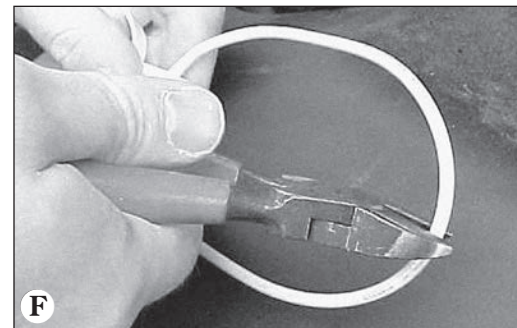
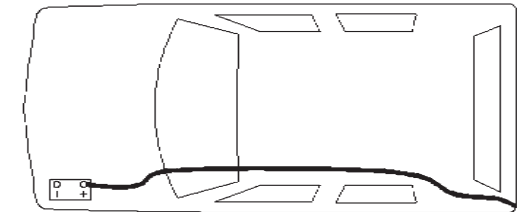
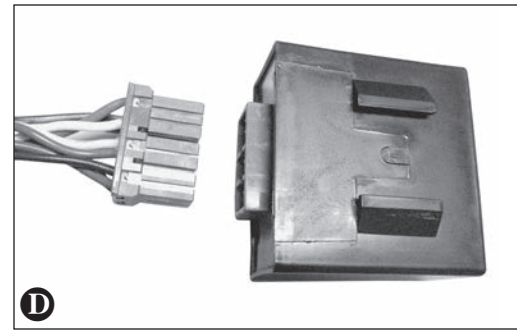
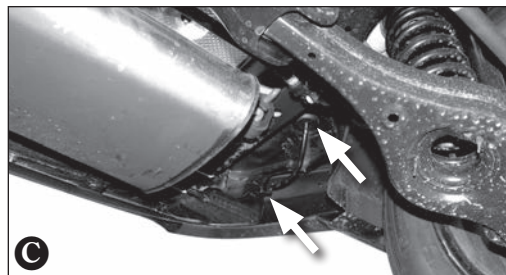
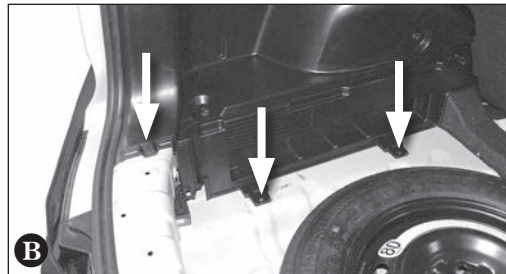
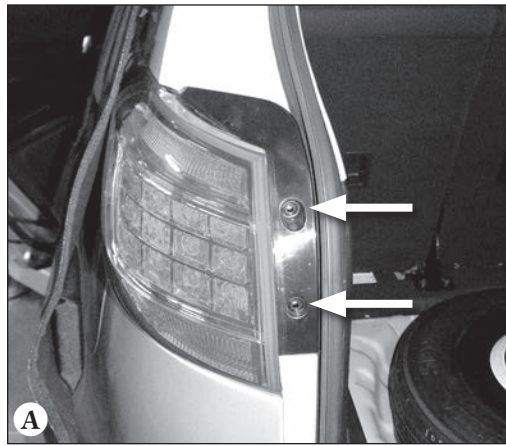


Installation Instructions

T-Connector



KIA Sportage



TOOLS REQUIRED:

Trim Panel Remover, 10mm Socket & Ratchet or 10mm Wrench, Drill (3/32" Drill Bit), 1/4" socket, Wire Crimpers, Wire Cutters, Philips Head Screwdriver, Fish Tape, Test-probe

1. Disconnect and isolate the vehicle's negative battery terminal.

⚠ CAUTION

Read and follow all warnings and cautions printed on the tow vehicle's battery. Open rear hatch. On driver's side only, remove two screws on taillight assembly. Then pull the taillight housing directly rearward to remove. Remove the taillight housing and set aside. **A**

2. Temporarily remove the rear threshold plate, storage covers and floor covering.

⚠ CAUTION

On driver's side, remove 3 screws from side trim panel. **Do Not Remove Panel.** Removing panel can result in damage. **B**

3. Underneath rear of vehicle, on driver's side, locate vehicle's wiring harness. It will have a connection point matching the T-Connector harness. Separate this connector, being careful not to break the locking tabs. All connector surfaces should be clean and free of dirt. Unseat the grommet on vehicle's wiring harness. Push the grommet and harness into vehicle. **C**

4. From inside rear cargo area, locate the vehicle wiring harness from behind the side trim panel. Be careful not to pull and damage the trim panel. Plug the T-Connector with the **yellow/green** wires into the vehicle's mating connector. Be careful not to damage the locking tabs and be sure that connectors are fully inserted with locking tabs in place. Route the other end and the T-Connector with the **red/brown** wires behind the side trim panel and out of the exposed hole. Continue routing wire up to grommet and seat grommet.

5. Underneath rear of vehicle, on driver's side, locate T-Connector. Plug the T-Connector with the **yellow/green**

wires into the vehicle's mating connector. Be careful not to damage the locking tabs and be sure that connectors are fully inserted with locking tabs in place.

6. Route T-Connector with **red/brown** wires up to driver's side taillight pocket, exposed in step 1. Plug the T-Connector with the **red/brown** wires into the vehicle's mating connectors. Be careful not to damage the locking tabs and be sure that connectors are fully inserted with locking tabs in place. Reassemble the taillight assembly.

7. Locate a suitable grounding point near the connector such as the vehicle's frame or cross member. (Do not drill into vehicle floor or bed. Do not drill into any exposed surfaces.) Clean dirt and rust proofing from area. Drill a 3/32" hole and secure white wire using eyelet and screw provided.

⚠ 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."

8. Locate the T-Connector's Grey 12-Pin connector and insert it into the mating connector located on the black box-module. Check to see that the mating surfaces of the wiring connectors match. All connector surfaces should be clean and free of dirt. Be careful not to damage the locking tabs and be sure that connectors are fully inserted with locking tabs in place. **D**

Connect the black 12 ga. wire and the two black wires from the T-Connector's grey 12-Pin connector with the supplied yellow butt connector

Either route the black wire thru a grommet and along the exterior frame or follow the existing wiring along the thresholds into the engine compartment up to the battery avoiding areas that may pinch or break the wire. **E**

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). **F**

9. Reconnect the vehicle's Negative (-) battery cable and install the 15 amp fuse into the fuse holder from step 8.

⚠ WARNING

All connections must be complete for the T-Connector to function properly. Test and verify installation with a test light or trailer once installed.

10. Locate a flat surface in an out of the way place and mount the T-Connector's black box-module, to prevent damage or rattling.

NOTE

This surface should be in an area that is free of any moisture and mounted in an area that it is high enough where it could not be exposed to direct contact with any water or liquid substance.

⚠ WARNING

The black box-module is intended to be mounted **ONLY** in the **INTERIOR** of the vehicle. Mounting on the exterior or areas exposed to the elements or moisture could cause serious damage to the vehicle and module.

Secure the remainder of the T-Connector harness with the cable ties provided, to prevent damage or rattling and being careful to avoid any areas that would pinch, cut or melt the wire.

11. Reinstall the plastic trim panels, threshold, storage covers, 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 circuit can cause fires. **DO NOT** exceed lower of towing manufacturer rating or:

- Max. stop/turn light: 2 per side (4.2 amps)
- Max. tail lights: (7.5 amps)

Read vehicle's owners manual & instruction sheet for additional information.

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