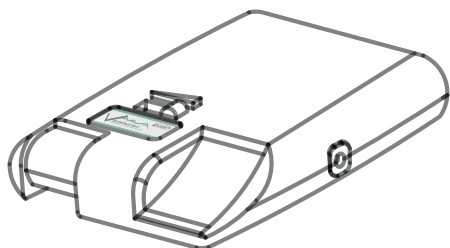


# 51320

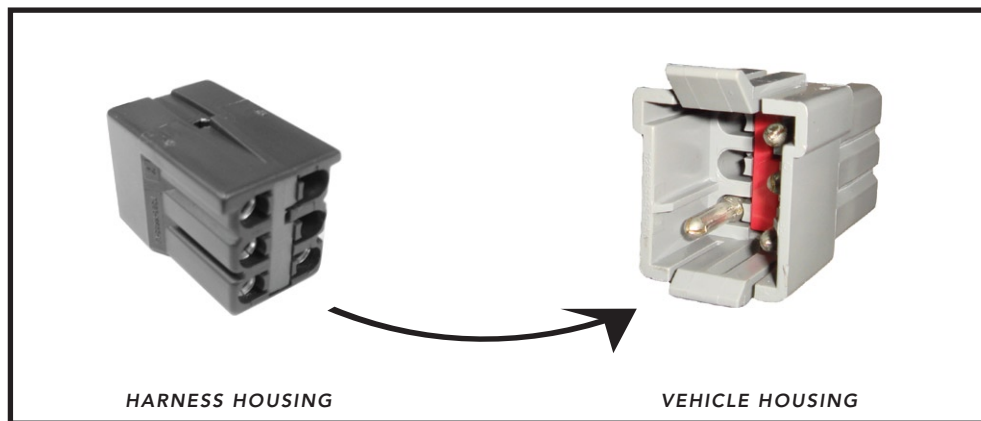
FORD BRONCO  
FORD ECONOLINE  
FORD EXCURSION  
FORD EXPEDITION  
FORD EXPLORER  
FORD F-SERIES  
FORD WINDSTAR  
LAND ROVER RANGEROVER  
LINCOLN MARK LT  
LINCOLN NAVIGATOR  
MERCURY MOUNTAINEER

## ELECTRIC BRAKE CONTROL ADAPTER HARNESS



### MUST READ FIRST!

All steps must be followed to ensure correct function of the harness. To verify proper installation once installed, test by connecting a brake controller and properly wired trailer.



HARNESS HOUSING

VEHICLE HOUSING

### WIRE COLOR DESIGNATORS DESIGNADORES DEL COLOR DEL ALAMBRE INDICATEURS DE COULEUR DE FIL

BLACK	>	BATTERY POWER (+)
NEGRO	>	ENERGÍA DE BATERÍA (+)
NOIR	>	PUISSANCE DE BATTERIE (+)
WHITE	>	GROUND (-)
BLANCO	>	TIERRA (-)
BLANC	>	LA TERRE (-)
RED	>	BRAKE SIGNAL FROM VEHICLE
ROJO	>	SEÑAL DEL FRENO DEL VEHÍCULO
ROUGE	>	SIGNAL DE FREIN DE VÉHICULE
BLUE	>	ELECTRIC BRAKE FEED TO TRAILER
AZUL	>	ALIMENTACIÓN ELÉCTRICA DEL FRENO AL ACOPLADO
BLEU	>	ALIMENTATION ÉLECTRIQUE DE FREIN AU BAS DE PAGE

3/9/2011

## INSTALLATION QUESTIONS? CALL TECHNICAL SUPPORT AT 1-800-798-0813

### English

1. Locate the vehicle's electric brake control harness. The harness will be located under the dash near the center console on most vehicles. The harness for the Ford Full Size Van is located underneath and left of the steering column. There will be a 6-pin connector that mates with the one on the adapter at the end of the harness. Verify that there is battery power supplied to the connector by carefully probing the connector with a test light. This can also be accomplished by following the wires to their source, ensuring they do not dead end without connections behind the instrument panel. For vehicle's with power supplied at this connector, proceed to Step 3. Note: Some older vehicles will have a 4 pin connector in place of the 6-pin. Some Ford Windstar models are not equipped with a brake control connector.

2. For vehicles with no power to the electric brake control connector: Using an electric brake control wiring kit, route all wires as described in the wiring kit installation instructions. Cut the vehicle connector's battery feed wire, allowing enough wire remaining to connect the battery wire from the brake control wiring kit using the butt connector supplied. Cut the vehicle connector's trailer brake wire, allowing enough wire remaining to connect the trailer brake wire from the wiring kit using the supplied butt connector.

3. Plug the brake control adapter into the vehicle's electric brake control connector. Using the butt connectors provided, attach the wires from the adapter to the corresponding wires on the electric brake control, following the brake control manufacturer's installation instructions.

4. Complete the installation per the brake control manufacturer's instructions and mount the unit as directed. Perform test procedures as instructed.