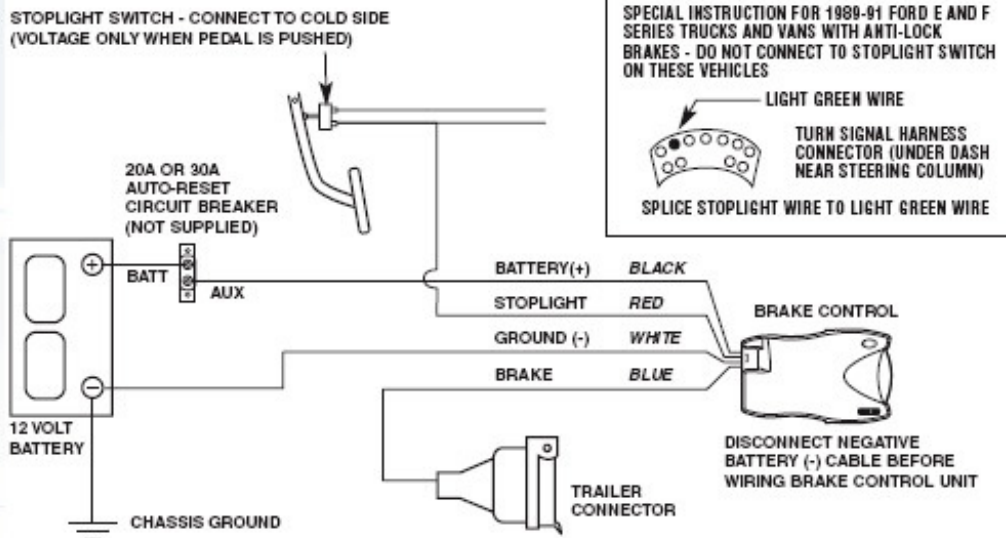


Wiring Instructions For Electronic Brake Controls

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

1. 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.)
2. **WARNING** Reversing BLACK and WHITE wires or improper wiring will damage or destroy brake control.
3. **WARNING** Be sure to solidly connect all four wires or brake control will not function properly.
4. Soldering is recommended or crimp-on butt connectors are a suitable substitution.
5. Route all wires as far from the radio antenna as possible to reduce AM interference.

6. **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.
7. Collection of water inside the trailer connector mounted on the tow vehicle will reduce the life of the connector.
8. 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)

1. The WHITE (-) wire must be connected to a known ground.
2. **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.
3. 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.
4. 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.
5. The BLUE (brake output) wire must be connected to the trailer connector's brake wire.

Brake Control Wiring Harness Chart

⚠ WARNING When using a wiring harness supplied by your vehicle's Manufacturer (OE Harness), DO NOT MATCH COLORS. Please follow wiring chart below.

OE HARNESS	BRAKE CONTROL WIRE	FUNCTION
Chevrolet		
Red	Black	+12 Volts
Light Blue	Red	Stoplight
Black	White	Ground
Dark Blue	Blue	Trailer Brakes
Brown	N/A	Illumination
New Dodge (Green Wire)		
White w/ Red Tracer	Black	+12 Volts
Blue w/ White Tracer	Red	Stoplight
Green w/ Black Tracer	White	Ground
Blue	Blue	Trailer Brakes
Dodge		
Red w/ Black Tracer	Black	+12 Volts
White w/ Tan Tracer	Red	Stoplight
Black	White	Ground
Blue	Blue	Trailer Brakes
New Ford (Pink Wire)		
Pink	Black	+12 Volts
Red	Red	Stoplight
White	White	Ground
Blue	Blue	Trailer Brakes
Brown	N/A	Illumination
Ford		
Red	Black	+12 Volts
Lt Green	Red	Stoplight
White	White	Ground
Dark Blue	Blue	Trailer Brakes
Brown	N/A	Illumination
Toyota		
Black w/ Red Tracer	Black	+12 Volts
Green	N/A	Illumination
Green w/ White Tracer	Red	Stoplight
Brown	White	Ground
Red	Blue	Trailer Brakes
Toyota (2003) / Lexus		
Black	Black	+12 Volts
Green w/ Yellow Tracer	Red	Stoplight
White w/ Black Tracer	White	Ground
Red	Blue	Trailer Brakes
Green	N/A	Illumination
Nissan / Infinity		
Red	Black	+12 Volts
Red w/ Green Tracer	Red	Stoplight
Black	White	Ground
Brown w/ White Tracer	Blue	Trailer Brakes
Red w/ Blue Tracer	N/A	Illumination
Volkswagen / Porsche		
Cavity # 2 (Red w/ Yellow Tracer)	Black	+12 Volts
Cavity # 3 (Black w/ Red Tracer)	Red	Stoplight
Cavity # 1(Brown)	White	Ground
Cavity # 4 (Blue)	Blue	Trailer Brakes
Honda		
Blue	Black	+12 Volts
White w/Black Tracer	Red	Stoplight
Black	White	Ground
Brown w/White Tracer	Blue	Trailer Brakes