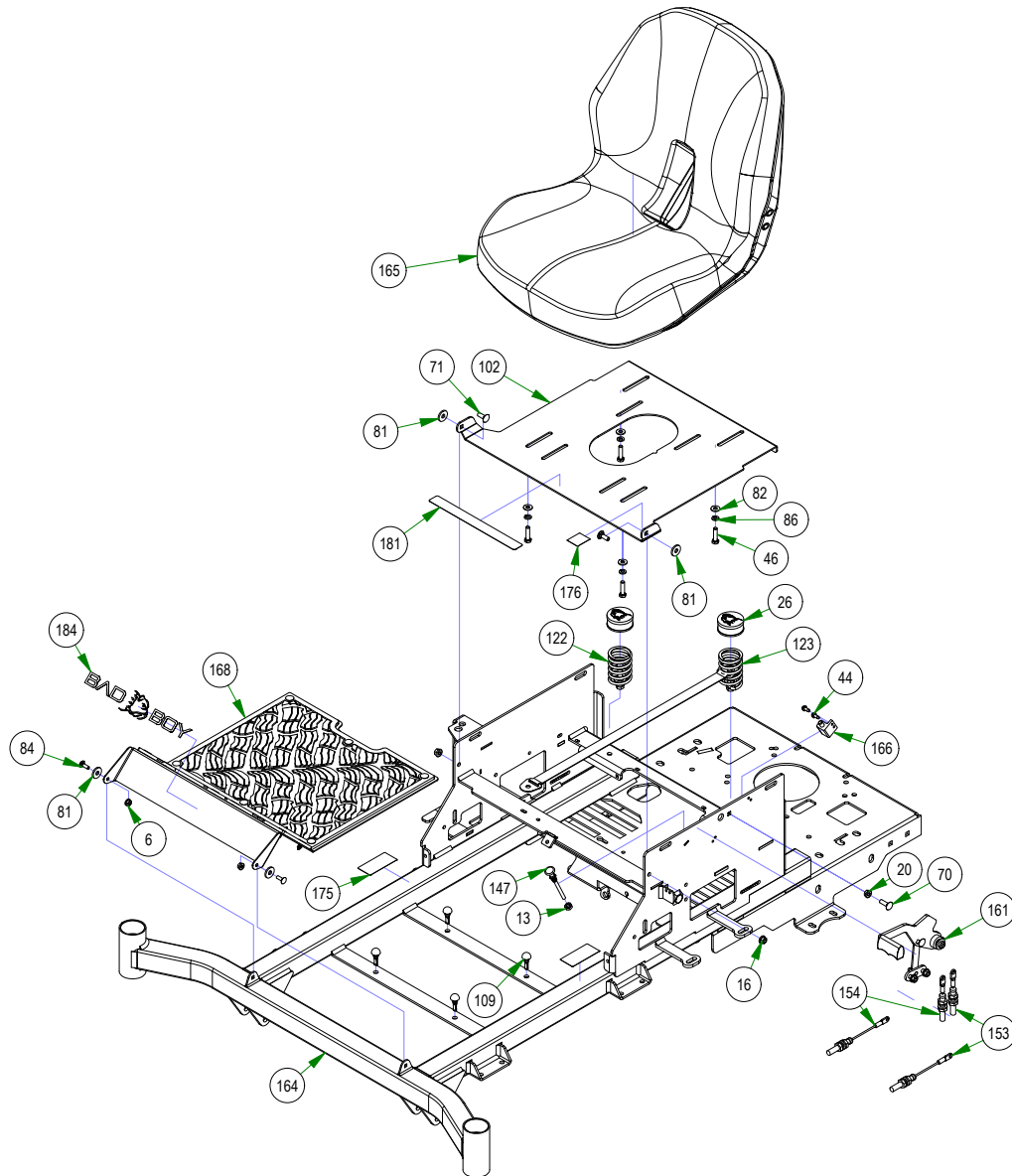
Parts List				Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION	ITEM	QTY	PART NUMBER	DESCRIPTION
5	1	013-0080-00	.625 ID x 1.250 OD x .062 THK FW Nylon	143.3.2	1	051-8067-00	4" 1/4 Fuel Line
10	4	013-5202-00	3/8-16 NYLON INSERT FLANGE LOCKNUT (GR.F) ZINC	144	1	051-2014-23	37" Fuel Line Assembly
14	1	013-7018-00	1/2-13 HEX NUT ZINC	144.3	1	051-2014-04	Fuel Line 4" Section with Clamps
19	1	013-9001-00	1/4-20 HEX SERRATED FLANGE NUT HARD/ZINC	144.3.1	2	072-8069-00	1/4 Fuel Hose Clamp
23	1	014-3319-23	2023 ZT Avenger Cooler Cover Assembly	144.3.2	1	051-8067-00	4" 1/4 Fuel Line
27	2	014-9000-00	2X2 Frame Plug	157	1	067-0020-01	ZT/Mav EPA Cannister Assy
39	2	018-0024-00	M6-1.0 X 16MM DIN 933 HEX TAP BOLT (CL 8.8) ZINC	158	1	067-2060-50	Left Fuel Tank
47	7	018-2007-00	5/16-18 X 1 HEX CAP SCREW (GR.5) ZINC	158.1	1	066-8083-00	Fuel Cap
48	4	018-2010-00	10-32 X 3/8 BUTTON SOCKET CAP SCREW 18-8 STAINLESS STEEL	158.2	1	067-0011-00	Pick-Up
				158.3	1	067-4090-00	Fuel Gauge w/Grommet
49	1	018-2012-00	1/4-20 X 1/2 BUTTON SOCKET CAP SCREW 18-8 STAINLESS STEEL	158.4	1	067-6070-00	Rollover Valve W/Grommet
				158.5	1	067-6080-00	Pick-Up Grommet
57	4	018-5044-00	3/8-16 X 1 CARRIAGE BOLT (GR.5) ZINC	159	1	067-2070-50	Right Side Console
79	1	019-6017-00	.635 ID X 1.120 OD X .140 THICK FLAT WASHER NYLON	164	1	070-2301-00	2023 MZ-Avenger 54-60 Frame - Painted
85	7	019-8044-00	5/16 USS FLAT WASHER (7/8 OD) ZINC	167	1	077-9000-00	MZ/ZT Deck Height Dial
86	7	019-8051-00	5/16 SPLIT LOCKWASHER ZINC	169	1	079-3560-23	2023 Control Panel Assembly
92	1	025-0002-00	5/8" Split Collar	172	1	086-3050-19	Wiring Harness
101	1	026-0224-00	2022 ZT Avenger Rear Cover Assembly	174	1	091-0015-23	2023 EPA Build Date Punch Decal
106	1	028-0008-00	Dial Rod Plunger	180	1	091-3017-00	Pump Belt Route Decal-Pump Plate
108	1	028-0070-17	ZT Deck Height Bar Assembly	183	1	091-4060-00	725cc ZT Decal
111	3	030-7044-00	5/16-18 X 1/2 HWH unslot (F) tcs zinc	185	1	091-4077-00	ZT Avenger 724cc Back Plate Decal
137	1	042-9000-00	Ignition Key	186	1	091-4078-00	ZT Avenger 726cc Back Plate Decal
143	1	051-0001-23	15" Fuel Line Assembly	190	1	216-1000-17	2017 MZ/ZT/MAV Tach Wire Assy
143.3	1	051-2014-04	Fuel Line 4" Section with Clamps				
143.3.1	2	072-8069-00	1/4 Fuel Hose Clamp				



BAD BOY MOWERS

# PARTS SECTION: UPPER FRAME

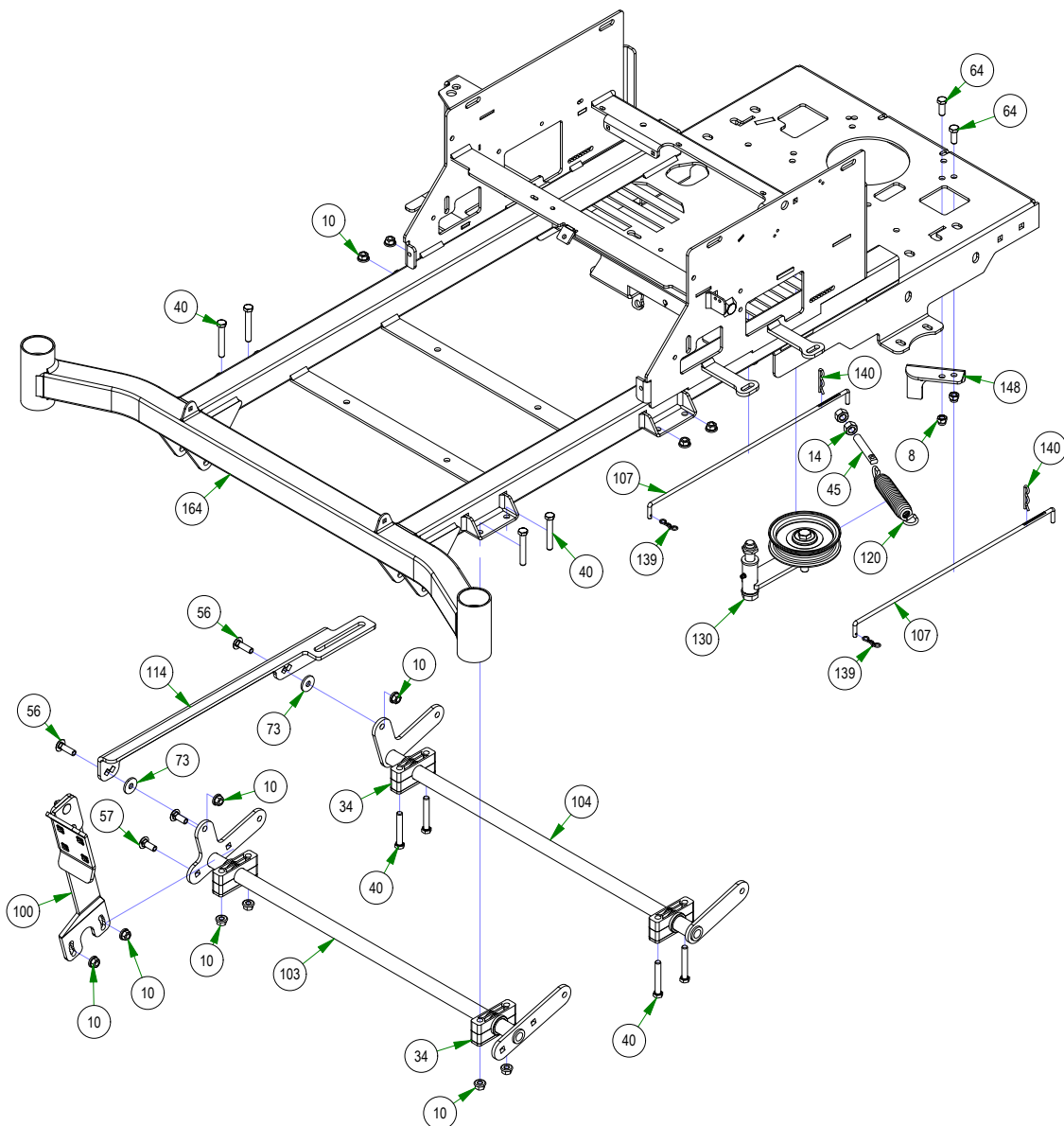
Parts List				Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION	ITEM	QTY	PART NUMBER	DESCRIPTION
6	2	013-2050-00	1/4-20 NYL INSERT FLANGE LOCKNUT ZINC	123	1	034-8045-22	Seat Spring Assembly
13	1	013-6051-00	3/8-24 HEX NUT ZINC YELLOW	147	1	054-8017-00	Choke
16	2	013-8049-00	5/16-18 NYLON INSERT FLANGE LOCKNUT ZINC	153	1	064-3050-21	2021 Load Balanced Brake Cable 1
20	1	013-9002-00	5/16-18 HEX SERRATED FLANGE NUT HARD/ZINC	154	1	064-3051-21	2021 Load Balanced Brake Cable 2
26	2	014-8047-00	Spring Cap Cover	161	1	069-1051-21	2021 Load Balanced Brake Handle Assembly
44	2	018-1080-00	12-24 X 1/2 HEX WASHER UNLSOT F TCS ZINC	164	1	070-2301-00	2023 MZ-Avenger 54-60 Frame - Painted
46	4	018-2006-00	5/16-18 X 1-1/4 HEX C/S (GR.5) ZC	165	1	071-2100-22	2022 Avenger Seat
70	1	018-8065-00	5/16-18 X 1 CARRIAGE BOLT (GR.8) ZINC	165.1	1	071-1004-00	Seat Switch
71	2	018-8066-00	5/16-18 X 7/8 CARRIAGE BOLT ZINC	165.2	1	071-2108-00	Avenger Seat Cover
81	4	019-6042-00	.360 ID X .983 OD X .120 THICK FLAT WASHER NYLON	165.3	1	071-2110-00	Water Proofing Protection
82	4	019-7040-00	1/4 USS FLAT WASHER (3/4 OD) ZINC	166	1	077-8073-00	Safety Switch
84	2	019-8040-00	1/4-20 X 3/4 CARRIAGE BOLT (GR.5) ZINC	168	1	079-3417-20	2020 MZ AVEN Floorboard Assembly
86	4	019-8051-00	5/16 SPLIT LOCKWASHER ZINC	175	1	091-0214-00	2018 LH/RH Steering Control Decal Roll
102	1	026-2022-00	2022 Avenger Seat Plate	176	1	091-0339-18	2018 MZ/Magnum/ZT/MAV/Comp Out Brake Decal
109	4	029-4011-00	2023 Floor Board Rubber Bumper	181	1	091-3150-00	Outlaw Warning Decal
122	1	034-8045-03	Seat Spring Assembly	184	1	091-4063-00	Flying Bulldog Front Bumper Decal





# PARTS SECTION: LOWER FRAME

Parts List				Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION	ITEM	QTY	PART NUMBER	DESCRIPTION
8	2	013-5041-00	3/8-16 NYLON INSERT LOCKNUT ZINC	103	1	028-0002-00	Actuator Bar Front- 2017 MZ/ZT
10	12	013-5202-00	3/8-16 NYLON INSERT FLANGE LOCKNUT (GR.F) ZINC	104	1	028-0003-00	Actuator Bar Rear- 2017 MZ/ZT
14	2	013-7018-00	1/2-13 HEX NUT ZINC	107	2	028-0070-00	Neutral Rod
34	4	017-9076-00	Pillow Block Kit	114	1	031-0510-00	2017 MZ/ZT Actuator Linkage
40	8	018-0028-00	3/8-16 X 2-1/2 HEX CAP SCREW (GR.5) ZINC	120	1	034-2020-00	Deck Idler Spring
45	1	018-2004-50	All Thread	130	1	039-5944-01	ZT Pump Idler
56	2	018-5043-00	3/8-16 X 1-1/4 CARRIAGE BOLT ZINC	139	2	044-2004-00	Bow Pin
57	2	018-5044-00	3/8-16 X 1 CARRIAGE BOLT (GR.5) ZINC	140	2	044-2008-00	Neutral Rod Clip
64	2	018-6049-00	3/8-16 X 1 GR 5 Hex Bolts Zinc	148	1	057-5900-00	2017 MZ Clutch Stop
73	2	019-2073-00	.390 ID X 1.12 OD X .125 THK FLAT WASHER NYLON	164	1	070-2301-00	2023 MZ-Avenger 54-60 Frame - Painted
100	1	026-0019-01	Foot Pedal Assembly				

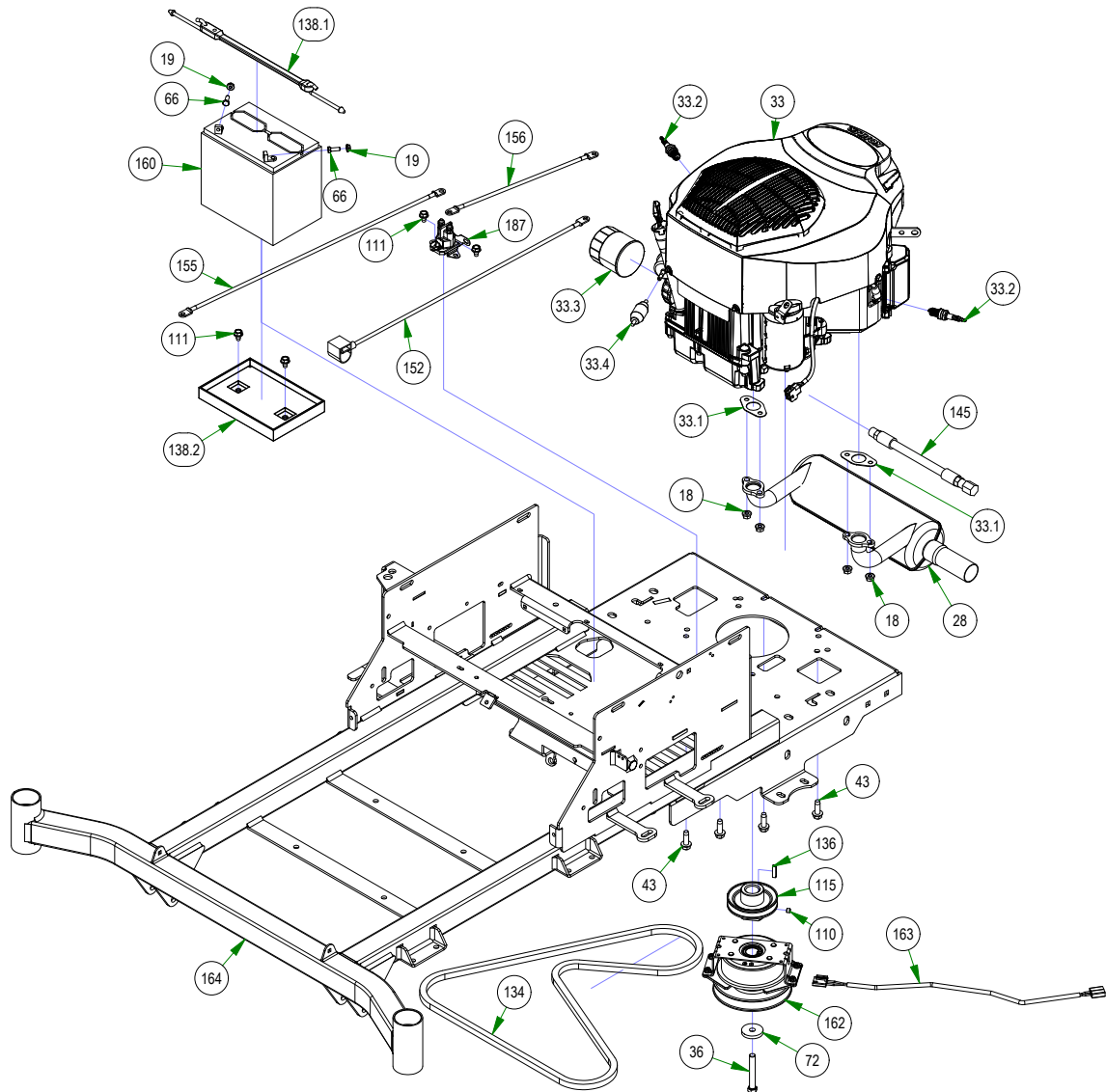




BAD BOY MOWERS

# PARTS SECTION: ENGINE - KOHLER KT740

Parts List				Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION	ITEM	QTY	PART NUMBER	DESCRIPTION
18	4	013-8240-00	M8 Nut Connects the 015-1012-00 and the 015-8240-00	134	1	041-6400-00	Pump Belt
19	2	013-9001-00	1/4-20 HEX SERRATED FLANGE NUT HARD/ZINC	136	1	042-6030-00	1/4 X 1 SQ MACHINERY KEY 1018 STL PLN
28	1	015-0051-00	Kohler Muffler	138	1	043-8930-98	2023 Battery Hold Down Assembly Strap
33	1	015-2014-00	25hp Kohler 2014 MZ-KT740-3048	138.1	1	043-8930-00	2023 Rubber Battery Hold Down Strap
33.1	2	015-2751-00	Exhaust Gasket	138.2	1	043-8931-00	Battery Tray
33.2	2	015-8000-00	Spark Plug	145	1	051-5401-00	Oil drain Hose
33.3	1	063-5004-00	25 HP Kohler Oil Filter ZT?MZ	152	1	064-0030-00	24 inch Black Cable - MZ/ZT
33.4	1	063-6000-00	Universal Inline Fuel Filter	155	1	064-5300-00	24" Red Battery Cable
36	1	018-0007-21	7/16-20x3" Hex Bolt GR 8 W/ Patch	156	1	064-5301-00	12 in red battery cable
43	4	018-1075-00	3/8-16 X 1-1/8 HEX WASHER UNSLOT SERRATED (TRI-LOB) TRS ZINC YELLOW	160	1	068-8049-00	SP-35 Battery
66	2	018-8052-00	1/4-20 X 3/4 HEX CAP SCREW (GR.5) ZINC	162	1	070-0055-00	Clutch
72	1	019-0010-00	CLUTCH WASHER	163	1	070-2000-00	Clutch Pigtail
110	1	030-0050-00	5/16-24 X 1/4 SOCKET SET SCREW (CUP PT) PLAIN	164	1	070-2301-00	2023 MZ-Avenger 54-60 Frame - Painted
111	4	030-7044-00	5/16-18 X 1/2 HWH unslot (F) tcs zinc	187	1	108-0001-00	Solenoid
115	1	033-2010-00	3-3/4" Motor Pulley				

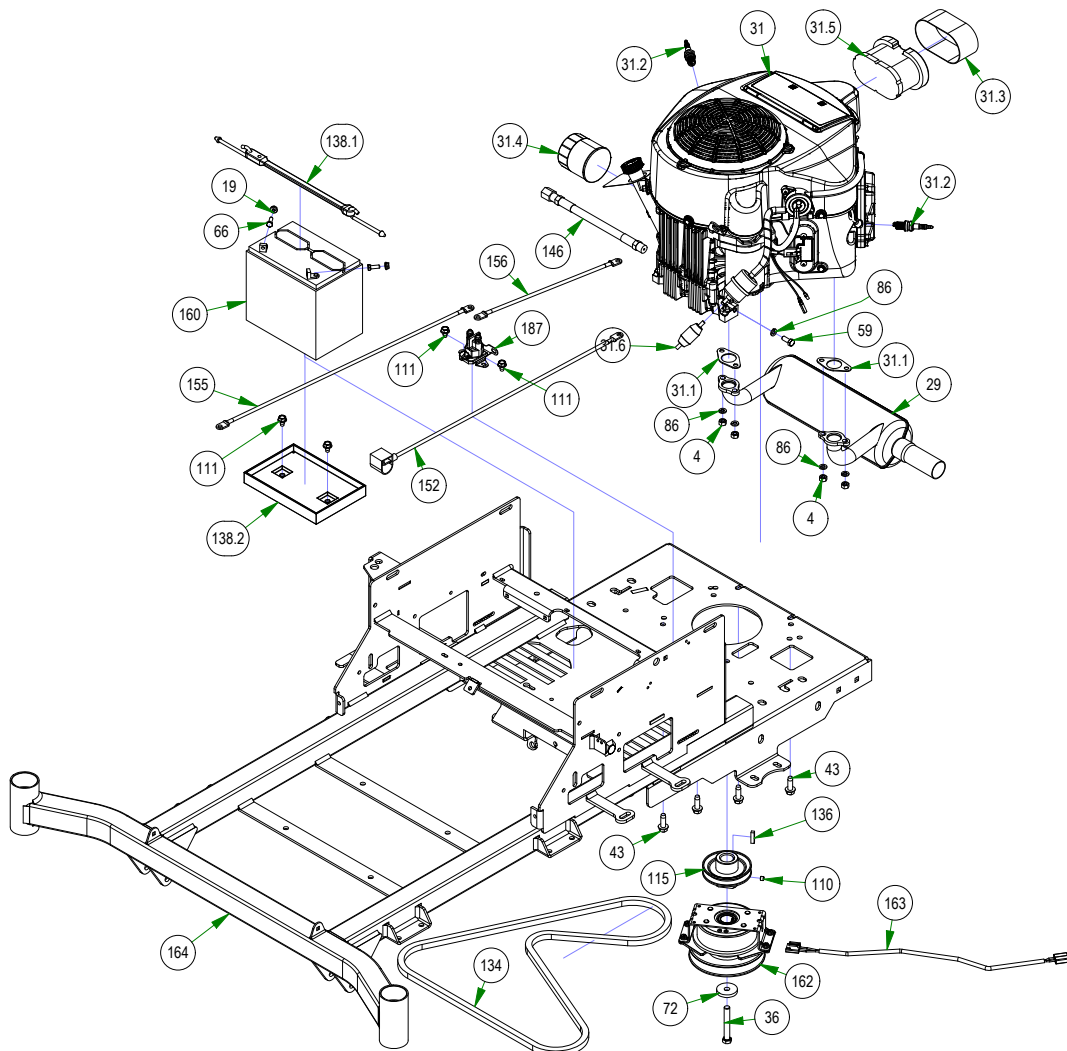




BAD BOY MOWERS

# PARTS SECTION: ENGINE - KAWASAKI FR691

Parts List				Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION	ITEM	QTY	PART NUMBER	DESCRIPTION
4	4	013-0075-00	M8-1.25 DIN 934 HEX NUT (CL.8) ZINC	111	4	030-7044-00	5/16-18 X 1/2 HWH unslot (F) tcs zinc
19	2	013-9001-00	1/4-20 HEX SERRATED FLANGE NUT HARD/ZINC	115	1	033-2010-00	3-3/4" Motor Pulley
29	1	015-0052-00	Kawasaki Muffler 1251	134	1	041-6400-00	Pump Belt
31	1	015-0068-00	Kawasaki FR691 29.5HP	136	1	042-6030-00	1/4 X 1 SQ MACHINERY KEY 1018 STL PLN
31.1	2	015-0077-01	Exhaust Gasket	138	1	043-8930-98	2023 Battery Hold Down Assembly Strap
31.2	2	015-8001-00	Spark Plug - Kawasaki	138.1	1	043-8930-00	2023 Rubber Battery Hold Down Strap
31.3	1	041-4000-00	Air Filter Pre-Cleaner for KAW	138.2	1	043-8931-00	Battery Tray
31.4	1	063-2096-00	22-26 Kaw Oil Filter FR Engine	146	1	051-5404-00	Oil drain Hose
31.5	1	063-2097-00	Kawasaki Air Filter	152	1	064-0030-00	24 inch Black Cable - MZ/ZT
31.6	1	063-6000-00	Universal Inline Fuel Filter	155	1	064-5300-00	24" Red Battery Cable
36	1	018-0007-21	7/16-20x3" Hex Bolt GR 8 W/ Patch	156	1	064-5301-00	12 in red battery cable
43	4	018-1075-00	3/8-16 X 1-1/8 HEX WASHER UNSLOT SERRATED (TRI-LOB) TRS ZINC YELLOW	160	1	068-8049-00	SP-35 Battery
59	1	018-5321-00	M8-1.25 X 20MM DIN 933 HEX TAP BOLT (CL 8.8) ZINC	162	1	070-0055-00	Clutch
66	2	018-8052-00	1/4-20 X 3/4 HEX CAP SCREW (GR.5) ZINC	163	1	070-2000-00	Clutch Pigtail
72	1	019-0010-00	CLUTCH WASHER	164	1	070-2301-00	2023 MZ-Avenger 54-60 Frame - Painted
86	5	019-8051-00	5/16 SPLIT LOCKWASHER ZINC	187	1	108-0001-00	Solenoid
110	1	030-0050-00	5/16-24 X 1/4 SOCKET SET SCREW (CUP PT) PLAIN				

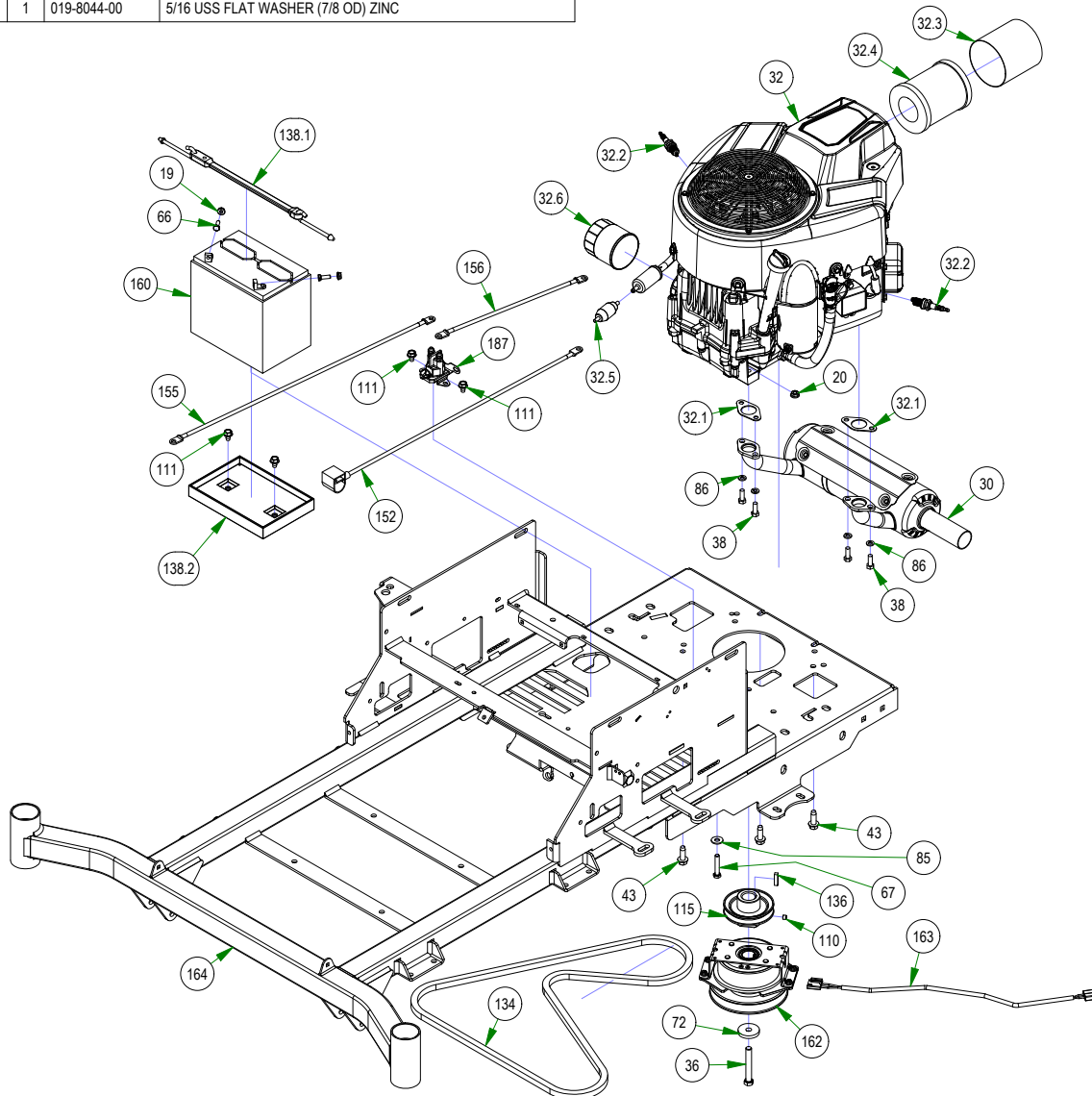




BAD BOY MOWERS

# PARTS SECTION: ENGINE - BRIGGS 25hp Cxi

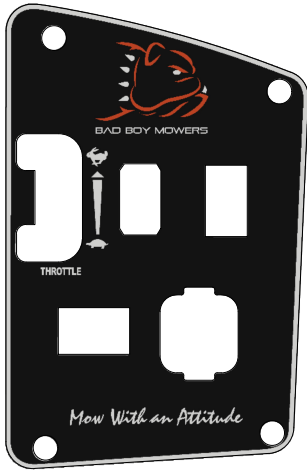
Parts List				Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION	ITEM	QTY	PART NUMBER	DESCRIPTION
19	2	013-9001-00	1/4-20 HEX SERRATED FLANGE NUT HARD/ZINC	86	4	019-8051-00	5/16 SPLIT LOCKWASHER ZINC
20	1	013-9002-00	5/16-18 HEX SERRATED FLANGE NUT HARD/ZINC	110	1	030-0050-00	5/16-24 X 1/4 SOCKET SET SCREW (CUP PT) PLAIN
30	1	015-0057-00	2017 Compact Outlaw Exhaust 810 Vanguard	111	4	030-7044-00	5/16-18 X 1/2 HWH UNSLOT (F) tcs zinc
32	1	015-0512-00	Vanguard 25hp CXi with out Oil Filter 1" Shaft ZT Avenger	115	1	033-2010-00	3-3/4" Motor Pulley
32.1	2	015-0077-01	Exhaust Gasket	134	1	041-6400-00	Pump Belt
32.2	2	015-8000-00	Spark Plug	136	1	042-6030-00	1/4 X 1 SQ MACHINERY KEY 1018 STL PLN
32.3	1	063-1000-00	pre-Cleaner for Vanguard CXi Engine	138	1	043-8930-98	2023 Battery Hold Down Assembly Strap
32.4	1	063-1005-00	Air Filter for Vanguard CXi Engine	138.1	1	043-8930-00	2023 Rubber Battery Hold Down Strap
32.5	1	063-6000-00	Universal Inline Fuel Filter	138.2	1	043-8931-00	Battery Tray
32.6	1	063-8018-00	Oil Filter	152	1	064-0030-00	24 inch Black Cable - MZ/ZT
36	1	018-0007-21	7/16-20x3" Hex Bolt GR 8 W/ Patch	155	1	064-5300-00	24" Red Battery Cable
38	4	018-0017-00	Torx Bolt-Exhaust	156	1	064-5301-00	12 in red battery cable
43	3	018-1075-00	3/8-16 X 1-1/8 HEX WASHER UNSLOT SERRATED (TRI-LOB) TRS ZINC YELLOW	160	1	068-8049-00	SP-35 Battery
66	2	018-8052-00	1/4-20 X 3/4 HEX CAP SCREW (GR.5) ZINC	162	1	070-0055-00	Clutch
67	1	018-8059-00	5/16-18 X 1-3/4 HEX CAP SCREW (GR.5) ZINC	163	1	070-2000-00	Clutch Pigtail
72	1	019-0010-00	CLUTCH WASHER	164	1	070-2301-00	2023 MZ-Avenger 54-60 Frame - Painted
85	1	019-8044-00	5/16 USS FLAT WASHER (7/8 OD) ZINC	187	1	108-0001-00	Solenoid





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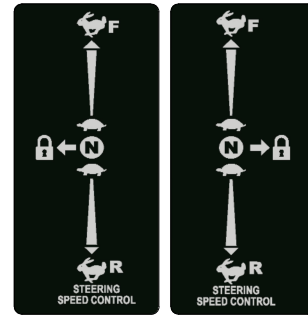
# PARTS SECTION: DECALS



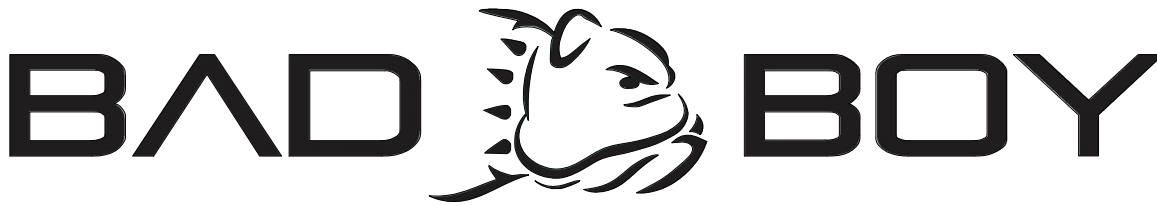
091-0338-22  
Rambler Instrument Panel Decal



091-0339-18  
2018 MZ/Magnum/ZT/MAV/Comp Out Brake Decal



091-0214-00  
2018 LH/RH Steering Control Decal Roll



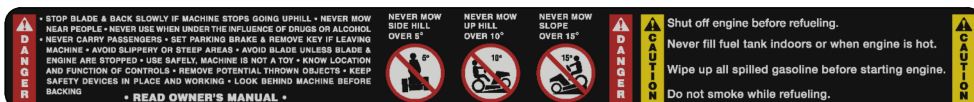
091-4063-00  
Flying Bulldog Front Bumper Decal



091-0015-23  
2023 EPA Build Date Punch Decal



091-3012-00  
Danger Decal-Spindle/Discharge



091-3150-00  
Outlaw Warning Decal



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# PARTS SECTION: DECALS



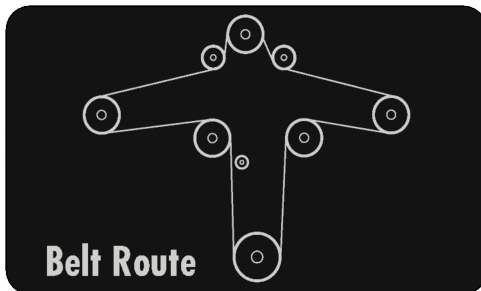
091-4077-00  
ZT Avenger 724cc Back Plate Decal



091-4060-00  
725cc ZT Decal

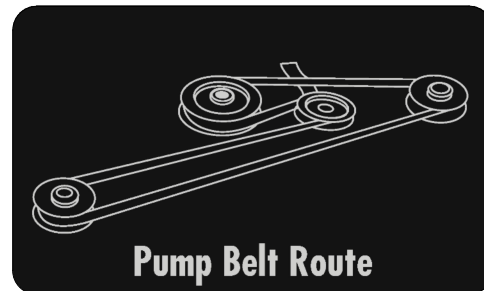


091-4078-00  
ZT Avenger 726cc Back Plate Decal



**Belt Route**

091-3309-00  
Deck Belt Route Decal



**Pump Belt Route**

091-3017-00  
Pump Belt Route Decal-Pump Plate



091-0904-18  
2018 54" Deck Decal



091-0905-18  
2018 60" Deck Decal





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