

John Deere

2210 Boxer

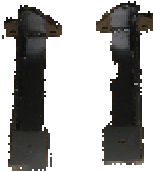
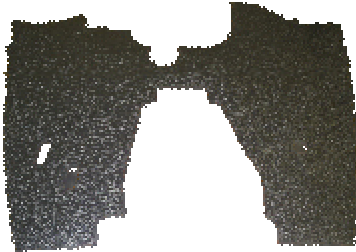
Parts List & Mounting Instructions

Jodale • Perry

Printed: 2004/02

John Deere 2210 Boxer Mounting Instructions

Standard Parts List

Qty	Description	Photo
L&R	Rear Mounting Brackets	
L&R	Front Mounting Brackets	
2	Front Bracket Spacers	
1	Underseat Upholstery	
2	Cab Lift Brackets (1" Tube)	
2	3/8" Black Snap Caps	
15.5 LF	180° O-rubber	
1	Floormat	
L&R	Floormat Retainers	

NOTE: All references to left and right are taken from the operator's point of view when he/she is sitting in the driver's seat.

John Deere 2210 Boxer Mounting Instructions

Standard Bolts List

Qty	Description
4	Bolt, Hex, ½" x 3", Gr. 8, Yellow Dichrome
4	Nut, Hex, ½", Gr. 8, Yellow Dichrome
10	Washer, Lock, ½"
2	Washer, Flat, Steel, 9/16" x 2 ½", Yellow Dichrome, (Trimmed 1 Side)
2	Washer, Flat, Rubber, 9/16" x 2 ½"(Trimmed 1 Side)
2	Washer, Flat, Steel, 9/16" x 2 ½", Yellow Dichrome
2	Washer, Flat, Rubber, 9/16" x 2 ½"
6	Bolt, Flange, M12x1.75x50MM, Gr. 10.9, Yellow Dichrome
4	Isolator, Rubber, 9/16" x 3", Black
6	Nut, Flange, ¼", Macro-black
6	Bolt, Flange, ¼" x ¾", Yellow Dichrome

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John Deere 2210 Boxer Mounting Instructions

Optional Parts Lists

Heater Option (if equipped)

Qty	Description	Photo
2	Fitting, 3/8NPT x 3/8" Barb, Straight	
2	Clamp, Hose, MH-6	
2	Clamp, Hose, HS-20	
1	Splicer, Hose, 1" (JDPASM0042)	
1	Adapter, Sensor, M16	
30 LF	3/8" Heater Hose	

Washer Option (if equipped)

Qty	Description	Photo
1	Washer Bottle Bracket (Left and Right Shown)	
1	Washer Bottle	
4	Nut, Flange, 1/4", Macro-black	
4	Bolt, Flange, 1/4" x 1/2", Yellow Dichrome	

NOTE: All references to left and right are taken from the operator's point of view when he/she is sitting in the driver's seat.

John Deere 2210 Boxer Mounting Instructions

NOTE: Use the following torque specifications for all hardware: ½" hardware 73 ft-lbs, 3/8" hardware 42 ft-lbs, 5/8" hardware 177 ft-lbs.

1. Remove the 2-post ROPS, seat, seat and belt holders. If the tractor is equipped with either a front end loader or mid-mount mower attachment, to make installation easier, remove quick-tach loader and drop mid-mount mower.
2. Take the front mounting bracket and position it against three-hole bolt pattern that matches on the tractor frame. If tractor is NOT equipped with a loader, use the front bracket spacer on the inside of the bracket. Use the M12 x 50 flange bolts and loosely fasten into place. Do not torque to specification until cab is mounted. See Figure 1. Repeat for the right side.



3. Take the upholstery piece and place it on the seat platform. Ensure there is adequate clearance for all levers and then glue into place. See Figure 2.

4. Move to the cab. Remove the left door, right escape window, lower right window, and lower rear window. Take the cab lift brackets and bolt through the

hole in the upper A-C crossmember. Using a chain or lifting strap, mount to lift brackets and prepare to lift cab off of shipping pallet. Unbolt the cab from the shipping pallet and lift cab off of pallet.

Figure 2



5. Use the blueprint provided and install the O-rubber as shown in the drawing.

6. Take the left rear bracket and one ½" x 3" hex bolt, steel flat washer, rubber flat washer, ½" lock washer, and ½" hex nut and loosely bolt the bracket into place on the cab. It is necessary to install the bracket to the cab before it is installed on the tractor. See Figure 3 & 4.

Figure 3



NOTE: All references to left and right are taken from the operator's point of view when he/she is sitting in the driver's seat.

John Deere 2210 Boxer Mounting Instructions

Figure 4

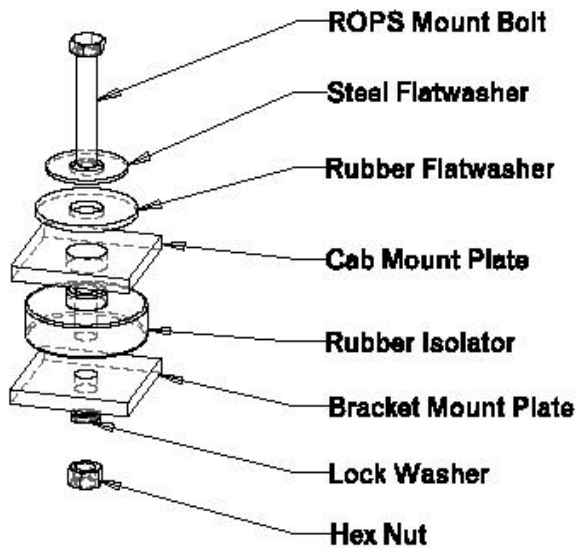
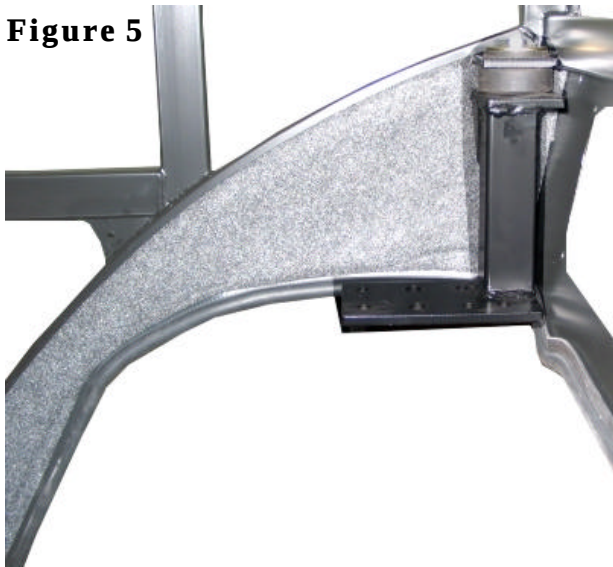


Figure 5



7. Repeat for the right bracket, See Figure 5.

8. NOW YOU ARE READY TO MOUNT THE CAB. Place one rubber isolator mount on each front bracket mount pad and lift the cab over the tractor. Slowly lower the cab over the tractor until the front cab mount is on the isolator mounts and the rear brackets are on the fender. Use the one sided notched rubber & steel flat washers for the front mounts. Use

one 1/2" x 3" hex bolt, steel flat washer, rubber flat washer, 1/2" lock washer, and 1/2" hex nut for each mount and bolt cab to brackets. Re-use the factory 2-post ROPS fasteners for the rear brackets. Ensure that the cab is sitting square on the tractor and once all bolts have been started, torque all bolts to specifications. The rubber mounts should be torqued until there is a 7/8" space between the steel mounting plates.

9. Remove the cab lift brackets. Take the 3/8" snap caps provided and put into the holes in the A-C crossmember. Re-install the rear plastic panels onto the cab.

10. Locate the wires at the bottom of the A-post. Connect the heavy red wire to 12V. Connect the heavy black wire to tractor ground. Connect the orange wire to a switched source on the tractor.

Proceed with steps 11 to 13 if cab is equipped with the heater option only.

11. Drain antifreeze from engine before proceeding. Remove the thermostat sensor, and the O-ring from the right side the thermostat housing as shown in Figure 6. USE A WATER SEALANT MATERIAL AROUND ALL FITTINGS. Screw the 16MM sensor adapter into the thermostat housing. Re-install the O-ring and then the thermostat sensor into the end of the adapter. Insert the 3/8 barb x 3/8 NPT 180° fitting (pressure) into the senser adapter.

12. Locate the lower radiator hose. Cut out a short section and install the rad hose splicer. Use the HS-20 hose clamps provided. Insert the 3/8 barb x 3/8 NPT 180° fitting (suction) into the splicer, see Figure 7. Run the hose to the heater

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Figure 6



Figure 7



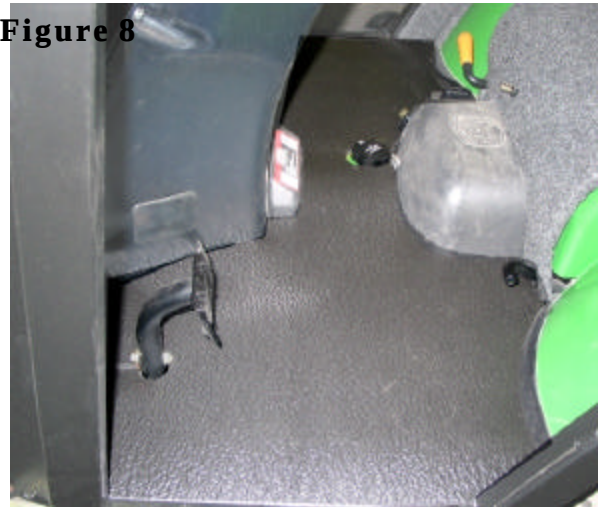
fittings and ensure that there is adequate hose and then cut the hose. Attach the pressure hose to the pressure fitting and the other hose to the suction fitting. Attach the hose with two HS-6 clamps.

13. Refill the engine anti-freeze. Open the cab heater valve using the rotary control on the switchplate and turn on the fan. Start the vehicle and run at PTO RPM for five minutes to build up engine heat. Check for leaks and add anti-freeze if required. For maximum

heater efficiency, all air trapped in the heater system must be evacuated. Continue running the engine and adding antifreeze as required until cab heater produces hot air. TIP: when purging system of air, open radiator cap when running the engine. NOTE: The heater should be produce HOT air at PTO RPM, continue tweaking the heating system until that point is reached.

14. Take the floormat piece and position it on the operator platform. Ensure that there is adequate clearance for the pedals and then take the floormat retainer strips along with $\frac{1}{4}$ " x $\frac{3}{4}$ " flange bolts and nuts and bolt down floormat. See Figure 8.

Figure 8



15. To ensure maximum protection against sound and moisture penetration, use a black urethane sealant to fill all cracks and small openings around the floormat and silicone sealant around the various sealants.

16. If cab is installed with a front washer, take the washer bottle mounting bracket and position over the left rear bracket. Remove the left two bolts from the lower rear window, and install the

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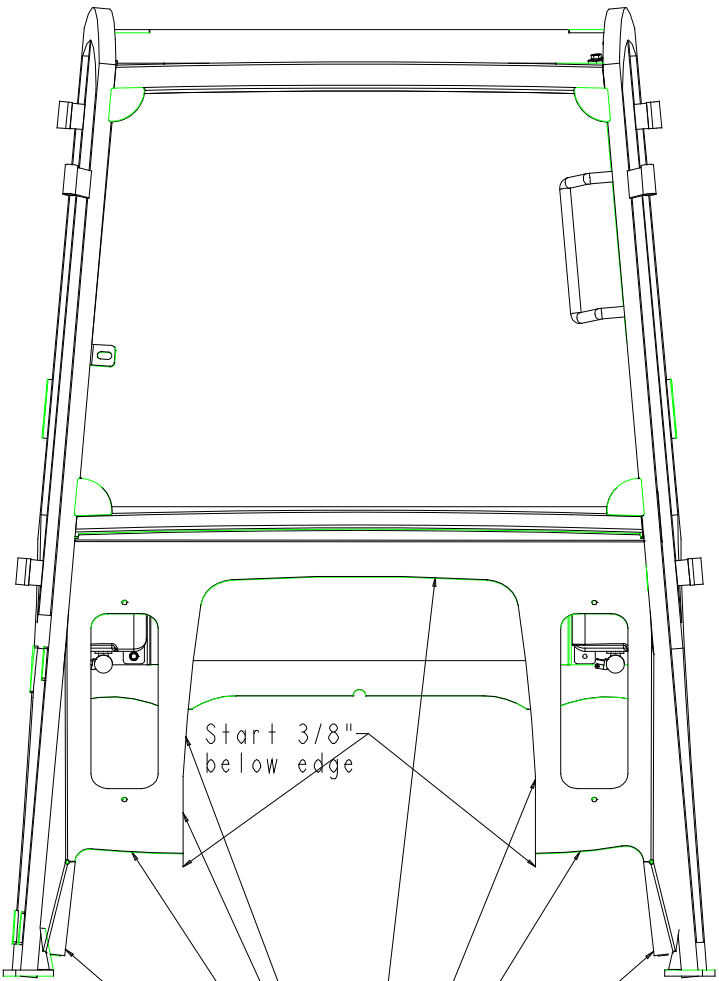
bracket with those two bolts as shown in Figure 9.

17. Take the $\frac{1}{4}$ " x $\frac{1}{2}$ " flange bolts and nuts and bolt the washer bottle to the bracket. Take the wiring and hose that is the conduit on the b-post and connect the washer bottle.

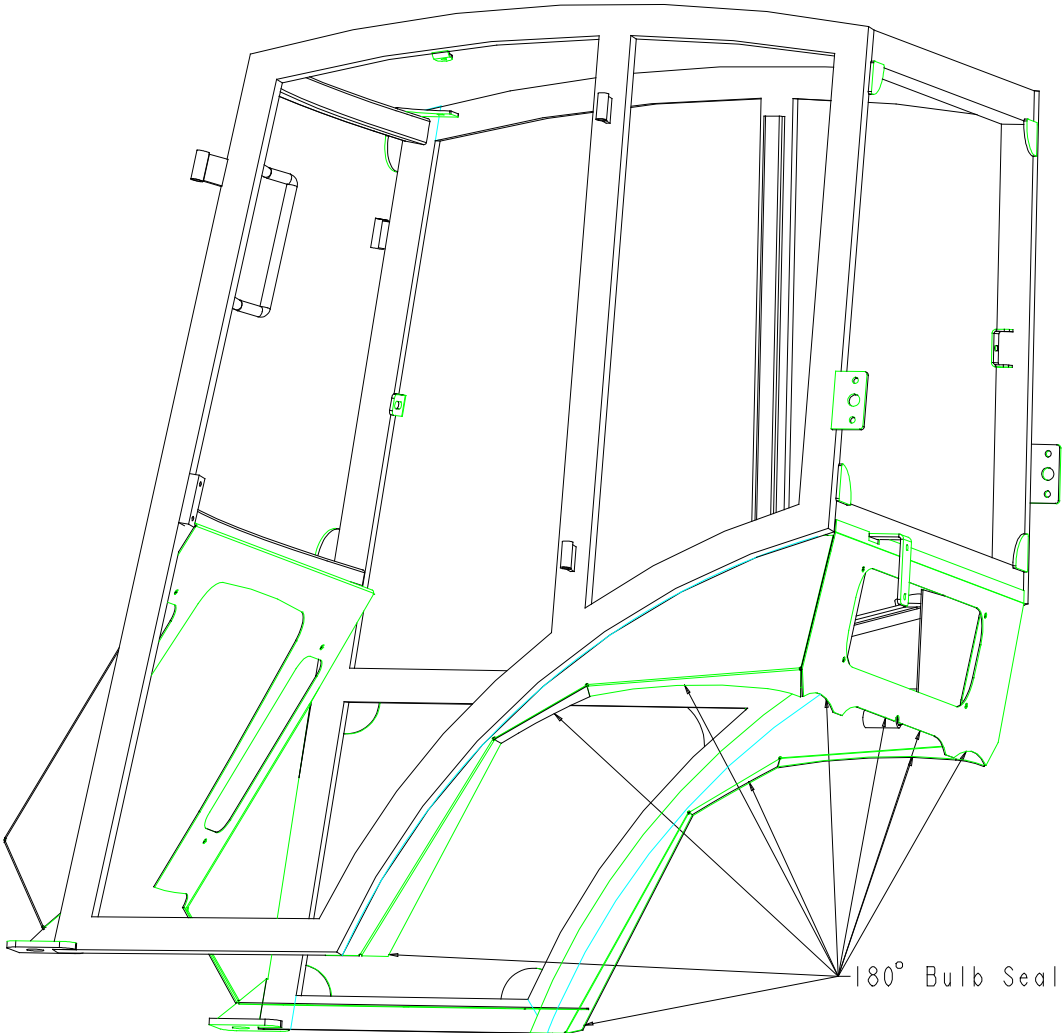
Figure 9



NOTE: All references to left and right are taken from the operator's point of view when he/she is sitting in the driver's seat.



180° Bulb Seal



180° Bulb Seal

ADDENDUM ALL Mounting Instructions

Electrical Connectors List

Qty	Description
2	Connectors, Loop, 10GA, ¼”
1	Connectors, Loop, 10GA, ½”
1	Connectors, Loop, 10GA, 3/8”
1	Splicer, Wire, Blue

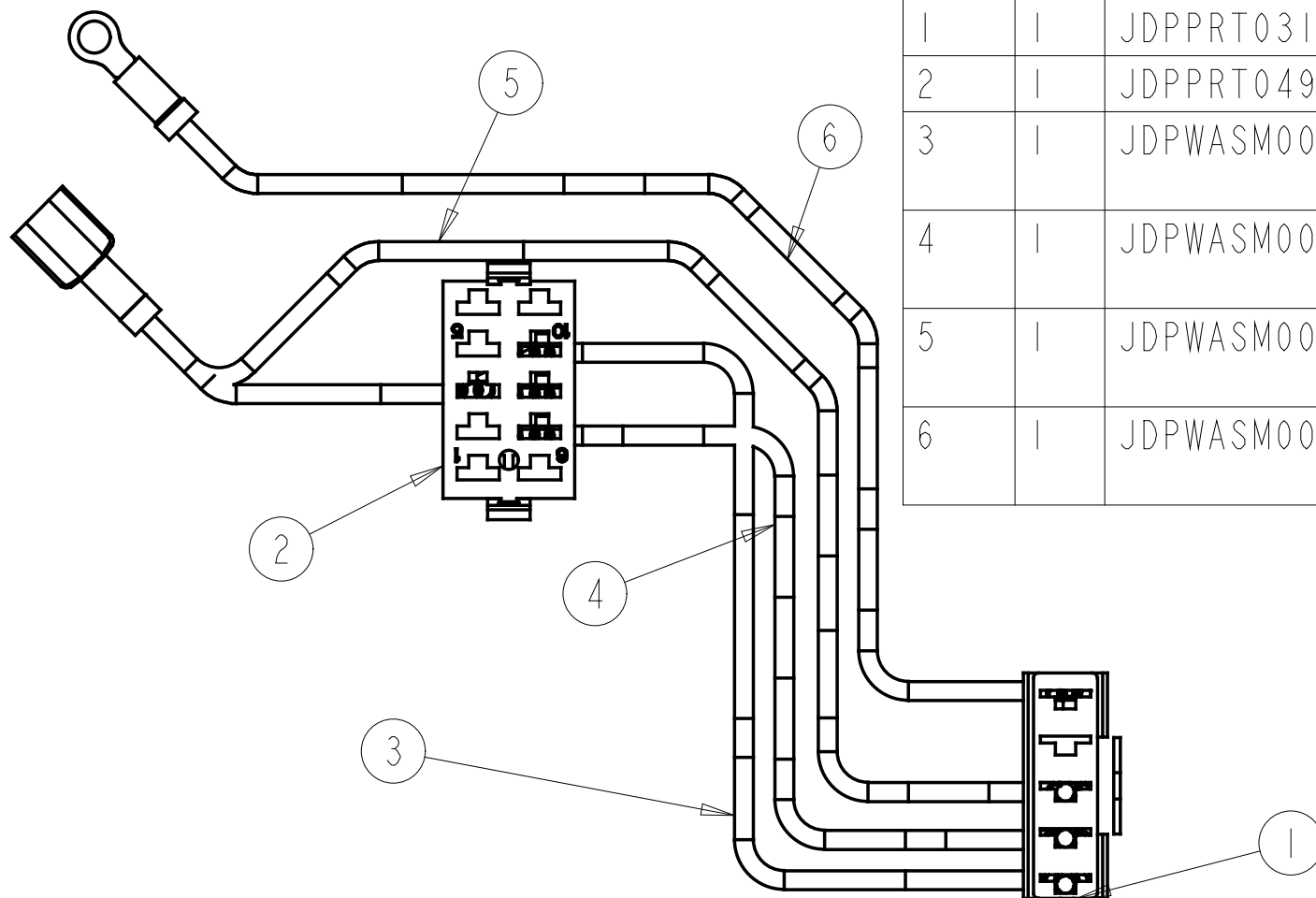
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Revision	Decision	Date

Item	Qty	File #	Description
1	1	JDPPRT0318A	Connector
2	1	JDPPRT0497	Connector
3	1	JDPWASM0040_1	L Wiper To Switch #9 & # 3
4	1	JDPWASM0040_2	H Wiper To Switch #7
5	1	JDPWASM0040_3	P Wiper To Switch #8 & Fuse
6	1	JDPWASM0040_4	Ground Wiper To Groud Fuse Block



Tolerances:
Unless otherwise specified
X.X = $\pm 1/16"$
Angular = $\pm 1.0^\circ$

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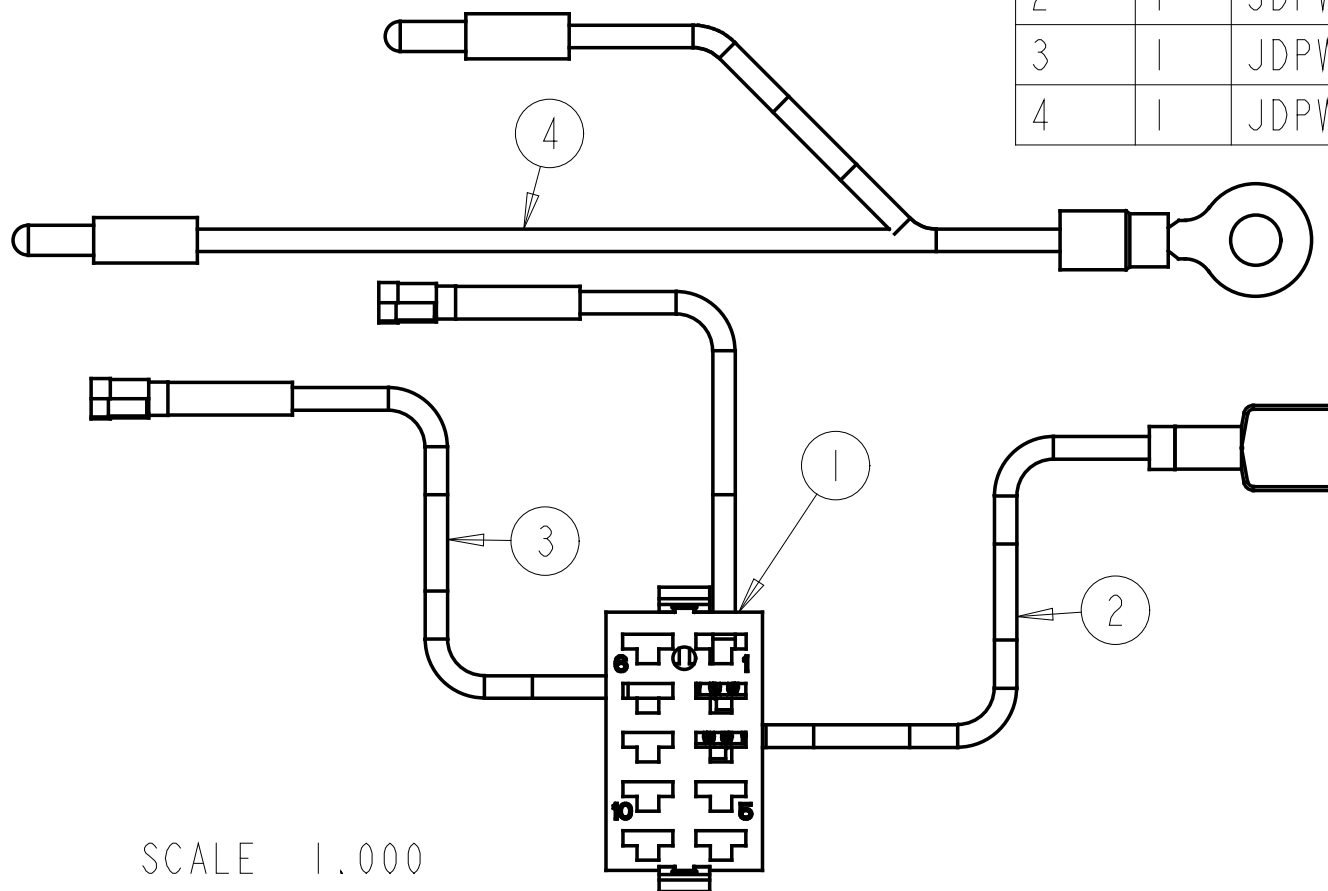
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Material		Req'd	JODALE PERRY CORPORATION Box 909, 300 Route 100, Morden MB, Canada			
			Title Wiper Harness			
Drawn By Dave Friesen	Date 2006-01-04	Size A	Part Number	Project	Rev	
Checked By	Date	Scale	Units Imperial	File Number JDPWASM0040		

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SCALE 1.000

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Revision			Decision	Date
Item	Qty	File #	Description	
1	1	JDPPRT0497	Connector	
2	1	JDPWASM0041_1	Fuse To # 3	
3	1	JDPWASM0041-2	# 2 To Light	
4	1	JDPWASM0041_3	Light To Ground	

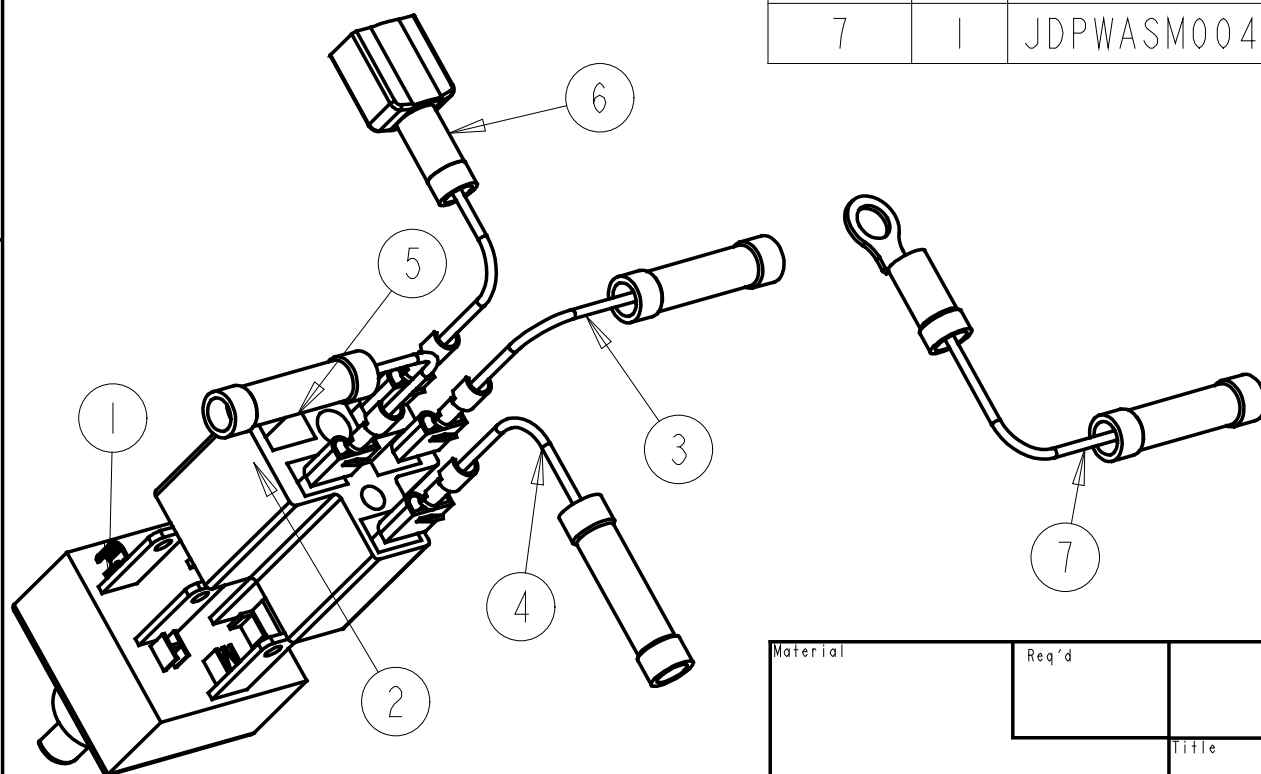
Tolerances:
Unless otherwise specified
X.X = $\pm 1/16"$
Angular = $\pm 1.0^\circ$

Material		Req'd		JODALE PERRY CORPORATION Box 909, 300 Route 100, Morden MB, Canada			
				Title Work Light Harness			
Drawn By Dave Friesen		Date 2006-02-02		Size A	Part Number	Project	Rev
Checked By		Date		Scale	Units Imperial	File Number JDPWASM0041	

B

A

		Revision	Decision	Date
Item	Qty	File Number	Description	
1	1	JDPPRT0178	3-Speed Fan Switch	
2	1	JDPPRT0482	Terminal Block Fan Switch	
3	1	JDPWASM0042_1	Low Speed Fan Motor	
4	1	JDPWASM0042_2	Medium Speed Fan Motor	
5	1	JDPWASM0042_3	Hi Speed Fan Motor	
6	1	JDPWASM0042_4	Fuse Power	
7	1	JDPWASM0042_5	Motor Ground	



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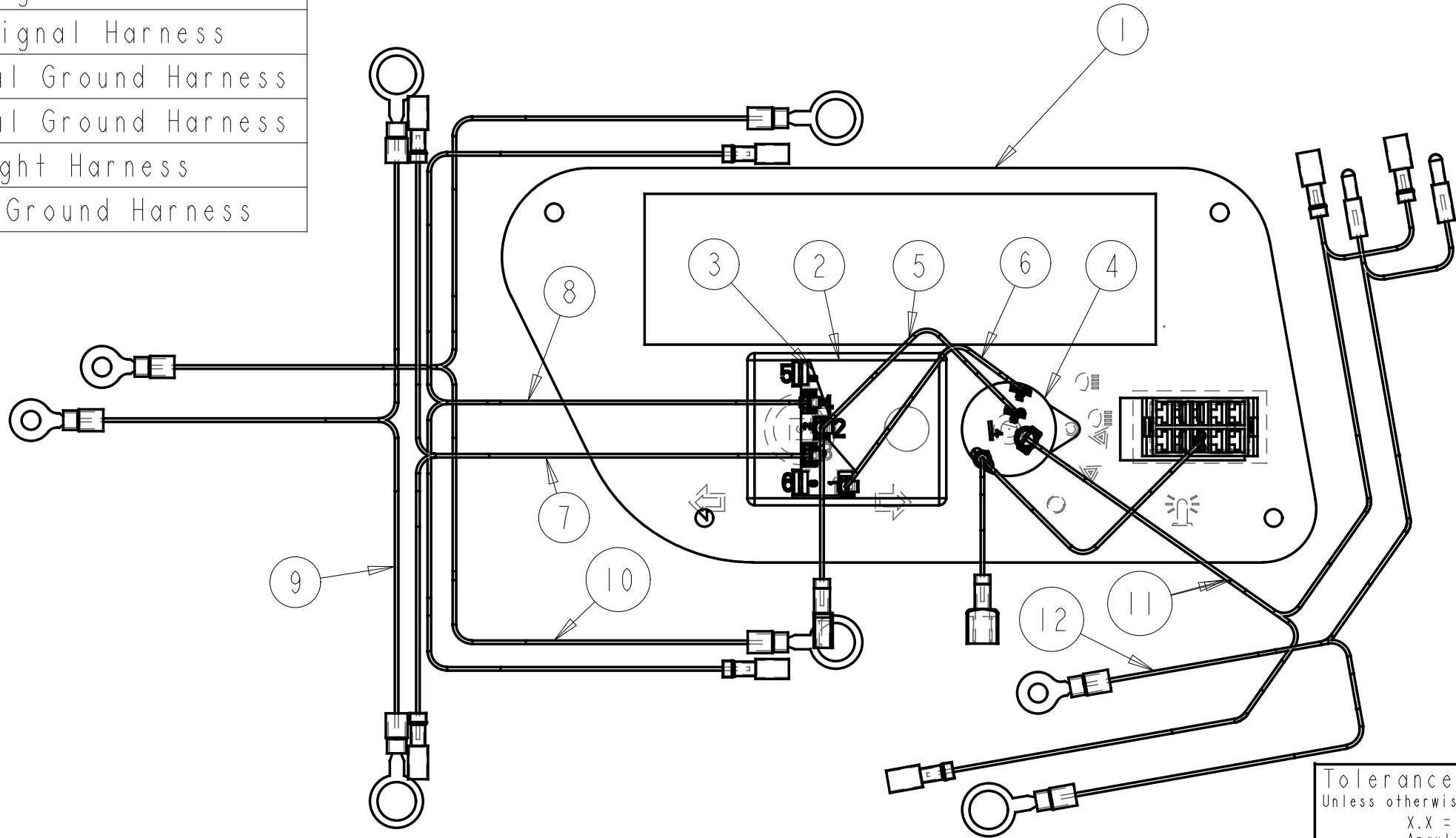
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Material		Req'd		JODALE PERRY CORPORATION Box 909, 300 Route 100, Morden MB, Canada			
				Title 3-Speed Fan Power Harness			
Drawn By Dave Friesen		Date 2006-06-07		Size A	Part Number	Project Boxer Parts	Rev
Checked By		Date		Scale	Units Imperial	File Number JDPWASM0042	

Item	Qty	File Number	Description
1	1	JDPASM0106	Switch Plate Assembly
2	1	JDPPRT0179	Hobbs Flasher
3	1	JDPPRT0510	Hobbs Connector
4	1	JDPPRT0410	Road Light Switch
5	1	JDPWASM0043-1	Power Harness
6	1	JDPWASM0043-2	Flasher Power Harness
7	1	JDPWASM0043-3	RH Turn Signal Harness
8	1	JDPWASM0043-4	LH Turn Signal Harness
9	1	JDPWASM0043-5	RH Turn Signal Ground Harness
10	1	JDPWASM0043-6	LH Turn Signal Ground Harness
11	1	JDPWASM0043-7	Road Light Harness
12	1	JDPWASM0043-8	Road Light Ground Harness



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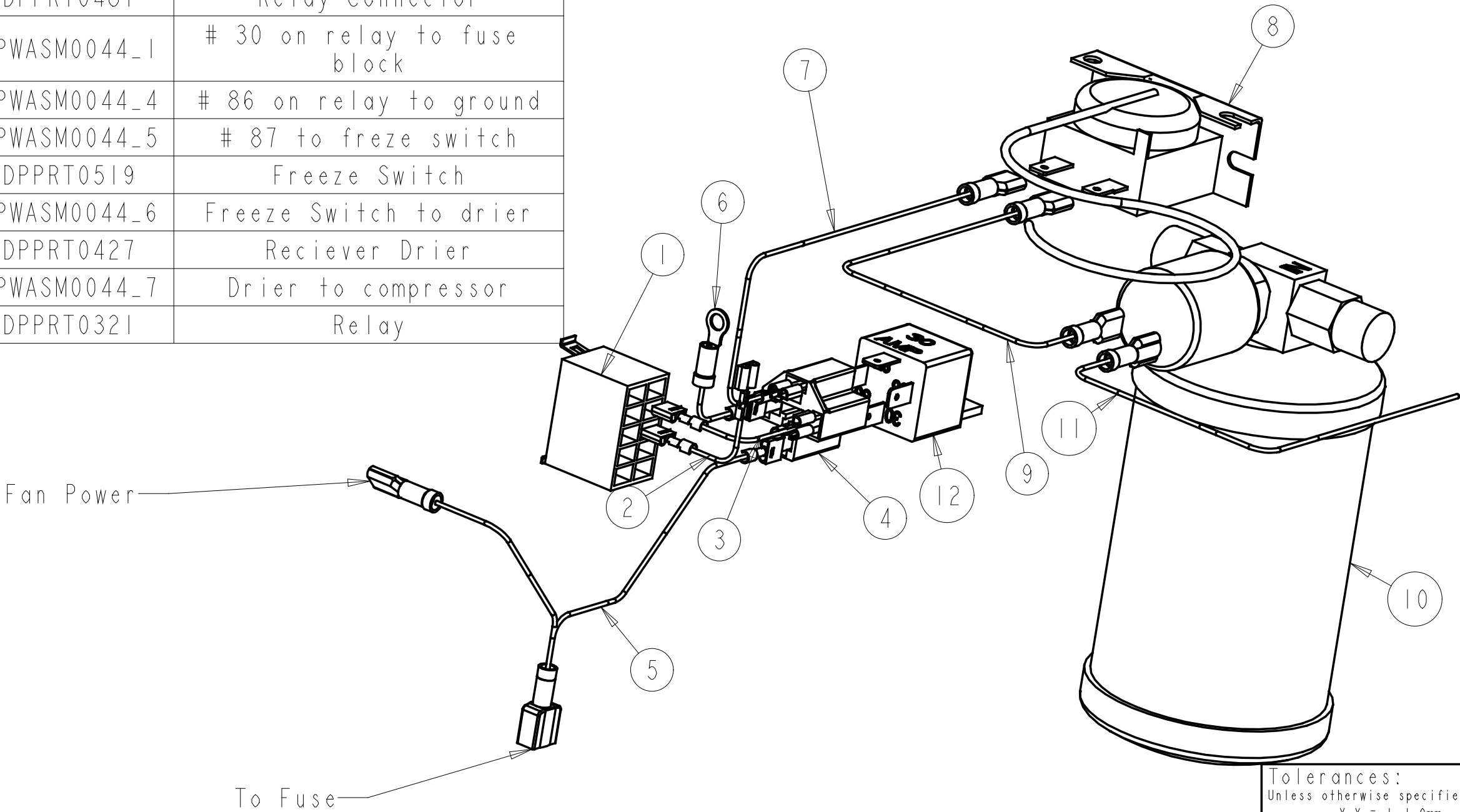
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Material		Req'd		JODALE PERRY CORPORATION Box 909, 300 Route 100, Morden MB, Canada							
				Title BOXER Roadlight Switch Assembly							
Drawn By Dave Friesen		Date 2006-04-28		Size B	Part Number		Project		Rev		
Checked By		Date		Scale		Units Imperial	File Number JDPWASM0043				

Tolerances:
Unless otherwise specified
X.X = $\pm 1.0\text{mm}$
Angular = $\pm 1.0^\circ$

Item	Qty	Length	Color	File Number	Description
1	1			JDPPRT0497	14GA Switch Connector
2	1	5"	Red	JDPWASM0044_2	# 3 To C on Fan Switch
3	1	10"	White	JDPWASM0044_3	#4 To 85 on relay
4	1			JDPPRT0481	Relay Connector
5	1	6" 4"	Red	JDPWASM0044_1	# 30 on relay to fuse block
6	1	9"	Black	JDPWASM0044_4	# 86 on relay to ground
7	1	18"	White	JDPWASM0044_5	# 87 to freze switch
8	1			JDPPRT0519	Freeze Switch
9	1	18"	White	JDPWASM0044_6	Freeze Switch to drier
10	1			JDPPRT0427	Reciever Drier
11	1		White	JDPWASM0044_7	Drier to compressor
12	1			JDPPRT0321	Relay

Revision	Decision	Date



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Angular = ± 1.0°

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SCALE 0.700

Material		Req'd	JODALE PERRY CORPORATION Box 909, 300 Route 100, Morden MB, Canada			
			Title A/C Power Harness			
Drawn By Dave Friesen		Date 2006-06-07	Size B	Part Number	Project	Rev
Checked By		Date	Scale	Units Imperial	File Number JDPWASM0044	