



GRDP9 - Installation Instructions To be used with Guardian or Guardian II Lift Interlocks

Applications

**Ford Econoline – 1997-2002 Ford 5.4L CNG Engine
All Transmission Codes**

Use the instructions that were included with the original Guardian or Guardian II kit, and make the following modifications:

VEHICLE 1 HARNESS - 1997-2002 Econoline with Ford 5.4L CNG Engine and All Transmission Codes - This application will not have a Ford OEM Blunt cut wire for “Park”. An auxiliary 16-pin Park Harness (Part # GRDP9) will be needed and the Vehicle 1 Harness will need to be modified. Cut the Orange wire on the Vehicle 1 harness near the connector. Save the grommet, and discard the Orange wire. Locate the Ford black 16-pin connector located above the transmission bell housing. Separate the connector halves and connect the black “T” harness connectors from the GRDP9 Harness between them. Drill a 5/8” hole in the bulkhead flange for the engine cover (see picture). Feed the two green wires through the hole from the engine compartment. Slide the saved grommet onto the harness and secure in the hole. The grommet can be moved along the harness for a custom fit. Install the two Green wire terminals into the Vehicle 1 Harness connector in the two empty slots next to where the orange wire was. Either Green wire can be installed in either slot. Ensure that the metal pins securely lock into the 6-pin connector. Secure the harness with wire ties.



This application will also have a 1-pin connector at the parking brake. The stock kit has a 2-pin parking brake connector and will need the following modification. Cut the brown wire in the stock harness about 1 inch above the “T” area. Discard the 2-pin connector. Strip the insulation on the brown wire and solder to the 1-pin park brake adapter brown wire. Use the provided heat shrink tubing to seal the connection. **Do not use a butt connector!** Disconnect the black, single-wire Ford connector from the Parking Brake. Plug the female side of the connector from the adapter to the parking brake. Install the male side of the connector on the adapter to the female connector in the Ford harness

Snap the Vehicle 1 Harness into the Guardian or Guardian II Module connector labeled “Vehicle 1”.