

# 56166 TOYOTA RAV4 TOYOTA AVALON

## WIRING LOCATION GUIDE GUÍA DE UBICACIÓN DEL CABLEADO IDE D'EMPLACEMENT DES FILS



### MUST READ FIRST!

All steps must be followed to ensure correct function of the T-Connector. To verify proper installation once installed, test by connecting a test light or properly wired trailer.

### ¡DEBE LEERSE PRIMERO!

Debe seguirse todos los pasos para asegurar el correcto funcionamiento del Conector-T. Para verificar la correcta instalación, pruebe conectando una luz de prueba o un remolque debidamente cableado.

### À LIRE D'ABORD!

Pour assurer le bon fonctionnement du T-Connector, il faut suivre toutes les étapes. Pour vérifier que l'installation a été bien effectuée, branchez un feu de test ou une remorque correctement filée.

1/29/2013

## English

### Toyota Rav4

1. Open the hatch. Remove all rear floor cover and the rear cargo area cover (A). Remove the rear scuff panel by pulling up (B). On the driver's side remove the plastic cargo tray next to the spare tire by removing the plastic fasteners holding it in place (C). On both sides of the vehicle remove the rear cargo loop, phillips screws and 10 mm bolt holding the rear trim panel in place.

2. On the driver's side pull back on the top and bottom rear trim to locate the vehicle's taillight wiring harness connectors (E). The connectors will be similar to those on the T-Connector harness. Separate the connectors taking care not to damage the locking tabs (F). Insert the T-Connector end with the yellow wire between the separated connectors. Make sure the connectors are fully inserted with locking tabs in place.

### Toyota Avalon

1. Open the trunk. Remove all rear floor cover and the rear cargo area cover. Remove the rear scuff panel by removing two plastic fasteners on each side pulling up.

2. On the driver's side pull back on the felt trunk liner to locate the vehicle's taillight wiring harness connectors (E). The connectors will be similar to those on the T-Connector harness. Separate the connectors taking care not to damage the locking tabs (F). Insert the T-Connector end with the yellow wire between the separated connectors. Make sure the connectors are fully inserted with locking tabs in place.

### WARNING!

Verify miscellaneous items that may be hidden behind or under any surface before drilling to avoid damage and/or personal injury.

3. Locate a suitable grounding point near the connector such as an existing screw with nut in the vehicle's frame or drill a 3/32" hole and secure the eyelet of the white ground wire using the screw provided.

4. Locate a flat spot and adhere the black converter box to the frame of the vehicle using the double-sided tape provided.

5. Route the the T-Connector end with the green wire across to the passenger side behind the removed scuff panel. Repeat Step 2 on the passenger side using the T-Connector end with the green wire. Use the cable ties provided to secure wires to an existing wiring harness.

6. Route the black power wire from the battery as shown on the CME-PCL-INS sheet (included).

7. Route the 4-flat wire to the center of the vehicle and out the hatch when in use. When not in use roll up and store in an out of the way location in the rear cargo area.

8. Reinstall all items removed during install.

### WARNING:

Mount converter module inside the tow vehicle or in a protected area similar to a vehicle interior. Failure to mount the module in a protected area can cause loss of warranty, product failure including lamp malfunction, overheating and potential fire.

**IMPORTANT:** Battery connection must be fuse protected, 10 amp max. Exceeding the product rating can cause loss of warranty, overheating and potential fire. Do not exceed lower of tow vehicle lamp load rating or:

Signal circuits – 3.0 amps per side  
Tail / Running Lights – 6.0 amps total

Check vehicle owner's manual or contact vehicle manufacturer for more information.

**INSTALLATION QUESTIONS? CALL TECHNICAL SUPPORT AT 1-800-798-0813**



