

Installing a Parrot 3100 Bluetooth Kit in a D3 Audi A8

The following procedure outlines how to install a Parrot 3100 Bluetooth kit in a D3 Audi A8 that came with the OnStar package from the factory.

This procedure is to be used in conjunction with the audipages.com checklist, wiring diagram and wiring table supplied with your kit.

Remove Fuse SB13

Remove the left hand side fuse panel. This is accomplished by popping the cover off with a trim stick. Once complete, **REMOVE** fuse SB13 (the fuse labled 13), which is the unswitched power to the Telematics/telephone box before starting. This will prevent inadvertent grounding of the power supply during installation.



Remove Trim and Telematics Box

Remove the door kick panel trim by prying it up on the aft portion of it and unclipping it, then pull the vertical portion out, it just clips out.



Remove the driver's side floor mat.

Using a Torx T-35 screwdriver, remove the screw that holds the left foot rest in place. Be careful when removing the screw not to drop it down into the floor board.



Remove the left foot rest. This is accomplished by pulling on it, it has two additional clips on the back that just pull out. Be gentle but firm, it should not break, just click out.

Pull carpet up from front left corner and you'll see the Telematics box. To remove the Telematics box, it's easiest to have somebody else help you and pull the carpet back from the passenger seat and hold it back while it is pulled out.

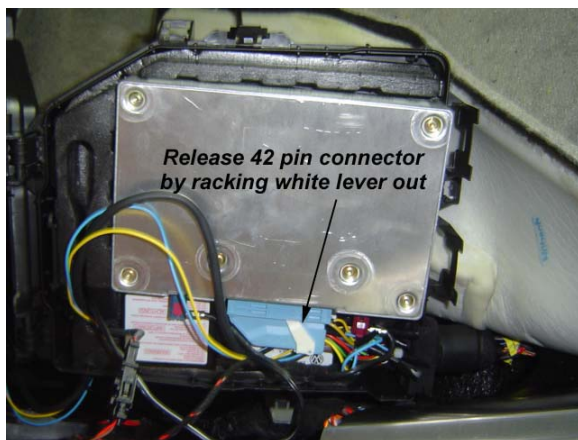
There are small studs that it sits on which must be cleared. There are no nuts on these studs, just the stud needs to be cleared. Pull the box out.



Open the Telematics box cover, it has four clips on the sides and aft end, and a hinge on the forward end of the box. Unclip the two side clips and squeeze the aft ones to release the top. Pull the Telematics box out of its foam covering.

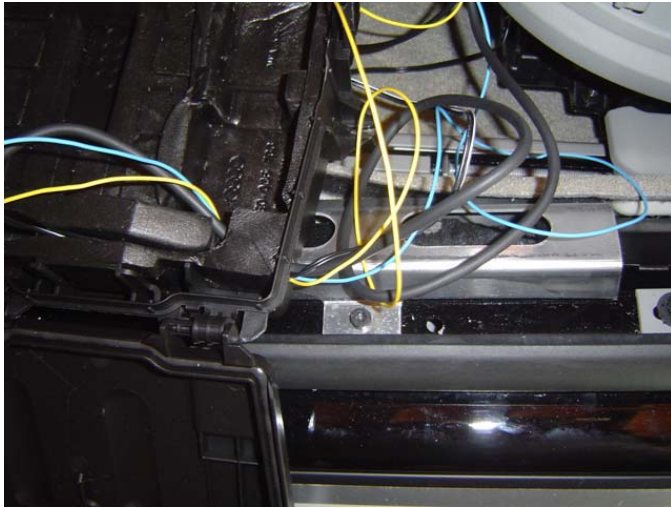
Disconnect the 42 pin connector from the Telematics box. To remove the connector, it must be racked out using the small white lever on the connector. Just release the white lever, rotate it, the connector will pull out.

Remove two antenna wires (bordeaux and blue in color). Remove wiring from box by taking large rubber grommet out of entrance to box. Bring box to a suitable work location.



On the forward left hand side of the box, drill a hole that is approximately 3/8" diameter or slightly larger. This hole should be aligned with the back up battery wire cut out on the foam padding. It should pierce through the foam padding to the wiring channel.

Place the supplied wiring grommet in the hole and thread the wiring harness through the grommet. Picture below shows location of hole for wiring harness, but it is not the supplied Parrot 3100 harness.



Connecting up the Wiring for the Kit

When wiring up the kit, cut the wires in the supplied wiring harness to the correct length. The Bluetooth brain box will be mounted just adjacent to the VAG-COM port and the wiring will be run down the factory wiring run. Leave approximately 6" of wire length at the end of the run at the floor board before the harness goes into the Telematics box.

After the wiring is run into the Telematics box, trim it to length (removing the electrical tape as required) before making up and soldering connections.

The following will be hooked up, in the following order:

- B Pillar Speaker (+)
- B Pillar Speaker (-)
- Phone Mute
- Switched 12 VDC
- Unswitched 12 VDC
- Ground

Remove Cover from 42 Pin Connector

Remove the cover from the 42 pin connector by sliding the end cap off. Once the end cap is removed, slide the 42 pin insert out of the connector housing.



B Pillar Phone Speaker

Determine the B pillar phone speaker wires by using the supplied pick tool. Press down on the tab as shown below and push with the tool/pull with your fingers and the B pillar speaker wires will come out.

Remove wires from pin 11 (green) and pin 32 (black).

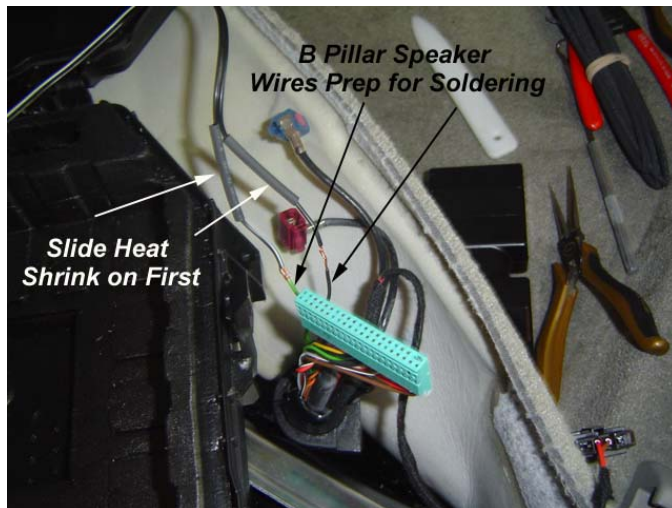


Once removed, you will be cutting the ends off these wires and attaching them to the Bluetooth speaker output wires (black and black/white wires). To connect, strip both wires back, place a piece of supplied heat shrink tubing over the speaker wires, then twist the following:

Green, terminal 11 to Red/Gray box, Bluetooth kit speaker (+) wire

Black, terminal 32 to Green/Gray box Bluetooth kit speaker (-) wire

Solder the two together by tinning the soldering iron, heating the joint, and flowing solder in. Let cool, put the heat shrink over the connections and heat shrink.



Power, Ground and Mute

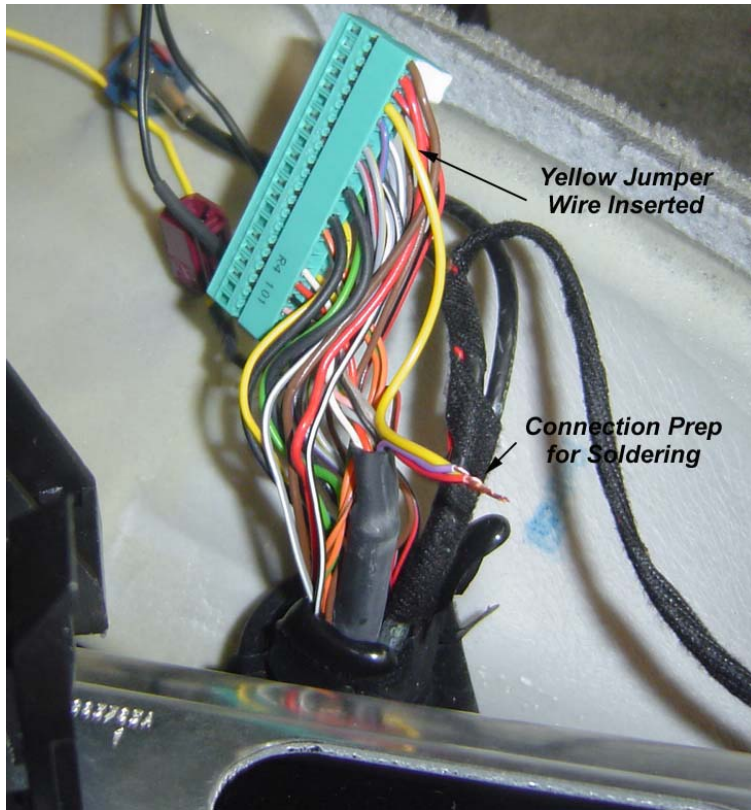
For the power (switched and unswitched), ground and phone mute, the wires will be determined as above, but then a jumper installed and new wires piggy backed on the existing wires.

The wiring diagram is provided an additional document.

To connect the wires, determine the wire in the first column. Insert a supplied yellow wire jumper in the 42 pin connector. Make sure it's trimmed to the correct length. It will have to clear the 42 pin connector, but don't make it too long. Before trimming, consider putting the connector cover back on to see what you will be doing.

Once the wire is trimmed, strip the end. Cut connector off wire end of removed wire. Strip back. Strip the Bluetooth kit wire to be connected.

Twist all wires required for connection as shown:



Connection prep for soldering. NOTE: Violet is NOT used for your kit. Follow wiring tables.

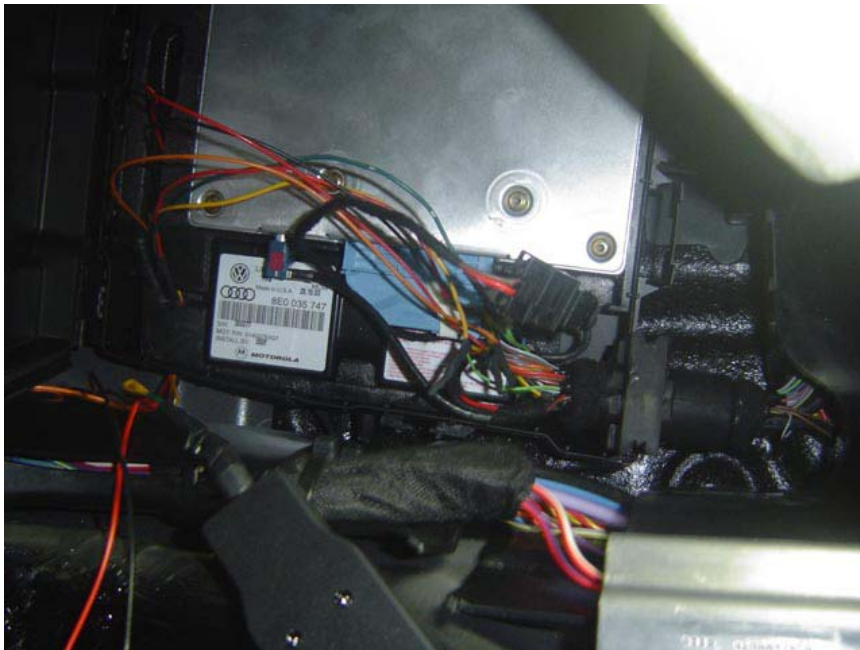
After the wires are soldered, place a piece of heat shrink over the connection and heat to shrink. Tape connections as required. It is recommended to use electrical tape only versus tie wraps so that wires do not get cut.

Complete all four connections in accordance with wiring table. The following picture shows the 42 pin connector completed wiring for the Parrot 3100 kit:



Replace the 42 pin connector housing on the connector.

Reconnect the control module to the 42 pin connector and the two antenna wires. Route the Bluetooth kit wiring in the box smartly.



Plug in all Bluetooth kit components to brain (wiring harness, speaker harness, mic, remote button control and speaker). Reinstall fuse SB13. Turn on ignition and test kit. If it works

properly, turn off ignition and continue. If not, troubleshoot the problem or contact audipages.com.

Route the wires from the Telematics box behind and below the factory wiring harness plastic connector. Mount the Mute relay box with Velcro as shown below.



Close the Telematics box and reinstall in location. Put carpet down.

Mounting the Bluetooth Brain Box

Using velcro, secure Parrot 3100 brain box just forward of the VAG-COM plug as shown in the picture below. The end with the wire connections should be pointing outboard. The Microphone and head unit plug should point inboard.



*Mount the Bluetooth brainbox with Velcro just forward and to the left of the hood release.
NOTE: Sony HCB-30 unit is shown, mount the Parrot kit in the same location.*

Routing the Microphone Wire

The microphone will be mounted on the sunroof control panel. Using the supplied sticky tape on the back of the microphone, attach it to the sunroof control panel.



Tuck it up behind the middle sun visor, and then into the headliner where it meets the windshield.

NOTE: The wire is not thick enough to stay between the headliner and the windshield. This is cured by wrapping a few turns of electrical tape around the wire to increase its diameter. Do this every 3"-4". Then push it up in the headliner with the supplied plastic spatula. Continue running the wire along the driver's side "A" pillar, adding electrical tape as required.

Using the plastic spatula, run it all the way down the A pillar to the base of the windshield. Then run it between the A pillar trim and the dash panel. Run it down along door trim out, behind the fuse panel cover (panel must be removed). The following pictures are on the passenger side of a D2 A8, but it is the same concept. **There is NO need to use a screwdriver or have to lift the A pillar trim up as shown below.**



D2 A8 passenger side shown, but run the mic wire in the same fashion on the driver's side.

Once the mic wire has been run down to the brain box, plug it in.

Routing the Control Panel Wire

The Parrot 3100 Control Panel can be mounted where ever you desire. One place is to mount it just above the driver's HVAC control knob. To do so, tape the touch pad to the dash with the supplied tape on the back of the unit (no other supplied kit components are used to mount it). Using the trim stick, push the wire between the console and lower left hand dash panel. Route over to the brain box, tape up slack in cable and plug in.



Reinstall Driver's Side Trim

When all steps above are completed and tested satisfactorily, replace trim in reverse order of removal.

Clip left foot rest in place and secure Torx T-35 screw. Replace driver's door trim kick piece by using only hands to reinstall, vertical section first, horizontal section second, hit down with hands to clip in place.

Pair the Phone with the Parrot

Your system was bench tested satisfactorily. Pair your phone with the hands free unit using instructions outlined in the Parrot 3100 instruction manual and your phone manual. The code for the Parrot 3100 is "1234".