



43397 Vehicle Wiring Installation Instructions

5th Wheel Harness

Toyota Tundra w/tow 2007-2009

1. Locate the factory tow harness connectors located underneath the vehicle near the rear bumper. Separate these connectors (2), being careful not to break the locking tabs. Make sure that the mating surfaces of the connectors are free of dirt. Install the Hopkins[®] 5th Wheel Harness between the mating plugs.
2. Once a suitable mounting point for the 7 RV socket is determined, which is usually located between the rear post and the wheel well area on the driver's side, route the harness to this location. In addition, make sure that the 5th wheel trailer's wiring harness will reach this point adequately. While routing the harness, make sure that you leave about 4" of slack or more as it will be needed later during mounting. When routing the wiring harness under the vehicle, be careful to avoid hot pipes, heat shields, the fuel tank, and any pinch points that can damage or break the wire. Also make sure that there is 5" of clearance behind the 7 RV socket flange location for mounting.
3. Before drilling, double check your mounting location for wire lengths to make sure they reach adequately as well as what is behind the surface to avoid damage to the vehicle and/or personal injury. At the site of the mounting location, drill a pilot hole using a 1/4" drill bit and then use a 2" hole saw to finish cutting out the mounting hole. If the tow vehicle has a bedliner, the bedliner will need to be notched or use a longer set of screws (not provided) to mount directly into the bedliner and body panel. Do not drill into any exposed surfaces.
4. Using the 7 RV socket flange mounting holes as a guide, mark the mounting hole locations with a center punch. Once these are marked, use a 3/32" drill bit and drill the four pilot holes as marked.
5. Route the wiring harness through the mounting hole and attach the 7 RV socket end to the harness. Using 4 self tapping screws (not provided) mount the 7 RV socket to the vehicle surface. All wiring connections must be complete for the vehicle wiring harness to function properly. Once installed, test and verify the installation with a test light or trailer. Some vehicles will require a fuse or relay (not provided) to be added for all functions of the 7 RV socket to function correctly.
6. Using the provided cable ties, secure the vehicle wiring harness to the vehicle making sure to avoid heat shields, hot pipes, the fuel tank, and any other pinch points that may damage or break the wire harness.
7. When plugging in the wiring harness and other connectors into the 7 RV socket at the rear of the vehicle, use the provided terminal grease to seal the connections. This will keep moisture from compromising the connections.
8. Plug trailer wire harness into the vehicle 7 RV socket.
9. 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.
A heavy duty flasher may be required to eliminate rapid flashing.

Need Help? (English Only)
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