



43785 - Vehicle Wiring Installation Instructions

Hyundai Elantra 4-Dr. 2007-2010

Hyundai Sonata Except Hybrid 2006-14

1. Open the trunk. Temporarily remove the rear threshold plate. Partially remove the felt trunk liner behind the taillights.
2. On the Driver's side, disconnect the vehicle wiring harness from the taillight socket. Plug the Hopkins® T-Connector end with the yellow wire in-between the mating plugs on the driver's side taillight socket and vehicle wiring harness.
3. On the driver's side, route the T-Connector end with the green wire to the passenger's side along the threshold and behind the felt trunk liner. Disconnect the vehicle wiring harness from the taillight socket. Plug the Hopkins T-Connector end with the green wire in-between the mating plugs on the passenger's side taillight socket and vehicle wiring harness.
4. Route the 4-way flat connector harness to near center of door latching mechanism.
5. On the driver's side, locate and secure the T-Connector black converter box with ny-ties (provided) to prevent damage or rattling and being careful to avoid areas that would cut or pinch the wires.
6. Locate a suitable grounding point near the black converter module to attach to vehicle's frame. Clean dirt, paint and rust proofing from area. Drill a 3/32" hole and secure white wire with ring terminal using self-tapping screw (provided). Verify what is behind any surface prior to drilling to avoid damage to the vehicle. Do not drill into any exposed surfaces.
7. Attach the red power feed wire (provided) by crimping the yellow butt splice on the black converter box assembly. Route the red power feed wire to the vehicle battery, and secure to vehicle with nyties (provided) as needed. Route the wire being careful to avoid any hot pipes, heat shields, fuel tank or any other points that may pinch or break the wire.
8. Install the fuse assembly with the yellow butt splice (provided) onto the red 12 ga. power feed wire crimping the yellow butt splice to hold it in place.
9. Attach the fuse assembly (provided) with yellow ring terminal to the positive 12VDC battery cable clamp bolt.
10. Reinstall the rear threshold, felt liner and any other items removed during installation. Being careful to avoid any areas that could cut or pinch the wires.
11. Route the 4-way flat harness to either side of the receiver hitch and secure it with ny-ties.
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: 1 lamp per side (3 amps)
Max. tail lights: (6 amps)
Read vehicle's owner manual & instruction sheet for additional information.

TIPS:

Grease applied to the wiring terminals on a regular basis will help prevent corrosion.

Unplug boat trailer connector before backing trailer into the water.

Need Help? (English Only)
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