

TEKONSHA 118869 T-One T-Connector Harness 4-Way Flat with Circuit Protected ModuLite HD Module Instruction Manual

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WARNING:

- ALWAYS read and follow all warnings and instructions included with purchase before beginning installation.
 Keep for future reference.
- **DO NOT** exceed lower of towing manufacturing rating (including in your vehicle owner's manual) or specific amperage ratings stated on product.
- ALWAYS read, understand and follow all warnings and instructions printed on tow vehicle's battery.
- ALWAYS wear safety glasses and use all safety precautions during installation

TOOLS REQUIRED

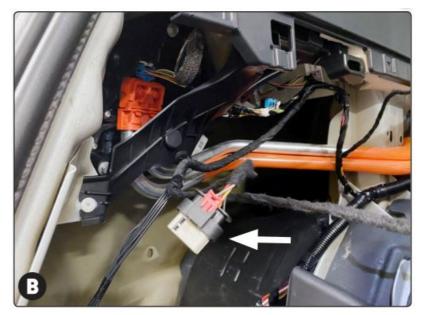
- Trim Panel Remover,
- · Philips Head Screwdriver,
- 8mm Socket or wrench,
- Drill (3/32" Drill Bit),
- · Wire Crimpers,
- · Wire Cutters,
- Test-probe

Installation

1. Open trunk lid to locate the vehicle wiring inside the vehicle's rear cargo area. Remove threshold and felt cargo liner, being careful to not break any mounting hardware or tabs. A



- 2. In the trunk. Starting on the driver's side, pull back both the driver's and passenger's side felt liners to expose the vehicles tail light wiring connector's.
- 3. Locate wiring connector's mating T-One® Connector harness. Disconnect the vehicle wiring harness from both driver's and passenger's taillight assemblies being careful to not damage any locking tabs. B
- 4. On the driver's side, insert the T-One® Connector end, with the yellow wire, between the vehicle wiring connectors and lock into place. Be careful not to damage the locking tabs and be sure that connectors are fully inserted with locking tabs in place. B
- 5. On the Driver's side, mount the T-One® Connector black box using the double-sided tape provided. Secure the remainder of the T-One® Connector harness with the cable ties provided, to prevent damage or rattling and being careful to avoid any areas that would cut or pinch the wire.
- 6. Locate a suitable grounding point near the black box such as an existing ground stud or drill a 3/32" hole and secure the white wire using the eyelet and screw provided. Clean dirt and rustproofing from area.
 Caution: 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 surfaces.
- 7. Route the T-One® Connector end with green wire along the threshold and behind felt liner to the passenger's side taillight pocket area.
- 8. On the passenger's side, insert the T-One® Connector end, with the green wire, between the vehicle wiring connectors and lock into place. Be careful not to damage the locking tabs and be sure that connectors are fully inserted with locking tabs in place. B



9. Locate the panel below the windshield wipers, remove the panel to access the vehicle's battery being careful to not break any mounting tabs. C



10. Disconnect the vehicle's Negative (-) battery cable. If not removed, remove the fuse from the yellow fuse holder (provided). After cutting the fuse holder wire, attach the ring terminal and secure to the vehicle's Positive (+) battery cable. Connect the other end of the fuse holder to the black 12 ga. wire, using the yellow butt connector (provided). d

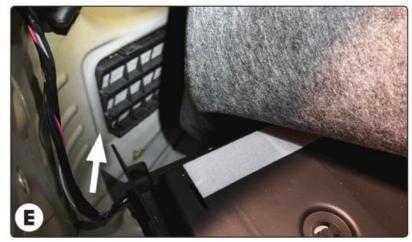


11. Beginning from the front of the vehicle, route the black 12 ga. wire rearward along the frame rail avoiding any

hot pipes, heat shields, the fuel tank or any other points that may pinch or break the wire.

WARNING: If routing the wire thru a grommet and along the exterior of the vehicle, be careful to avoid any hot pipes, heat shields, the fuel tank or any other points that may pinch or break the wire.

12. Locate the vent on the driver's in the rear cargo area. From underneath route through the vent the black 12 ga wire up into the cargo area. e NOTE For ease of installation use a fish wire through the vent to pull the black 12 ga power from underneath vehicle.



- 13. Connect the other end of the black 12 ga. wire to the black power wire located on the T-Connector's black box, using the yellow butt connector (provided).
- 14. Reconnect the vehicle's Negative (-) battery cable and install the 15 amp fuse into the fuse holder from step 10. **WARNING:** Read and follow all warnings and cautions printed on the tow vehicle's battery. All connections must be complete for the T-One® Connector to function properly. Test and verify installation with a test light or trailer once installed. For initial test, reset vehicle electrical system by temporarily removing the key from the ignition.
- 15. Reinstall the plastic trim panels, threshold, floor covering and other items that may have been removed during installation, being careful not to pinch or cut the wires.

NOTE: Store 4-Flat connector in rear cargo area when not in use.

WARNING: Overloading circuits can cause fires. DO NOT exceed stated product ratings. Read the vehicle's owner's manual & instruction sheet for additional information

Documents / Resources



<u>TEKONSHA 118869 T-One T-Connector Harness 4-Way Flat with Circuit Protected Modulite HD Module</u> [pdf] Instruction Manual

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