



Installation Instructions

Communication, Satellite Radio

Page 1 of 7

March 2004

Accessory
Development

These installation instructions supercede all previous versions.

SUBJECT

Sirius Receiver Installation Kit – P/N 84 11 0 150 534

MODEL

MINI Cooper / Cooper-S (R50/53): Select Vehicle Production 09/02 – On*

* Not compatible with optional Navigation (SA609) or Cassette Radio (ZCA)

SUGGESTED INSTALLATION TIME: 0.75 Hours

The instructions below are developed for MINI vehicles and are not be compared to any other existing instructions for vehicles other than MINI. No methods other than those specified in this document are to be used for installation in MINI vehicles. Left and right are determined from driver's seat.

Carefully read all instructions and supplements before proceeding with the installation. Reference should be made to TIS for instructions dealing with a stock part of the vehicle but not stated in detail in these instructions.

The instructions were complete and up to date at time of publication; however, changes to the vehicle or installation may have occurred. Please report any problems or changes noted with the installation to BMW Technical Hotline, along with VIN, date of manufacture and as much detail as possible.

PARTS INFORMATION

Contents of Kit - P/N 84 11 0 150 534

Description	QTY	MINI Part Number
Receiver Bracket	1	84 11 0 150 534
Receiver Mounting Screws (M4)	4	NA
M6 Nut with captured washer	1	NA
Rubber Plug	1	84 11 0 151 238
Wire ties	6	NA
Owners Manual	1	84 11 0 150 560

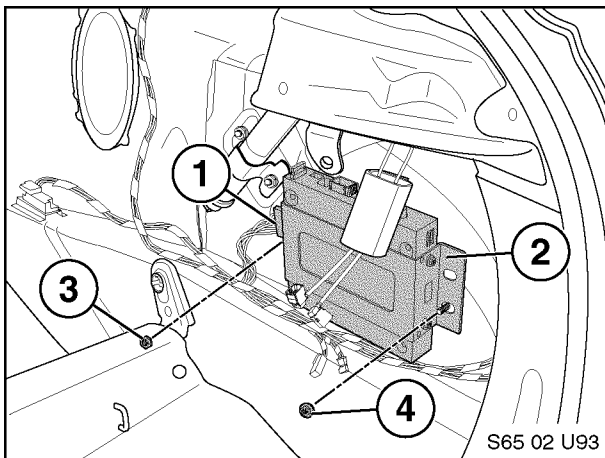
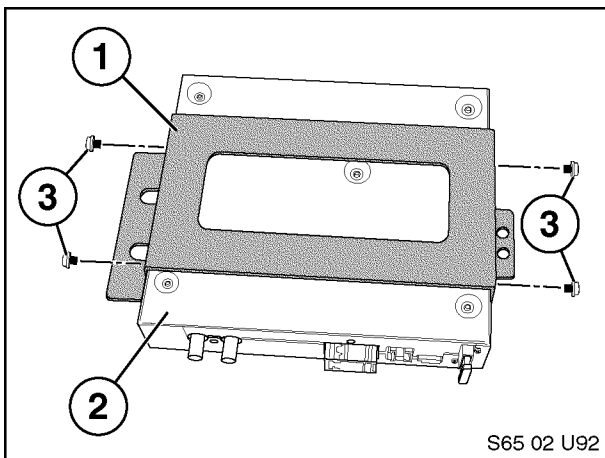
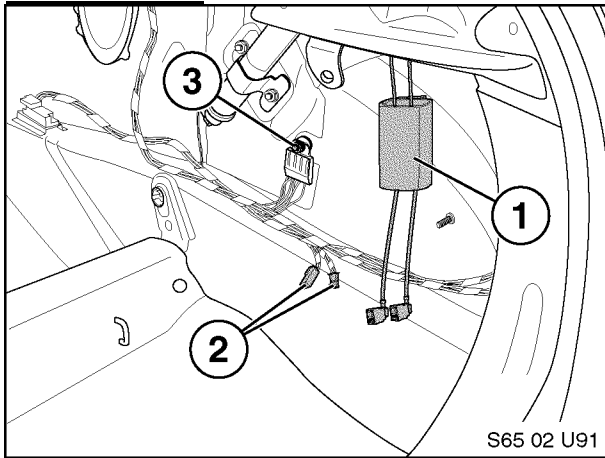
Additional Required Parts

MINI Sirius Antenna Kit	84 11 0 150 524
Sirius Receiver	84 11 0 150 535
1.5m CDC Extension Cable ⁽¹⁾	84 11 0 150 532
1.5m Extension Cable (H/K) ⁽²⁾	84 11 0 150 533

(1) Required only for vehicles with optional trunk mount CD Changer

(2) Required only for vehicles with harman/kardon® audio system

★★ DO IT RIGHT THE FIRST TIME, ON TIME, EVERY TIME ★★

PROCEDURE:

Note: If vehicle is equipped with optional harman/kardon® sound system proceed to page 4.

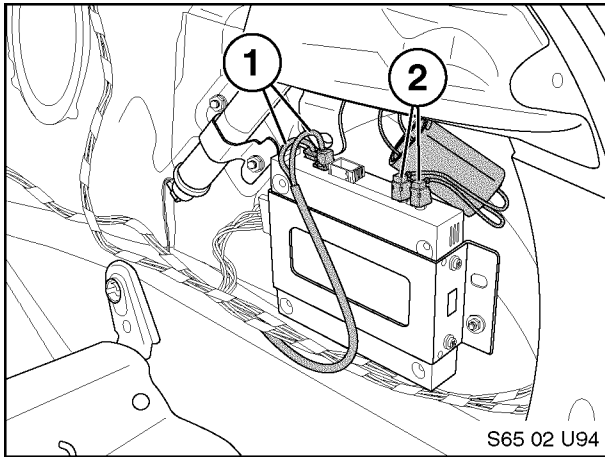
1. Mount MINI Sirius antenna using instructions available in antenna installation kit. All necessary panels will have been removed in previous steps.
2. Locate ALC Module (1) installed during Sirius Antenna procedure and factory pre-wired CD Changer 3-Pin Power and 6-Pin Audio Cables (2). Remove Nut (3) securing ground junction terminal to trunk wall. Save mounting nut for reuse.
3. Mount Sirius Receiver (2) in receiver bracket (1) using 4 M4x6 (3) screws provided in kit.

Note: Note direction of bracket as it aligns to receiver in this installation.

4. Rotate ground junction block (1) 90° clockwise. Align bracket assembly (2) with threaded studs on Right trunk wall. Install and tighten front mounting nut (3) (removed in Step 2) and rear M6 mounting nut (4) supplied in hardware kit.

Warning: Failure to properly re-mount ground junction block may cause vehicle electrical malfunctions.

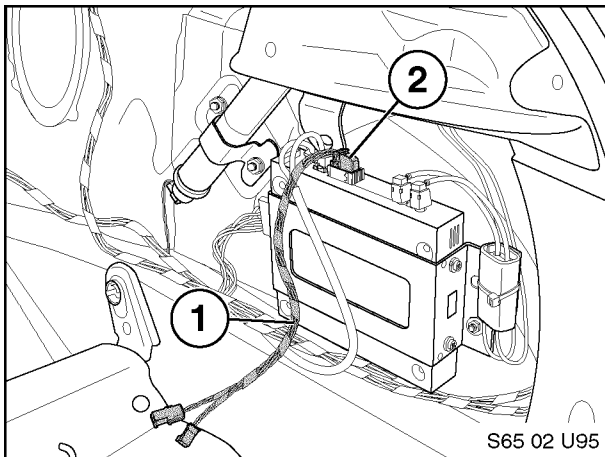
Note: It may be necessary to reroute some cables to allow the Sirius receiver to sit properly. Once the Sirius receiver is installed re-secure these cables.



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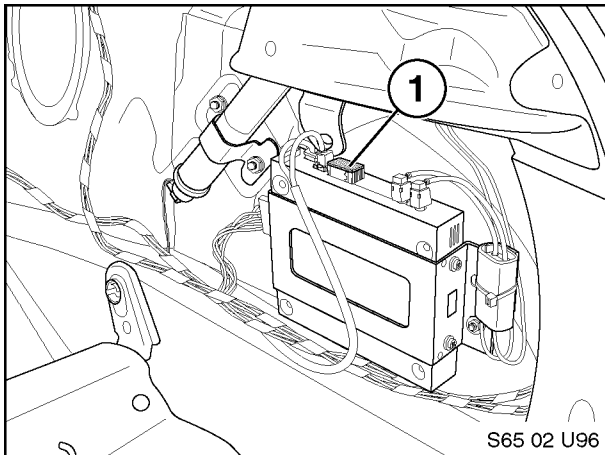
5. Insert CD Changer 3-Pin Power cable and 6-Pin audio cable (1) into appropriate connectors on Sirius receiver. Connect 2 color-coded terminals from ALC module (2) to corresponding connectors on Sirius receiver (2).
6. Fasten ALC module to vehicle frame with wire-ties provided in kit. Mount ALC module in acceptable location so that it does not interfere with other electronic components and wiring harnesses.

Note: Make sure that ALC antenna cables are not pinched and that ALC is placed in secure location to prevent vibration.



If vehicle is equipped with optional CD Changer

7. Install 1.5m CD Changer extension cable (1) into Sirius receiver (2) and route cable to CD Changer mounting location. Connect CD Changer Cables and install CD Changer in its correct location.



If vehicle is not equipped with optional CD Changer:

8. Install plug (1) from installation kit into Sirius receiver CD Changer extension connector.

Warning: Failure to insert the plug into the CDC extension connector could result in damage to the Sirius receiver.

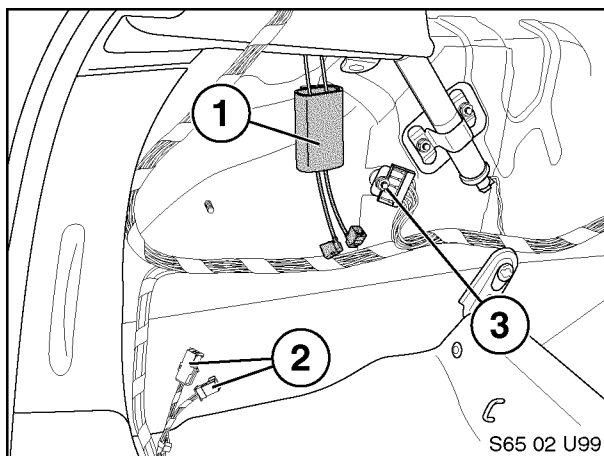
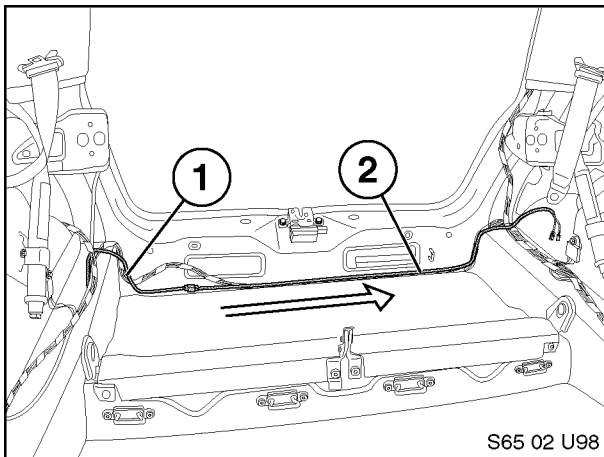
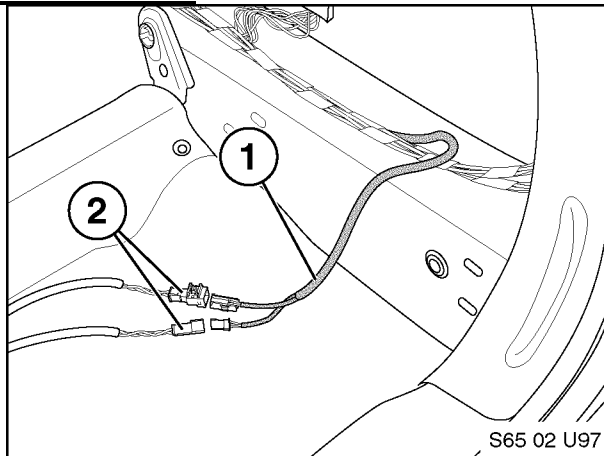
9. Fasten loose wiring with wire-ties
10. Installation is complete.
11. Refer to activation procedure at the end of this installation manual to test functionality and activate the Sirius receiver.

Pre-Activation Procedure:

Complete MINI USA / Sirius Satellite Radio Activation Worksheet.

Please refer to Centernet and/or MINI Parts Bulletins for latest worksheet and activation procedure.

PROCEDURE:

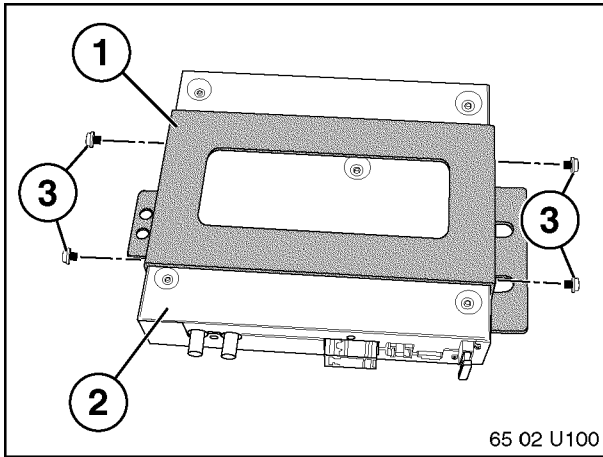


For Vehicles with harman/kardon® sound system

1. Mount MINI Sirius antenna using instructions available in antenna installation kit. All necessary panels will have been removed in previous steps.
2. Locate factory pre-wired CD Changer 3-Pin Power and 6-Pin Audio Cables (1) and connect corresponding connectors to 1.5m Extension cable (2).
3. Route 1.5m extension cable (1) along trunk floor to the left side of trunk (2) and secure.
4. Locate ALC Module (1) installed during Sirius Antenna procedure and extension cable (2) routed to Left trunk area. Remove Nut (3) securing ground junction terminal to trunk wall. Save mounting nut for re-use.

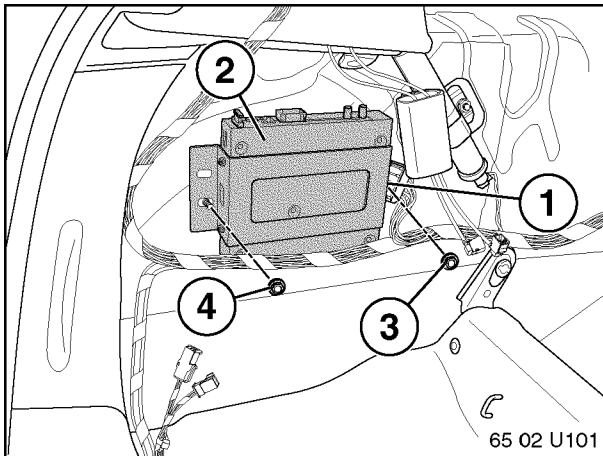
Note: It may be necessary to reroute some cables to allow the Sirius receiver to sit properly. Once the Sirius receiver is installed re-secure these cables.

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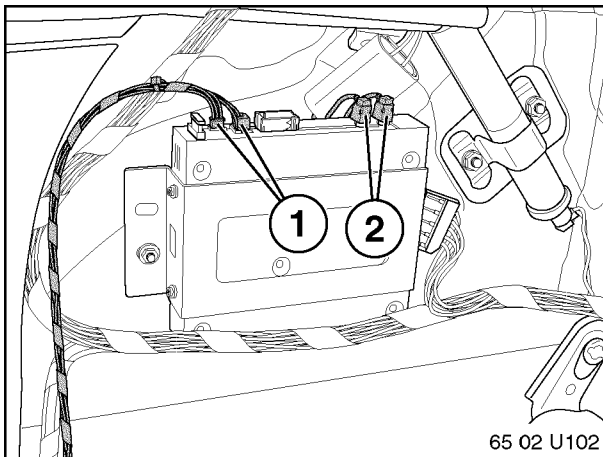
5. Mount Sirius Receiver (2) in bracket (1) using 4 M4x6 (3) screws provided in kit.

Note: Note direction of bracket as it aligns to receiver in this installation.



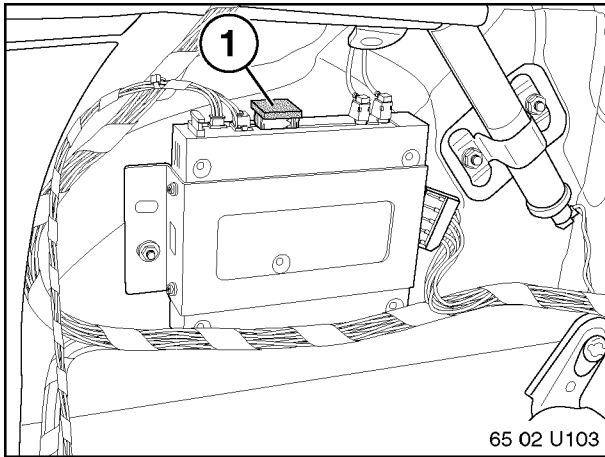
6. Rotate ground junction block (1) 90° counter-clockwise. Align bracket assembly (2) with threaded studs on Left trunk wall. Install and tighten front mounting nut (3) (removed in Step 2) and rear mounting nut (4) (supplied in hardware kit).

Warning: Failure to properly re-mount ground junction block may cause vehicle electrical malfunctions.



7. Insert 3-Pin Power cable and 6-Pin audio into appropriate connectors (1) on Sirius receiver.
8. Connect 2 color-coded terminals from ALC module (2) to corresponding connectors on Sirius receiver (2).
9. Fasten ALC module to vehicle frame with wire-ties provided in kit. Mount ALC module in acceptable location so that it does not interfere with other electronic components and wiring harnesses.

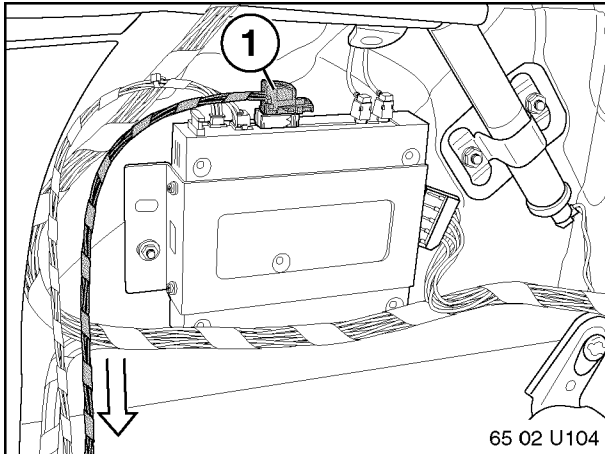
Note: Make sure that ALC antenna cables are not pinched and that ALC is placed in secure location to prevent vibration.



If vehicle is not equipped with optional CD Changer:

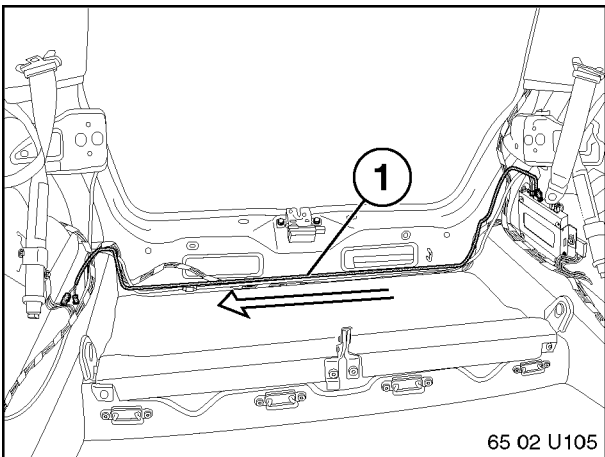
10. Install plug (1) from installation kit into Sirius receiver CD Changer extension connector.

Warning: Failure to insert the plug into the CDC extension connector could result in damage to the Sirius receiver.



If vehicle is equipped with optional CD Changer:

11. Connect 1.5m CDC extension cable (1) to CD changer connector on Sirius Receiver and route cable to trunk floor.



12. Route CDC extension cable along trunk floor to CD changer location. Secure cable with wire-ties.

12. Fasten loose wiring with wire-ties

13. Installation is complete.

14. Refer to activation procedure at the end of this installation manual to test functionality and activate the Sirius receiver.

VEHICLE CODING

There is no vehicle coding required for this installation.

PRE-ACTIVATION PROCEDURE

Complete MINI USA / Sirius Satellite Radio Activation Worksheet.

Please refer to Centernet and/or MINI Parts Bulletins for latest worksheet and activation procedure.

MINI USA SIRIUS SATELLITE RADIO ACTIVATION PROCEDURE:

Step 1: Locate vehicle outside so that the roof with has a clear **Line-of-Sight** to the sky. Make sure that vehicle is located at a distance greater than 10 feet from nearest building. (Do not place vehicle under a tree or other solid structure.)

Note: For MINI Centers located in downtown cities such as NYC or LA, it may not be necessary to locate vehicle outside. In this case, locate vehicle near window to receive Sirius signal and activate receiver.

Step 2: Turn key to position 1. (**KL-R**)

Step 3: Turn Radio **ON** by pressing knob.

Step 4: Press the **"MODE"** button repeatedly until Sirius Satellite Mode is activated. **"SIRIUS"** will be displayed.

Step 5: The receiver will now try to find any available Sirius Satellite Radio signal. **"ACQUIRING"** may flash in the display until a channel is found. This step may take 2-3 minutes.
(If **"ACQUIRING"** continues to flash then no Sirius signal is available. Please re-locate vehicle and repeat Steps 1 – 4.)

Step 6: Channel 184 **"CH 184"** should be found and **"Preview"** should be displayed. Audio should also be heard at this time. (Channel 184 should be available on every receiver and was designed to allow technicians to confirm Sirius receiver functionality before activation.)

Step 7: If **"Preview"** is displayed and audio is functioning correctly (Check radio Balance and Fader), proceed to step 10. If not, go to next step.

Step 8: If "No Channel" is displayed, turn radio OFF, wait 10 seconds, and repeat Steps 3 & 4.

Step 9: Press channel up/down arrow keys repeatedly until Channel 184 is found and "Preview" is displayed. Allow receiver to update information. (Approx. 30 seconds) Audio should now be heard, "Preview" is displayed and Channel 184 should be the only available channel. If you are able to select other "unavailable" channels repeat Steps 3 – 6.

Step 10: Have completed **Sirius Satellite Radio Activation Worksheet** and contact Sirius to activate receiver. **Sirius Receiver ESN** can be found on bottom of Sirius receiver or by pressing **"SAT"** key for greater than 1.5 seconds and ESN will be displayed. Please refer to Activation Worksheet for correct Sirius activation procedure.

Step 11: After Sirius Customer Service Representative activates receiver, it will take approximately 5 minutes or less for signal to reach the vehicle. Leave radio in Sirius Satellite mode with **"Preview"** displayed and key in KL-R position for approximately 5 minutes.

Step 12: Turn Radio OFF by pressing knob, wait 10 seconds, and repeat Steps 3 & 4.

Step 13: Press channel up/down arrow keys to select available channels. All available channels can now be selected and/or stored in 18 Preset locations. (Please refer to Owner's Manual for additional Sirius Satellite Mode functionality and features.) **ACTIVATION COMPLETE**

Step 14: If channels other than Channel 184 are not available, repeat Steps 12 & 13. If channels are still not available, it may be necessary to repeat Steps 10 – 13 for additional activation attempt.