



43835 - Vehicle Wiring Installation Instructions

Hyundai Santa Fe 2007 – 2012

Kia Forte (4 Door) 2010- 2012

1. Open rear lift gate. On the driver side remove access panel to locate rear taillight. Repeat on the passenger side. Remove threshold, trunk floor panels and trays. Set aside all items removed being careful not to damage parts.
2. Remove two screws in the threshold plate area, to gain access behind trim panels. Being careful not to damage clips, partially remove the lower interior trim panels on each side of the vehicle. Set aside all items removed being careful not to damage parts.
3. On the driver and passenger sides of the vehicle, locate the vehicle's taillight wiring harness. The taillight wiring harness will have a connection point, on both sides, matching the ends of the Hopkins® T-Connector. Separate these connectors, being careful not to break the locking tabs. All connector surfaces should be clean and free of dirt.
4. On the drivers side insert the T-Connector end with the yellow wire, between the vehicle wiring connectors and lock into place. Be sure that connectors are fully inserted with locking tabs in place.
5. Route the T-Connector end with green wire to the passenger's side. Repeat step 4 on the passenger's side with T-Connector end containing the green wire.
6. On the drivers 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 the would cut or pinch the wire.
7. Locate a suitable grounding point near the converter box. (Do not drill into vehicle floor or bed.) Clean dirt, paint and rust proofing from area. Drill a 3/32" hole and secure white wire with ring terminal using screw provided. Do not drill into any exposed exterior surfaces.
8. Disconnect the vehicle's Negative (-) battery cable.
9. Attach the red power feed wire (provided) by crimping the yellow butt splice on the converter module assembly. Route the red power wire to the vehicle battery, and secure to vehicle with ny-ties (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 wire.
10. Install the fuse assembly with the yellow butt splice onto the red 12 ga. power feed wire crimping the yellow butt splice to hold it in place.
11. Attach the fuse assembly yellow ring terminal to the positive 12VDC battery cable clamp bolt. Reconnect the vehicle's Negative (-) battery.
12. Secure all loose wiring behind the panels on both the driver's side and passenger side.
13. Reinstall the plastic trim panels, threshold, storage covers, floor covering and other items removed during installation. Be careful to avoid any areas that would cut or pinch the wire.
14. Route the 4-wire flat connector to near the center of the rear trunk opening. The 4-way flat connector can now be laid on the flat surface to the right or left of the trunk latching mechanism so that it will let the 4-wire flat hang out undamaged from under the trunk door when closed for towing.
15. Route the 4-way flat harness to either side of the receiver hitch and secure it with ny-ties.
16. Attach the 4-way flat dust cover (provided) to the 4-way flat connector.
17. Apply a small amount of grease (provided) to the 4-way flat terminals to prevent corrosion.
18. Plug completed wire harness into the trailer 4-way flat connector.
19. Test all functions with the engine running to ensure proper operation.

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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