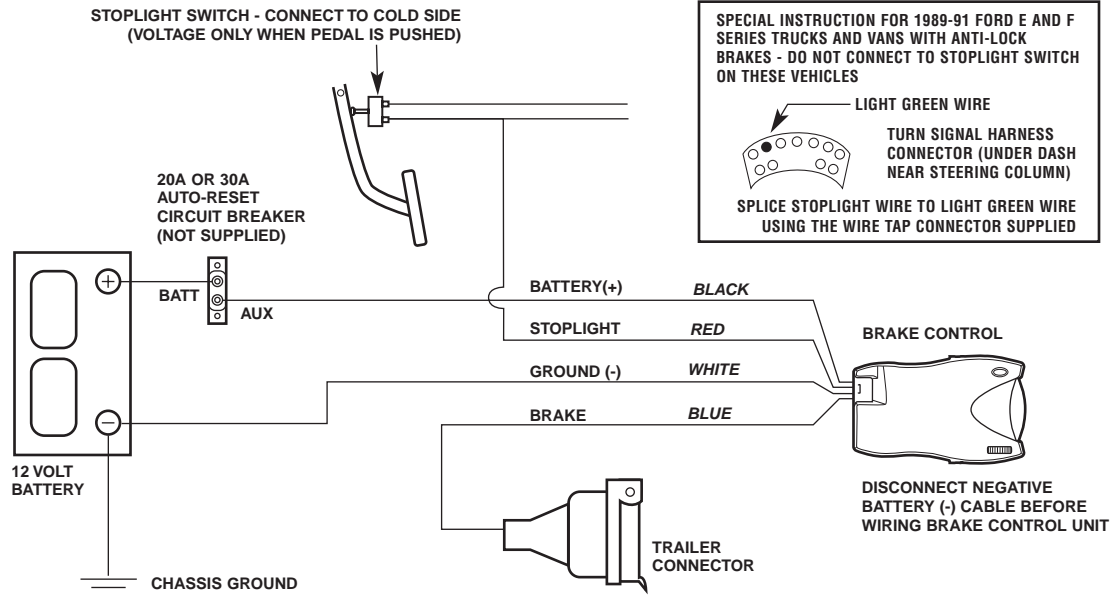


Wiring Instructions For Electronic Brake Controls

Generic Wiring Diagram



READ THIS FIRST:

Read and follow all instructions carefully before wiring brake control. Keep these instructions with the brake control for future reference.

Important Facts to Remember

- The brake control must be installed with a 12 volt negative ground system. (To install with a positive ground system use Tekonsha® P/N 3191.)
- WARNING** Reversing BLACK and WHITE wires or improper wiring will damage or destroy brake control.
- WARNING** Be sure to solidly connect all four wires or brake control will not function properly.
- Soldering is recommended or crimp-on butt connectors are a suitable substitution.
- Route all wires as far from the radio antenna as possible to reduce AM interference.

- CAUTION** Use of proper gauge wire when installing the brake control is CRITICAL; smaller gauge wire may result in less than efficient braking. **Minimum** wire gauges are as follows:
 - 1-2 axle applications – 14 GA.
 - 3-4 axle applications – 12 GA.
- Collection of water inside the trailer connector mounted on the tow vehicle will reduce the life of the connector.
- Technical Assistance Call Toll-Free: 1-888-785-5832 or www.tekonsha.com

Wiring Legend

- + BLACK Wire (Positive Battery)
- WHITE Wire (Negative Battery)
- ⊗ RED Wire (cold side of stoplight switch)
- ☐ BLUE Wire (brake output to trailer)

- The WHITE (-) wire must be connected to a known ground.
- CAUTION** Inadequate grounding may cause intermittent braking or lack of sufficient voltage to trailer brakes. The WHITE wire must be connected to a suitable ground location. The negative terminal of the battery is a suitable ground location in the absence of a Trailer Tow Package connection.
- Connect BLACK (+) wire through an automatic reset circuit breaker (20 amp for 1-2 axles, 30 amp for 3-4 axles) to the POSITIVE (+) terminal of the battery. The BLACK wire is the power supply line to the brake control.
- The RED (stoplight) wire must be connected to the cold side of the brake pedal stoplight switch. Splice down line from the switch; DO NOT disturb the position of the switch.
- The BLUE (brake output) wire must be connected to the trailer connector's brake wire.