

Smartkey Starter™ Installation Instructions

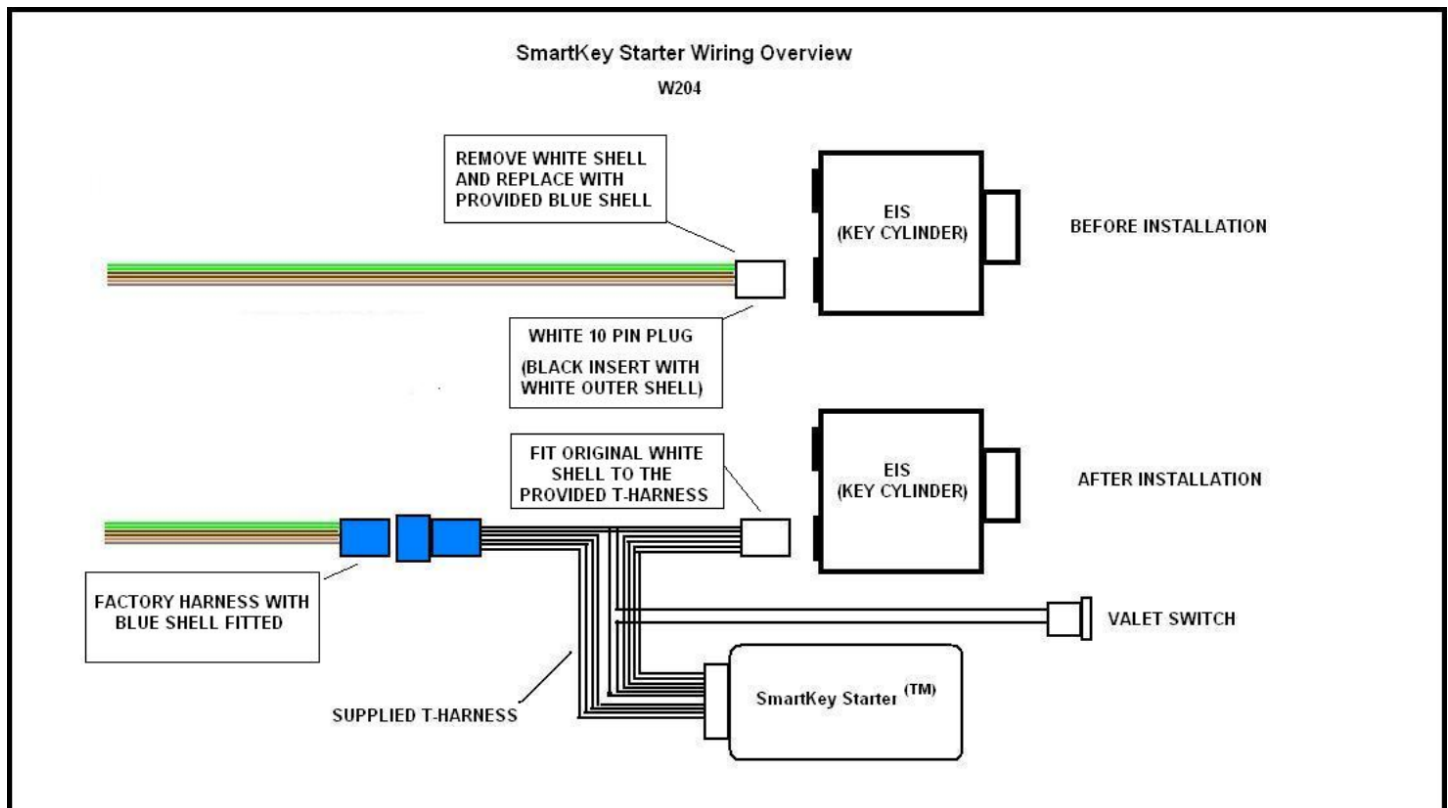
Mercedes Benz 2008-2011 C Class, 2010-2011 GLK, and 2010-2011 E Class Coupe

(2009 C pictured)

Tools and Parts you will need

- T-20 driver
- Drill
- 3/4" drill bit or Unibit
- Panel removal tool
- Mercedes Benz EIS removal tool p/n 639 589 01 07 00 (optional for GLK installation, but makes the job much easier. This can be purchased from your local Mercedes dealer. We can also provide you one with your order for US\$75.00)

The Smartkey Starter™ is designed as a direct plug in interface to the rear of the Mercedes Benz key cylinder. Please read this manual in it's entirety prior to installation as there is a specific order of operation that needs to be followed.



Installation

1. Remove (3) T-20 screws from the driver's under dash and lower the panel.
2. Tilt the steering column down as far as it will go and extend it out from the dash until it stops.
3. Using the EIS removal tool or two screwdrivers, remove the trim ring for the EIS. It unscrews counterclockwise. (GLK Only)
4. Using a panel removal tool, release the upper right edge of the instrument cluster bezel.
5. Release the upper left edge of the instrument cluster bezel.
6. Pull out on the bottom edge of the cluster bezel and remove. Note, the stalk in the lower left corner of the bezel will not come out with the bezel. Be careful not to damage it when the bezel is removed.
7. Pull the two upper edges of the steering column boot toward each other to release the clips and pull it outward.
8. Work your way around the plastic trim on the boot and release all the clips.
9. Pull the boot away from the dash as far as possible. At this point you should be able to see the rear of the EIS (ignition cylinder)
10. Reach in and remove the single white plug in the rear of the EIS. The release clip is on the top.
11. Pull the plug and corresponding harness out as far as possible to ease connecting the new harness.
12. Notice the white plug has a black center. There is a retaining clip on the edge that needs to be released in order to separate the two pieces.
13. Once you do that, install the white outer shell on to the exposed black plug at the end of the Smartkey Starter™ harness.
14. Install the provided blue shell on to the black plug of the OEM wiring harness and lock it in with the retaining clip also provided.
15. Route the Smartkey Starter™ harness up to the EIS from under the bottom edge of the dash.
16. Plug the white end into the key cylinder. Plug the two blue plugs together.
17. Once ALL connections are secured, turn on the valet switch and verify the LEDs visible inside the Smartkey Starter™ are flashing.
18. Start the vehicle with the key to verify your work. If the vehicle starts and runs, you've made all the connections correctly.
19. Shut the vehicle off.
20. Push the panic button once on the remote to test the Smartkey Starter™.
21. Once you are satisfied with its operation, shut down the Smartkey Starter™ by pushing the panic button once.
22. Locate a place to secure the Smartkey Starter™ module in the dash cavity.
23. Secure the module in its final location.
24. Shut the valet switch off
25. Drill a **3/4"** hole in the under dash panel.
26. Remove the wires from the valet switch, mount the valet switch in the hole drilled in step 23, and reconnect the wires to the valet switch.
27. Reinstall the (3) screws in the under dash panel
28. Slide the steering column trim and boot back toward the dash and clip into place.
29. Reinstall the gauge cluster bezel starting with the clips on the bottom edge. Be sure to guide the plastic stalk through the hole in the bezel.
30. Snap in the top edge of the bezel.



remove (3) T-20



Unclip top right of cluster bezel



Unclip top left edge of bezel



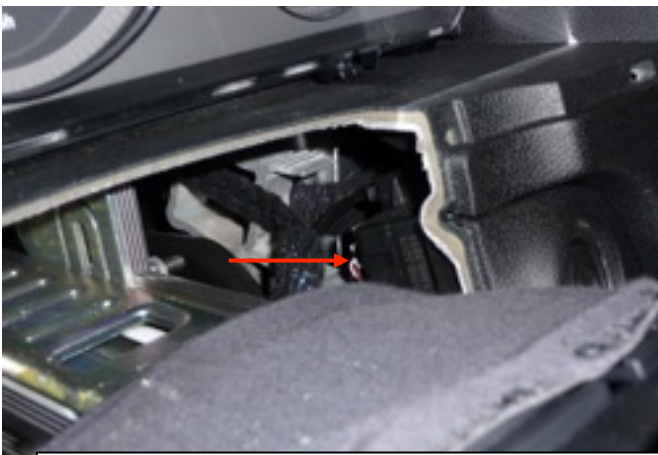
Remove bezel



Unclip steering column boot



Pull trim away from dash



Rear of EIS and wiring harness location

EIS view



Plug removed



Remove white shroud from plug



Install shroud on Smartkey Starter™ harness



Install blue cover on OEM plug



Slide locking clip in direction of arrow



Locking clip secured



Route harness up to EIS from bottom



Plug harness in and into EIS



Drill valet switch hole in under dash panel