

CROSS-REFERENCE BRAKE CONTROL WIRING GUIDE

WIRE FUNCTIONS		BATTERY +	STOPLIGHT	GROUND	TRAILER BRAKES	ILLUMINATION
BRAKE CONTROL WIRE COLOR		BLACK	RED	WHITE	BLUE	NOT USED
MAKE	MODEL - YEAR	VEHICLE OEM WIRE COLOR				
CHEVY / GMC	2007 (New Body Style) - 2013	RED	LIGHT BLUE	WHITE	DARK BLUE	BROWN
CHEVY / GMC	1999 - 2007 (Classic Body Style)	RED	LIGHT BLUE	BLACK	DARK BLUE	BROWN
DODGE	2009-2012	RED	WHITE	BLACK	DARK GREEN	
DODGE	2003-2008	RED	BLUE	BLACK	BLUE	
DODGE	1997-2002	RED	WHITE	BLACK	BLUE	
FORD	F-250 / 350 2009-2013	RED	BLUE	BLACK	BLUE	
FORD	F-150 2009-2013	RED or RED GRAY	GREEN or YEL GRN	WHITE	BLUE	
FORD	F-150 1994-2008	RED	LIGHT GREEN	WHITE	DARK BLUE	BROWN
TOYOTA / LEXUS	2003-2012	BLACK	GREEN	BLACK	BLUE	GREEN

NOTE: 2007-13 CHEVY/GMC Owners:

1. The brake control power wire, located between the fuse block and the inner fender well must be hooked to the correct upturned stud located at the front of the fuse panel
2. The stud 2 location inside the fuse panel must have a 30 Amp fuse installed.

All locations and diagrams can be located in your owners manual

UNIVERSAL INSTALLATION

- White Wire----Ground
- Blue Wire-----Trailer electric brakes
- Black Wire----Positive terminal on battery
- Red Wire-----Cold side of stop lamp switch

1. Be sure to use proper wire gauge when installing your control (12 gauge for electric brakes, power and ground / 14 gauge for the stoplamp switch).
2. Connect white wire to negative post on the vehicle battery. Grounding to any other location may cause intermittent brake control operation or failure.
3. Attach 30 amp circuit breaker or in-line fuse to the positive terminal on the vehicle's battery. Route black wire from the brake control to the fuse or breaker.
4. Splice red wire into cold side of vehicle's stoplamp switch located by the brake pedal. Find the wire by using a circuit tester and probing for the wire that powers the vehicle stoplights when the brake pedal is pressed.
5. Route blue wire from brake control to vehicle side trailer connector.

NOTE: MATCH ALL WIRES BY FUNCTION ONLY