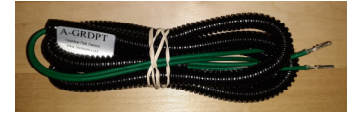


GRDPT - Installation Instructions

To be used with Guardian or Guardian II Lift Interlocks



The GRDPT harness is used to provide a Park signal to the Guardian Interlock. In the past, plug and play kits were available for this application. As of 2019, the connectors for the kits are no longer available. It will be necessary to identify what transmission the vehicle is equipped with in order to determine which diagram to use (see chart below).

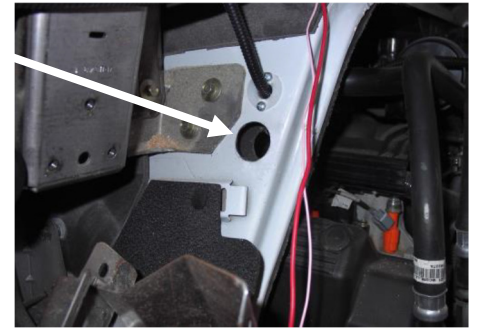
Diagram	Application
1	Ford Econoline – 2005-2006 Transmission Code A, F, or Q (16-Pin Connector)
	Ford Econoline – 2004 w/Gasoline or CNG Engines Only (16-Pin Connector)
2	Ford Econoline – 2003 Gas Engine with Transmission Code U only (16-Pin Connector)
3	Ford Econoline – 2003 Diesel Engine All Transmission Codes (16-Pin Connector)
4	Ford Econoline – 2003 Ford 5.4L CNG Engine All Transmission Codes (16-Pin Connector)
5	Ford Econoline – 1997-2002 Gas Engine with Transmission Code U only (16-Pin Connector)
6	Ford Econoline – 1997-2002 Diesel Engine All Transmission Codes (16-Pin Connector)
7	Ford Econoline – 1997-2002 Ford 5.4L CNG Engine All Transmission Codes (16-Pin Connector)
8	Ford Econoline - 2007 Gas Engine Transmission Code Q (10-Pin Connector)



It is the installer's responsibility to route and secure all wiring harnesses where they cannot be damaged by sharp objects, mechanical moving parts and high heat sources. Failure to do so could result in damage to the system or vehicle and create possible safety concerns for the operator and passengers.

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

Locate the Ford Black 10 or 16-pin connector located above the transmission bell housing. Drill a 5/8" hole in the bulkhead flange for the engine cover. Feed the two green wires through the hole from the engine compartment. Slide a 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 is/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.

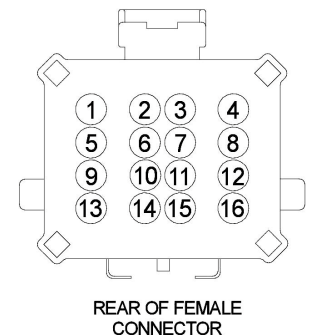


Reminder: Ensure that the ignition is in the OFF position before tapping into the OEM harness for this installation. Permanent damage to the OEM Transmission Range sensor will result if the harness is grounded with the ignition on.

Splice the Green wires into the appropriate OEM wires (see chart below) near the 10 or 16-pin Ford Black connector located above the transmission bell housing. Note that this is an area susceptible to heat, moisture, and contamination, so that soldering the wires and taping the connection thoroughly is advised. Either Green wire can be spliced into either OEM circuit. **Confirm that both of the Green wires have a Ground signal whenever the vehicle is in the Park position.** Secure the harness with nylon wire ties.

16-Pin Connectors

Diagram	Wire Position Locations
1	Positions 10 and 11
2	Positions 5 and 6
3	Positions 13 and 14
4	Positions 12 and 15
5	Positions 5 and 6
6	Positions 13 and 14
7	Positions 12 and 15

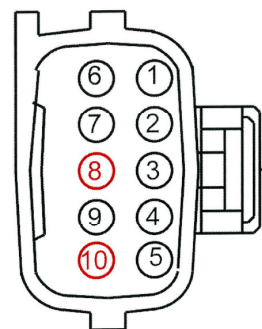


Snap the Vehicle 1 Harness into the Guardian/Guardian II Module connector labeled in Orange "Vehicle 1".
Test for proper system operation.

Installation Instructions (Continued)

10-Pin Connector

Diagram	Wire Position Locations
8	Positions 8 and 10



Rear of Female Connector

Confirm that both of the Green wires have a Ground signal whenever the vehicle is in the Park position

Snap the Vehicle 1 Harness into the Guardian/Guardian II Module connector labeled in Orange "Vehicle 1".

Test for proper system operation.