



SNOW PLOW

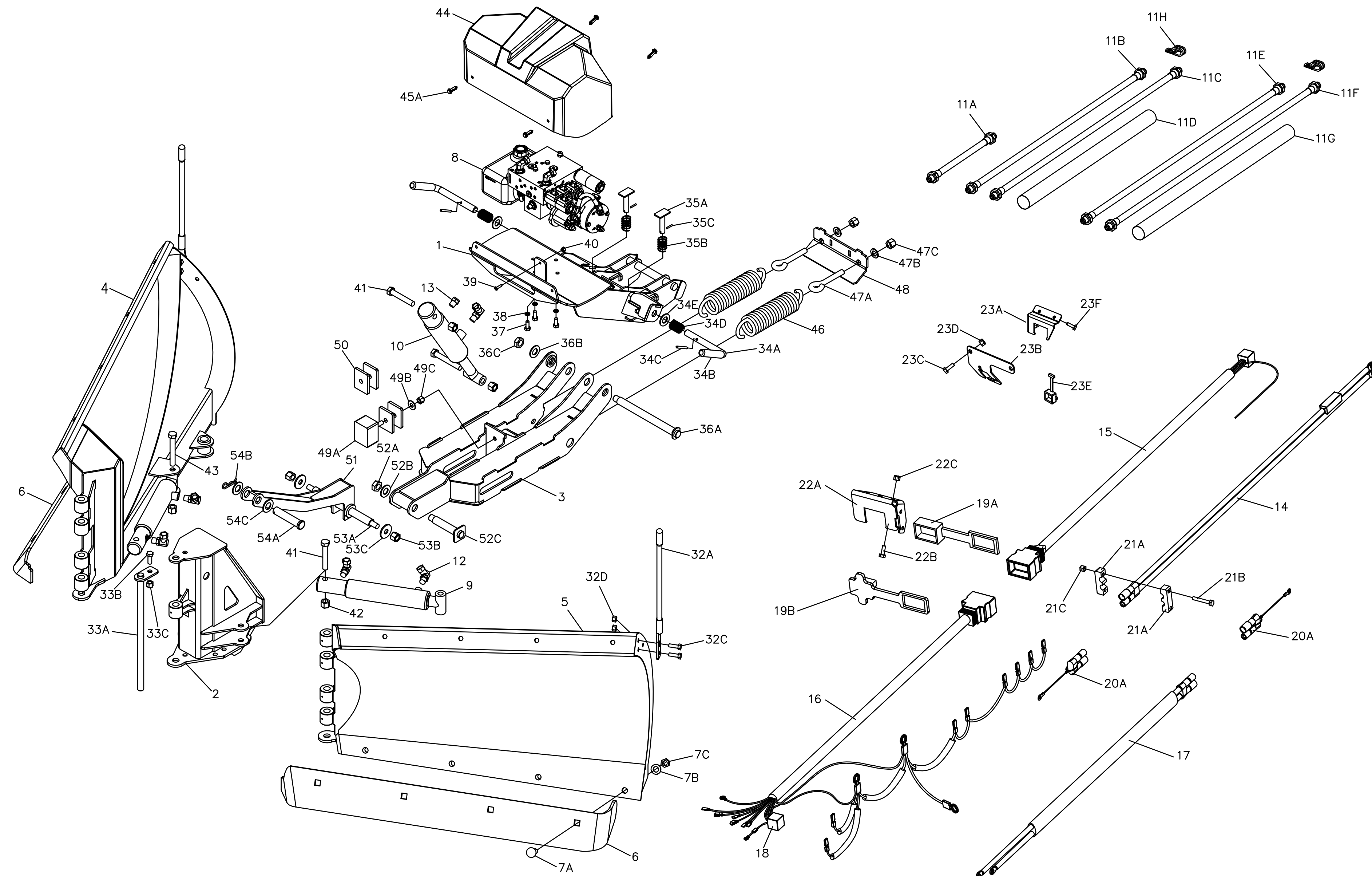
# ATV/MID-SIZE UTV POWER-V XT PLOWS

## PARTS EXPLOSION

2015-2016

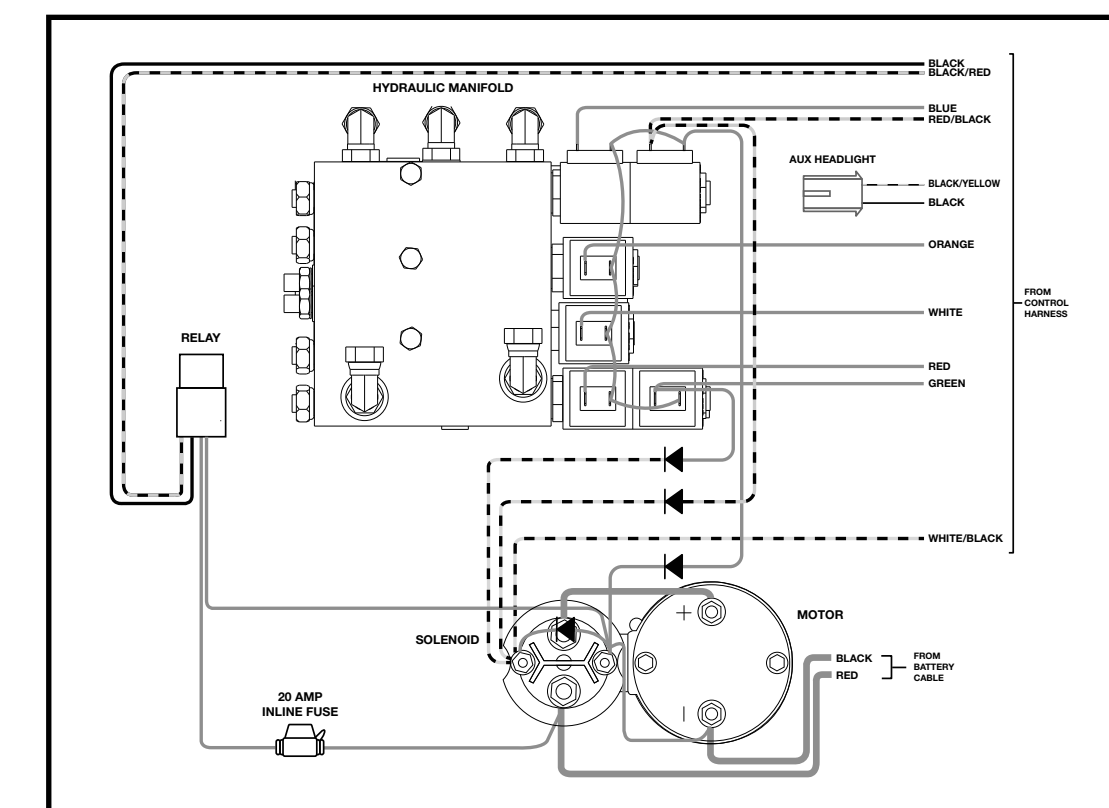


MAIN ASSEMBLIES		
1	Coupler Assembly w/Pins	CPA13560
2	Center Section	CHA13430
3	Pushframe	TFR13420
4	Blade Assembly Right 5'6" w/Cutting Edge	BAR13480
5	Blade Assembly Left 5'6" w/Cutting Edge	BAL13470
CUTTING EDGES		
6	Cutting Edge Half, Formed, Right, 5'6" V	BAR13481
	Cutting Edge Half, Formed, Left, 5'6" V	BAL13471
7	Cutting Edge Bolt Kit	BAX00034
7A	Includes: (10) Carriage Bolt 1/2" - 13 X 1-3/4" GR5	
7B	(10) Washer, 1/2" Hardened	
7C	(10) Nut, Oval Top Lock 1/2"	
HYDRAULIC POWER UNIT		
8	Hydraulic Pump & Manifold	HYD13630
8A	Includes: Hydraulic Pump Motor	HYD12245
CYLINDERS		
9	Hydraulic Angle Cylinder	HYD13636
10	Hydraulic Lift Cylinder	HYD13635
HOSES & FITTINGS		
11	Kit, Hose Bundle	HYD13893
11A	Includes: (1) Hydraulic Hose (Lift), 1/4" X 10-1/4", (1/4" MNPT X 1/4" MNPT)	HYD13608
11B	(1) Hydraulic Hose (Angle), 1/4" X 41", (1/4" MNPT X 1/4" MNPT)	HYD13895
11C	(1) Hydraulic Hose (Angle), 1/4" X 43", (1/4" MNPT X 1/4" MNPT)	HYD13896
11D	(1) Hose Wrap, 1 1/2" ID X 31"	HYD13898
11E	(1) Hydraulic Hose (Angle), 1/4" X 49", (1/4" MNPT X 1/4" MNPT)	HYD13896
11F	(1) Hydraulic Hose (Angle), 1/4" X 51", (1/4" MNPT X 1/4" MNPT)	HYD13897
11G	(1) Hose Wrap, 1 1/2" ID X 37"	HYD13899
11H	(2) Clamp, 1/2" Double Hose	HYD13892
12	Hydraulic Swivel Fitting, 90 Degree, (3/8" MOR X 1/4" FPS)	HYD01620
13	Breather Vent Fitting, 1/4" MP	HYD07078
ELECTRICAL		
14	Power/Ground Cable 10ft, Vehicle Side	HYD13656
	Power/Ground Cable 4ft, Vehicle Side (Optional)	HYD13600
15	Control Harness, Vehicle Side	MSC13603
16	Control Harness, Plow Side	MSC13788
17	Power/Ground Cable, Plow Side	HYD13601
18	Relay, 12V	MSC04294
19	Kit, Control Harness Weather Plug & Cap	MSC04581
19A	Includes: (1) Weather Cap, Control Harness, Vehicle Side	
19B	(1) Weather Cap, Control Harness, Plow Side	
20	Kit, Power/Ground Cable Dust Cap	MSC05081
20A	Includes: (2) Dust Cap, Power/Ground	
21	Kit, Power/Ground Cable Mount Bracket w/Hardware	MSC09097
21A	Includes: (2) Mounting Bracket, Power/Ground Cable	
21B	(2) Hex Head Cap Screw, 1/4" - 20 X 1-3/4", GR5, YZN	
21C	(2) Nut, Nylon Locking, 1/4" - 20, YZN	
22	Kit, Control Harness Mounting Bracket w/Hardware	MSC13673
22A	Includes: (1) Mounting Bracket, Control Harness, Tube Mount	
22B	(2) Hex Head Cap Screw, 1/4" - 20 X 3/4", GR5, YZN	
22C	(2) Nut, Nylon Locking, 1/4" - 20, YZN	
23	Kit, Control Harness Mounting Bracket w/Hardware	MSC13695
23A	Includes: (1) Mounting Bracket, Control Harness, Flush Mount	
23B	(1) Plug Bracket, Control Plug	
23C	(2) Hex Head Cap Screw, 1/4" - 20 X 3/4", GR5, YZN	
23D	(2) Nut, Nylon Locking, 1/4" - 20, YZN	
23E	(1) Weather Cap, Control Plug	
23F	(2) Screw, 1/4"	
CONTROLLER		
24	Control Kit, ATV	MSC13818
25	Switch Box Control, ATV	MSC13812
26	Switch w/Gasket, Raise/Lower, ATV	MSC13718
27	Switch w/Gasket, Angle, ATV	MSC13446
28	Fastener Kit, Switch Box Control, ATV	HDW13710
28A	Includes: (2) Switch Box Control Mount Bracket	
28B	(4) Washer, 1/4" Star	
28C	(1) U-Bolt, 1/4" - 20, #04	
28D	(1) U-Bolt, 1/4" - 20, #06	
28E	(4) Nut, Nylon Locking, 1/4" - 20, YZN	
28F	(4) Rubber End Cap, 1/4"	
28G	(2) Thumb Screw, 1/4" - 20 X 7/16"	
29	Control Kit, ATV/UTV	MSC13789
30	Includes: V-Blade Hand Held Control, SmartTouch2	MSC09601
31	Swivel Mount Kit	MSC05058
31A	Includes: (1) Swivel Mount	
31B	(1) Tab	



HARDWARE		
32	Kit, Blade Guide w/Hardware	MSC13652
32A	Includes: (2) Blade Guide	
32B	(2) Hex Head Cap Screw, 5/16" - 18 X 1", Spinlock, Self Tap, GR5, YZN	
32C	(4) Hex Head Cap Screw, 5/16" - 18 X 1", GR5, YZN	
32D	(4) Nut, Nylon Locking, 5/16" - 18, YZN	
33	Kit, Center Hinge Pin	MSC13447
33A	Includes: (1) Center Hinge Pin	MSC13465
33B	(1) Hex Head Cap Screw, 3/8" - 16 X 1", GR5, YZN (Center Hinge Pin)	HDW01717
33C	(1) Nut Nylon Locking, 3/8" - 16, YZN (Center Hinge Pin)	HDW01720
34	Kit, Coupler Attachment Pin	MSC13674
34A	Includes: (1) Coupler Attach Pin	
34B	(1) Coupler Attach Pin Grip	
34C	(1) Roll Pin, 3/16" X 1-5/8"	
34D	(1) Spring, Attach Pin	
34E	(1) Washer, 5/8" Flat, YZN	
35	Kit, Coupler Plunger Pin	MSC13675
35A	Includes: (1) Coupler Plunger	
35B	(1) Spring, Plunger Pin	
35C	(1) Roll Pin, 1/8" X 3/4"	
36	Kit, Pivot Pin (Coupler to Pushframe)	MSC13676
36A	Includes: (1) Pivot Pin	
36B	(1) Washer, 5/8" Flat, YZN	
36C	(1) Nut, Jam, Oval Top Lock, 5/8" - 11, YZN	
37	Hex Head Cap Screw, 5/16" - 18 X 3/4", GR5, YZN (Power Unit to Coupler)	HDW07987
38	Washer, 5/16" Split Lock, YZN (Power Unit to Coupler)	HDW07988
39	Bolt, #10 - 32 X 3/4" Phillips Pan Head (Relay Tab to Coupler)	HDW14438
40	Nut, Nylon Locking, #10 - 32 (Relay Tab to Coupler)	HDW05856
41	Hex Head Cap Screw, 1/2" - 13 X 3", GR5, YZN (Cylinders)	HDW05508
42	Nut, Nylon Locking, 1/2" - 13, YZN (Cylinders)	HDW01748
43	Hex Head Cap Screw, 1/2" - 13 X 3-1/2", GR5, YZN (Cylinders)	HDW01779
44	Coupler Cover	MSC13647
45	Plastic Rivet Kit, Tuflok	MSC13677
45A	Includes: (10) Plastic Rivet, Tuflok	
46	Spring, Trip	MSC13459
47	Kit, Eye Bolt, Trip Spring	HDW13448
47A	Includes: (1) Eye Bolt, 1/2" X 4-1/4", YZN (Trip Spring)	
47B	(1) Washer, 1/2" Flat, YZN (Trip Spring)	
47C	(1) Nut, Nylon Locking, 1/2" - 13, YZN (Trip Spring and Cylinder)	
48	Spring Plate, Trip Spring	MSC13458
49	Kit, Bumper Stop, with Mounting Hardware	MSC13449
49A	Includes: (1) Bumper Stop	MSC13044
49B	(1) Washer, 3/8" YZN	
49C	(1) Nut, Self-Locking 3/8" - 16 YZN	
50	Shim Plate, Bumper Stop	MSC13043
51	Spring Yoke	MSC13445
52	Kit, Horizontal Hinge Pin	MSC13450
52A	Includes: (1) Jam Nut, 5/8" - 11 YZN	
52B	(1) Washer, 1 1/16" ID X 1-3/4" OD, YZN	
52C	(1) Pin, Horizontal Hinge, Threaded	
53	Kit, Spring Pin, with Mounting Hardware	MSC13451
53A	Includes: (1) Spring Pin, Threaded	
53B	(2) Nut, Nylon Locking, 1/2" - 13, YZN	
53C	(2) Nylon Washer, .521 X 1.49 X .12, Black	
54	Kit, Clevis Pin, with Mounting Hardware	HDW13452
54A	Includes: (1) Clevis Pin, 3/4" X 3-1/2"	
54B	(1) Cotter Hairpin, #16, YZN	
54C	(2) Washer, 3/4" Flat, YZN	

OPTIONS & ACCESSORIES		
	Dielectric Grease (1 oz.)	MSC03423
	Boss High Performance Hydraulic Fluid - 1 Quart	HYD01835
	Boss High Performance Hydraulic Fluid - Case (12 Quarts per)	HYD01704



SLS13628

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Patent: www.ttcopats.com

