

Welcome to the installation guide for the KeylessGo portion of the remote start for Mercedes. Please thoroughly review this manual before installation as there are details that are essential to operation of the vehicle.

This manual is intended for experienced installers. Firstech recommends professional installation as we are not responsible for improper use and/or installation. For questions please call 888-820-3690 Monday through Friday 8 am to 5 pm PST.

<b>Required Parts and Tools</b>
• T-20 Torx Driver
• Pick Tool
• Panel Removal Tool
• Digital Multimeter
• 10K Ohm Resistor



Mercedes Benz vehicles that have a push button for starting will require the KeylessGo harness. (Part number: FT-MBKG20-HRN) This will let the user lock and unlock their vehicle from DroneMobile, 2 or 1 Way remote or factory key fob during remote start. This harness must be ran to the KeylessGo module to a separate CAN connector in the vehicle. The other end of the harness plugs into the 2 pin KeylessGo port on the DC for Mercedes control module.

**Note:** You must install the DC control module and DroneMobile or RF kit before connecting the KeylessGo harness. Also don't forget to test functionality of the remote start.

### Instructions

1. Locate the CAN distribution block that houses the KeylessGo connector. (See table below)
2. Unplug all connectors from the block that contain brown and brown/red twisted CAN wires.
3. Locate the KeylessGo module. (See table below)
4. Unplug the KeylessGo module.
5. Unclip and remove the connector cover from the KeylessGo connector.
6. Locate the twisted brown and brown/red CAN wires in the plug.
7. Insert a 10k $\Omega$  ohm resistor between the brown and brown/red wires in the connector.
8. Using your meter, measure the resistance between the two wires on each plug at the CAN block that were unplugged in step 2 until you find the plug that reads 10k $\Omega$  ohm across the two wires.
9. Plug all the other connectors back into the CAN block except for the KeylessGo connector that you located in step 8.
10. Using a pick tool or small flat blade, open the retaining clip that holds the connecting terminals on the side of the connector housing.
11. Using a pick tool or small flat blade release the tabs on each pin and remove them from the connector housing. The release tab will need to be pressed down two separate times to remove it from the connector housing.

12. Close the retaining clip and put the empty connector housing back into the CAN block. (See images below)
13. Insert the pins into the provided plug housing making sure the polarity is correct with the extension harness coming from the DC control module.
  - Brown/Red--->Brown/Red
  - Brown--->Brown
14. Close the retaining clip on the new connector.
15. Plug the connector into the harness from the DC control module.

Please see the step by step images below for details on the KeylessGo connection:

### Module Location Table

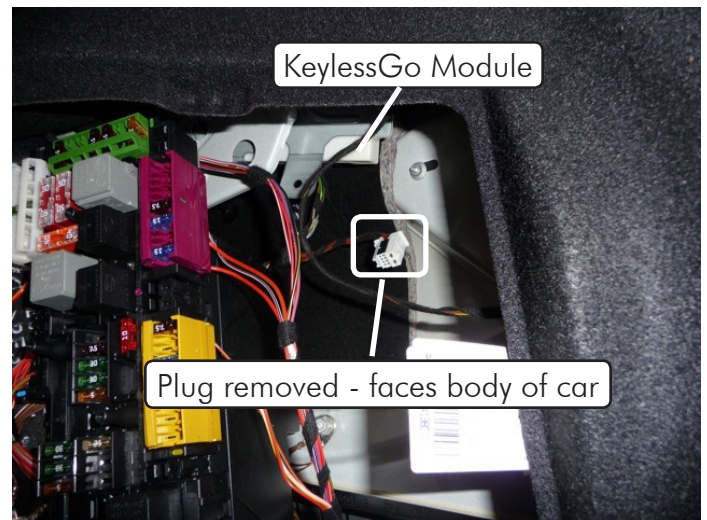
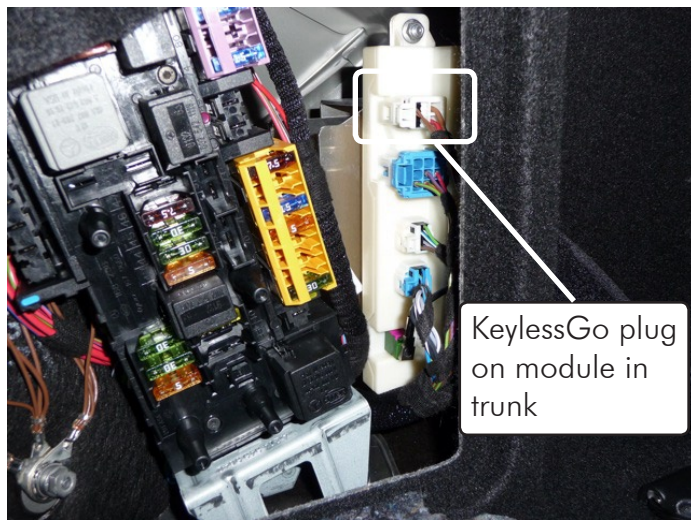
Class	Year	CAN Block	KeylessGo Module
C	2008-2010	Passenger front door jamb in wire trough	Right side of trunk near tail light
CL, S	2007-2010	Under rear of driver's front seat	Right side of trunk near tail light
E coupe/sedan	2010	Passenger front door jamb in wire trough	Right side of trunk near tail light
GL	2006-2010	Right side compartment in cargo area	Right side compartment in cargo area
GLK	2010	Passenger front door jamb in wire trough	Center of cargo floor under carpet
ML, R*	2006-2010	Passenger front kick panel*	Right side compartment in cargo area*

\*ML and R class do not require to change connector plug (steps 10-14 not required). Just plug in to the extension harness once the correct connector is found in the block.

**KeylessGo Component Locations**

C and E Class module locations.

**C and E Class**



E coupe KeylessGo module -- right rear of trunk

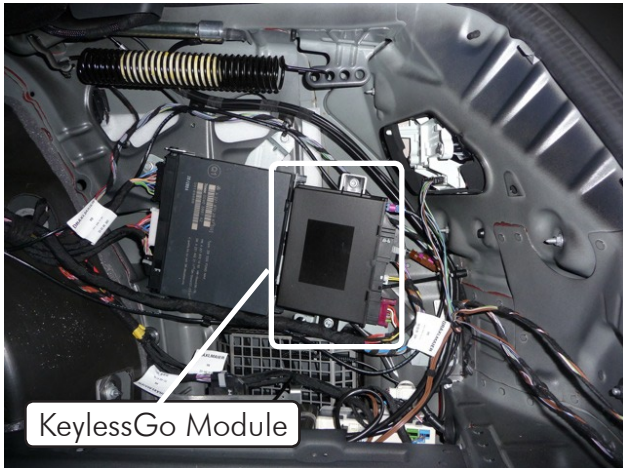
C and E Sedan KeylessGo module -- right rear trunk



CAN connector, E, C, GLK class under plastic passenger front door

CL and S Class module locations.

**CL and S Class**



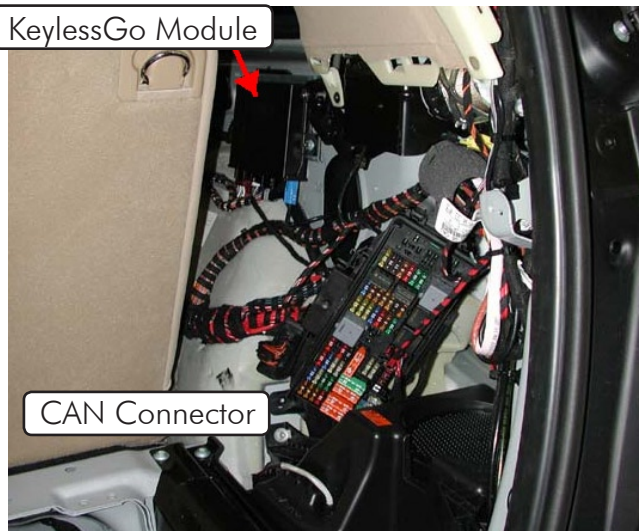
Right rear corner of trunk



Under rear of driver's seat

GL, ML, and R Class module locations.

**GL, ML, and R Class**



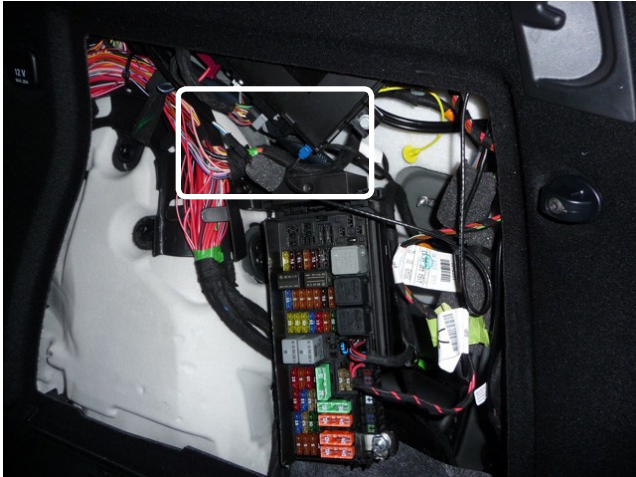
GL -- right rear side of cargo compartment



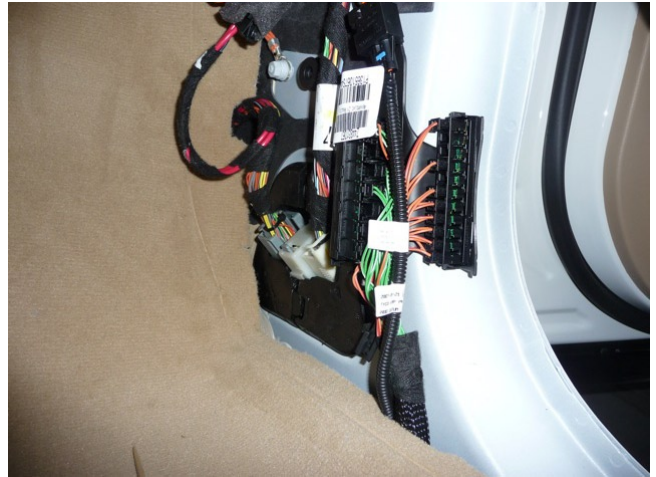
R KeylessGo module -- under cargo area floor

**FT-MBKG20-HRN Installation Guide**

**GL, ML, and R Class**



ML KeylessGo -- right rear side of cargo compartment



ML and R CAN distribution block, front passenger kick panel

**KeylessGo Component Locations**

**Pin Removal and Reinstall**

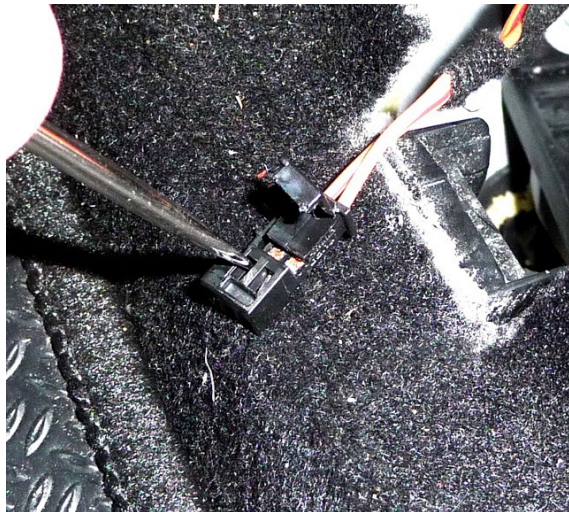


CAN plug removed

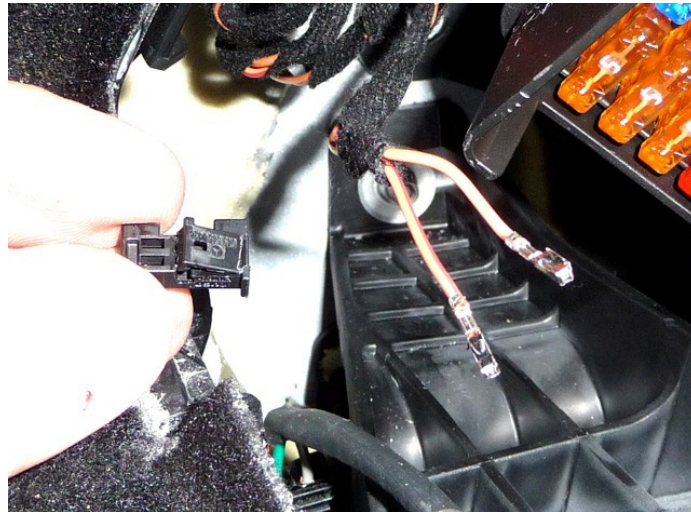


Release retaining clip

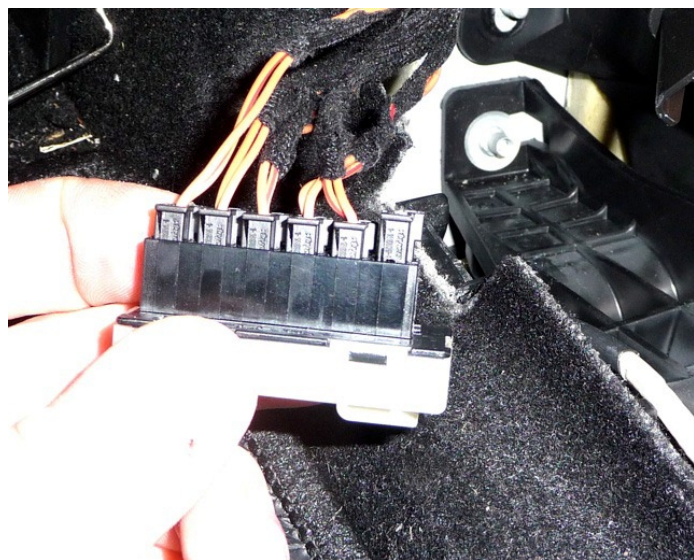
Pin Removal and Reinstall



Remove pins from connector housing



Pins removed, connector housing empty



Empty connector housing reinstalled

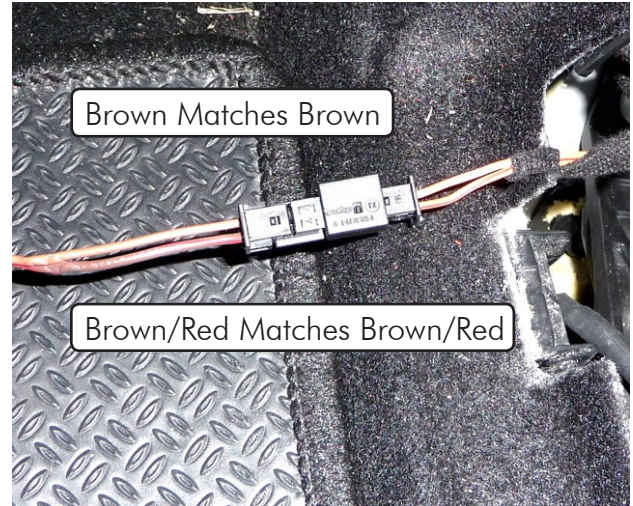


Pins ready for new connector housing

**Pin Removal and Reinstall**



Pins installed in connector housing



Plugs matched up and completed

That completes the KeylessGo portion of your installation. Please see the vehicle specific installation guide for more information.

Firstech, LLC. is not responsible for any damages whatsoever, including but not limited to any consequential damages, incidental damages, damages for loss of time, loss of earnings, commercial loss, loss of economic opportunity and the like that may or may not have resulted from the installation or operation of the Data Controller for Mercedes.

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