



## **42385 - Vehicle Wiring Installation Instructions**

### ***Mitsubishi Outlander Sport 2011-2013***

1. Open the rear hatch door and remove taillights by removing two Phillips head screws holding each in place. Behind each taillight remove the grommet that the wire harness is routed through, going from inside of the vehicle to the taillight. Inside the grommet hole locate the vehicle's taillight wiring harness connector.
2. Remove the cargo area floor covering and spare tire cover. Remove the rear scuff panel by removing two plastic fasteners holding it in place and pulling up. Remove the screws holding the rear trim panels in place. Partially remove the driver and passenger side rear trim panels by pulling outward.
3. On the driver side behind the access panel insert the T-Connector end with the yellow wire between the separated connectors. Attach T-Connector's being careful not to damage the connector locking tabs. Re-install the grommet and taillight.
4. Route the T-Connector end with the green wire to the passenger's side behind the panel and along the threshold. Repeat step 3 for the T-Connector end with the green wire.
5. On the drivers side locate and secure the T-Connector black converter module with ny-ties (provided) to prevent damage or rattling and being careful to avoid areas the would cut or pinch the wire.
6. Locate a suitable grounding point near the converter module. Clean dirt, paint and rust proofing from area. Drill a 3/32" hole and secure white wire with ring terminal using screw (provided.) Verify what is behind any surface prior to drilling to avoid damage to the vehicle and /or personal injury. Do not drill into any exposed exterior surfaces.
7. Attach the red power feed wire (provided) by crimping the blue butt splice on to the converter module assembly. Route the red power feed wire out of the rear driver side underneath the vehicle, and secure along underside of vehicle routing it to the vehicle battery securing it as needed with ny-ties (provided.) Route the wire being careful to avoid any hot pipes, heat shields, the fuel tank or any other points that may pinch or break the wire.
8. Install the fuse assembly with the blue butt splice onto the red 14 ga. power feed wire crimping the blue butt splice to hold it in place
9. Attach the fuse assembly clear ring terminal to the positive 12VDC battery cable clamp bolt
10. Re-install and secure all loose wiring behind the side panels, trim, etc. on both the driver side and passenger side of vehicle. Be careful to avoid any areas that would cut or pinch the wire.
11. Route the 4-wire flat connector to near the center of the rear hatch opening. The 4-way flat connector can now be laid on the flat surface to the right or left of the hatch latching mechanism so that it will let the 4-wire flat hang out undamaged from under the hatch lid when closed for towing. Stow 4-flat connector in vehicle when not in use.
12. Attach the 4-way flat dust cover (provided) to the 4-way flat connector.
13. Apply a small amount of grease (provided) to the 4-way flat terminals to prevent corrosion.
14. Plug completed wire harness into the trailer 4-way flat connector.
15. Test all functions with the engine running to ensure proper operation.
16. **Caution:** Overloading circuit can cause fires. Don't exceed lower of towing manufacturer rating or :  
Max. Stop/turn light: (3 amps each side)  
Max. Tail lights: (6 amps)  
Read vehicle's owner's manual & instruction sheet for additional information.

#### **TIPS:**

Grease applied to the wiring terminals on a regular basis will help prevent corrosion.  
Always unplug boat trailer connector before backing trailer into the water.

**Need Help? (English Only)**  
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