



FINISH MOWER: 5', 6', 7'

TRACTOR IMPLEMENTS OWNER'S OPERATOR SERVICE MANUAL

For additional information, please see us at

www.badboycountry.com

TO THE DEALER

Assembly, initial lubrication, and verification of proper installation of this product is the responsibility of the Bad Boy Implement dealer. Be familiar with the safety rules and instructions found in this manual. Ensure all items on the Dealer's Pre-Delivery and Delivery Checklists in this manual are completed before releasing the cutter to the new owner. ***This cutter is sent from the factory without gearbox oil in the gearbox, or grease in the tailwheel.***

TO THE OWNER

Note: Anyone who operates your Bad Boy Cutter must first read this owner's manual. Although this cutter has been engineered with safety and reliability as the foremost concerns, there is no substitute for an informed and cautious operator. This manual should be viewed as a part of the equipment itself. If this manual is lost, destroyed, or otherwise rendered unreadable, obtain a duplicate immediately. A duplicate can be obtained online at www.badboycountry.com. As with all machinery, this cutter requires periodic maintenance and should be kept free of debris buildup. Proper care will ensure many years of dependable service. Replacement parts should only be obtained from your Bad Boy Implement dealer or through the website referenced above. Failure to utilize approved parts can be dangerous and will void the warranty.

LEA EL INSTRUCTIVO!

Si no lee Ingles, pida ayuda a alguien que si lo lea para que le traduzca las medidas de seguridad.

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SPECIFICATIONS

Category	5', 6' & 7' Finish Mower		
Sides & Mold Board Thickness	3/8"		
3-Point Hitch	Category 1-2		
Lift Attachment Brackets	1/2" Solid Welded		
Warranty	1 year limited		
Total Width 5', 6' & 7'	62 1/2"	72 1/2"	84 3/4"
Overall Height 5', 6' & 7'	37"		
Length 5', 6' & 7'	51 3/4"	64"	73"
Weight 5', 6' & 7'	632 lbs	781 lbs	931 lbs

SAFETY RULES/INFORMATION

NOTE: Safety instructions are important! While these instructions may seem lengthy or redundant, they are presented for your safety.

- Safety alerts and symbols will appear throughout the manual to indicate potential hazards. When you see any of these symbols, be aware and read the instructions and or cautions carefully. Accidents can occur when vital information is unknown or ignored.

SAFETY WORDS

- The meaning of the different signal words as defined in this standard may be explained in collateral materials. The following artwork may be used for this purpose.



DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury



WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury



CAUTION indicates a hazardous situation which, if not avoided, could result in minor or moderate injury



NOTICE is used to address practices not related to physical injury



Safety instruction (or equivalent) signs indicate specific safety-related instructions or procedures

SAFETY ALERT SYMBOLS



-Indicates the DANGER signal word.



-Indicates the WARNING signal word.



-Indicates the CAUTION signal word.



- Can indicate DANGER, WARNING, or CAUTION signal words

SAFETY RULES



TRAINING

- Almost all accidents arising from the use of equipment such as this that has resulted in injury or death would have been avoided had instructions such as these been adhered to.
- If you do not understand any part of this manual, contact your dealer for assistance.
- Dangerous situations can arise quickly. Know your controls and how to stop the engine and attachment in an emergency. Fractions of a second can be extremely important.
- Do not allow anyone to operate the equipment without first requiring them to read this manual and giving proper instruction.
- Never allow children (< 16 years of age) or untrained persons to operate the equipment.

PREPARATION

- Check that all hardware is properly installed.
- Loose clothing can become caught in moving parts. Entanglement with the rotating PTO shaft is the #1 cause of death and injury with equipment such as this. Always wear relatively tight and belted clothing to reduce this risk.
- Wear sturdy, rough-soled work shoes and protective equipment for eyes, hair, hands, hearing, and head. Wear a respirator or filter mask where appropriate.
- Make sure the cutter is properly secured, adjusted, lubricated, and in good operating condition.
- Make sure spring-activated locking pin slides freely and is seated firmly in tractor PTO spline groove.
- Connect PTO driveline directly to power unit PTO shaft. Never use adapter sleeves or adapter shafts. Adapters can cause drive-line failures.
- Before starting power unit, check drive-line guards for damage. Do not operate without replacing any damaged guards. Ensure the guards rotate freely on the drive-line. If they do not, repair or replace bearings before operating the cutter.
- Tractor must be equipped with Roll-Over Protective Structure (ROPS) or ROPS cab and seat belt. ALWAYS keep seat belt securely fastened. Falling off the tractor can, and does, result in death. Keep foldable ROPS system in 'locked up' position at all times.
- Inspect guards before use. Replace if damaged. DO NOT OPERATE the cutter without guards in place.
- Accumulation of debris can present hazards. Remove accumulated debris from the cutter and tractor before use.
- Make sure all safety decals are installed and free from damage. Replace if damaged.

- A minimum of 20% of tractor and equipment weight must be on the tractor front wheels when attachments are in transport position. Without this weight, front tractor wheels could raise up resulting in loss of steering. The weight may be attained with front wheel weights, ballast in tires or front tractor weights. Weigh the tractor and equipment, do not estimate.

OPERATION

- Do not allow bystanders in the area when operating, attaching, removing, assembling, or servicing the cutter.
- This machine is equipped with front and rear guards. DO NOT operate the machine without the guards in place.
- Never direct discharge toward people, animals, or property.
- Do not operate or transport equipment while under the influence of alcohol or drugs.
- Operate only in daylight or good artificial light.
- Keep hands, feet, hair, and clothing away from equipment while engine is running. Stay clear of all moving parts.
- Always comply with all state and local lighting and marking requirements.
- **NEVER ALLOW RIDERS ON POWER UNIT OR CUTTER!**
- Always sit in the tractor seat when operating controls or starting engine. Securely fasten seat belt, place transmission in neutral, engage brake, and ensure all other controls are disengaged before starting tractor engine.
- Operate tractor PTO at 540 RPM. Do not exceed 540 RPM.
- Do not operate PTO during transport.
- Look down and to the rear and make sure area is clear of people, animals, property, or foreign objects before operating in reverse. Children often do not understand the severity of the potential danger. A major portion of mower/cutter accidents involve children being ran over during reverse operation of the mower/cutter.
- Do not operate or transport on steep slopes.
- Do not stop, start, or change directions suddenly on slopes.
- Use extreme care and reduce ground speed on slopes and rough terrain.
- Watch for hidden hazards on the terrain during operation.
- Stop tractor unit and equipment immediately upon striking an obstruction. Turn off engine, remove key, inspect, and repair any damage before operation resumes.
- Leak down or failure of mechanical or hydraulic system can cause equipment to drop.
- Make certain all movement of equipment components has stopped before exiting the tractor.

MAINTENANCE

- Before performing any service or maintenance, disconnect drive-line from tractor PTO.
- Before working underneath the equipment, disconnect drive-line, raise cutter, and block cutter securely. Hydraulic system leak down and failure of mechanical or hydraulic system can cause equipment to drop.
- Do not allow bystanders in the area when operating, attaching, removing, assembling, or servicing equipment.
- Keep all persons away from operator control area while performing adjustments, service, or maintenance.
- Do not modify or alter (or permit anyone else to modify or alter) the equipment or any of its components in any way.
- Always wear relatively tight and belted clothing to avoid getting caught in moving parts. Wear sturdy, rough-soled work shoes and protective equipment for eyes, hair, hands, hearing, and head.
- Make certain all movement of equipment components has stopped before approaching for service.
- Frequently check blades. They should be sharp, free of nicks and cracks, and securely fastened.
- Do not handle blades with bare hands. Always use gloves. Careless or improper handling may result in serious injury.
- Your dealer can supply genuine replacement blades. Substitute blades may not meet original equipment specifications and may be dangerous.
- Check that the cotter pin and roll pin (gearbox output shaft and through the top of the tail-wheel shaft) are installed securely to ensure equipment is in a safe condition before placing cutter into service.

STORAGE

- Keep children and bystanders away from storage area.
- Disconnect cutter driveshaft and secure up and off the ground. Raise cutter with 3-point hitch. Place blocks under cutter side skirts. Lower cutter onto blocks. Disconnect cutter from tractor 3-point hitch and carefully drive tractor away from cutter.

CHILDREN



Extremely tragic accidents can, and do, occur if the operator is not continually alert to the presence of children. Children are often attracted to machinery and the mowing activity. NEVER assume that children will remain where you last saw them.

- Keep children out of the mowing area and under the watchful care of responsible adult other than the operator.
- As this machine is capable of, and used for, cutting relatively tall grass, always be vigilant in monitoring the field ahead. Accidents in which children were obscured by tall grass and not easily seen by the operator have occurred with equipment of this type. The results are often life shattering for all involved. Be constantly aware during operation!
- Immediately turn the equipment off if a child enters the area.
- Never allow children to operate the equipment (<16 years of age).
- Use extra care when approaching blind corners, shrubs, trees, or other objects that may block your

GENERAL INFORMATION

WARNING

The purpose of this manual is to assist you in operating and maintaining your cutter. Read it carefully. It furnishes information and instructions that will help you achieve years of dependable performance. These instructions are the product of extensive field experience, engineering data, accident reports, and statistical data. Although some information may be general in nature due to unknown and varying operating conditions, through experience and adherence to these instructions, you should be able to develop sound operating procedures suitable to your particular situation. The illustrations and data used in this manual were current at the time of printing, but due to possible running changes, your machine may vary slightly in detail. Bad Boy Cutters reserves the right to redesign and change the machines as necessary without notification. Throughout this manual, references are made to right and left sides of the equipment. These directions are determined by standing behind the equipment.

Also, blade rotation is counterclockwise. This direction is as viewed from the top of the cutter.

OPERATION

The operator is responsible for the safe operation of the cutter. The operator must be properly trained. Operators should be familiar with the cutter, the tractor utilized, and all safety practices before starting operation.

This standard-duty cutter is designed for grass, weeds, and small brush. Recommended mowing speed for most conditions is between 2-5 mph.

ATTACH THE IMPLEMENT TO THE TRACTOR

CAUTION

- Attach tractor 3-point lift arms to the cutter hitch pins and secure.
- Attach tractor top link to cutter clevis. Select a top link mounting pin that will allow floating link to swing freely through the cutter A-frame bars. NOTE: You will need to adjust the top link; refer to 'Top Link Adjustment' in the next section.
- Adjust the tractor lower 3-point arm anti-sway devices to prevent cutter from swinging side- to-side during transport.

TOP LINK ADJUSTMENT

- Attach tractor top link to lowest hole provided in the tractor's top link bracket.
- Attach rear portion of tractor top link to the hole on the cutter floating link. Select a top link mounting pin that will allow the floating link to swing freely through the cutter A- frame bars.
- Raise cutter to transport position and adjust tractor top link until cutter is level in the raised position.
- If you cannot level the cutter using the lowest hole in the tractor's top link bracket, move top link to the next hole and level the cutter.

STORAGE



- Disconnect cutter driveshaft and secure up off the ground. Raise cutter with 3-point hitch. Place blocks under cutter skirt. Slowly lower the cutter onto the blocks. Disconnect the cutter from the tractor 3-point hitch and carefully drive tractor away from cutter.
- Before leaving the area, check to ensure the cutter is stable.
- Keep children and bystanders away from the storage area.

PRE-OPERATION CHECKLIST

NOTICE

OWNER/OPERATORS RESPONSIBILITY!

- Review and follow all safety rules (pages 7-11) and machine safety decals.
- Ensure the equipment is properly and securely attached to the tractor.
- Lubricate all grease fitting locations. Make sure PTO shaft slip joint is lubricated.
- Check that all hardware is properly installed and secured.
- Check that blades are sharp, secure and free of cracks.
- If using shields or guards, check that they are properly installed and in good condition. Replace if damaged.

OWNER SERVICE

The information in this section is written for operators who possess basic mechanical skills. If you need help, your dealer has trained service technicians available. For your protection, read and follow the safety information in this manual.

WARNING

- **Keep all persons away from operator control while performing adjustments, service, or maintenance.**

CAUTION

- If you do not understand any part of this manual and need assistance, see your dealer.
- Always wear relatively tight and belted clothing to avoid getting caught in moving parts. Wear sturdy, rough-soled work shoes and protective equipment for eyes, hair, hands, hearing and head.

BLOCKING METHOD

WARNING

- Before performing any service or maintenance, disconnect driveline from tractor PTO.
- Never go underneath equipment (lowered to the ground or raised) unless it is properly blocked and secured. Never place any body part underneath equipment or between moveable parts even when the engine has been turned off. Hydraulic system leak down, hydraulic system failures, mechanical failures, or movement of control levers can cause equipment to drop or rotate unexpectedly and cause severe injury or death. Follow Operator's Manual instructions for working underneath and blocking requirements or have work done by a qualified dealer.

NOTICE

To minimize the potential hazards of working underneath the cutter, follow these procedures.

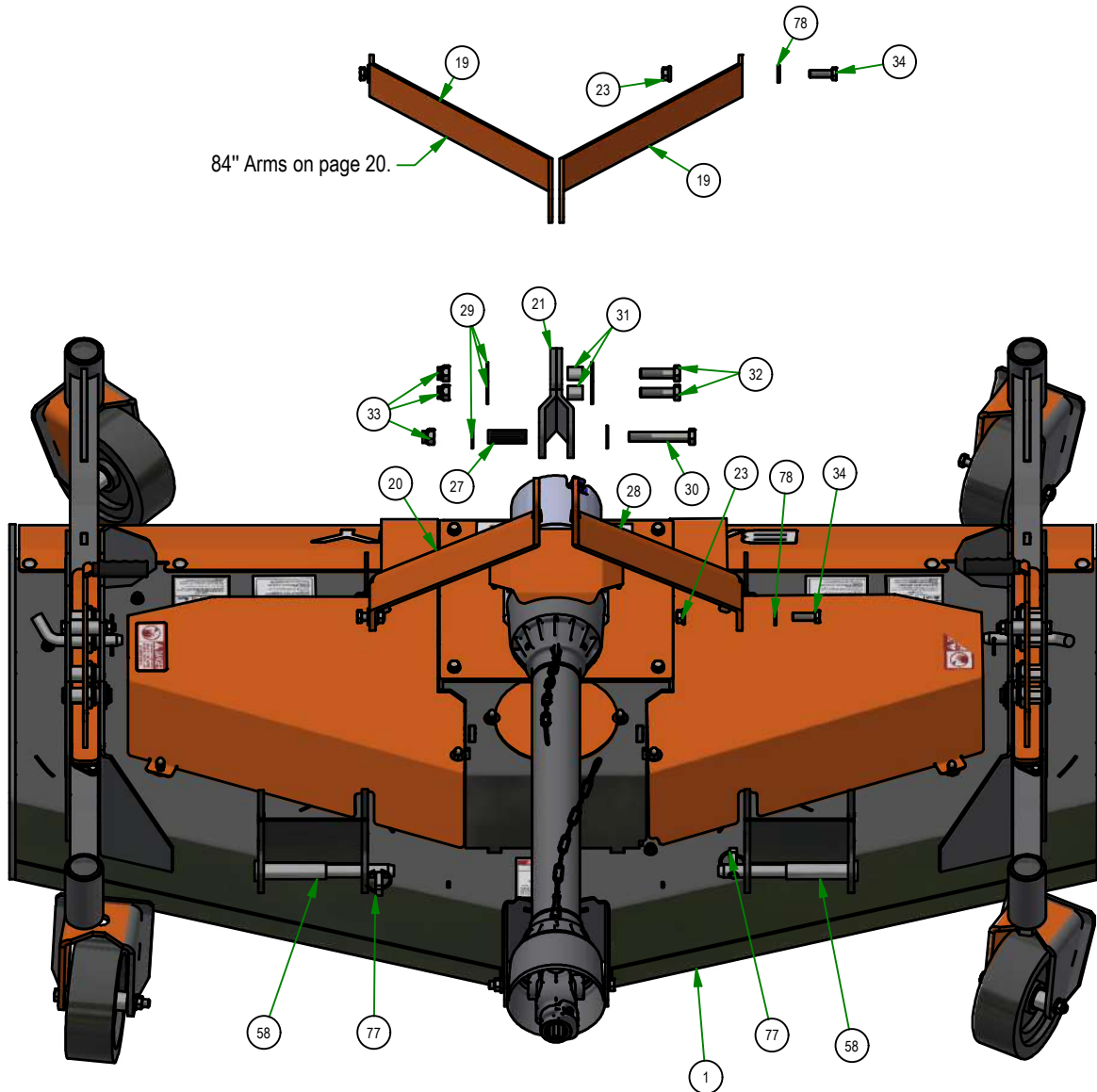
- Jack stands (4) with a load rating of at least 1000 lbs. are the only approved blocking device for this cutter. Install a minimum of four jack stands, one under each corner of the cutter before working underneath the unit. Do not position jack stands under wheels, axles, or wheel supports. Components can rotate and cause the cutter to fall.
- Consider (and check) the overall stability of the blocked unit before working underneath. The working surface must be level and solid to properly support the jack stands while they are supporting the cutter. Make sure the cutter is approximately level.

- With full cutter weight lowered onto jack stands, test the blocking stability carefully, but vigorously, to ensure its stability.
- If cutter is attached to tractor when blocking, set the brakes, remove the key, and block the cutter before working underneath. Also, securely chock the rear tractor wheels (both in front and behind) and tighten the tractor's lower 3-point arm anti-sway mechanism to prevent side-to-side movement.

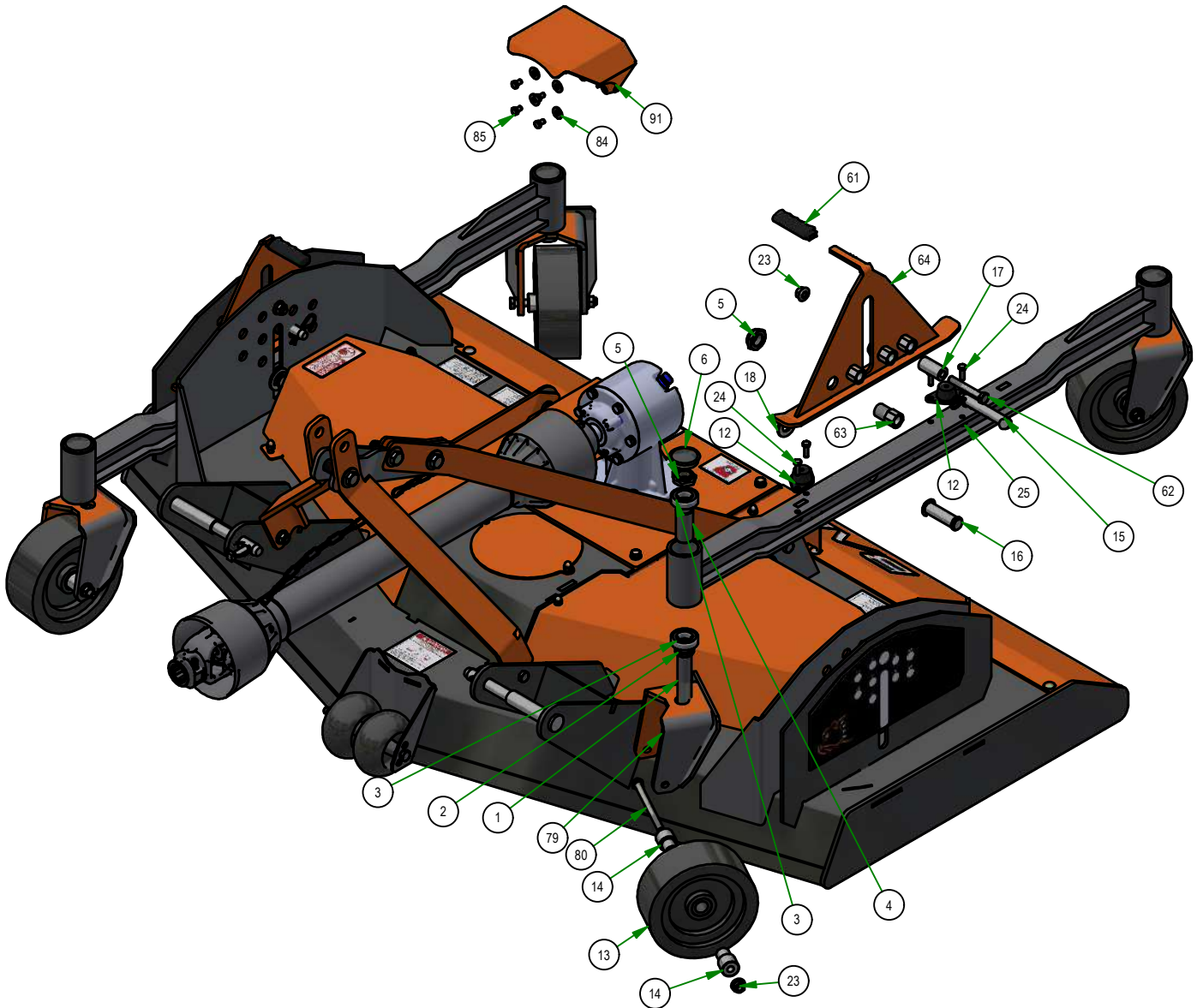
LUBRICATION

- Do not allow excess grease to collect on or around parts, particularly when operating in sandy areas.
- See figures below for lubrication points and frequency of lubrication based on normal operating conditions. Severe or unusual conditions may require more frequent lubrication.
- Use a lithium grease of #2 consistency with a MOLY (molybdenum disulfide) additive for all locations unless otherwise noted. Be sure to clean fittings thoroughly before attaching grease gun. One good pump from most guns is sufficient when the lubrication schedule is followed.

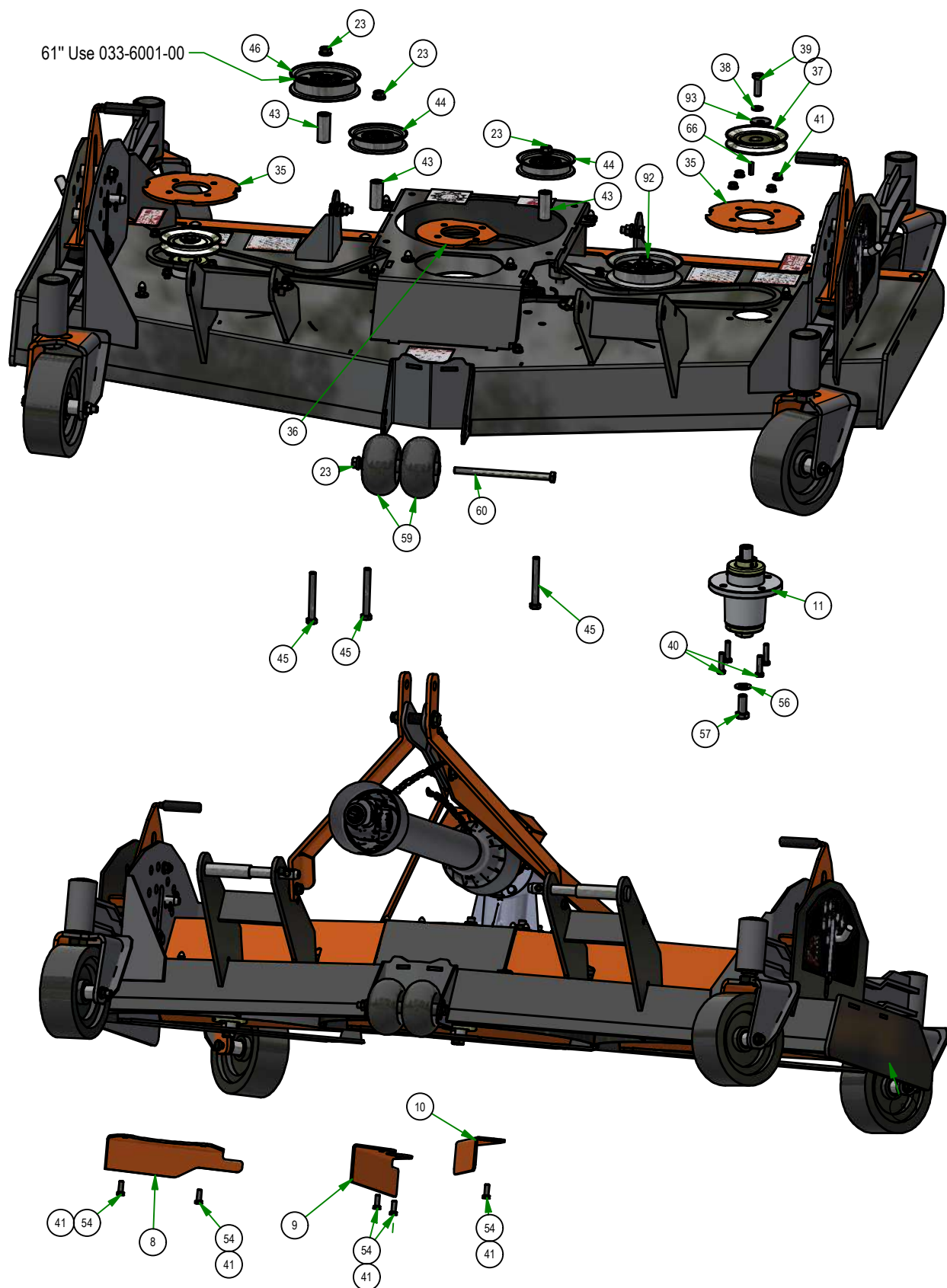
PARTS SECTION: 61",72",84" Finish Mower



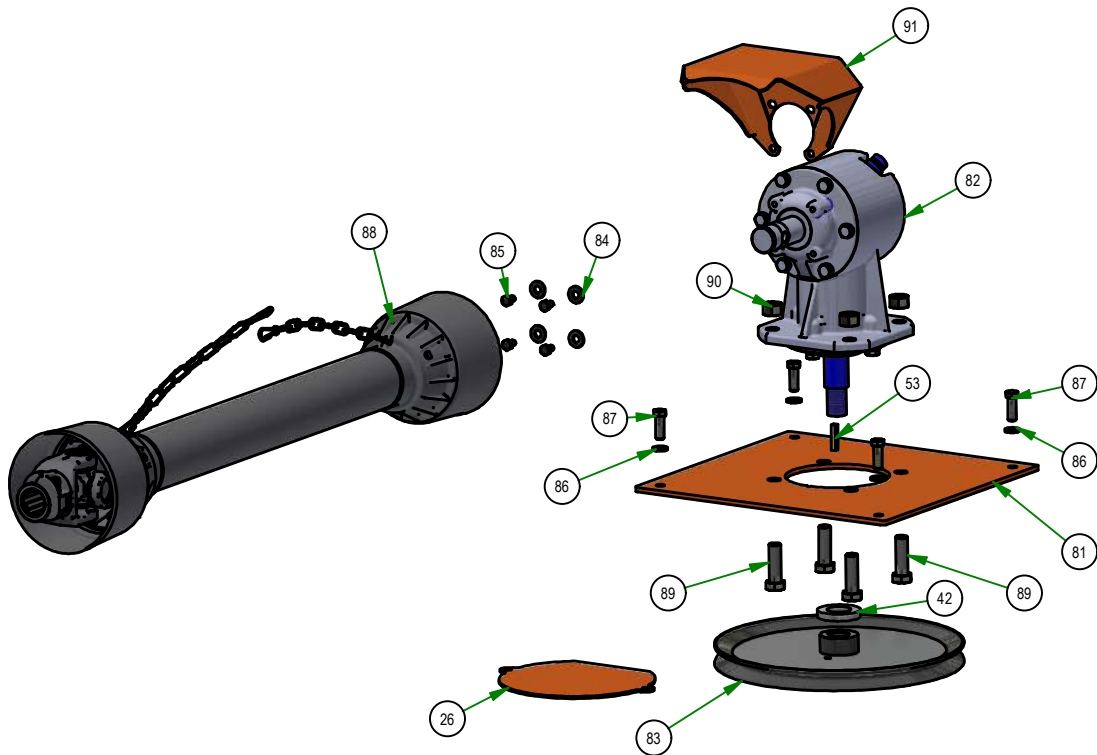
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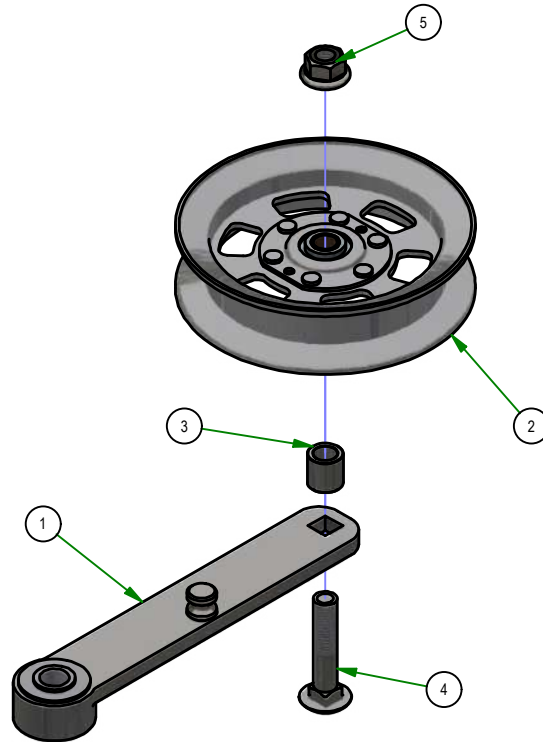
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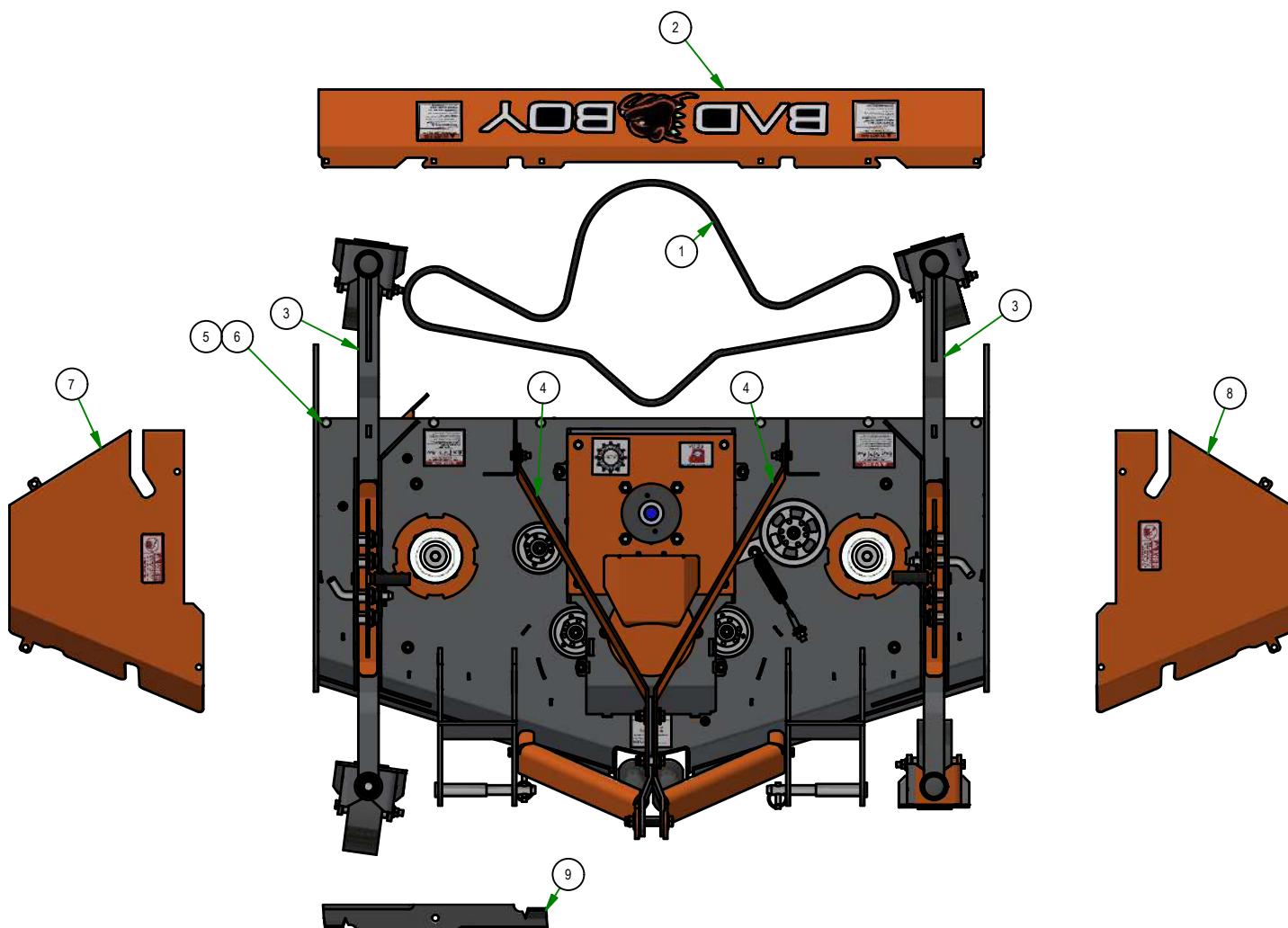
Parts List				Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION	ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	018-0005-00	1"-14 X 5 HEX CAP SCREW (GR.8) ZINC YELLOW	48	1	018-6059-00	5/8-11 X 2-1/2 HEX CAP SCREW (GR.5) ZINC
2	4	058-1000-00	1.02 ID X 1.38 OD X .250 THK SPACER ZINC	49	1	013-5301-00	5/8-11 NYLON INSERT JAM LOCKNUT ZINC
3	8	010-1050-00	1641 BEARING W/2 CONTACT RUBBER SEALS	50	1	018-2004-50	All Thread
4	4	025-0003-00	2016 Front Bearing Spacer	51	2	013-7018-00	1/2-13 HEX NUT ZINC
5	12	013-9004-00	1"-14 NYLON INSERT JAM LOCKNUT ZINC	52	1	034-2020-00	Deck Idler Spring
6	4	014-2025-00	2017 Bearing Cover	53	1	042-0011-00	1/4 X 1.375 SQ MACHINERY KEY 1018 STL PLN
7	2	339-0252-00	72" Finish Mower Caster Arm Weldment	54	6	018-6049-00	3/8-16 X 1 GR 5 Hex Bolts Zinc
8	1	326-0208-00	Finish Mower Turbo Baffle	55	6	018-5044-00	3/8-16 X 1 CARRIAGE BOLT (GR.5) ZINC
9	1	326-0209-00	Finish Mower Turbo Baffle 2	56	3	019-0009-00	5/8" Flat Washer SAE Spec Grade 8
10	1	326-0210-00	Finish Mower Turbo Baffle3	57	3	018-6020-00	5/8-18 X 1-1/2 HEX CAP SCREW (GR.8) ZINC YELLOW
11	3	037-4000-00	OUTLAW SPINDLE ASSEMBLY	58	2	340-0017-00	Cat 1-2 Draw pin
12	4	032-9003-00	250 Dampener (McMaster Carr)	59	2	022-1001-00	2019 Deck Wheel
13	4	322-0026-00	8" Solid Tire With Wheel	60	1	018-0046-00	1/2-13 X 8 HEX CAP SCREW GR 5 ZINC
14	8	325-0034-00	Wheel spacer FM	61	2	069-7000-00	Rubber Brake Grip-cZT/IT 2013
15	2	344-0004-00	3/4" Bent-Pull Clevis Pin	62	2	018-0050-00	1/2-13 X 3-1/4 HEX CAP SCREW (GR.5) ZINC
16	2	344-0005-00	.875" Clevis Pin with Retaining Ring Groove 92735A262	63	8	332-0014-00	Pin bushing
17	2	325-0033-00	Deck hight spacer 2"	64	2	339-0305-00	Finish mower Height Arm Weldment
18	2	319-0012-00	3/4" Washer 1.75"OD	65	10	013-0004-00	5/16-18 ACORN NUT HIGH-CROWN ZC
19	2	303-1027-00	Finish mower rear lift arm	66	3	042-6030-00	1/4 X 1 SQ MACHINERY KEY 1018 STL PLN
20	1	303-1039-00	Finish mower A-Arm RH	67	10	019-6050-00	.360 ID X .983 OD X .120 THICK FLAT WASHER NYLON BLACK
21	1	339-0057-00	Top link4_5_6 weldment	68	1	391-0047-00	Bad Boy With Flying Bulldog Right 32.2"
22	1	019-2040-00	1/2 F/W USS (1-3/8" OD) ZINCC	69	1	391-0030-00	5 YR Gearbox Warranty
23	15	013-8050-00	1/2-13 NYLON INSERT FLANGE LOCKNUT ZINC	70	1	391-0043-00	Rotary Rotating
24	8	018-2007-00	5/16-18 X 1 HEX CAP SCREW (GR.5) ZINC	71	2	391-0042-00	Rotary Danger Decal
25	8	013-9002-00	5/16-18 HEX SERRATED FLANGE NUT HARD/ZINC	72	2	391-0041-00	Rotary Warning
26	1	314-0035-00	Finish mower center pulley cover	73	2	091-3012-00	Danger Decal-Spindle/Discharge
27	1	325-0004-00	4,5,6 Hinge Spacer 2.5"	74	1	391-0040-00	Made in the USA
28	1	303-1040-00	Finish mower A-Arm_LH	75	1	391-0065-00	Finish Mower Height Decal LH
29	6	019-5038-00	5/8 USS FLAT WASHER (1-3/4" OD) GR.8 ZINC YELLOW	76	1	391-0066-00	Finish Mower Height Decal RH
30	1	018-5311-00	5/8-11 X 4 HEX CAP SCREW (GR.8) ZINC YELLOW	77	2	340-0014-00	7/16"x2x Lynch pin
31	2	325-0002-00	linkage_Shortspacer 1"	78	4	019-6017-00	.635 ID X 1.120 OD X .140 THICK FLAT WASHER NYLON
32	2	018-6058-00	5/8-11 X 2-1/4 HEX CAP SCREW (GR.5) ZINC	79	4	323-0006-00	Finish Mower Fork Weldment
33	3	313-0002-00	5/8-11 NYL INS L/N ZC	80	4	018-0062-00	1/2-13 X 6 HEX CAP SCREW GR 5 ZC/ROHS 2 INCH MINIMUM THREAD LENGTH
34	4	018-5006-00	1/2-13 X 1-1/2 HEX CAP SCREW (GR.5) ZINC				
35	2	026-0025-00	Deck Spindle Support Plate	81	1	326-0207-00	Finish mower gearbox plate
36	1	026-0024-00	42&48 Deck Spindle Support Plate	82	1	350-0042-00	RC-30 Keyed Shaft
37	3	033-6003-00	5" Spindle Deck Pulley	83	1	350-0043-00	13" drive pulley 1" Shaft
38	3	019-5007-00	1/2 SPLIT LOCKWASHER (GR.8) ZINC/YELLOW	84	4	019-8044-00	5/16 USS FLAT WASHER (7/8 OD) ZINC
39	3	018-6019-00	1/2-20 X 1-1/2 HEX CAP SCREW (GR.5) ZINC	85	4	018-0057-00	5/16-18 X 1/2 HEX CAP SCREW (GR.5) ZINC
40	12	018-6012-00	3/8-16 X 1-1/2 HEX CAP SCREW (GR.5) ZINC	86	4	019-8053-00	7/16 SPLIT LOCKWASHER (GR.8) ZINC YELLOW
41	24	013-5202-00	3/8-16 NYLON INSERT FLANGE LOCKNUT (GR.F) ZINC	87	4	018-0047-00	7/16-16 x 1 1/4" Hex Bolt GR 5
42	1	325-0032-00	3-8" Drive Pulley Spacer	88	1	350-0053-00	Series 5 PTO Shaft Clutched
43	3	025-0032-00	2019 Revolt Stationary Idle Spacer	89	4	318-0007-00	5/8-18 X 2 HEX C/S (GR.8) ZC/YEL
44	2	033-6001-00	4 3/4" Idler Pulley	90	4	313-0005-00	5/8-18 HEX 2-WAY REV CNTR L/N (GR.C) ZC/WX
45	3	018-5019-00	1/2-13 X 4 HEX CAP SCREW (GR.8) ZINC YELLOW	91	1	326-0247-01	Finish mower PTO cover
46	1	033-7201-25	5-3/4 Idler Pulley	92	1	039-6949-19	Maverick HD & Down Deck Idler Assembly
47	1	025-7020-00	5/8 SOLID SHAFT COLLAR (W/1 SET SCREW) ZINC	93	3	019-6020-00	1/2 Belleville Washer

PARTS SECTION: 61"/72"/84" IDLER ASSEMBLY



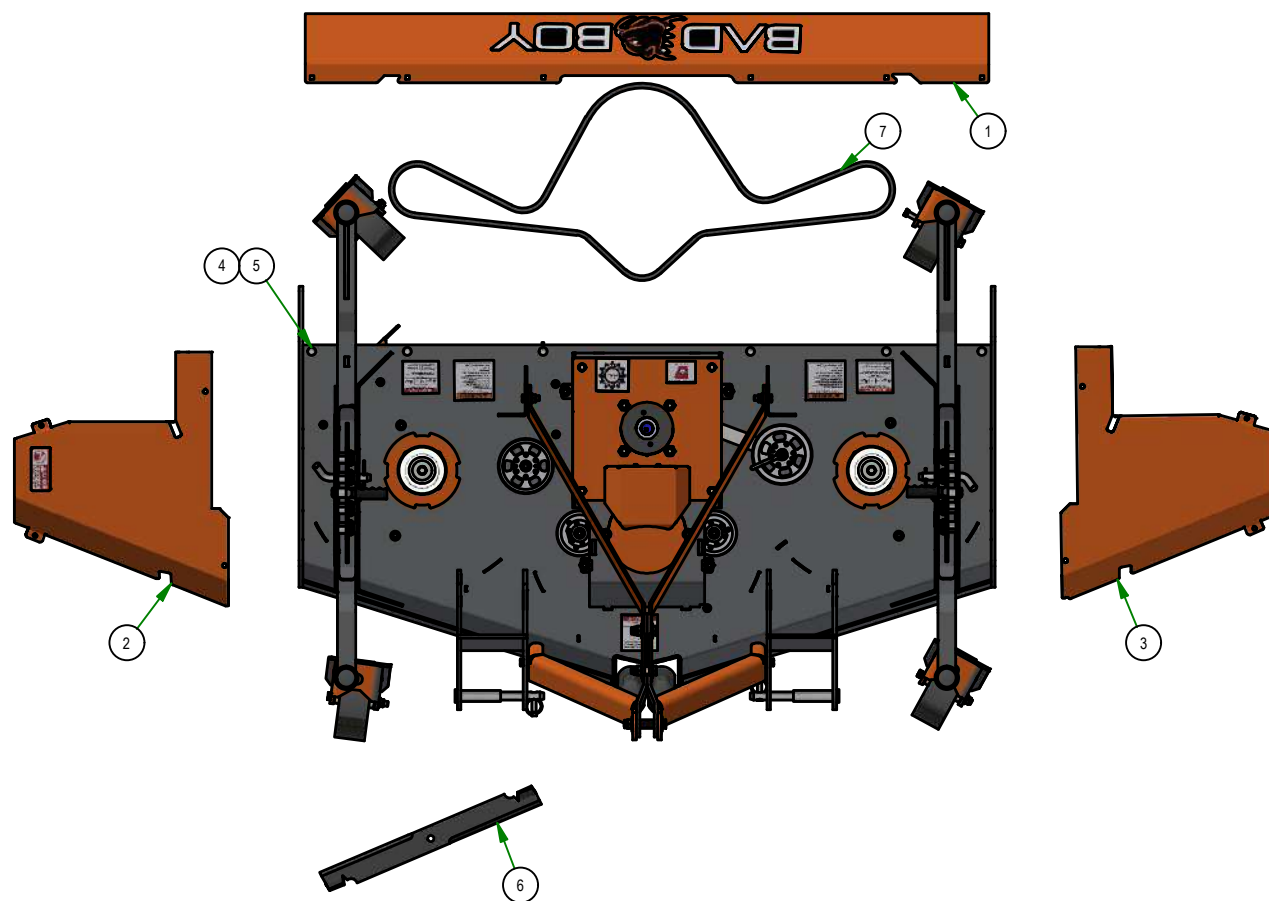
Parts List			
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1	1	039-7002-00	2025 Tensioner Arm With Bearings
2	1	033-8050-00	5" Idler Pulley
3	1	025-5203-00	.51 ID X .75 OD X .75 LGTH SOLID SPACER ZINC
4	1	018-0043-00	2 1/2 x 1/2 Carriage Bolt
5	1	013-8050-00	1/2-13 NYLON INSERT FLANGE LOCKNUT ZINC

PARTS SECTION: 61" Finish Mower



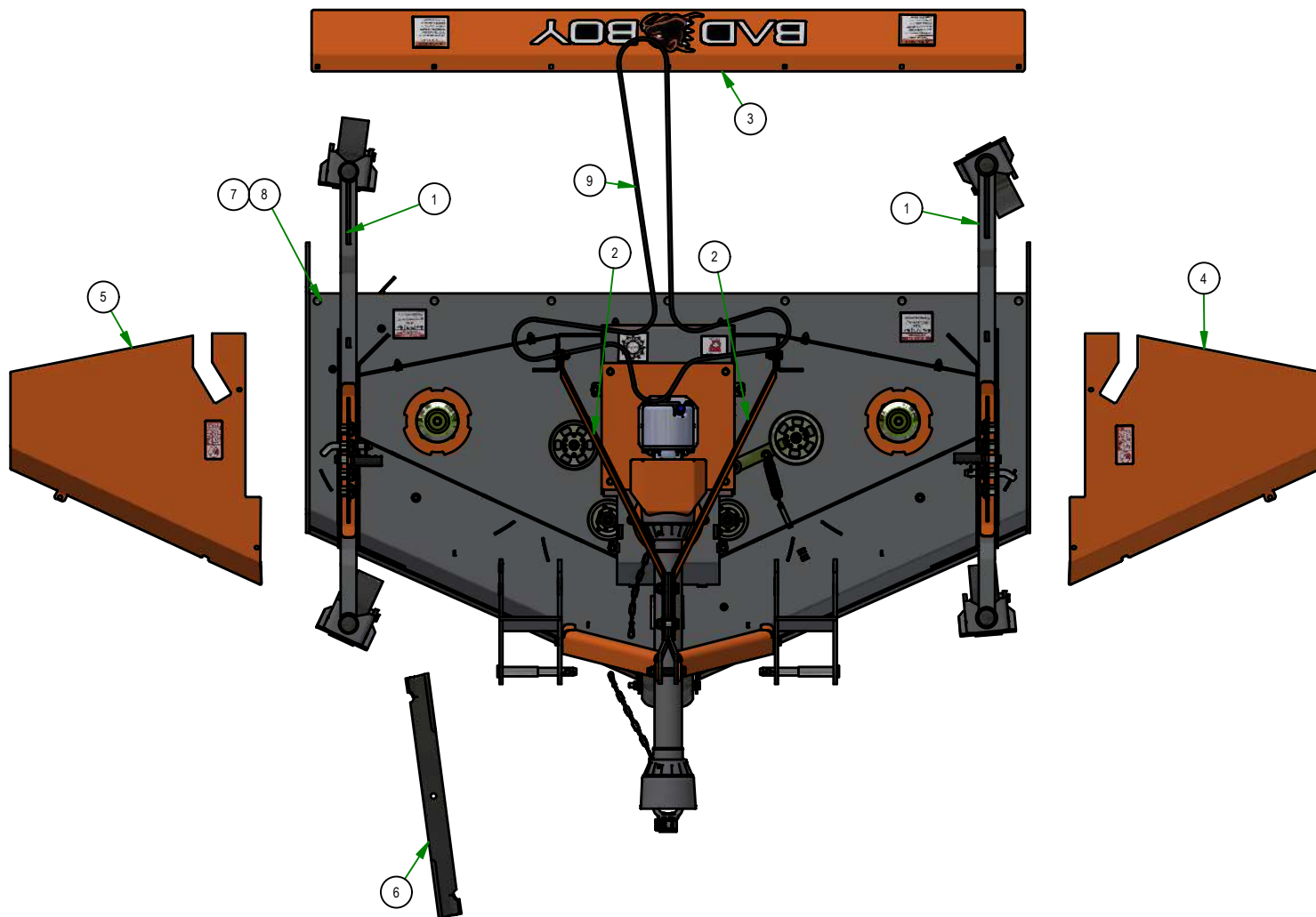
Parts List				Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION	ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	341-0002-00	61 Finish Mower Belt	6	6	018-5044-00	3/8-16 X 1 CARRIAGE BOLT (GR.5) ZINC
2	1	326-0245-01	61 Finish mower rear discharge plate	7	1	326-0252-01	61 Finish mower pulley cover RH
3	2	339-0252-00	72" Finish Mower Castor Arm Weldment	8	1	326-0253-01	61 Finish mower pulley cover LH
4	2	303-1027-00	Finish mower rear lift arm	9	3	038-6080-00	61" High Lift Fusion Blade
5	24	013-5202-00	3/8-16 NYLON INSERT FLANGE LOCKNUT (GR.F) ZINC				

PARTS SECTION: 72" Finish Mower



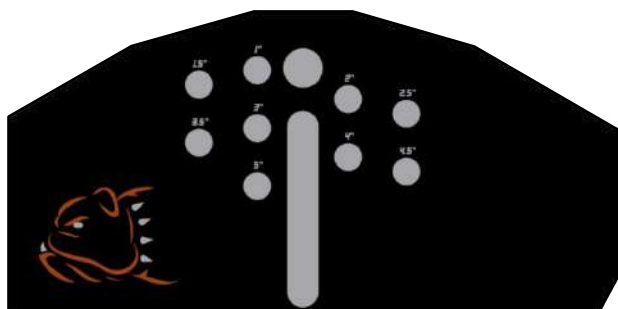
Parts List				Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION	ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	326-0206-00	72 Finish mower rear discharge plate	5	6	018-5044-00	3/8-16 X 1 CARRIAGE BOLT (GR.5) ZINC
2	1	314-0039-00	72 finish mower Pulley cover RH	6	3	038-7230-00	72" High Lift Fusion Blade
3	1	314-0038-00	72 finish mower Pulley cover LH	7	1	341-0001-00	Belt 126" B
4	24	013-5202-00	3/8-16 NYLON INSERT FLANGE LOCKNUT (GR.F) ZINC				

PARTS SECTION: 84" Finish Mower

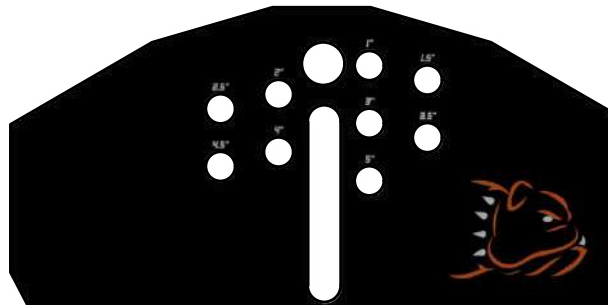


Parts List				Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION	ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	339-0386-00	84 Caster Arm Weldment	6	3	338-0042-00	28.75" High Lift Fusion Blade 84"
2	2	303-1043-00	84 Finish mower rear lift arm	7	25	013-5202-00	3/8-16 NYLON INSERT FLANGE LOCKNUT (GR.F) ZINC
3	1	326-0272-00	84 Finish mower rear discharge plate	8	7	018-5044-00	3/8-16 X 1 CARRIAGE BOLT (GR.5) ZINC
4	1	326-0270-00	84 Finish Mower Pulley Cover LH	9	1	041-4022-00	B138 Belt
5	1	326-0271-00	84 Finish Mower Pulley Cover RH				

PARTS SECTION: 61",72",84" Finish Mower



391-0065-00
Finish Mower Height Decal LH



391-0066-00
Finish Mower Height Decal RH



391-0043-00
Rotary Rotating



091-3012-00
Danger Decal-Spindle/Discharge



391-0042-00
Rotary Danger Decal



391-0041-00
Rotary Warning



391-0040-00
Made in the USA



391-0030-00
5 YR Gearbox Warranty



391-0047-00
Bad Boy With Flying Bulldog Right 32.2"

FASTENER TORQUE CHART

NOTICE

Torque values given in the below text assume an unlubricated fastener. If using a lubricated fastener, reduce the torque (given in the previous text) by 25%.

Torque Values Chart for Common Bolt Sizes

Bolt Size (Inches) in-tpi ¹	Bolt Head Identification					
	Grade 2		Grade 5		Grade 8	
	N · m ²	ft-lb ³	N · m	ft-lb	N · m	ft-lb
1/4" - 20	7.4	5.6	11	8	16	12
1/4" - 28	8.5	6	13	10	18	14
5/16" - 18	15	11	24	17	33	25
5/16" - 24	17	13	26	19	37	27
3/8" - 16	27	20	42	31	59	44
3/8" - 24	31	22	47	35	67	49
7/16" - 14	43	32	67	49	95	70
7/16" - 20	49	36	75	55	105	78
1/2" - 13	66	49	105	76	145	105
1/2" - 20	75	55	115	85	165	120
9/16" - 12	95	70	150	110	210	155
9/16" - 18	105	79	165	120	235	170
5/8" - 11	130	97	205	150	285	210
5/8" - 18	150	110	230	170	325	240
3/4" - 10	235	170	360	265	510	375
3/4" - 16	260	190	405	295	570	420
7/8" - 9	225	165	585	430	820	605
7/8" - 14	250	185	640	475	905	670
1" - 8	340	250	875	645	1230	910
1" - 12	370	275	955	705	1350	995
1-1/8" - 7	480	355	1080	795	1750	1290
1 1/8" - 12	540	395	1210	890	1960	1440
1 1/4" - 7	680	500	1520	1120	2460	1820
1 1/4" - 12	750	555	1680	1240	2730	2010
1 3/8" - 6	890	655	1990	1470	3230	2380
1 3/8" - 12	1010	745	2270	1670	3680	2710
1 1/2" - 6	1180	870	2640	1950	4290	3160
1 1/2" - 12	1330	980	2970	2190	4820	3560

Bolt Size (Metric) mm x pitch ⁴	Bolt Head Identification					
	5.8		8.8		10.9	
	Class 5.8		Class 8.8		Class	
	N · m	ft-lb	N · m	ft-lb	N · m	ft-lb
M 5 X 0.8	4	3	6	5	9	7
M 6 X 1	7	5	11	8	15	11
M 8 X 1.25	17	12	26	19	36	27
M 8 X 1	18	13	28	21	39	29
M10 X 1.5	33	24	52	39	72	53
M10 X 0.75	39	29	61	45	85	62
M12 X 1.75	58	42	91	67	125	93
M12 X 1.5	60	44	95	70	130	97
M12 X 1	90	66	105	77	145	105
M14 X 2	92	68	145	105	200	150
M14 X 1.5	99	73	155	115	215	160
M16 X 2	145	105	225	165	315	230
M16 X 1.5	155	115	240	180	335	245
M18 X 2.5	195	145	310	230	405	300
M18 X 1.5	220	165	350	260	485	355
M20 X 2.5	280	205	440	325	610	450
M20 X 1.5	310	230	650	480	900	665
M24 X 3	480	355	760	560	1050	780
M24 X 2	525	390	830	610	1150	845
M30 X 3.5	960	705	1510	1120	2100	1550
M30 X 2	1060	785	1680	1240	2320	1710
M36 X 3.5	1730	1270	2650	1950	3660	2700
M36 X 2	1880	1380	2960	2190	4100	3220

¹ in-tpi = nominal thread dia. in inches-threads per inch

² N · m = newton-meters

³ ft-lb = foot pounds

⁴ mm x pitch = nominal thread dia. in millimeters x thread pitch

Torque tolerance + 0%, -15% of torquing values. Unless otherwise specified use torque values listed above.

DEALER'S CHECKLISTS

PRE-DELIVERY CHECK LIST

It is the dealer's responsibility to fully assemble and inspect the cutter before the customer takes delivery of the unit. The following check list is provided as a memory aid to ensure all points are inspected. Check off the items below as they are completed.

- _____ Check the torque of all bolts to be sure they meet the values given in the Fastener Torque Chart (pg. 24).
- _____ Check that the cotter pin is properly secured.
- _____ Check the PTO shaft for proper installation.
- _____ Check that the gearbox is properly filled with gear oil and that no seals are leaking.
- _____ Grease all lubrication points as shown in Lubrication (pgs. 14-15).
- _____ Check that blades have been properly installed. The cutting edge should lead in a counterclockwise motion when viewed from above.

DELIVERY CHECKLIST

- _____ Explain the importance of periodic inspections and lubrication to the customer.
- _____ Present the Owner's Manual to the customer and request that the customer and all other users read the material before operation. Explain the importance of the safety rules.
- _____ Explain the importance of front ballasts. This unit weighs 4ft/425 5ft/500 6ft/892 pounds; the customer needs to weigh the tractor and equipment to ensure at least 20% of the total weight is on the tractor's front wheels.
- _____ Explain that if the unit is transported on or along a roadway, safety devices (such as reflector decals) should be utilized in order to alert motorists of the equipment's presence.

NOTICE

- **The gearbox was not filled with gear oil at the factory. It must be filled before the cutter can be placed into service (see Lubrication, pg. 14). Failure to fill the gearbox with the proper quantity of gear oil will result in damage to the gearbox.**

WARRANTY

OWNER/OPERATOR'S RESPONSIBILITY

It is the owner and/or operator's responsibility to read the owner's manual before use.

Failure to read the owner's manual is considered a misuse of this equipment.

It is the owner and/or operator's responsibility to inspect the product and to have any part(s) repaired or replaced before continued operation. Failure to do so could cause damage, excessive wear to other parts, or jeopardize operator safety.

LIMITED WARRANTY

Bad Boy Implements warrants to the original purchaser of any new Bad Boy Implement(s) that the equipment be free from defects in material and workmanship for a period of one (1) year from date of retail sale.

At Bad Boy Implements request, the customer will make the defective part available for inspection by Bad Boy Implements and/or return the defective part to Bad Boy Implements. Transportation charges prepaid.

WHAT THIS WARRANTY DOES NOT COVER:

This warranty does not cover defects caused by depreciation or damage caused by wear, accidents, improper maintenance, improper use or abuse of the product, alterations, or failure to follow the instructions contained in the Owner's Manual for operation and maintenance.

Normal maintenance service and consumable items such as gearbox lubricant, blades, tire, or normal deterioration of exterior finish due to use or exposure.

Bad Boy Implements will not be responsible for the pickup and delivery of a machine for warranty purposes or inspection.



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