

ZTCS92 7405407RU Ver1

TABLE OF CONTENTS

15_Label	4
28_Front Covers	7
24_Covers and Pads Parts	9
21_Frame, Operator Area	11
21_Chassis	13
21_Frame, Chassis	15
22_Battery Cover Assembly	17
23_Tower Assembly	19
39_Lighting	22
33_Wire Harness Assembly	24
32_Controller Busbar	26
32_Blade Controller	28
32_Drive Controllers and Fuses	30
35_Switches and Meters and GPS	32
32_Controller Mounting Plate	34
31_Battery and Charger Parts	37
41_Deck, Motors and Blades	40
43_Discharge Chute	42
45_Decklift Assembly	44
45_Decklift Mounting	47
42_Deck Assembly	50
51_Wheels	53
55_Drive Motors	55
63_Control Arm Assembly	58
64_RH/LH Control Arm Pivot	60

10_Label components

15_Label



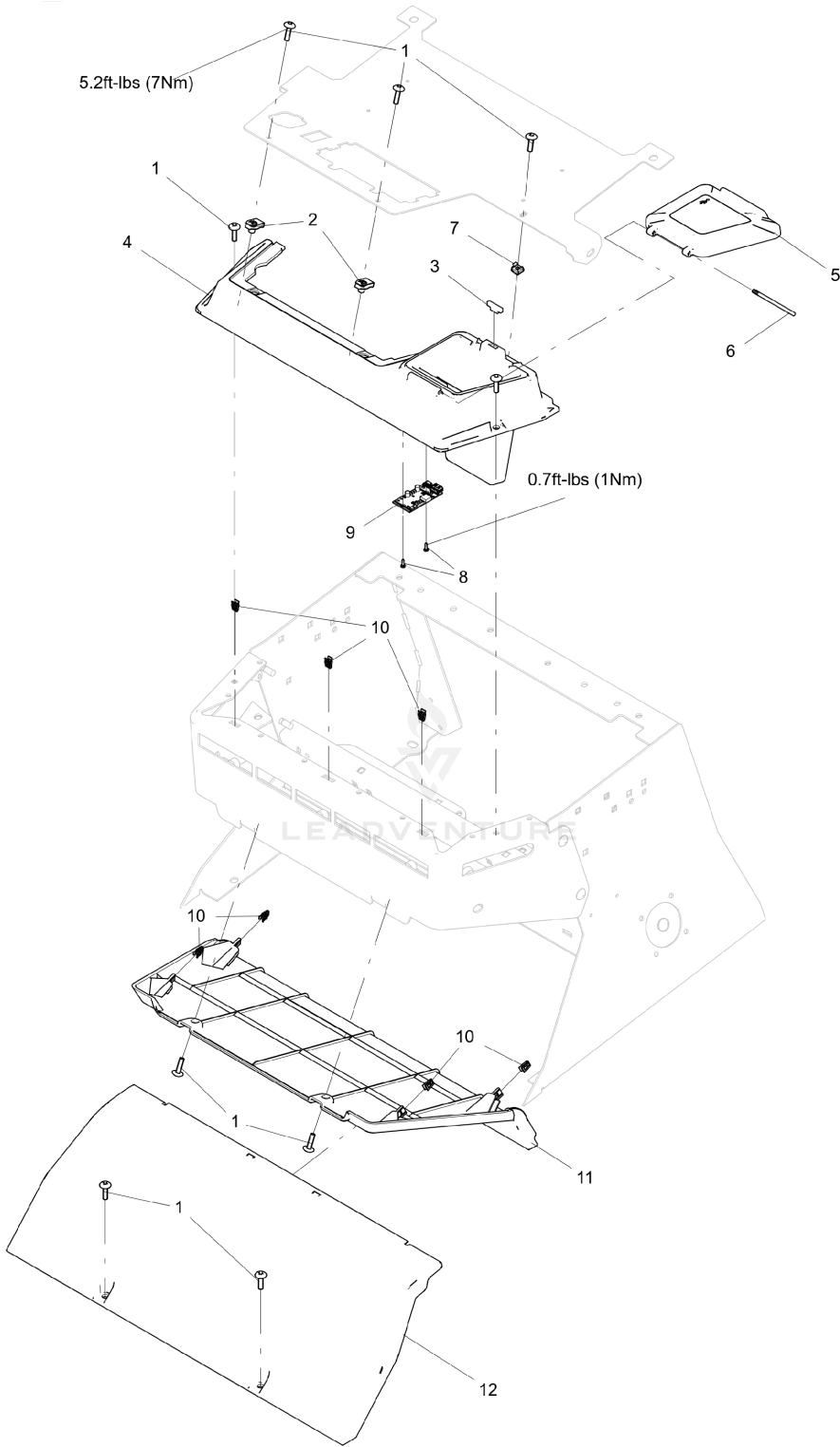
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15_Label

Ref Number	Part Number	Part Description	Context Notes	Quantity
1	R0105765-00	Data Label, Model ZTCS92_7405407		1
2	R0105766-00	Deck Height Label		1
3	R0213062-00	Warning Icon Label of Stand		1
4	R0105674-00	Key Label		1
5	R0212460-00	Do Not Stand Label		1
6	R0104105-00	Warning Label, Keep H/F Away		1
7	R0105672-00	Warning Label, IPX4		1
8	R0213064-00	Warning Label, Electromagnetic Brake		1
9	R0206274-00	GWC ETO Label		1
10	R0105673-00	Label, APP Pairing Code		1
10	R0206275-00	Label, Optimus Z		1
12	R0206748-00	Warning Label, Footboard		1
13	R0209511-00	GND Warning Label		1
14	R0209512-00	Warning Label, Service Switch		1
15	R0209630-00	Label, Maintenance Switch Position		1
16	R0105676-00	Label, SN (CN)		1
17	R0105677-00	Matching label, SN		1
18	R0212401-00	Warning Label, No Standing		1
19	R0105678-00	Manufacturing Date Label		1

20_Body and Structures System

28 Front Covers

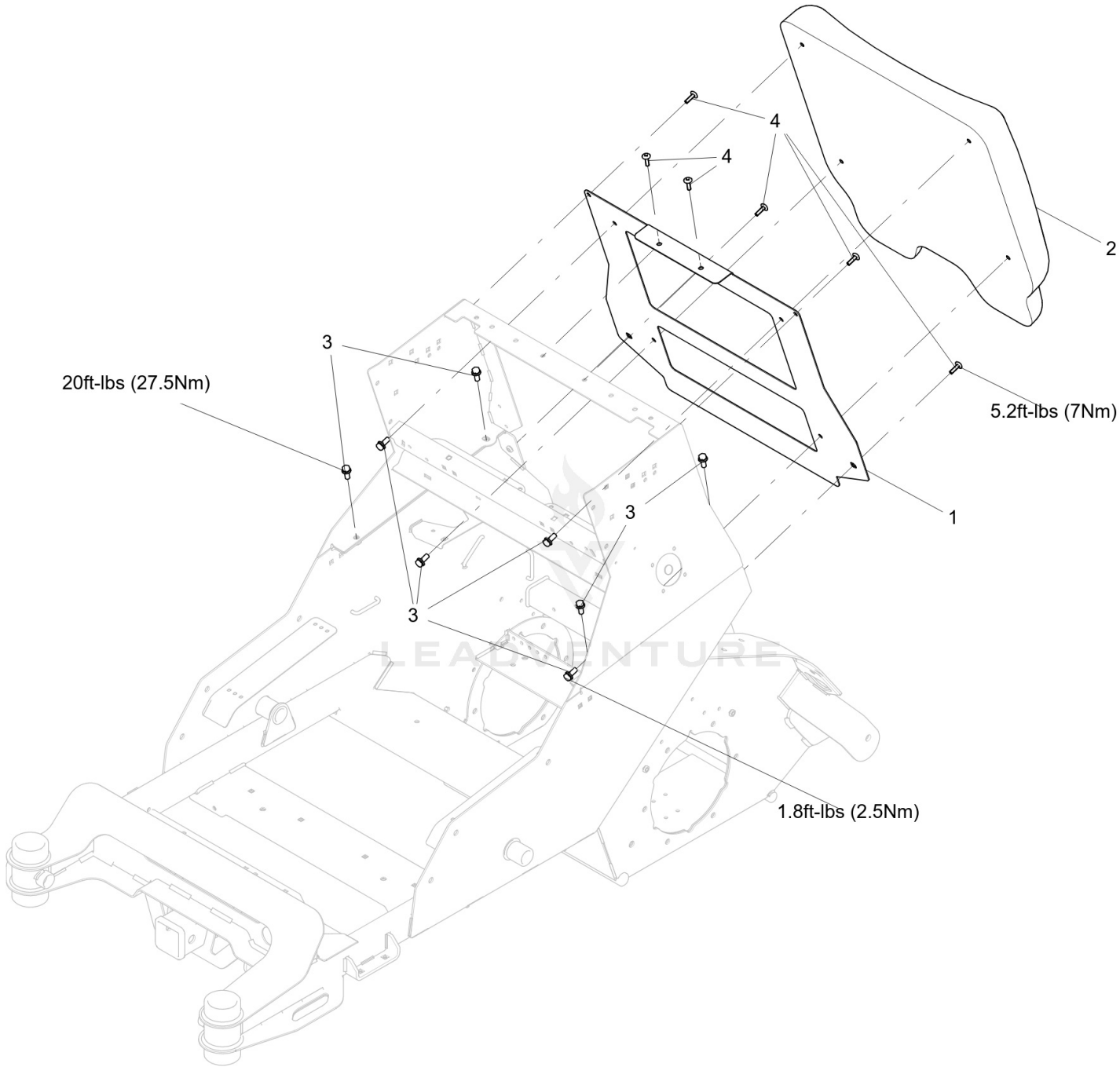


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28_Front Covers

Ref Number	Part Number	Part Description	Context Notes	Quantity
1	R0205232-00	Pan Head Screws, M6×20		9
2	R0201314-00	Nut, Clip-on M6		2
3	R0205335-00	Magnet		1
4	R0205991-00	Cover Piece		1
5	R0205334-00	Clamshell Assembly		1
6	R0205430-00	Rotating Shaft		1
7	R0208212-00	Nut, Clip-On M6		1
8	R0205189-00	Phillips, ST2.9X9.5		2
9	R0205079-00	USB Type A + C		1
10	R0202010-00	Trim Clip		7
11	R0207482-00	Cover Piece		1
12	R0207483-00	Cover Piece		1

24_Covers and Pads Parts

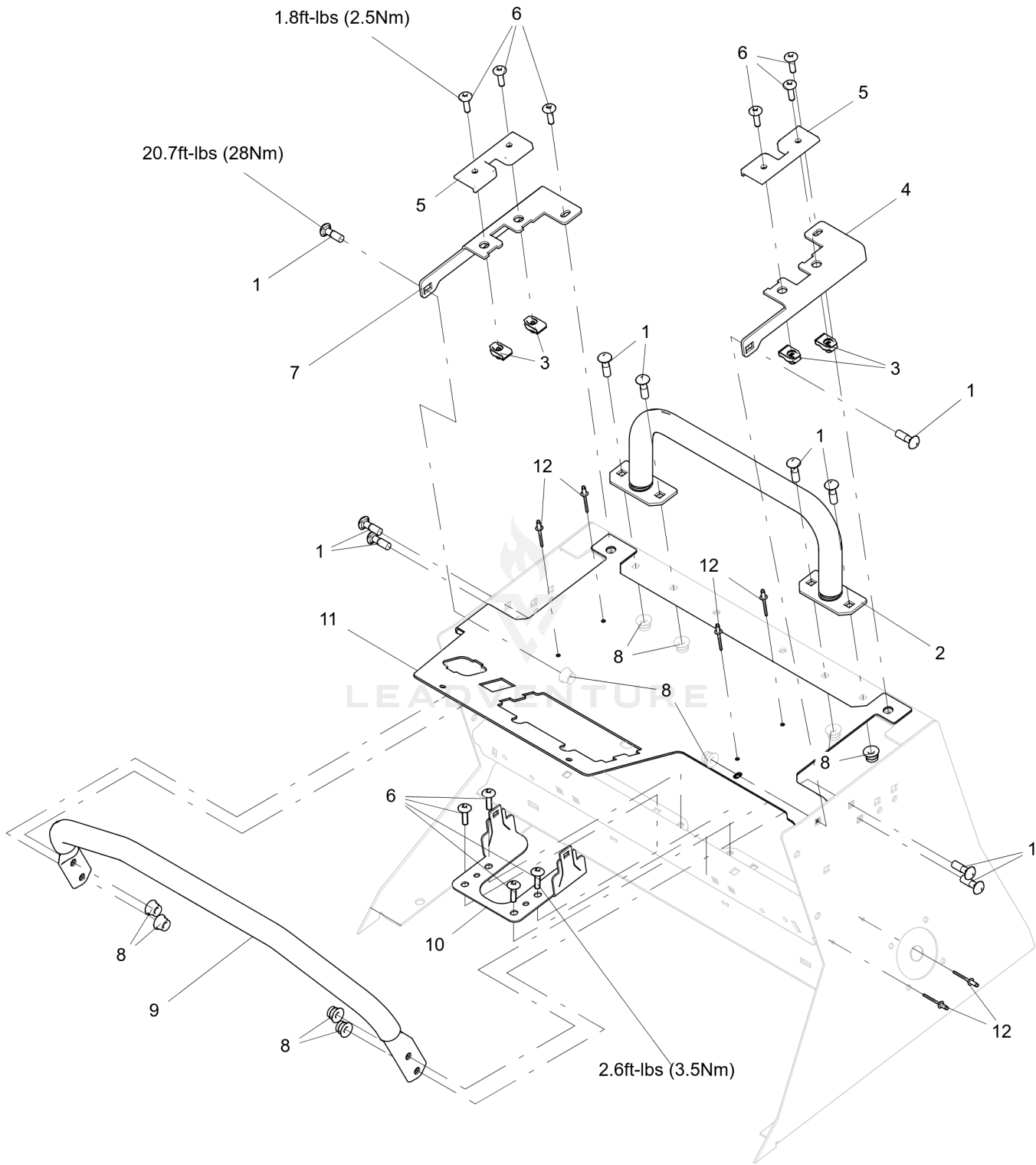


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24_Covers and Pads Parts

Ref Number	Part Number	Part Description	Context Notes	Quantity
1	R0207242-00	Mounting Plate		1
2	R0207241-00	Cushion		1
3	R0200534-00	Bolt, Hex With Washers M8×20		8
4	R0205232-00	Pan Head Screws, M6×20		6

21 Frame, Operator Area

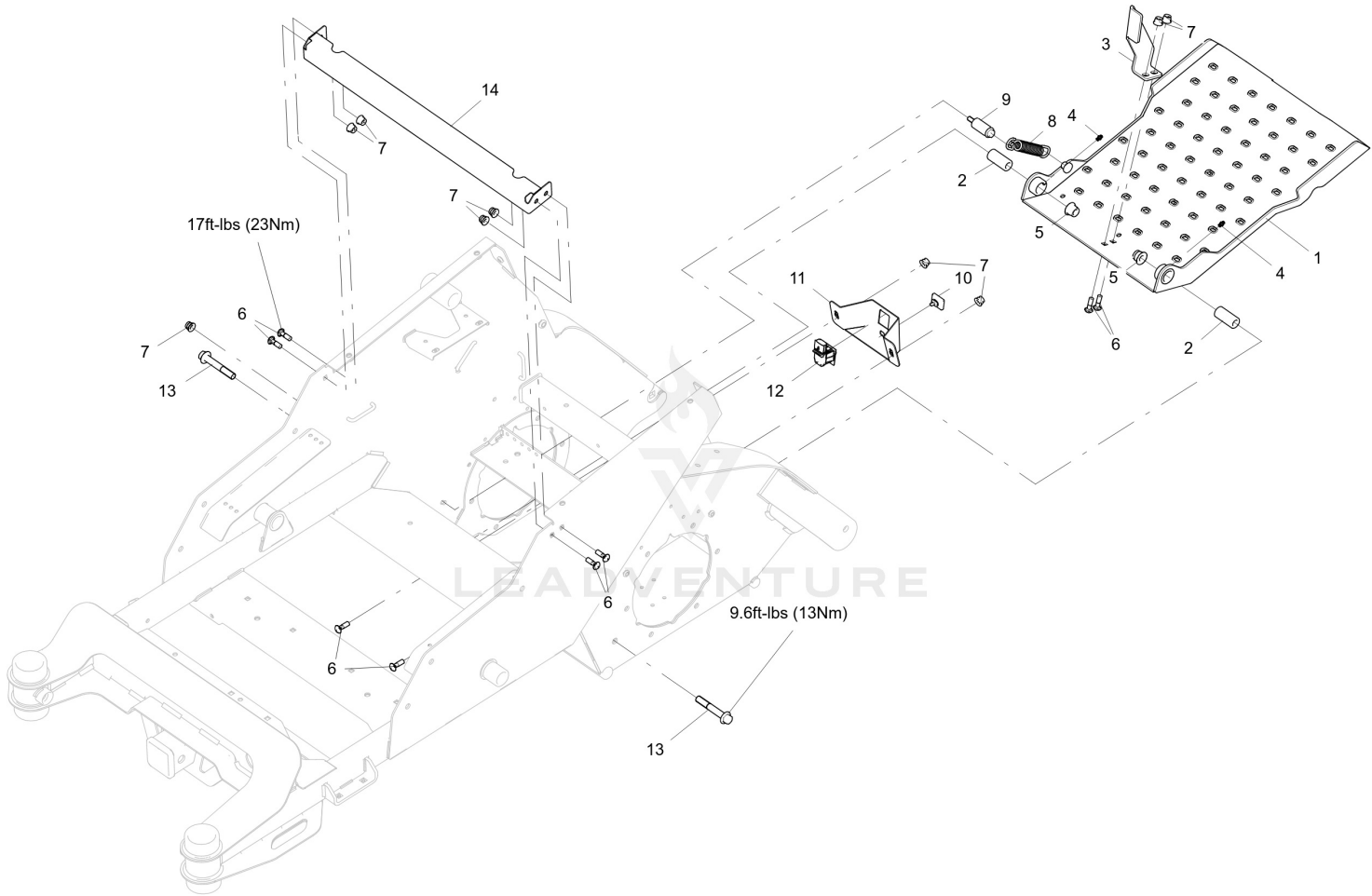


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21_Frame, Operator Area

Ref Number	Part Number	Part Description	Context Notes	Quantity
1	R0200527-00	Carriage Bolt, M8×25		10
2	R0205225-00	Stop Bar, Rearward		1
3	R0201314-00	Nut, Clip-on M6		4
4	R0207226-00	Left Bracket		1
5	R0207403-00	Limit Plate		2
6	R0205232-00	Pan Head Screws, M6×20		10
7	R0207227-00	Right Bracket		1
8	R0200496-00	Locking Flange Nut, M8		10
9	R0206115-00	Iron Pipe, Φ22×2		1
10	R0213408-00	Bracket		1
11	R0207225-00	Panel		1
12	R0205084-00	Rivet, Φ 4×8		6

21_Chassis

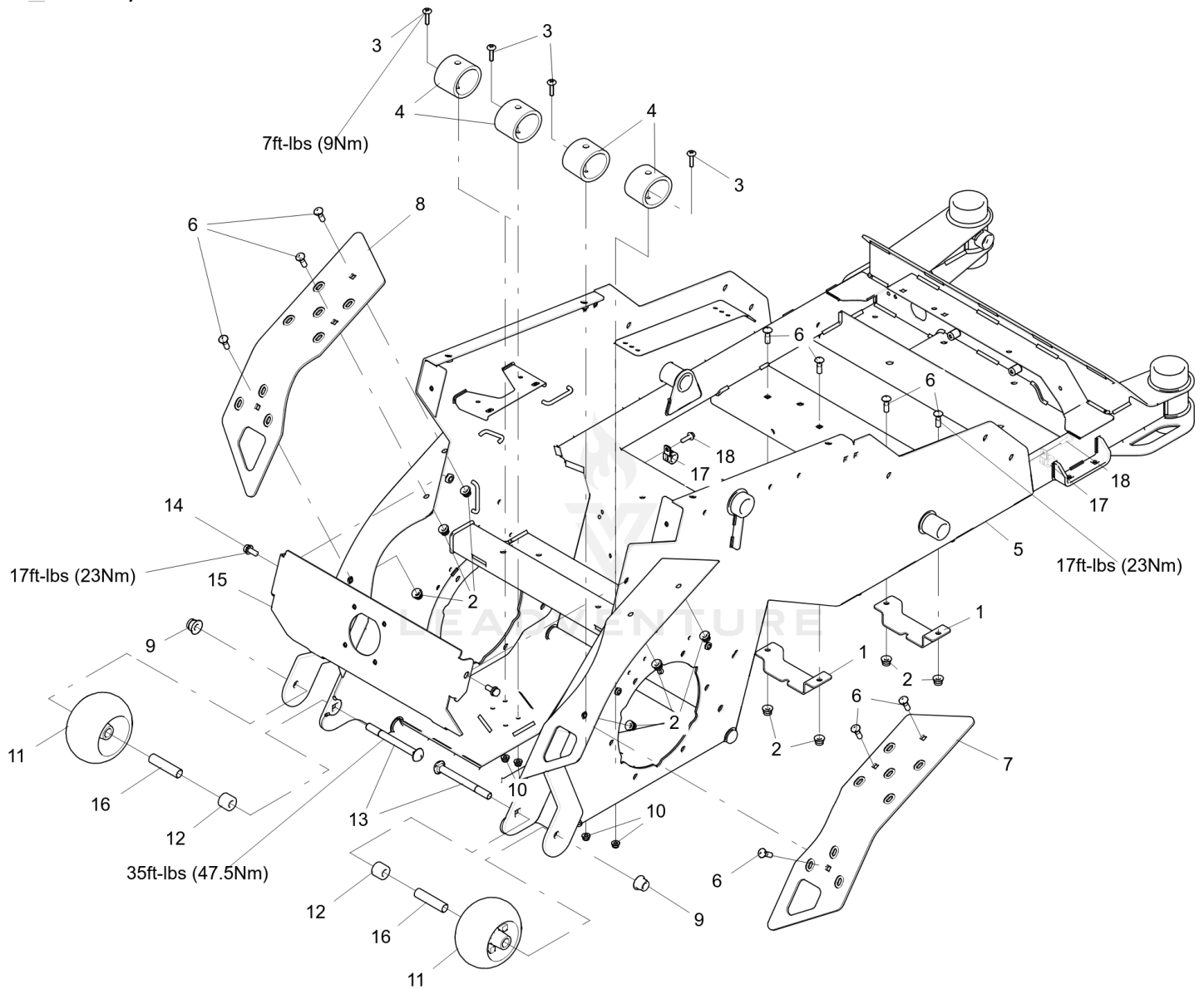


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21_Chassis

Ref Number	Part Number	Part Description	Context Notes	Quantity
1	R0207217-00	Pedal Weldment		1
2	R0207240-00	Shaft Sleeve		2
3	R0206034-00	Limit Plate		1
4	R0200684-00	Grease Zerk Fitting M6		2
5	R0200369-00	Locking Flange Nut, M12		2
6	R0200527-00	Carriage Bolt, M8×25		8
7	R0200496-00	Locking Flange Nut, M8		9
8	R0206145-00	Brake Extension Spring		1
9	R0206113-00	Customized Bolt		1
10	R0207219-00	Body Rubber Stop		1
11	R0207218-00	Limit Plate		1
12	R0205628-00	Brake Signal Switch		1
13	R0207433-00	Bolts, Flange M12*75		2
14	R0213398-00	Connecting Plate		1

21_Frame, Chassis

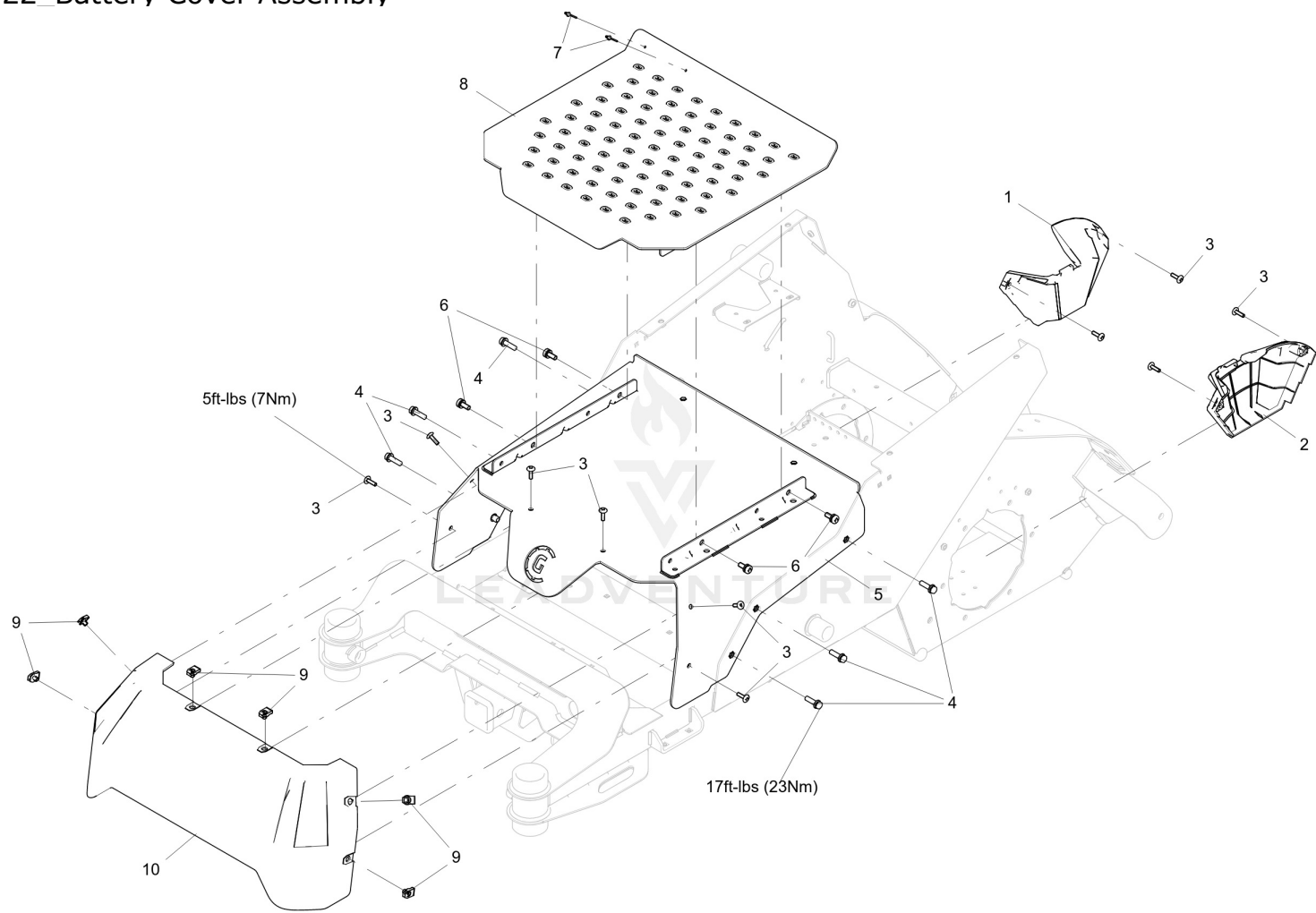


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21_Frame, Chassis

Ref Number	Part Number	Part Description	Context Notes	Quantity
1	R0207221-00	Fixed Plate		2
2	R0200496-00	Locking Flange Nut, M8		10
3	R0205402-00	Pan Head Screws, M6×25		4
4	R0205209-00	Rubber Bumper		4
5	R0213395-00	Main Frame Weldment		1
6	R0200527-00	Carriage Bolt, M8×25		10
7	R0213405-00	Foot Pedal		1
8	R0213406-00	Foot Pedal		1
9	R0200369-00	Locking Flange Nut, M12		2
10	R0200522-00	Lock nut M6		4
11	R0200363-00	Roller Wheel		2
12	R0201303-00	Roller Spacer		2
13	R0205194-00	Carriage Bolt, M12×120		2
14	R0200534-00	Bolt, Hex With Washers M8×20		2
15	R0207220-00	Coverplate Weldment		1
16	R0201304-00	Roller Shaft		2
17	R0205449-00	Cable Clamp		2
18	R0200507-00	Bolt M16×20		2

22_Battery Cover Assembly

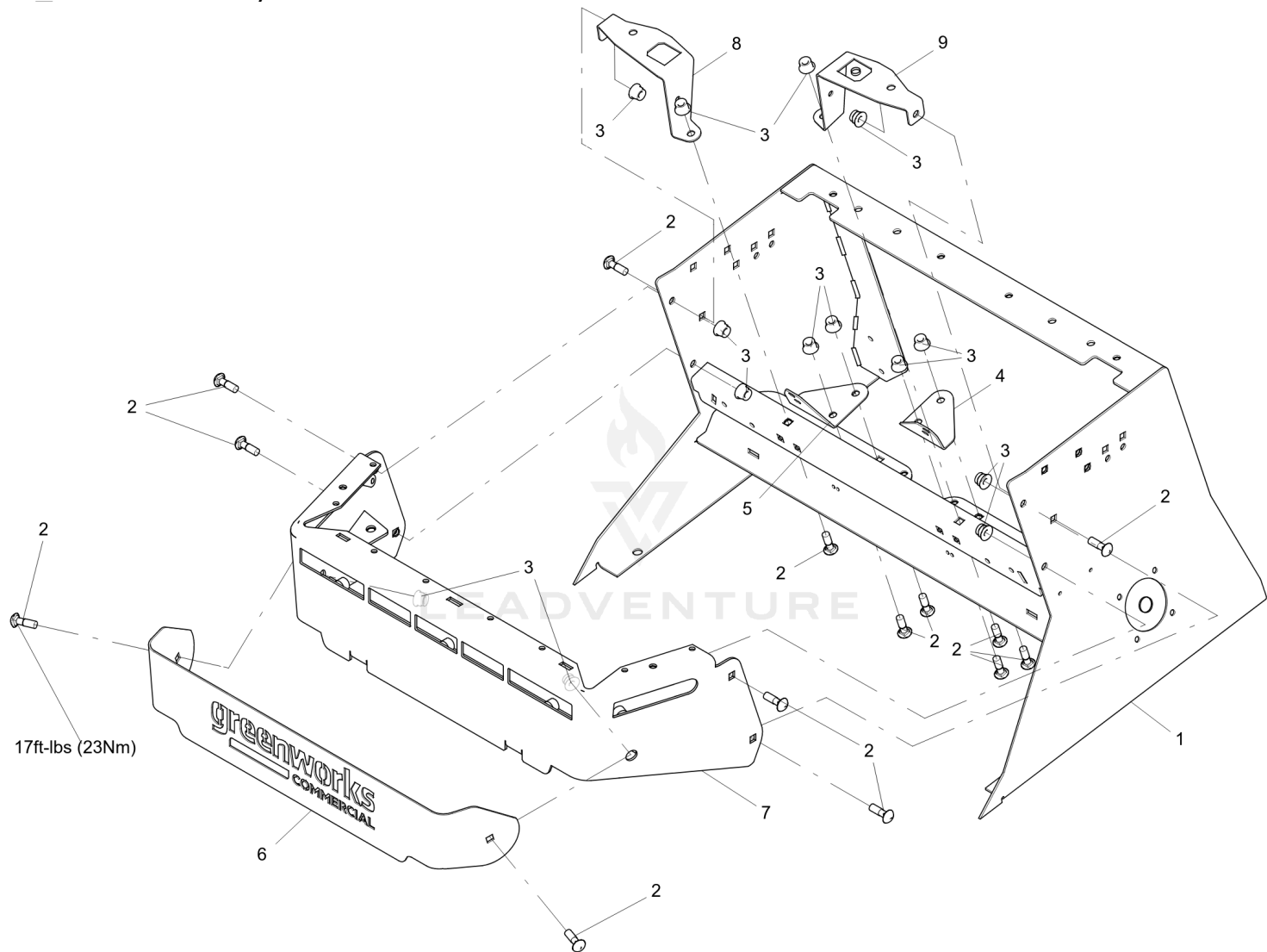


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22_Battery Cover Assembly

Ref Number	Part Number	Part Description	Context Notes	Quantity
1	R0207481-00	Right Cover Piece		1
2	R0207480-00	Left Cover Piece		1
3	R0205232-00	Pan Head Screws, M6×20		10
4	R0205222-00	Bolt, Hex With Washers M8×30		6
5	R0213393-00	Guard		1
6	R0205323-00	Screw With Collar, Torx T45 M8×20		4
7	R0205084-00	Rivet, Φ 4×8		2
8	R0213394-00	Cargo Weldment		1
9	R0201314-00	Nut, Clip-on M6		6
10	R0207484-00	Battery Pack Front Cover		1

23_Tower Assembly



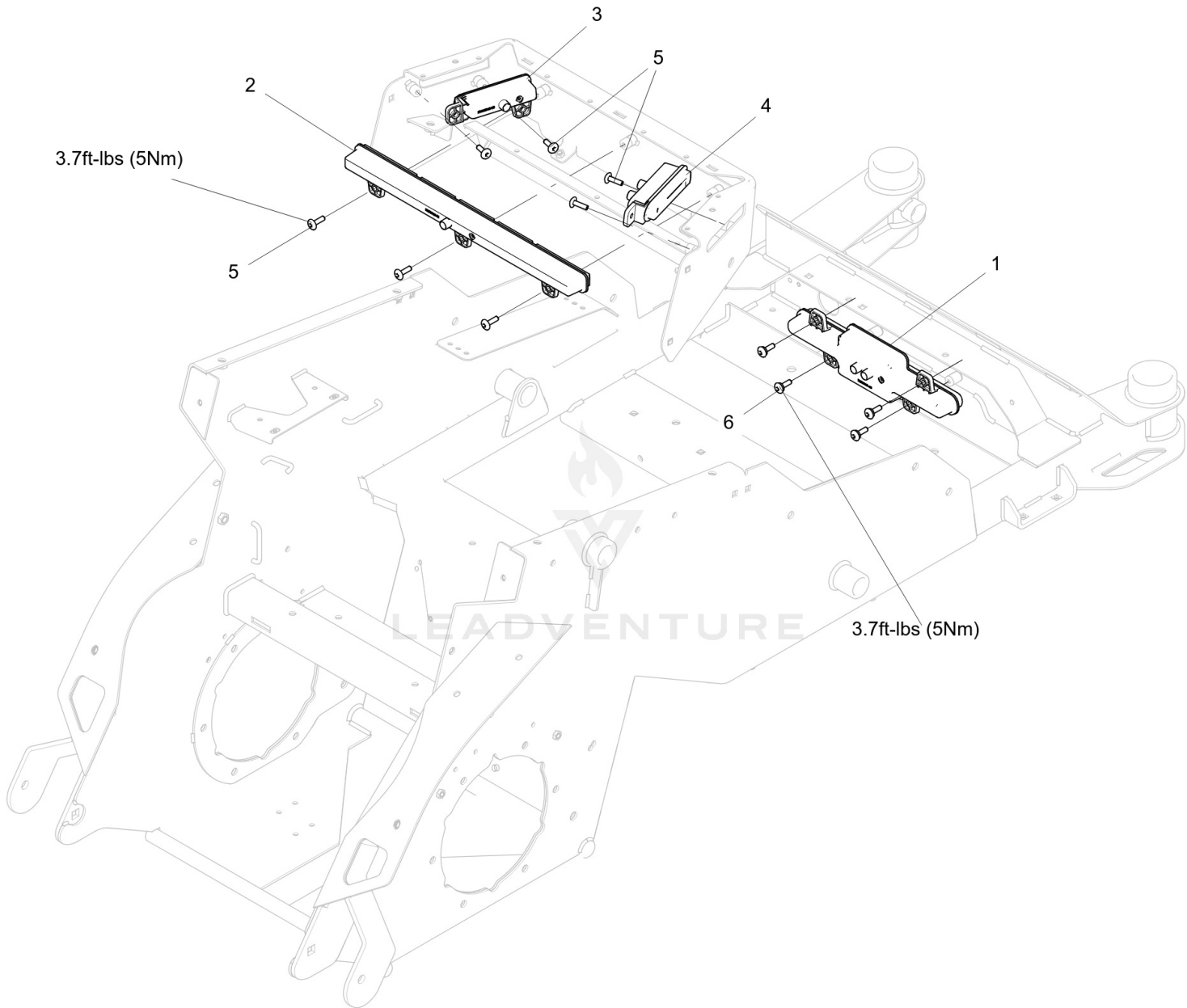
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23_Tower Assembly

Ref Number	Part Number	Part Description	Context Notes	Quantity
1	R0213389-00	Tower Weldment		1
2	R0200527-00	Carriage Bolt, M8×25		14
3	R0200496-00	Locking Flange Nut, M8		14
4	R0207229-00	Left Fixed Plate		1
5	R0207230-00	Right Fixed Plate		1
6	R0207235-00	Trademark Plate		1
7	R0213390-00	Tower Weldment, Upper		1
8	R0207232-00	Fixed Plate		1
9	R0207231-00	Fixed Plate		1

30_Electrical System

39_Lighting

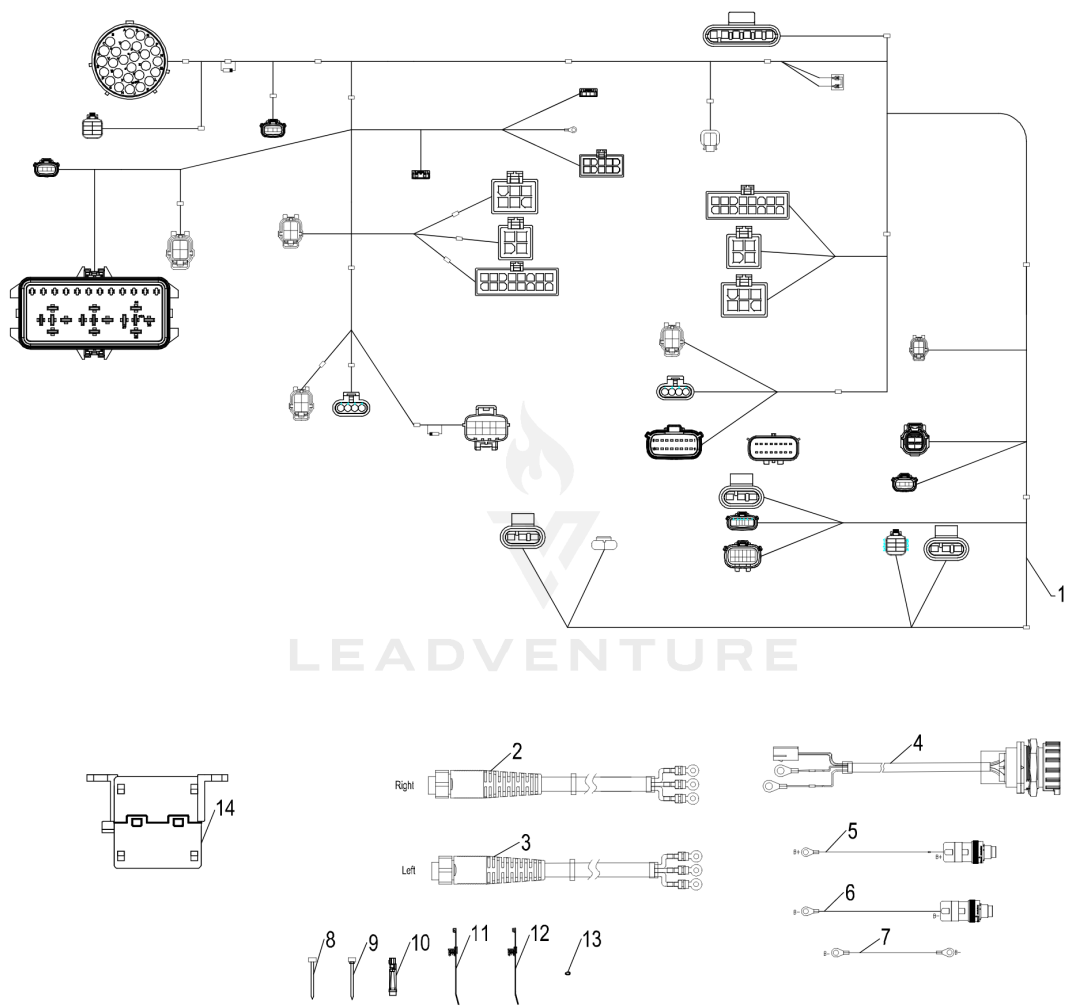


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39_Lighting

Ref Number	Part Number	Part Description	Context Notes	Quantity
1	R0206091-00	Front Lamp Assembly		1
2	R0206089-00	Front Head Lamp		1
3	R0206088-00	Left Lamp		1
4	R0206090-00	Right Lamp		1
5	R0205232-00	Pan Head Screws, M6×20		7
6	R0201279-00	Screw with Washers, Torx T30 M6×20		4

33_Wire Harness Assembly

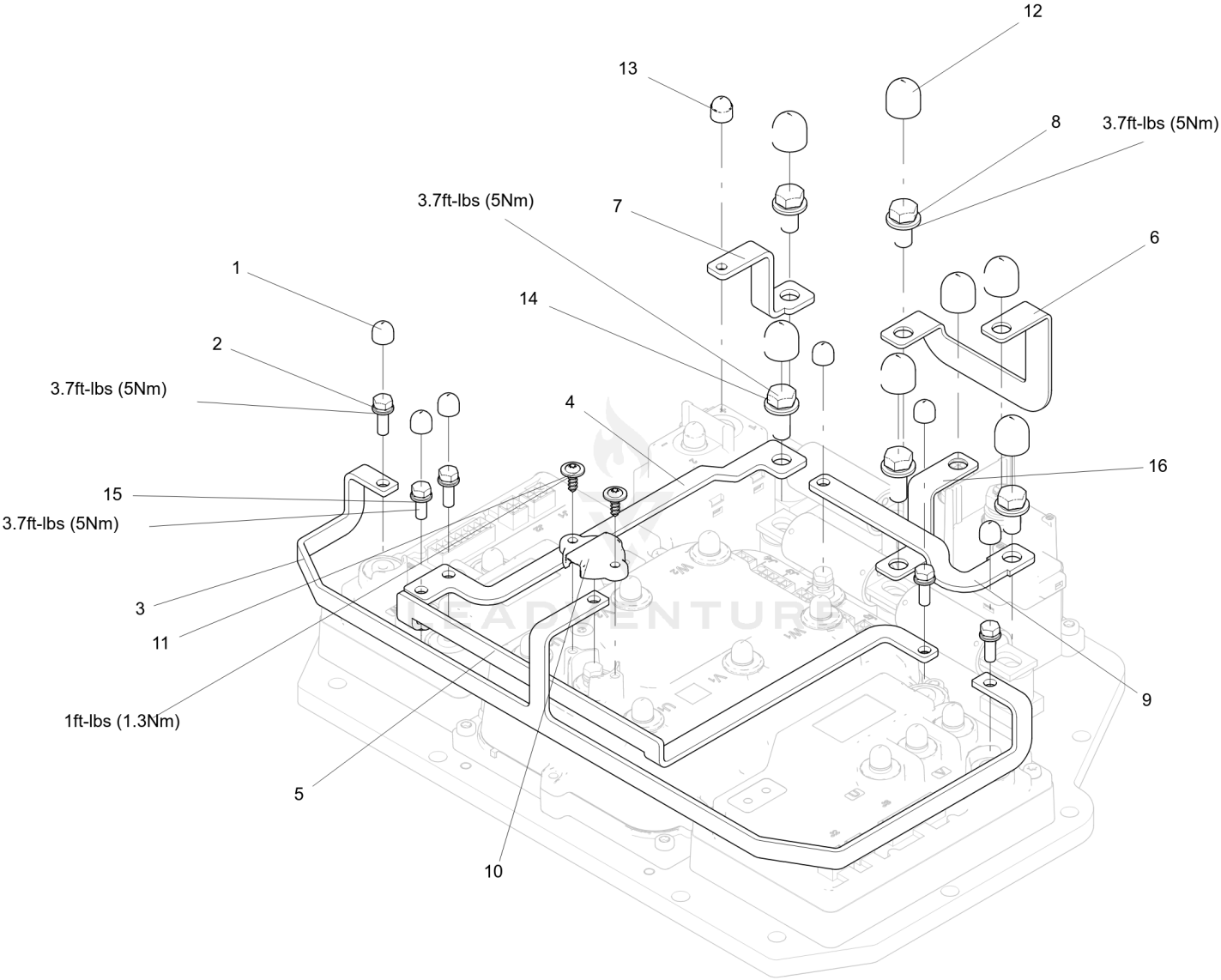


Rendered by LeadVenture, Inc.

33_Wire Harness Assembly

Ref Number	Part Number	Part Description	Context Notes	Quantity
1	R0213372-00	Control Harness Assembly		1
2	R0207274-00	Right Blade Motor-Wire Harness Assembly		1
3	R0207273-00	Left Blade Motor-Wire Harness Assembly		1
4	R0213376-00	Power Wiring Harness, ETO		1
5	R0213373-00	Power Wiring Harness, B+		1
6	R0213374-00	Power Wiring Harness, B-		1
7	R0213375-00	Power Wiring Harness, Service Switch		1
8	R0200390-00	Zip Tie, 4x200		30
9	R0202543-00	Zip Tie, 5.8x175		45
10	R0205346-00	Relay		1
11	R0210368-00	Cable Tie, 14*200mm		5
12	R0210367-00	Cable Tie, 13.7*200mm		10
13	R0103364-00	Key Label Clip		1
14	R0208154-00	Ferrite Sleeve, E04SRXA401938		4

32_Controller Busbar

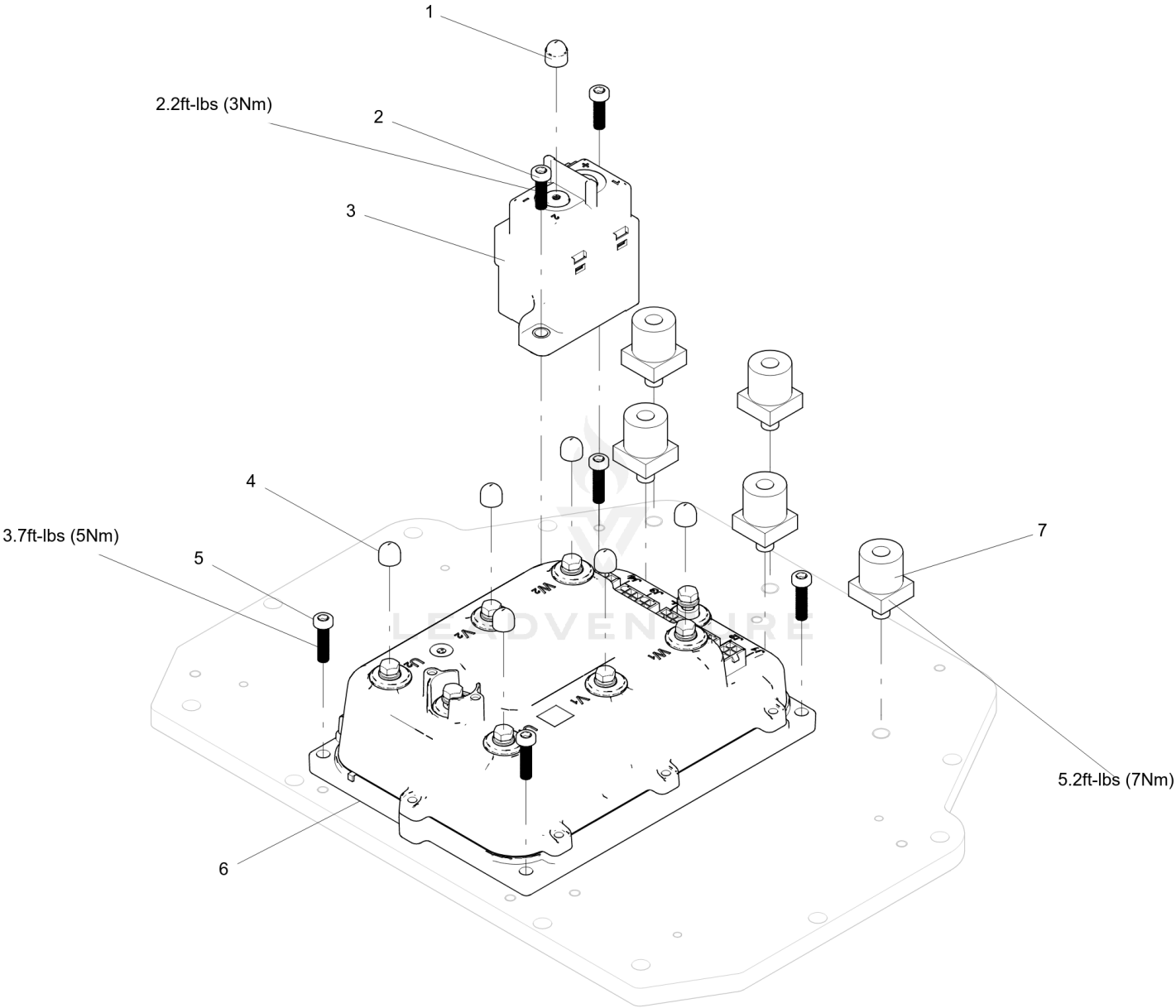


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32_Controller Busbar

Ref Number	Part Number	Part Description	Context Notes	Quantity
1	R0205351-00	Dust Cap M5		6
2	R0210401-00	Bolt, Hex with Washers M5×16		4
3	R0206086-00	Copper Bar, B (-) Between The Drive Controllers		1
4	R0213385-00	Copper Bar, Fuse~Drive Ctrl+		1
5	R0213387-00	Copper Bar, ~Drive Ctrl		1
6	R0213382-00	Copper Bar, Main Relay~ETO Fuse		1
7	R0213384-00	Copper Bar, ETO Fuse~ETO Relay		1
8	R0200380-00	Bolt, Hex with Washers M8×16		3
9	R0213386-00	Copper Bar, Fuse~Blade Ctrl+		1
10	R0206105-00	Junction Box Cover		1
11	R0206286-00	Screw With Collar,Torx T20 ST4×13		2
12	R0205349-00	Dust Cap M8		7
13	R0205454-00	Dust Cap M4		1
14	R0200534-00	Bolt, Hex With Washers M8×20		2
15	R0206109-00	Bolt, Hex With Washers M5*14		1
16	R0213383-00	Copper Bar, Main Relay~Drive Fuse		1

32_Blade Controller

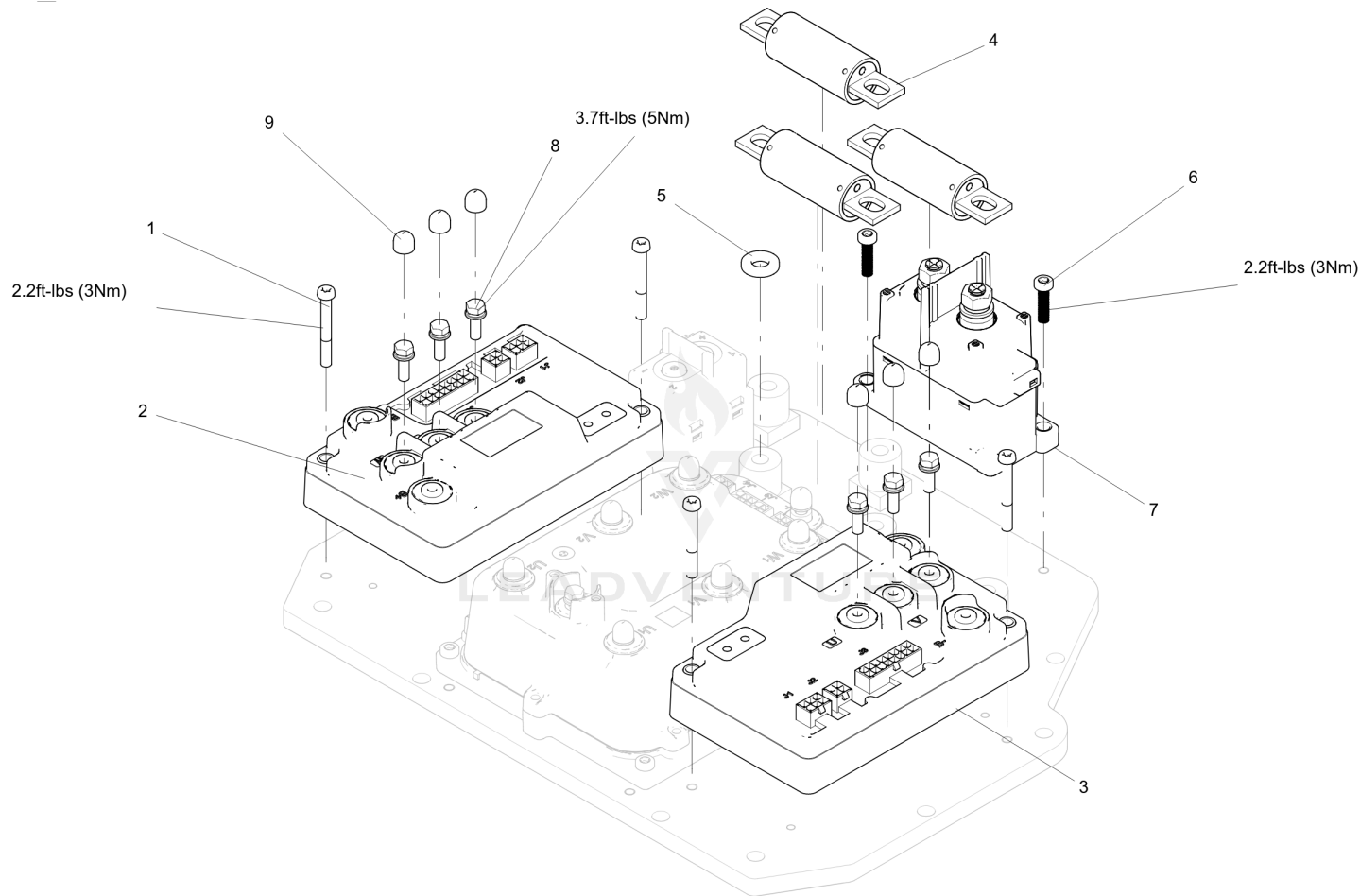


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32_Blade Controller

Ref Number	Part Number	Part Description	Context Notes	Quantity
1	R0205454-00	Dust Cap M4		1
2	R0210925-00	Hexalobular socket pan head screws		2
3	R0205364-00	Contactor-BYD-120A		1
4	R0205351-00	Dust Cap M5		6
5	R0206110-00	Screw With Washers, M5×20		4
6	R0213477-00	Blade Controller		1
7	R0205359-00	Insulating Base		5

32_Drive Controllers and Fuses

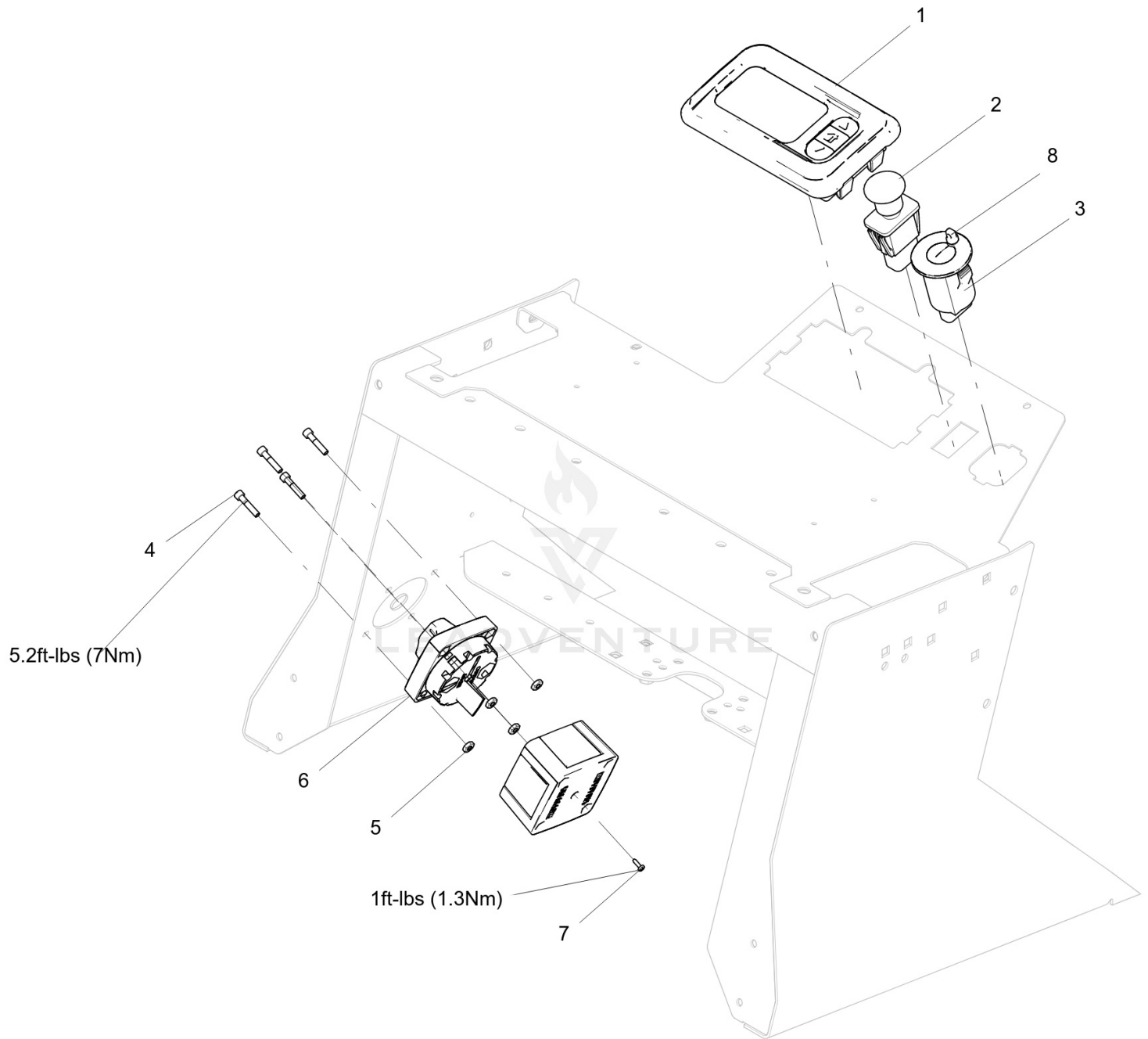


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32_Drive Controllers and Fuses

Ref Number	Part Number	Part Description	Context Notes	Quantity
1	R0206098-00	Screw With Washers, Torx T25 M5×60		4
2	R0213378-00	Drive Controller		1
3	R0213379-00	Drive Controller, R		1
4	R0205361-00	Fuse: RS309-MD-100A		3
5	R0213407-00	Eccentric Block Washer		1
6	R0206110-00	Screw With Washers, M5×20		2
7	R0205999-00	Contactor-BYD-200A		1
8	R0210401-00	Bolt, Hex with Washers M5×16		6
9	R0205351-00	Dust Cap M5		6

35_Switches and Meters and GPS

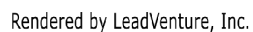


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35_Switches and Meters and GPS

Ref Number	Part Number	Part Description	Context Notes	Quantity
1	R0210412-00	LCD Dashboard		1
2	R0202542-00	PTO Switch		1
3	R0105669-00	PBS Switch		1
4	R0210389-00	Socket Raised Head Screw with Collar, #10-24x7/8"L5/32"		4
5	R0210390-00	Nut, #10-24		4
6	R0207277-00	Service Switch		1
7	R0205189-00	Phillips, ST2.9X9.5		1
8	R0101792-00	Key		1

32 Controller Mounting Plate

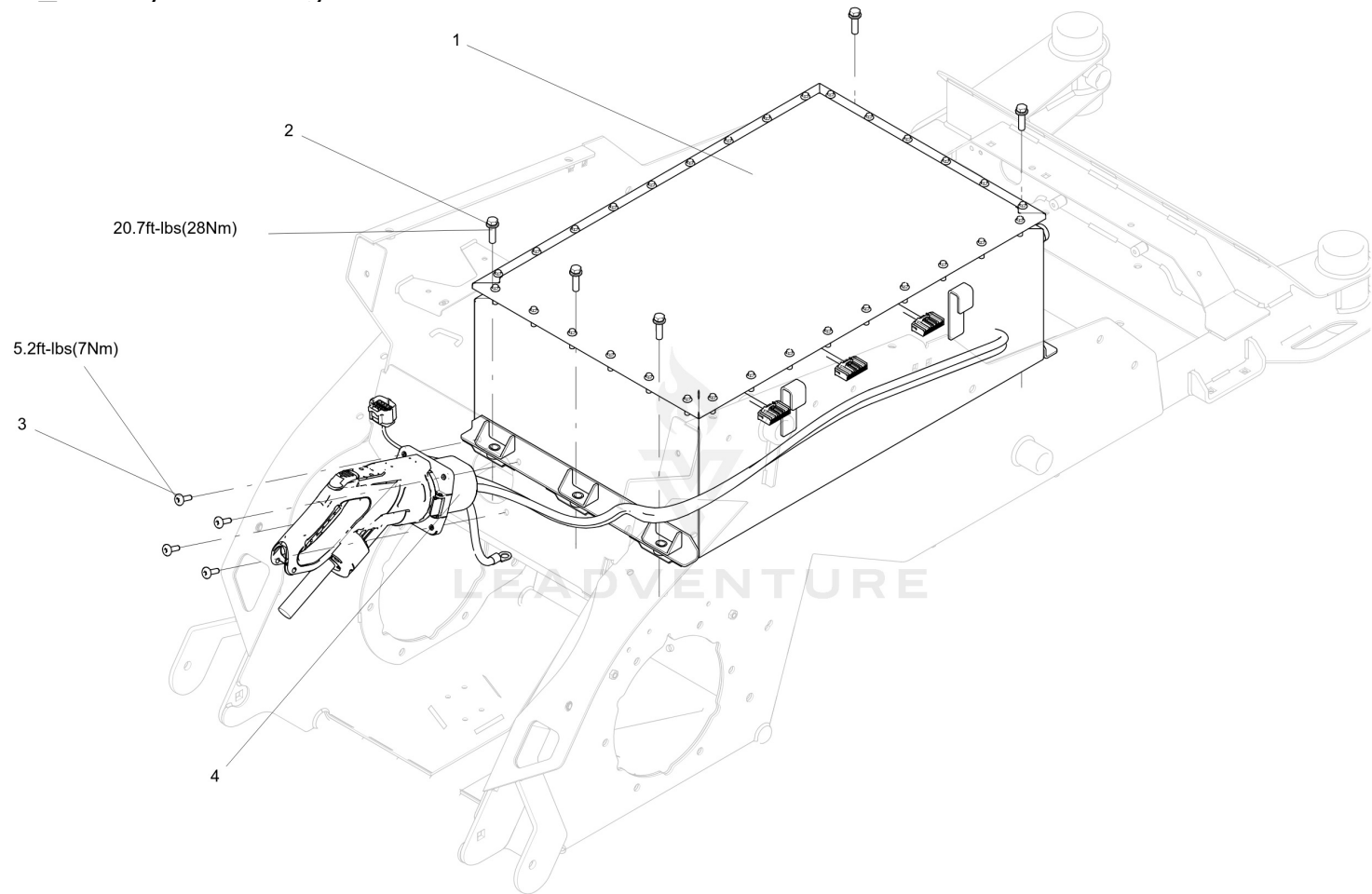


32_Controller Mounting Plate

Ref Number	Part Number	Part Description	Context Notes	Quantity
1	R0205232-00	Pan Head Screws, M6×20		9
2	R0213392-00	Controller Upper Housing		1
3	R0212763-00	Screw, Torx T25 ST6X32-C		4
4	R0201522-00	Hexagon socket head cap screw		4
5	R0213400-00	Wire Retaining Plate		1
6	R0203426-00	Screw, Torx T20 ST4X16		4
7	R0213399-00	Wire Retaining Plate		1
8	R0206286-00	Screw With Collar,Torx T20 ST4×13		6
9	R0200522-00	Lock nut M6		4
10	R0213402-00	Wire Retaining Plate		1
11	R0213401-00	Wire Retaining Plate		1
12	R0208212-00	Nut, Clip-On M6		13
13	R0213391-00	Controller Lower Housing		1
14	R0213396-00	Aluminum Plate		1
15	R0213397-00	Controller Fixed Plate		1
16	R0213388-00	Heat Sink		1
17	R0213404-00	Fixed Seat		1
18	R0212705-00	Bolt		4

Ref Number	Part Number	Part Description	Context Notes	Quantity
19	R0201412-00	Cushion stud		4
20	R0206111-00	Hexagon Head Bolts, M4×12		4
21	R0200496-00	Locking Flange Nut, M8		8

31_Battery and Charger Parts



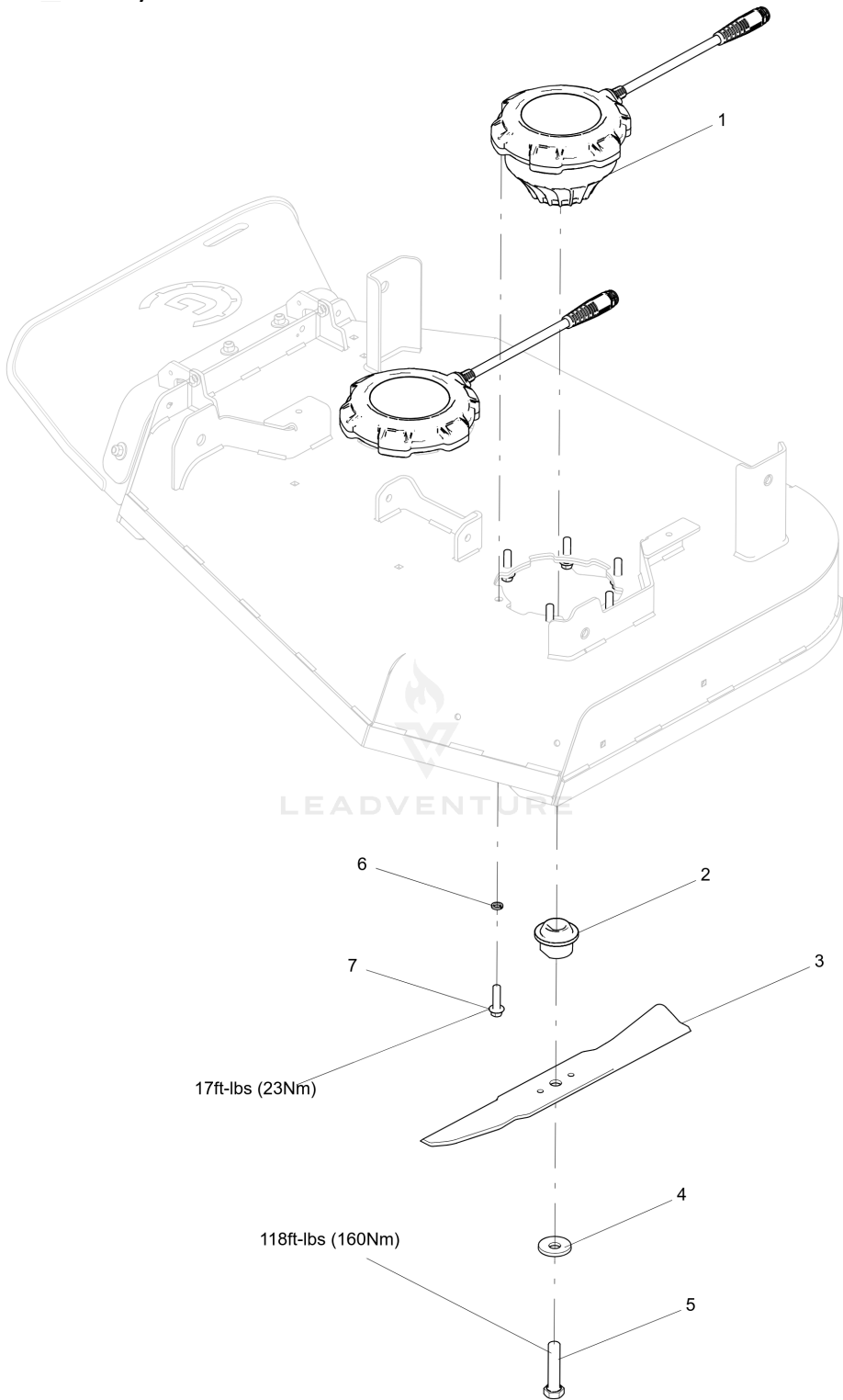
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31_Battery and Charger Parts

Ref Number	Part Number	Part Description	Context Notes	Quantity
1	R0207407-00	Battery Pack Assembly (8kWh)		1
2	R0205222-00	Bolt, Hex With Washers M8×30		5
3	R0205232-00	Pan Head Screws, M6×20		4
4	R0207275-00	Power Socket		1

40_Deck System

41 Deck, Motors and Blades

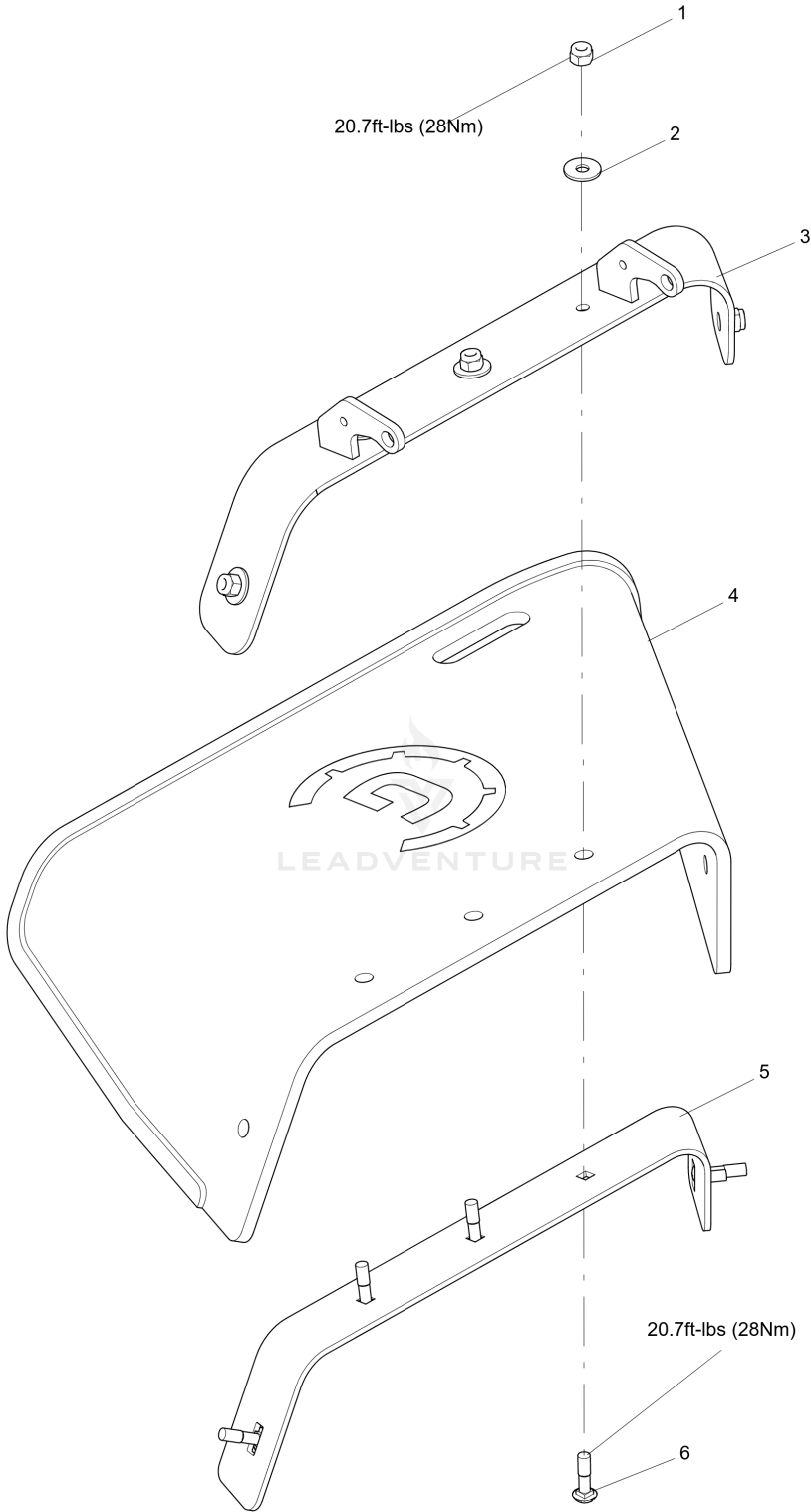


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41_Deck, Motors and Blades

Ref Number	Part Number	Part Description	Context Notes	Quantity
1	R0210414-00	Blade Motor, 60" / 54" / 52"		2
2	R0200693-00	Blade collar		2
3	R0205990-00	Blade, High-Lift (36" Deck)		2
4	R0200365-00	Blade Washer, $\Phi 16$		2
5	R0200364-00	Bolt M16 $\times$ 70		2
6	R0200499-00	Washer, $\Phi 10.2$		12
7	R0200531-00	Bolt, Flange M10 $\times$ 35		12

43 Discharge Chute

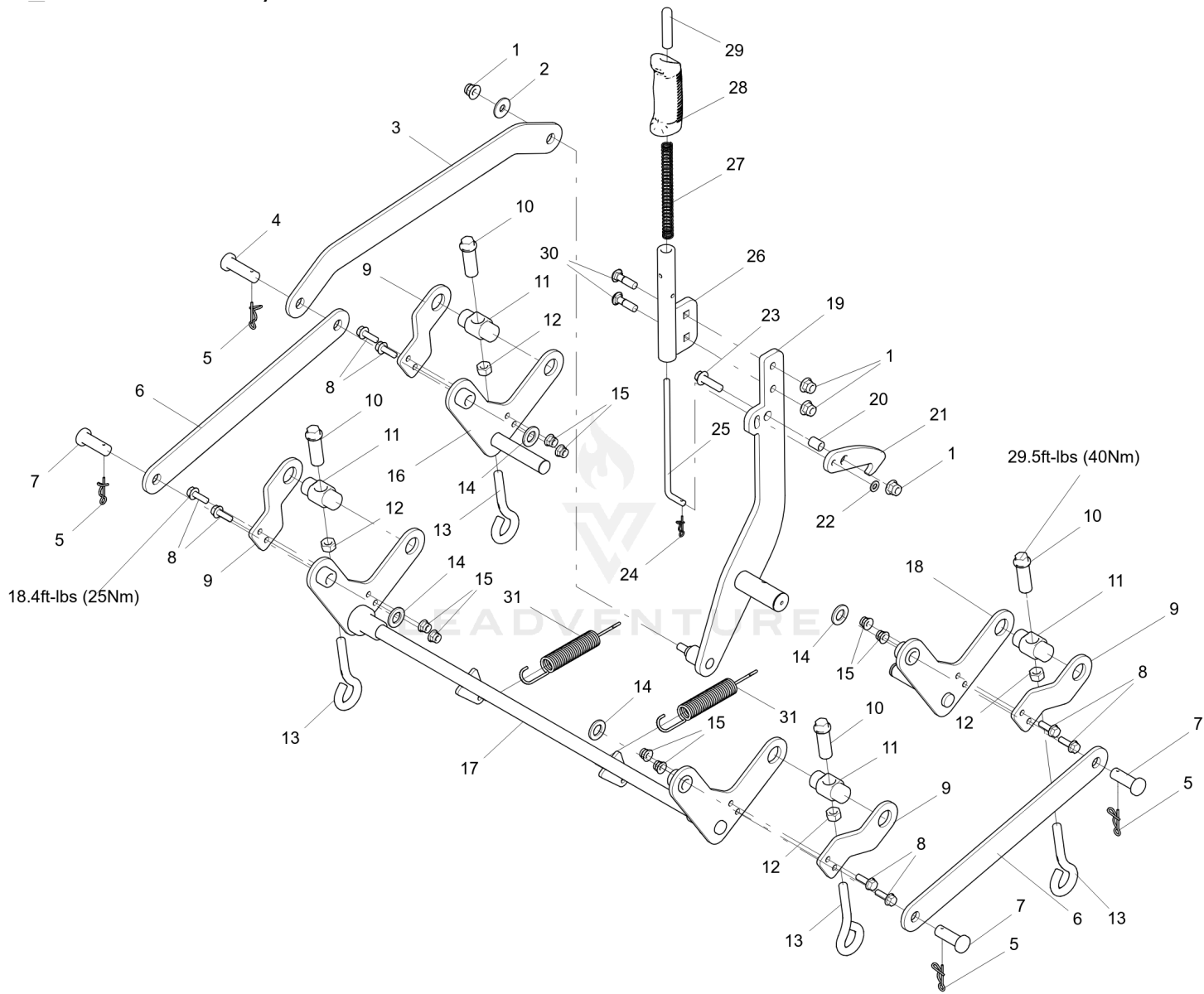


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43_Discharge Chute

Ref Number	Part Number	Part Description	Context Notes	Quantity
1	R0200520-00	Locking Nut, M8		5
2	R0200541-00	Washer, Φ8		5
3	R0206208-00	Discharge Bracket Upper		1
4	R0206210-00	Discharge Chute		1
5	R0206209-00	Discharge Bracket Lower		1
6	R0200528-00	Carriage Bolt, M8×30		5

45_Decklift Assembly



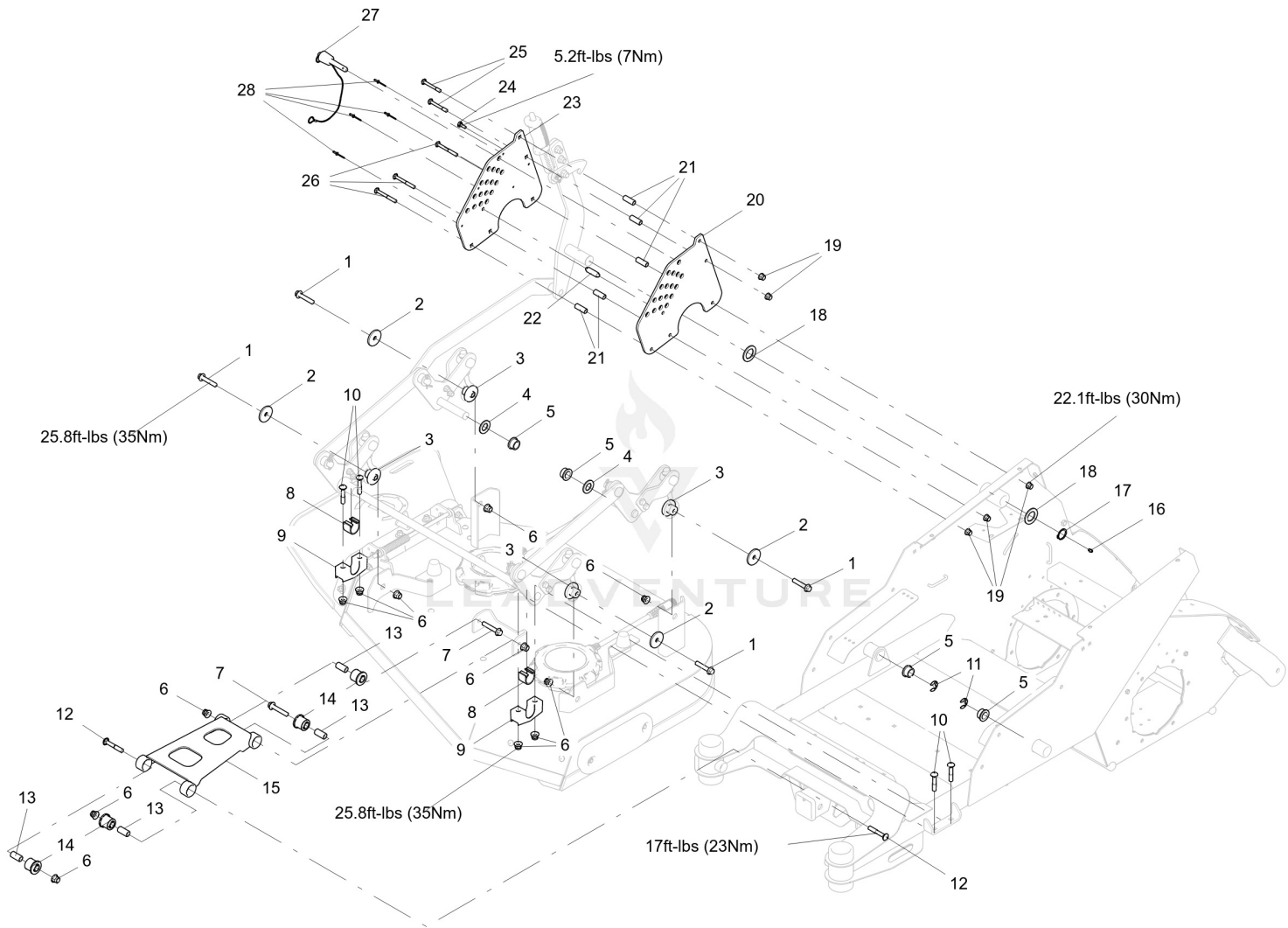
Rendered by LeadVenture, Inc.

45_Decklift Assembly

Ref Number	Part Number	Part Description	Context Notes	Quantity
1	R0200521-00	Locking Flange Nut, M10		4
2	R0205435-00	Plain Washers, $\Phi 10$		1
3	R0206171-00	Connecting Rod		1
4	R0206219-00	Pin Shaft		1
5	R0203184-00	R Pin, $\Phi 2.5$		4
6	R0206170-00	Connecting Rod		2
7	R0206220-00	Pin Shaft		3
8	R0206177-00	Bolts, Flange M8 $\times$ 25		8
9	R0206165-00	Mounting Plate		4
10	R0206221-00	Height Adjustment Lever		4
11	R0206166-00	Pin Shaft		4
12	R0205392-00	Hexagon Nuts, M12		4
13	R0206174-00	Height Adjustment Lever		4
14	R0201475-00	Plain Washer, $\Phi 17$		4
15	R0200496-00	Locking Flange Nut, M8		8
16	R0206168-00	Rear Rotating Shaft Weldment		1
17	R0206169-00	Front Rotating Shaft Weldment		1
18	R0206216-00	Left Rotating Shaft Weldment		1
19	R0206215-00	Height Adjustment Handle Latch Assembly		1

Ref Number	Part Number	Part Description	Context Notes	Quantity
20	R0201395-00	Bushing		1
21	R0205294-00	Swing Arm		1
22	R0200548-00	Plain Washers, $\Phi 8$		1
23	R0200531-00	Bolt, Flange M10x35		1
24	R0201398-00	R-pin		1
25	R0205295-00	Connecting Rod		1
26	R0205292-00	Height Adjustment Handle Weldment		1
27	R0205291-00	Spring, $\Phi 13.5 \times 160$		1
28	R0201407-00	Grip		1
29	R0205290-00	Pin		1
30	R0201402-00	Bolt M10X35		2
31	R0203167-00	Spring		2

45_Decklift Mounting



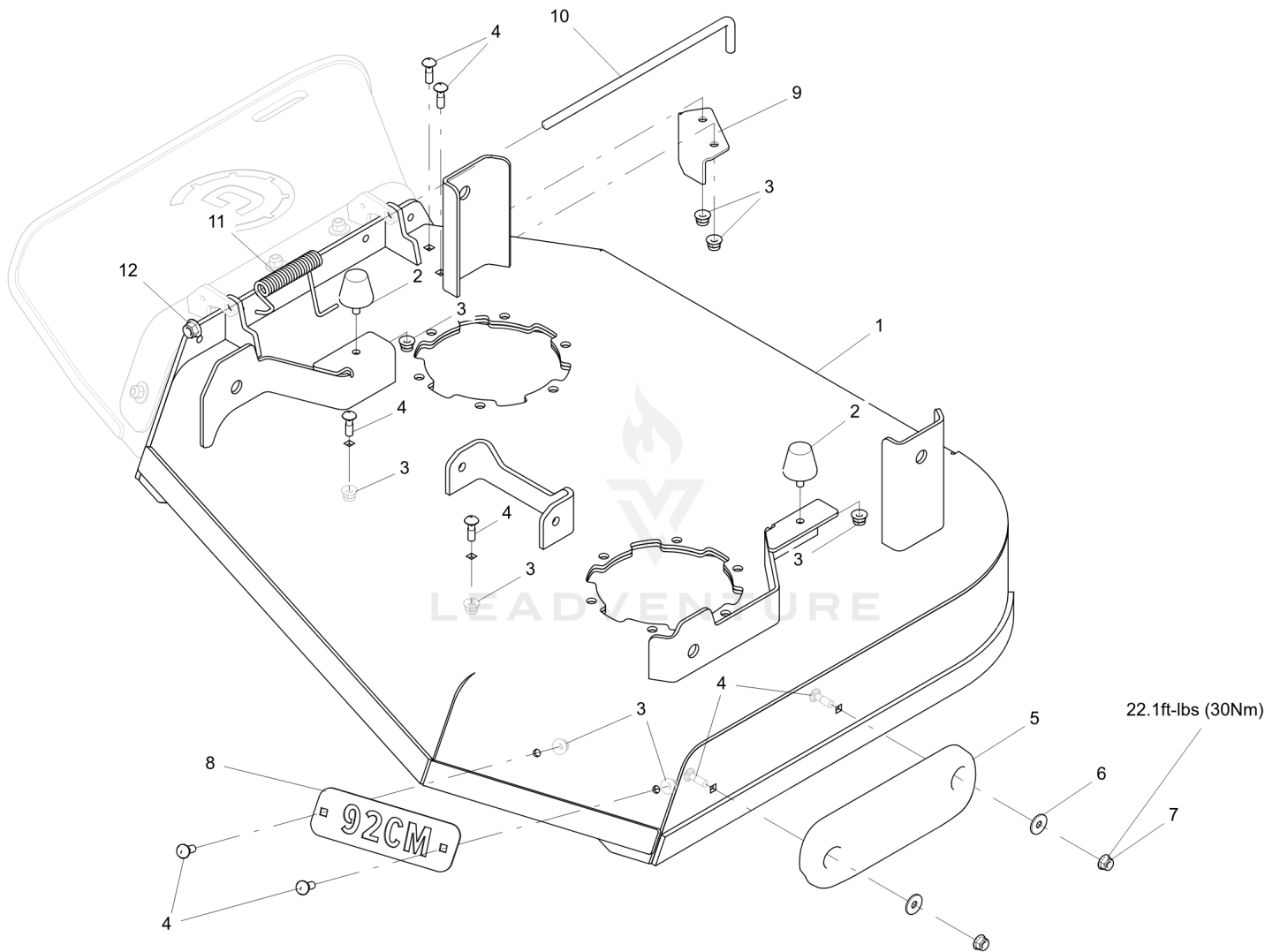
Rendered by LeadVenture, Inc.

45_Decklift Mounting

Ref Number	Part Number	Part Description	Context Notes	Quantity
1	R0200765-00	Bolt, Flange M10×50		4
2	R0205208-00	Washer, Φ11		4
3	R0206218-00	Bushing		4
4	R0202661-00	Washer		2
5	R0202042-00	Front axle bushing		4
6	R0200521-00	Locking Flange Nut, M10		12
7	R0200503-00	Bolts, Flange M10×55		2
8	R0200737-00	Shaft Collar Sleeve		2
9	R0200586-00	Fixed seat		2
10	R0200525-00	Carriage Bolt, M10×50		4
11	R0207432-00	Split Ring		2
12	R0201370-00	Carriage Bolt, M10×60		2
13	R0205160-00	Sleeve, Φ15.8×31.4		4
14	R0205115-00	Bushing		4
15	R0206153-00	Articulated Plate Weldment		1
16	R0200684-00	Grease Zerk Fitting M6		1
17	R0205166-00	Circlip, Φ25.9		1
18	R0205150-00	Washer, Φ28.5		2
19	R0200496-00	Locking Flange Nut, M8		5

Ref Number	Part Number	Part Description	Context Notes	Quantity
20	R0206172-00	Limit Plate		1
21	R0205310-00	Spacer		5
22	R0205312-00	Spacer		1
23	R0206173-00	Limit Plate		1
24	R0201279-00	Screw with Washers, Torx T30 M6×20		1
25	R0205308-00	Carriage Bolt, M8×60		2
26	R0206179-00	Carriage Bolt, M8×70		3
27	R0205306-00	Pin Assembly		1
28	R0205083-00	Rivet, Φ4×12		4

42_Deck Assembly



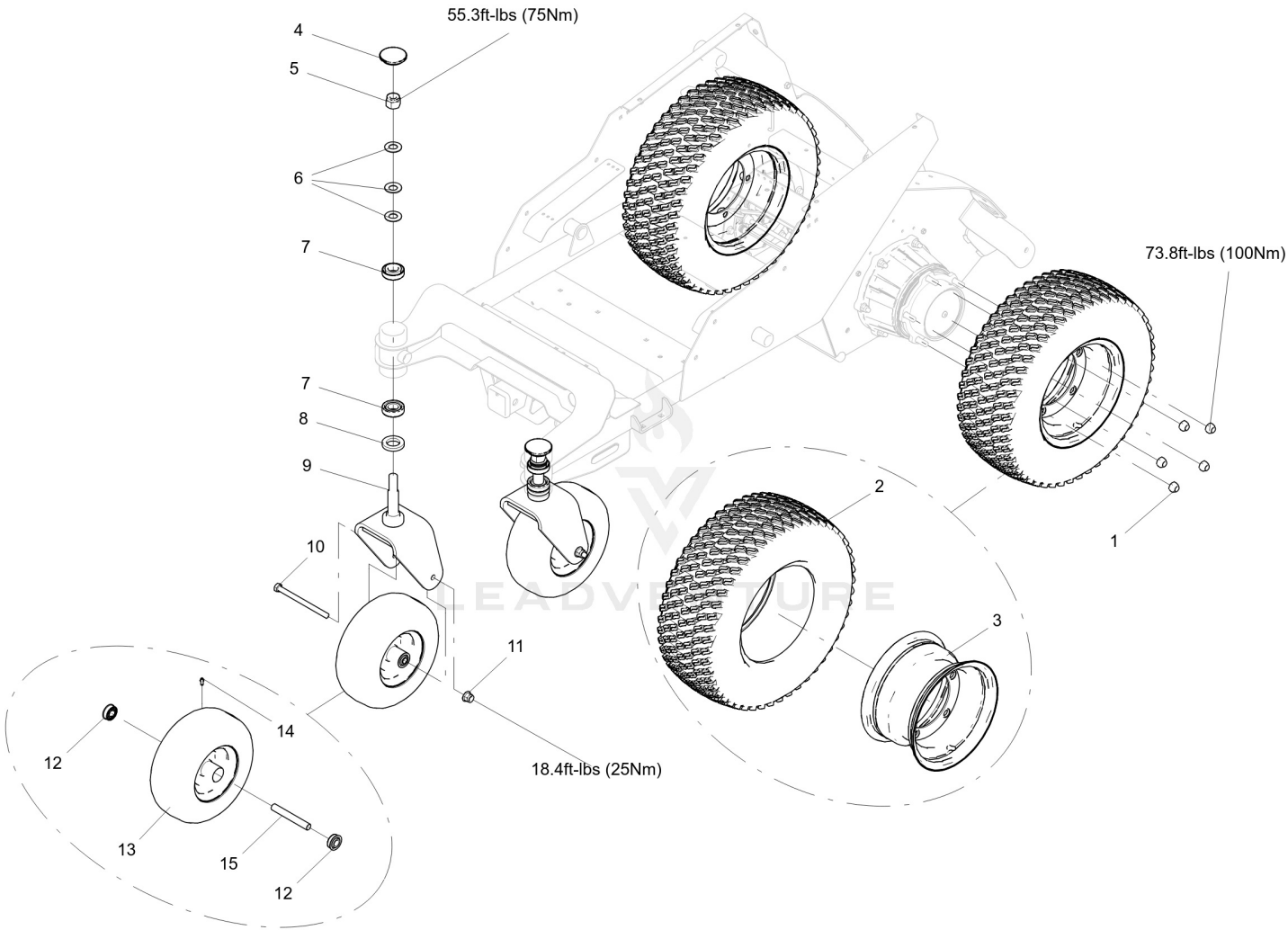
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42_Deck Assembly

Ref Number	Part Number	Part Description	Context Notes	Quantity
1	R0206262-00	36" Cutting Deck Weldment		1
2	R0200710-00	Rubber Bumper		2
3	R0200496-00	Locking Flange Nut, M8		8
4	R0200527-00	Carriage Bolt, M8×25		8
5	R0205342-00	Deck Trim Bumper		1
6	R0200541-00	Washer, Φ8		2
7	R0200558-00	Locking Flange Nut, M8		2
8	R0103663-00	Logo Plate Turbobrush		1
9	R0205372-00	Air Baffle		1
10	R0201308-00	Connecting rod		1
11	R0201383-00	Torsional Spring		1
12	R0200557-00	Lock nut M10		1

50_Drive System

51_Wheels

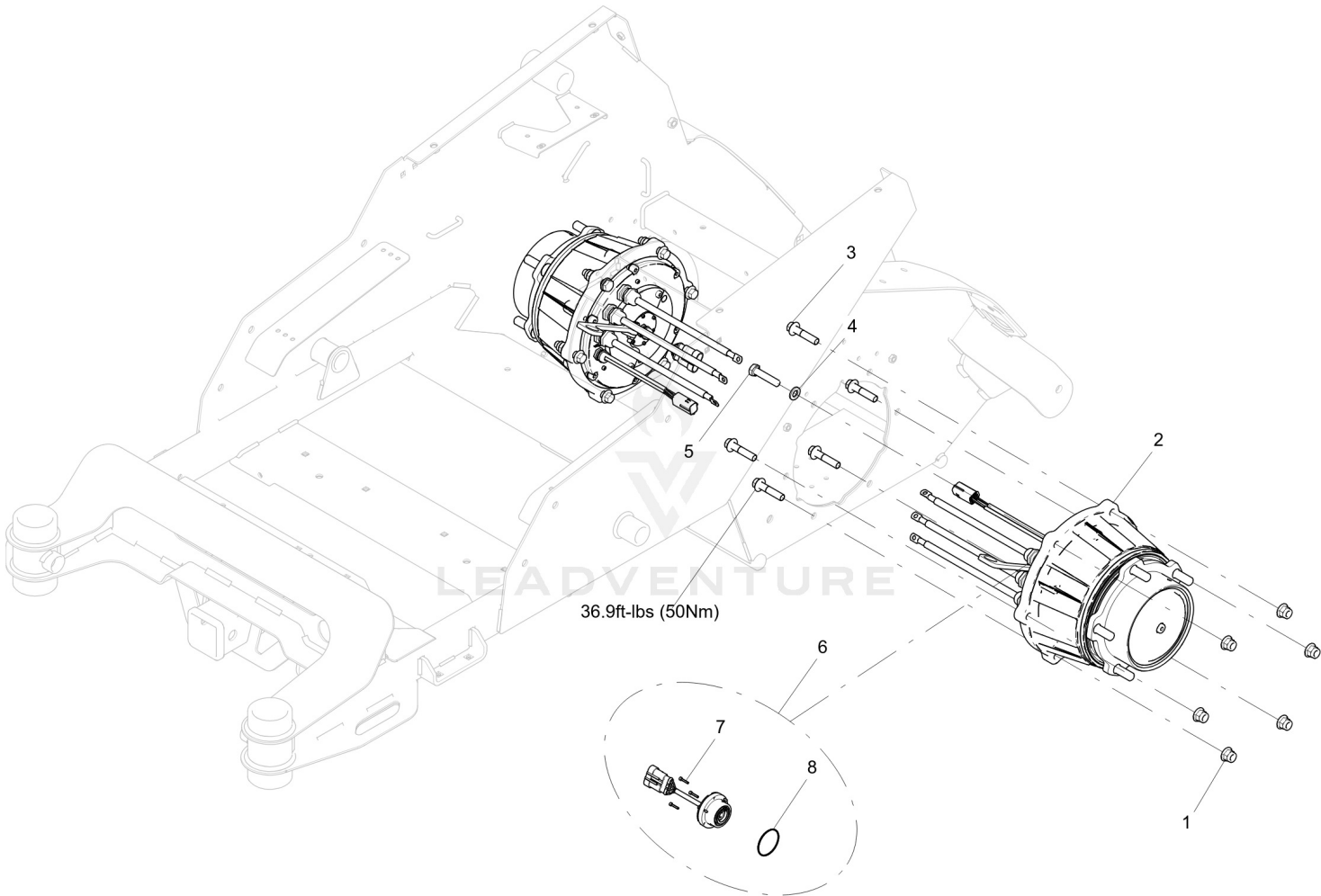


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51_Wheels

Ref Number	Part Number	Part Description	Context Notes	Quantity
1	R0200368-00	Lug Nut 1/2-20 UNF		10
2	R0207944-00	Tire, 20*8-10		2
3	R0206457-00	Rim, 10*6		2
4	R0206112-00	Dust Cap		2
5	R0200372-00	Locking Nut, M20		2
6	R0200373-00	Belville Washer, Φ20		6
7	R0201463-00	Tapered roller bearings		4
8	R0201464-00	Oil sealing		2
9	R0206458-00	Front Fork Weldment		2
10	R0209693-00	Hexagon Head Bolts, M12*150		2
11	R0200369-00	Locking Flange Nut, M12		2
12	R0207947-00	Bearing		4
13	7517802	Front Caster Wheel, 11*4-5		2
14	R0207948-00	Grease Zerk Fitting M6		2
15	R0201468-00	Front shaft sleeve		2

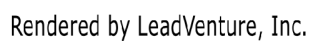
55_Drive Motors



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55_Drive Motors

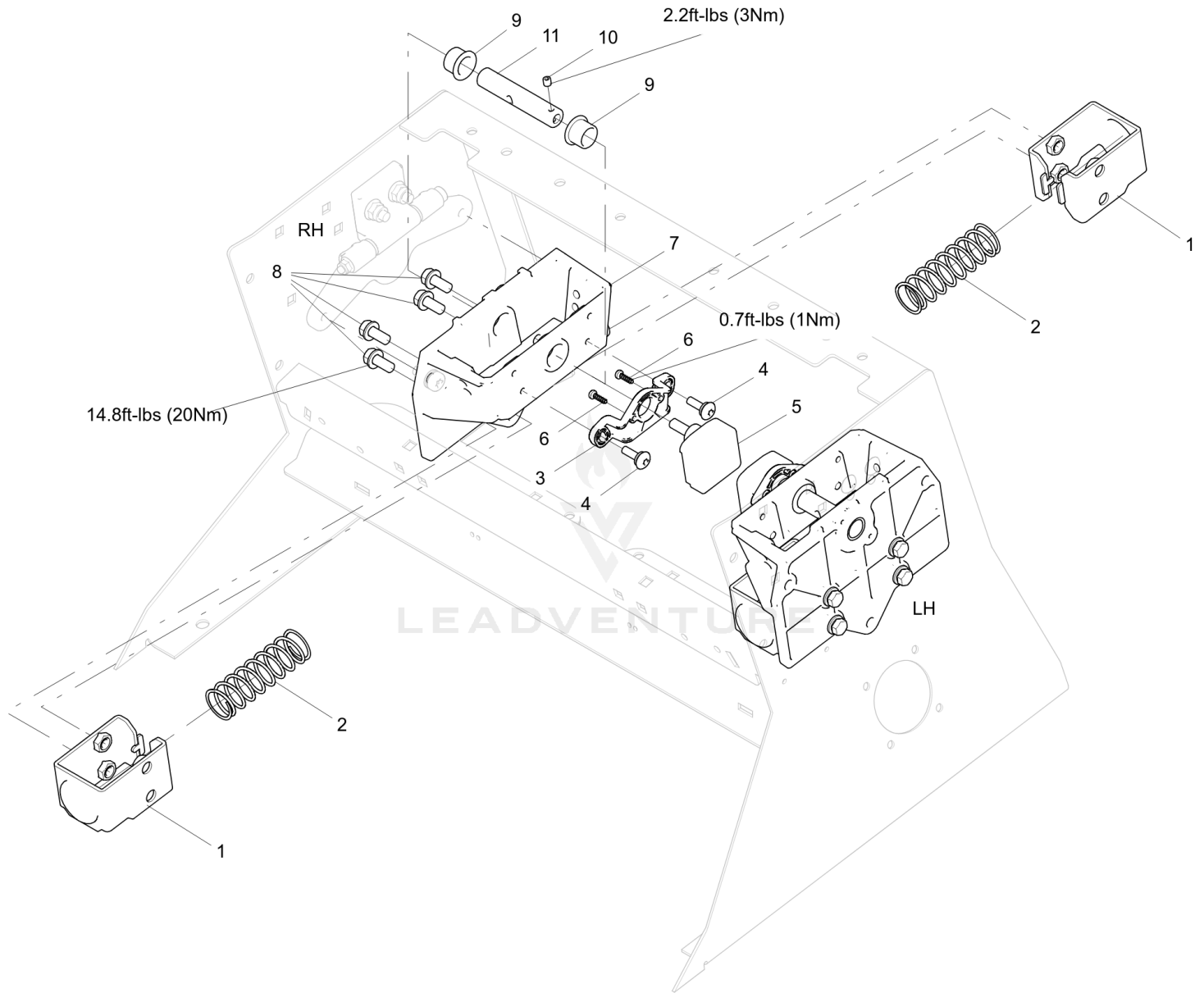
Ref Number	Part Number	Part Description	Context Notes	Quantity
1	R0200521-00	Locking Flange Nut, M10		12
2	R0213377-00	Drive Motor		2
3	R0206144-00	Bolts, Flange M10×45		10
4	R0200502-00	Washer		2
5	R0200537-00	Bolt M10×45		2
6	R0213273-00	Encoder Assembly, 2.2kW		2
7	R0210492-00	Socket Head Cap Screw, M2.5*14		6
8	R0210493-00	O-Ring, φ14x1.5		2



63_Control Arm Assembly

Ref Number	Part Number	Part Description	Context Notes	Quantity
1	R0200528-00	Carriage Bolt, M8×30		4
2	R0205317-00	Limit Plate		2
3	R0200611-00	Bushing		4
4	R0205318-00	Fixed Plate		2
5	R0200522-00	Lock nut M6		2
6	R0205316-00	Socket Head Cap Screw, M8×100		2
7	R0200496-00	Locking Flange Nut, M8		4
8	R0207236-00	Reset Spring		2
9	R0205323-00	Screw With Collar, Torx T45 M8×20		4
10	R0206058-00	Control Handle Weldment		2
11	R0200418-00	Left steering handle weldment		2
12	R0200519-00	TypeINut, M8		1
13	R0201350-00	Socket Head Cap Screw, M8×35		1
14	R0207233-00	Mounting Plate		1
15	R0207234-00	Connecting Plate		1
16	R0200534-00	Bolt, Hex With Washers M8×20		4

64_RH/LH Control Arm Pivot



Rendered by LeadVenture, Inc.

64_RH/LH Control Arm Pivot

Ref Number	Part Number	Part Description	Context Notes	Quantity
1	R0202532-00	Spring Seat Assembly		4
2	R0205319-00	Spring, $\Phi 28.4 \times 90$		4
3	R0205109-00	Potentiometer Connecting Plate		2
4	R0201279-00	Screw with Washers, Torx T30 M6 $\times$ 20		4
5	R0210420-00	Accelerator Sensor		2
6	R0203426-00	Screw, Torx T20 ST4X16		4
7	R0205098-00	Bracket		2
8	R0200534-00	Bolt, Hex With Washers M8 $\times$ 20		8
9	R0205215-00	Shaft Collar		4
10	R0200564-00	Socket Head Cap Screw, M6 $\times$ 6		2
11	R0205320-00	Rotating Shaft		2