

# Installation Instructions

## T-One® T-Connector



Mercedes Sprinter

### ⚠ WARNING

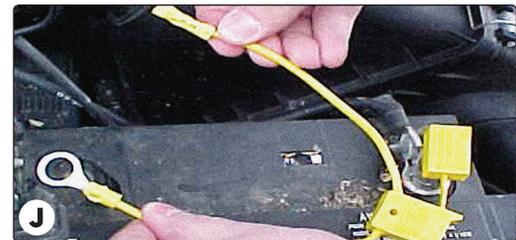
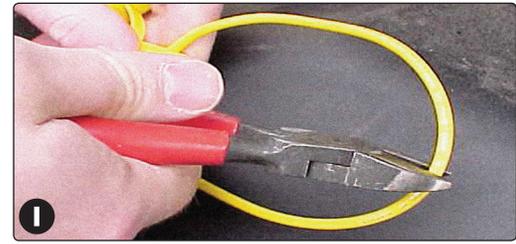
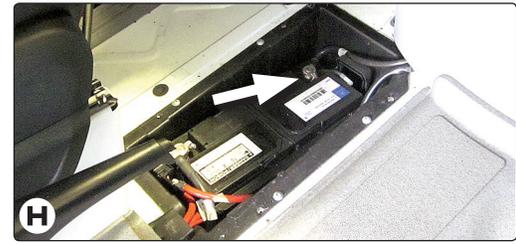


**ALWAYS** read and follow all warnings and instructions included with purchase before beginning installation. Keep for future reference.

**DO NOT** exceed lower of towing manufacturing rating (including in your vehicle owner's manual) or specific amperage ratings stated on product.

**ALWAYS** read, understand and follow all warnings and instructions printed on tow vehicle's battery.

**ALWAYS** wear safety glasses and use all safety precautions during installation.



### 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, Test-probe, Torx 25 driver, Torx 30 driver

1. Open the rear doors and locate the plastic covers that cover the rear of the vehicle taillight on each side. Using a trim panel puller, carefully remove the three covers on each side. The first cover will expose the taillight harness. The two upper covers will assist with routing **A B C**.
2. 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 T-One® T-Connector. Separate this connector, being careful not to break the locking tabs. All connector surfaces should be clean and free of dirt **B**.
3. Locate a flat surface near the taillight area inside the vehicle and mount the T-One® T-Connector's black box-module, to prevent damage or rattling.
4. On the driver's side, insert the T-One® T-Connector end, with the **yellow** wire, between the vehicle wiring connectors and lock into place. Be careful not to damage the locking tabs and be sure that connectors are fully inserted with locking tabs in place.
5. Route the T-Connector end with the **green** wire up through the inner channel to the roof area of the vehicle. Following existing wiring, route over to passenger side concealing the wire behind the plastic wire covers when possible. Secure to existing wiring using cable ties provided **C**.

6. Route the wires down through the holes that were exposed in step 1. Repeat step 4 on the passenger side with the T-Connector end containing the **green** wire.
7. On the driver's side, locate a suitable grounding point near the connector. Clean dirt and rustproofing from the area. Drill a 3/32" hole and secure the **white** wire using the 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. From inside the vehicle, connect the **black** 12 ga. wire and the **black** wire from the T-One® T-Connector black box with the supplied yellow butt connector. Route the wire up through the channel to the roof area of the vehicle and following existing wire. Route wire to the forward towards the driver seat. Conceal the wire behind the plastic wire cover when possible. Secure to existing wiring using cable ties provided **D**.
9. Continue to route the wire behind the trim panel next to the driver seat to the floor of the vehicle, being careful to avoid areas that would cut or pinch the wire **E**.
10. Gain access to the vehicle battery underneath the driver's side floor area. Remove the three screws holding the trim threshold in place. Pull back floor cover to expose the metal battery cover. Remove the screws and pull off the metal cover to expose the battery **F G H**.
11. Continue to route the **black** wire to the battery underneath the floor covering following the existing wiring.

12. Disconnect the vehicle's Negative (-) battery cable **H**. If not removed, remove the fuse from the yellow fuse holder (provided). After cutting the fuse holder wire **I**, attach the ring terminal and secure to the vehicle's Positive (+) battery cable **J**. Connect the other end of the fuse holder to the **black** 12 ga. wire, using the yellow butt connector (provided).

### ⚠ WARNING

Read and follow all warnings and cautions printed on the tow vehicle's battery.

13. Reconnect the vehicle's Negative (-) battery cable and install the 15 amp fuse into the fuse holder from step 12.

### ⚠ WARNING

All connections must be complete for the T-One® T-Connector to function properly. Test and verify installation with a test light or trailer once installed. For initial test, reset vehicle electrical system by temporarily removing the key from the ignition.

14. Secure the remainder of the T-One® 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.
15. Replace the battery cover, floor coverings, rear plastic covers and all other items remove during the installation.

### NOTE

Store 4-Flat connector in rear cargo area when not in use.



### ⚠ WARNING

Overloading circuits can cause fires. DO NOT exceed stated product ratings. Read vehicle's owner's manual & instruction sheet for additional information.