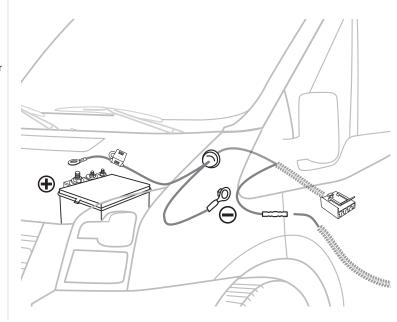


## **BRAKE CONTROL HARNESS:**

- Determine a suitable mounting point on the tow vehicle for the Electric Brake Control Harness.
- Note: Brake Control not included. Brake Control Harness designed to work with Tekonsha® Brake Controls such as: 90195, 90885 or 90160. Go to www.tekonsha.com for more details or where to buy.
- Route the Brake Control Harness'White/Blue/Black wires through an existing grommet on the fire wall and into the engine compartment. Route wires through grommet by creating a small hole in the grommet to pass the wires through.
- Route the Brake Control Harness' white wire to existing vehicle chassis ground point. Using
   provided ring terminal, mount.
- Route the Brake Control Harness' Black wire to vehicle's positive post underneath hood. Using 30 amp fuse holder (Brake Control), butt connector, and ring terminal, connect.
- Route Blue wire (Electric Brake Output) to Body Harness Blue wire. Using butt connector, connect blue wires.
- Route the Red wire (Cold Side Input) to the Body Harness Red wire. Using butt connector, connect blue wires.
- Using the supplied convoluted tubing, cover the Blue/Black/Red (and partially cover the white) wires from the grommet to the fuse holder.
- Secure the brake harness connector near desired Brake control mounting location.



## **COMPLETION:**

- Open the hood and locate the vehicle fuse panel on Driver's side. Consulting your owner's manual, locate the Towing Fuse location and insert the 10 Amp fuse (provided).
- **A** WARNING Do not replace with any fuse that exceeds 10 amps.
- Secure harness with the cable ties provided, to prevent damage or rattling. Be careful to
  avoid any areas that would pinch, cut or melt the wire.
- Apply heat directly to butt connectors, working from the center out to the edges, using a hot air gun or other source, until the tubing recovers and the adhesive flows. Allow to cool before inspecting splice and checking integrity.
- Replace all coverings, grommets or any other components that were removed for ease of installation. Some grommets will need to be altered to allow wires to pass through. Seal altered grommets with silicone.
- Reconnect the vehicle's Negative (-) battery cable.
- Test and verify installation with a test light or trailer once installed.

## **TROUBLE SHOOTING GUIDE:**

7-Way not function- ing properly	Ensure T-One <sup>®</sup> T-Connector ends are fully inserted and locked in place. Remove Tow Harness power Module 15 amp fuse for 10 seconds and repeat test.	Check chassis grounds. Ensure ring terminals are in full contact with vehicle's chassis. Remove Tow Harness power Module 15 amp fuse for 10 seconds and repeat test.
No Power to 7-Way	Installation may have activated circuit protection. Start vehicle and turn all functions off: Tail (head lights), brake and turns. Remove Tow Harness power Module 15 amp fuse for 10 seconds and repeat test.	Ensure 15 amp fuse is fully inserted into fuse holder. Fuse should have no breaks. Fuse holder connected properly to positive post of battery. Remove 15 amp fuse for 10 seconds and repeat test. Ensure module is connected to B+. Using a tester or volt meter check for voltage on either side of the yellow butt connector near the module. Remove Tow Harness power Module 15 amp fuse for 10 seconds and repeat test.

## 7-WAY HARNESS:

• Determine 7-Way mounting location.

- Route the 7-Way Harness containing the 7 wires behind rear bumper fascia and over bumper support bracket, towards the Mounting location.
- Using wire insertion detail, pin 7-Way Connector.
- Connect 7-Way connector and 7-Way socket. Mount 7-Way (Bracket not included).

