

Installation Instructions

Mk6

VW Golf (1K0)/(5K0)



Overview

The ultimate in Mk6 tail lamps, the European LEDs, are a direct fit on the NAR Golf and GTI vehicles.

Difficulty Rating

3 out of 5 difficulty

Parts Required for Installation

- [Taillights – EU LED](#)

Tools Required for Installation

- 8mm socket/Wrench
- T-20 Hex tool
- Vw style wire terminal removal tool if installing Rear Fogs. (I used sewing needles)
- VCDS or coding tool if needed

Installation

- Lift the hatch. There are access panels where the red circles are that need to be opened.



- Once opened, you will need disconnect the plug in the green box and then use the 8mm socket or wrench to remove the nuts in the red circles.



- After that, the light will pop out.



- Take the new Inner LED tail light and secure it to the hatch with the two 8mm.

Using the LED Adapters



- Place the access panel back on and repeat for the other side. To remove the outer tail lights, you will first have to pull away some of the carpet. Once you have room, disconnect the plug in the green box and manually (by hand) turn the white screw in the red circle counter-clockwise to remove the screw.



- The outer light will slide out. Please take note of the guides in the red circle that are used to align the lights.



- Once the new LED light is installed, hand tighten the white screw. Then plug the connector that was plugged into light where the green box was and plug it into one end of the LED Adapter. Then plug the other end of the LED Adapter to the LED light. It should look like this once completed.



- Put back the carpet and repeat for the other side.

Once you are are done. I should look like this.

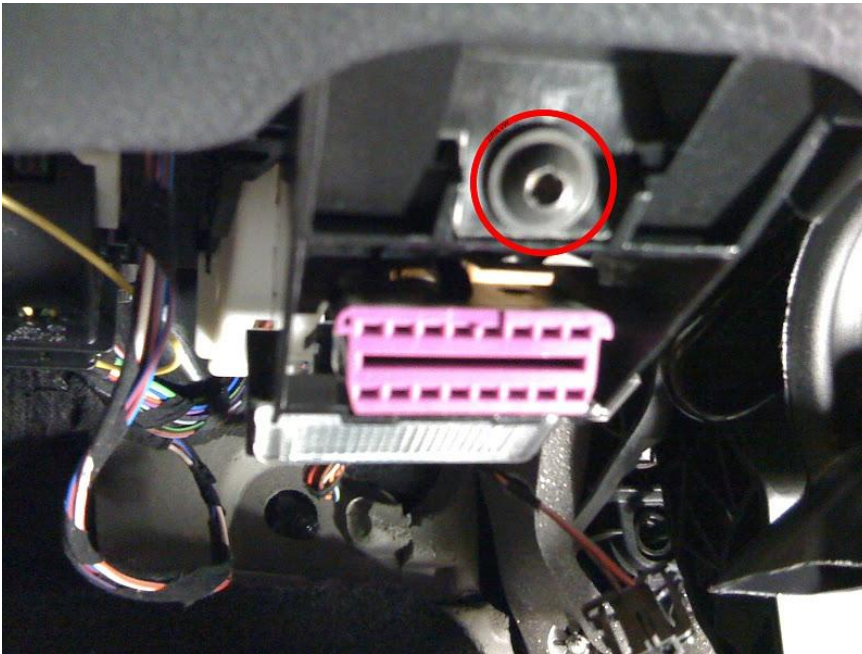


- If you have a newer Cent. Elect. Module and using a kit without a reverse lights, you are done, If you have an older module, then you will need the coding box from OEMplus or Use VCDS to change Byte 18.
- Address 09: Cent.Elect. (j519) Labels: 1k0-937-08x-09.clb
part no SW: 1k0 937 087 F HW: 1K0 937 087 F
Component: BCM PQ35 H 103 0575
Revision: 00103 AG
Coding *69180A3E90272AC40008008170000D0445050086534D8D60648020200000*
- 00103 AG shop#: WSC 93007 999 58668
- Part No: 1K1 955 119F
Component: Wischer 08011 21 0512
Coding: 009795
- IF you have a Rear Fog Kit, continue on.
- First you will have to remove and replace the stock switch with a euro switch.
- Disconnect the connector at the back of the switch and locate the empty Pin 7 slot. After you find where Pin 7 slot is, take your VW repair wire and insert one end into it.

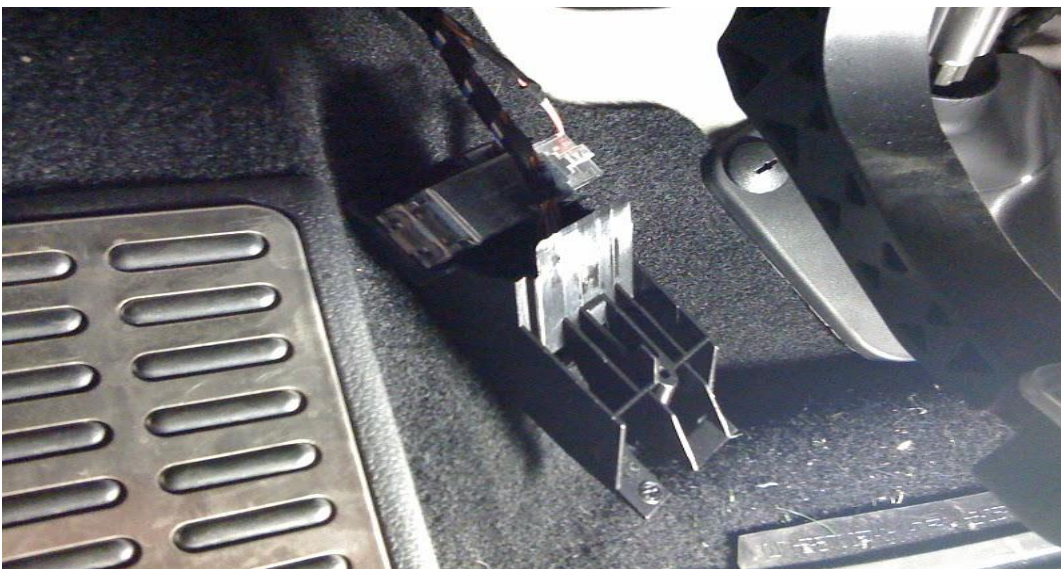


- Then take the other end and fish it to near the footwell lighting is. (hint: it was easier to do when you remove the fuse panel access cover)
- Next you will need to use the T20 Hex tool to remove the bolt that hold the OBD2 port and the foot well lighting.

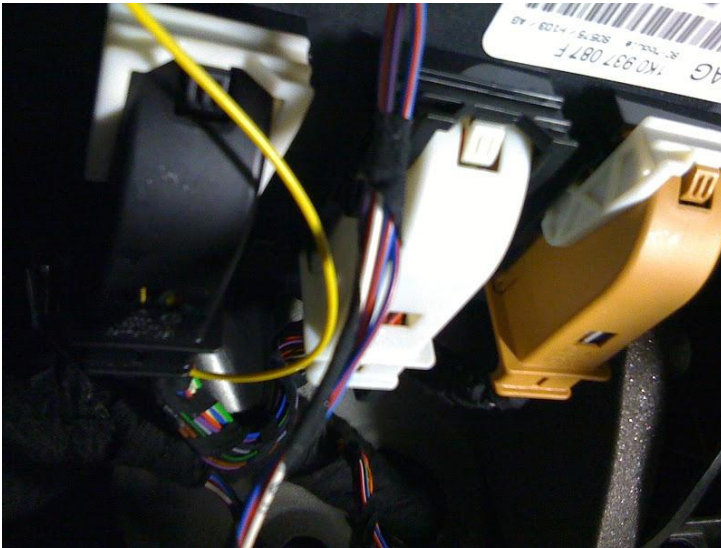
Mk6 EU taillights LED



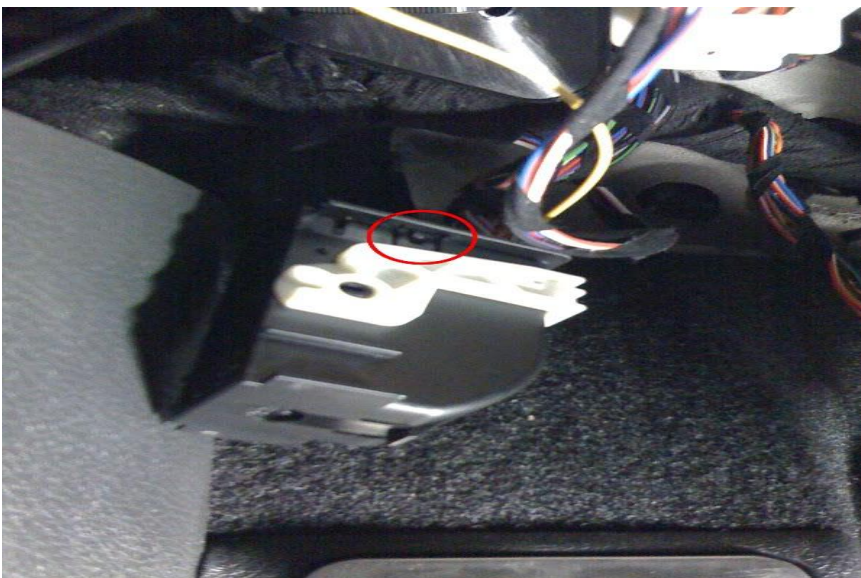
- The unit will slide out. Place it to the side and out of your way.



- Now the hard part.
- IF you look where the OBD2 port unit was, you will see 3 large connectors.



- You will be dealing with the black and brown connector
- Using the little white handle, slide the white handle back to release the black connector. once the black connector is disconnected, the outer shell needs to be removed to access the wires within it, There are two clips that hold the shell on. One of them is marked by the red circle, the other on the opposite side.



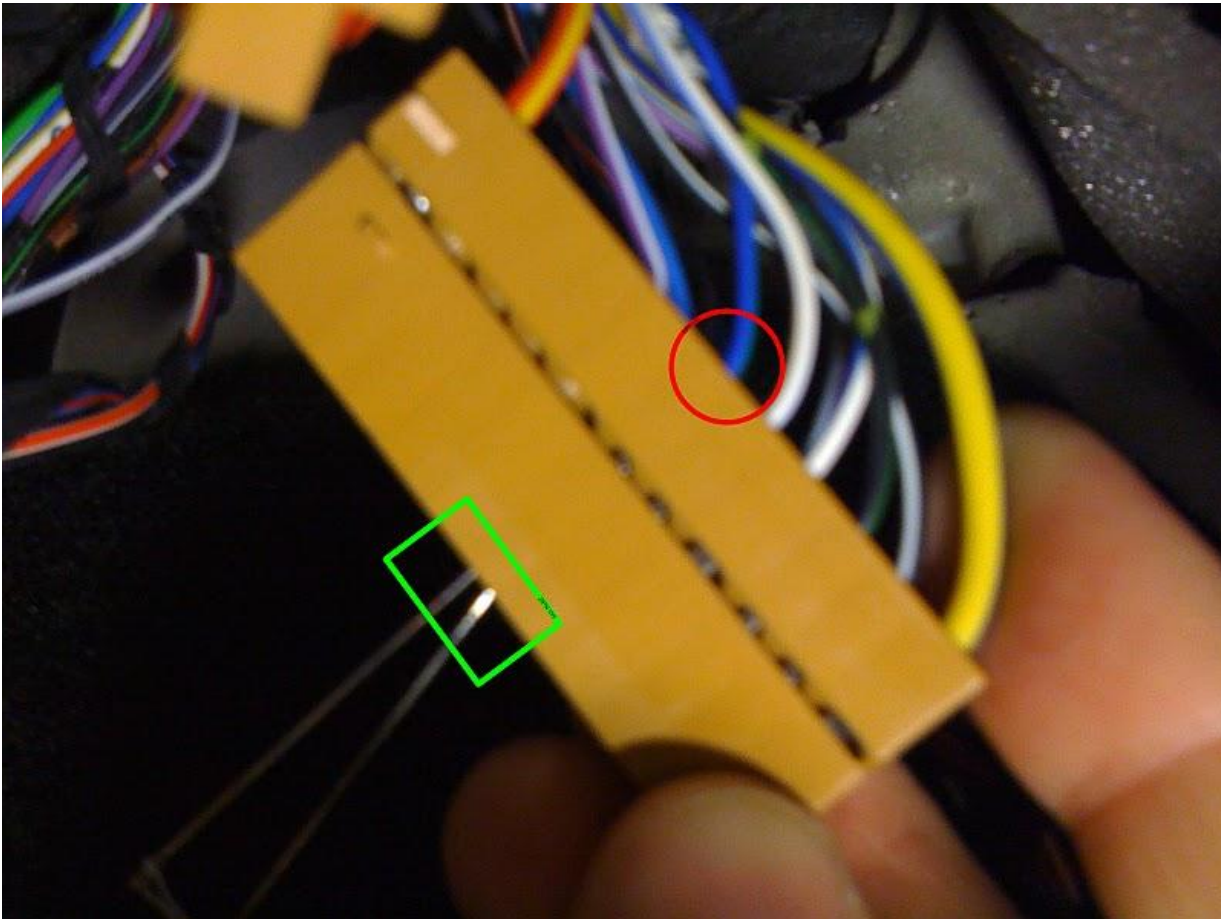
- With the shell off you will need to slide the connector apart and find the empty Pin 17 slot. Once you find it, insert the other end of the repair wire into it, then you will need to find Pin 28 slot, Pin 28 is the wire that connects to the Drivers Side Reverse Light, since the rear fog

replaces the Drivers side reverse light, you will use this wire to power the Rear Fog. On my car the wire was gray with a white stripe. Use the VW style wire terminal removal tool to remove the wire that is in Pin 28 slot.



- Slide the two halves of the black connector together again and slide the unit into the black shell. Reattached the black connector and slide the white handle forward.

- Repeat the same process to remove the brown connector and locate Pin 47 slot, When you find it, there will be a blue with green stripe wire inserted into it, You will need to remove the wire and tape it up. It will not be used anymore. Now insert the gray with white stripe wire into Pin 47 slot. The image below shows the blue with green stripe wire in the red circle.



- Reassemble the brown connector and reattach it, Reinstall the ObD2 unit with the T20 bolt. IF your car has the newer Cent. Elect. Module like mine, you are done.

All units will need coding to complete the install. Changing the coding directly to 00 will not result in setting back to factory default. In order to set the module back to factory default for North America, first code to 03, then back to 00.

List of Cent.ELct.Module #9 unites with Xenon and Rear Fog

Build Date: May, 2010 - Chroptus (EU Golf TDI)

- Byte 18 coded to "43". All lights functional and at correct brightness.

Build Date: Jan 30, 2010 - ZIPN VW (NA GTI)

- Byte 18 coded to "15". All lights functional and at correct brightness.
- Byte 18 coded to "04". All lights functional, bumper marker and city lights are at low brightness. (no error with LED city light and bumper lights)

Address 09: Cent. Elect. (J519) Labels: 1K0-937-08x-09.clb

Part No SW: 1K0 937 087 F HW: 1K0 937 087 F

Component: BCM PQ35 H 103 0575

Revision: 00103 AG

Coding: 69180A3E90272AC40008008170000D0445051586534D8D6064 8020200000

Shop #: WSC 93007 999 58668

Part No: 1K1 955 119 F

Component: Wischer 08011 21 0512

Coding: 009795

Build Date: Aug 14, 2009 - Dana (NA GTI)

- Byte 18 coded to "04". All lights functional and at correct brightness.

Address 09: Cent. Elect. (J519) Labels: 1K0-937-08x-09.clb

Part No SW: 1K0 937 087 G HW: 1K0 937 087 G

Component: BCM PQ35 H+ 103 0536

Revision: 00103 AC

Coding: 6D180A1E90272AC48088008550000D0441050486434D8D60648020200000

Shop #: WSC 01357 011 00200

Part No: 1K1 955 119 E

Component: Wischer 30060 21 0501

Coding: 009795

List of Cent. Elect. Module #9 units with Xenon and without Rear Fog

Build Date: May, 2010 - drunknfoo (NA GTI)

Mk6 EU taillights LED

- Byte 18 coded to "55". All lights are functional and at correct brightness.

Address 09: Cent. Elect. (J519) Labels: 1K0-937-08x-09.clb

Part No SW: 1K0 937 087 F HW: 1K0 937 087 F

Component: BCM PQ35 H 103 0575

Revision: 00103 AG

Coding: 6D180A3E90272AC40088008160000D0441055586534D8D6064 8020200000

Shop #: WSC 01357 011 00200

Part No: 1K1 955 119 F

Component: Wischer 25041 21 0512

Coding: 009795

Build Date: Jan 20, 2010 - Orient Express (NA GTI)

- Byte 18 coded to "55". All lights are functional and at correct brightness.
- Byte 18 coded to "1F". All lights are functional and at correct brightness.
- Byte 18 coded to "43". One Reverse light works, the rest are functional and at correct brightness.

Address 09: Cent. Elect. (J519) Labels: 1K0-937-08x-09.clb

Part No SW: 1K0 937 087 G HW: 1K0 937 087 G

Component: BCM PQ35 H+ 103 0574

Revision: 00103 AF

Coding: 6F180A3E90252AC48008008174008D0445054386435D8D60648020200000

Shop #: WSC 01357 011 00200

Part No: 1K1 955 119 F

Component: Wischer 08011 21 0512

Coding: 009795

Build Date: Sept 26, 2009 - chadcronin (NA GTI)

- Byte 18 coded to "20". All lights are functional and at correct brightness (as far as I know).

Address 09: Cent. Elect. (J519) Labels: 1K0-937-08x-09.clb

Part No SW: 1K0 937 087 G HW: 1K0 937 087 G

Component: BCM PQ35 H+ 103 0536

Revision: 00103 AD

Coding: 65180A3E90252A048008008174008D0441052086534D8D60648020200000

Shop #: WSC 01357 011 00200

Build Date: Aug, 2009 - finklejag (NA GTI)

- Byte 18 coded to "20". All lights are functional and at correct brightness.

List of Cent. Elect. Module #9 units with Halogen and with Rear Fog

petteri

Mk6 EU taillights LED

- Byte 18 coded to "22". All lights functional and at correct brightness.

Build Date: Jan, 2010 - unick

- Byte 18 coded to "15". All lights functional and at correct brightness.
- Byte 18 coded to "22". All lights functional and at correct brightness.

List of Cent. Elect. Module #9 units with Halogen and without Rear Fog

Build Date: Nov, 2009 - sfpegasus (NA Golf TDI)

- Byte 18 coded to "1F". All lights functional and at correct brightness. (Hatch tails stay on when opened)
- Byte 18 coded to "21". All lights functional, bumper marker are at low brightness and city lights are at high brightness.

Address 09: Cent. Elect. (J519) Labels: 1K0-937-08x-09.clb

Part No SW: 1K0 937 087 G HW: 1K0 937 087 G

Component: BCM PQ35 H+ 103 0572

Revision: 00103 AE

Coding: 6D180A3E90272A04800800817000858441011F86534D8560648020200000

Shop #: WSC 01357 011 00200

Part No: 1K1 955 119 F

Component: Wischer 19100 21 0512

Coding: 009795