

INSTALLATION INSTRUCTIONS

51322 & 51323 APPLICATIONS

Make	Model
Ford	Bronco, full-size
Ford	Econoline Van
Ford	Excursion
Ford	Expedition
Ford	Explorer (w/ factory tow pkg)
Ford	F-150 / F-250 LD
Ford	F-150 (new body)
Ford	F-150 Heritage (old body)

Make	Model
Ford	F-150 / F-250 / F-350
Ford	F-250 & F-350 HD
Ford	F-250 / F-350 Super Duty
Ford	Flex
Ford	Windstar (w/ factory tow pkg)
Land Rover	LR3
Land Rover	LR4
Land Rover	Range Rover Evoque

Make	Model
Land Rover	Range Rover
Lincoln	Mark IT
Lincoln	MKT (w/ factory tow pkg)
Lincoln	Navigator
Mercury	Mountaineer (w/ factory tow pkg)

BRAKE CONTROL HARNESS



NOTICE

All steps must be followed to ensure the CURT brake control harness will function properly. Once installed, test for proper function by following the brake control unit instruction manual.

LOCATION GUIDE

Representative vehicle shown below

BH1 - Under dash, left of steering column, near emergency brake pedal

BH2 - Under dash, near center console



E
E-brake

BH1
Brake

BH2
Gas

INSTALLATION / SAFETY INSTRUCTIONS

Step 1

Ford Econoline Van (BH1)

Locate the 6-pin, vehicle brake control harness connector under the dash, to the left of the steering column.

On all other vehicles (BH2)

Locate the 6-pin, vehicle brake control harness connector under the dash, near the center console. The connector will be similar to that on the CURT brake control harness.

Step 2

Verify there is battery power (+) supplied to the connector by carefully probing the connector with a test light. This can also be done by following the wires to their source. Ensure they do not dead end without connections behind the instrument panel.

If power supplied to this connector, skip to step 4.

Note: Some older vehicles will have a 4-pin connector in place of a 6-pin connector. Some Ford Windstar models are not equipped with a brake control connector.


Step 3

If the vehicle does not supply power to the brake control harness a universal brake control wiring kit (#51500) will need to be installed. Route all wires as directed in the brake control wiring kit installation instructions.

To use the factory connector with the universal brake control wiring kit the factory harness must be modified.

Cut the battery wire leading to the factory connector leaving enough room to use a butt connector to attach to the battery wire from the universal brake control wiring kit.

Cut the trailer brake wire leading to the factory connector leaving enough room to use a butt connector to attach to the trailer brake wire from the universal brake control wiring kit.

 **WARNING:** After the universal brake control wiring kit is installed cap and / or tape the exposed ends of the cut wires to prevent shorting.

Step 4

Insert the connector on the CURT brake control harness into the vehicle connector. Make sure the connector is fully inserted with locking tabs in place.

Step 5

Insert the brake control harness's black connector into the brake control's quick plug connector. Secure the brake control harness with the provided cable ties, avoiding any pinch points.

Step 6

Complete the installation using the brake control instructions. Mount the unit as directed and perform test procedures as instructed in the brake control user manual.