

Audi A8 D3 Sony HCB-30 Bluetooth Kit Installation Checklist

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Tools and Parts Required

Supplied audipages.com kit

Torx T-35 screwdriver

Soldering iron

Solder

Heat gun or other heat source to heat shrink tubing

Drill with 3/8" bit

Small wire cutters

Wire strippers that go down to 20 gage wire

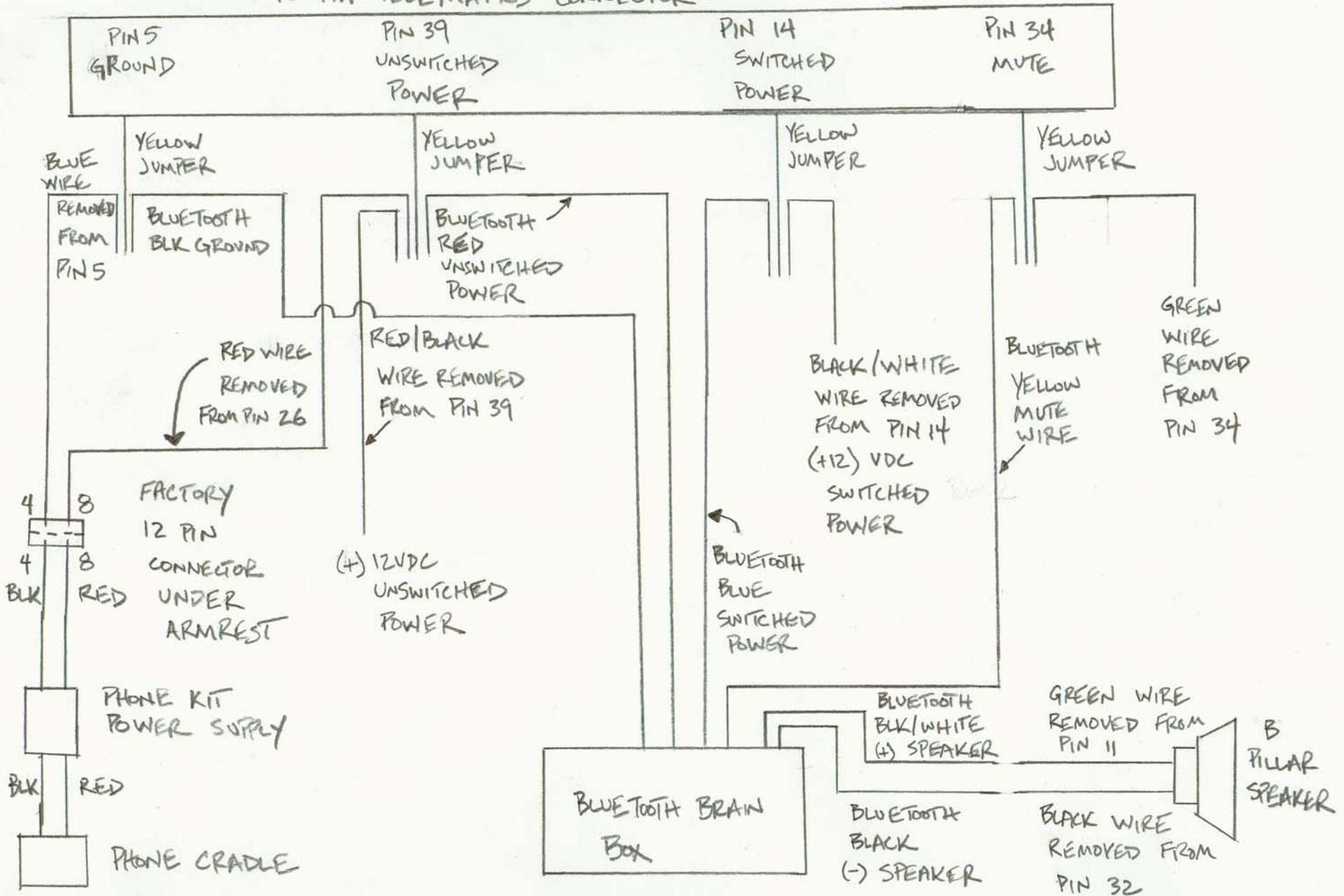
Electrical Tape

Drop or Flash Light

Hanger for pulling wire

<i>Step</i>	<i>Description</i>	<i>Completed (check)</i>
1	Place Telematics box in Service Mode.	
2	Remove Fuse SB13.	
3	Remove driver's side trim and Telematics box from under carpet.	
4	Disconnect wiring from Telematics box. Drill hole for wiring harness. Modify six connections on the 42 pin connector.	
5	Install cover on 42 pin connector, plug into Telematics box, install Fuse SB13. Plug all components into HCB-30 brain box, turn on ignition and test.	
6	Mount HCB-30 brain box, run wiring.	
7	Replace Telematics box, replace carpet.	
8	Mount and route the microphone and wire.	
9	Mount and route the touch pad and wire.	
10	Take Telematics box out of Service Mode.	
11	Replace all trim removed.	
12	Remove the cover below center armrest.	
13	Pull carpet down on passenger side.	
14	Route phone cradle power wires and antenna wire.	
15	Make up connections.	
16	Trim carpet to allow wires to pass through carpet strip.	
17	Reinstall carpet strip and carpet.	
18	Mount Kuda base.	
19	Replace trim cover under armrest	

42 PIN TELEMATICS CONNECTOR



D3 Audi A8 Bluetooth Wiring Diagram with HCB-30 Kit

Audi A8 D3 Sony HCB-30 Bluetooth Kit Wiring Table

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42 Pin Telematics Connector

<i>Pin</i>	<i>Wire Color</i>	<i>Purpose</i>	<i>Connection</i>
11	Green	B Pillar Speaker (+)	Remove wire, cut and solder to Bluetooth kit black/white speaker wire
32	Black	B Pillar Speaker (-)	Remove wire, cut and solder to Bluetooth kit solid black speaker wire
5	Blue	Ground	Remove wire, install new yellow wire. Solder together with Blue wire removed and Bluetooth kit ground wire (Black)
26	Red	N/A will be using it to run unswitched power to the cradle	Remove wire, will connect to Pin 39 below
39	Red/Black	Unswitched 12 VDC	Remove wire, install new yellow wire. Solder together with Red/Black wire removed, Red wire removed from pin 26 above and Bluetooth kit unswitched 12 VDC wire (Red)
14	Black/White	Switched 12 VDC	Remove wire, install new yellow wire. Solder together with Black/White wire removed and Bluetooth kit switched 12 VDC wire (Blue)
34	Green	Mute	Remove wire, install new yellow jumper wire. Cut and solder Green, Yellow jumper and Bluetooth kit mute wire (Yellow)

Cradle Power Supply

If you did not send in your factory V60 cradle base for wiring modification, you will need to perform the following.

Disconnect the 12 pin connector under the armrest. Cut the cable between the factory 12 pin connector and the factory installed base. Strip back the black sheath about 3". There will be red and black wires that are heavier gage wires as compared to all others. They pin out to pins 4 and 8 on the 12 pin connector.

<i>Pin</i>	<i>Wire Color</i>	<i>Purpose</i>	<i>Connection</i>
4	Black	Ground	Solder to kit black wire
8	Red	Unswitched Power	Solder to kit red wire

Cut all wires back except for the red and black heavy gage wires. Slip a piece of large heat shrink tubing over the sheath. Slide two small pieces of heat shrink tubing over the red and black wire. Solder the red and black wires to the red and black wires of the supplied kit. This is the 12 VDC power supply to the phone kit power supply. Slide heat shrink tubing in place and shrink.