

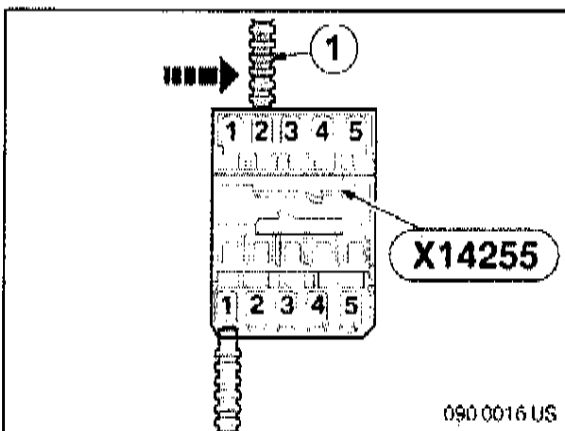
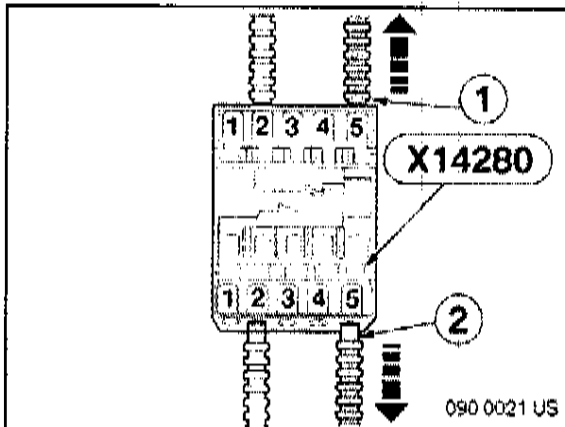
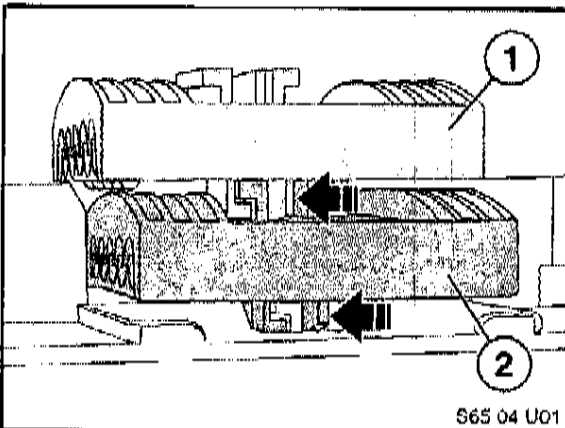
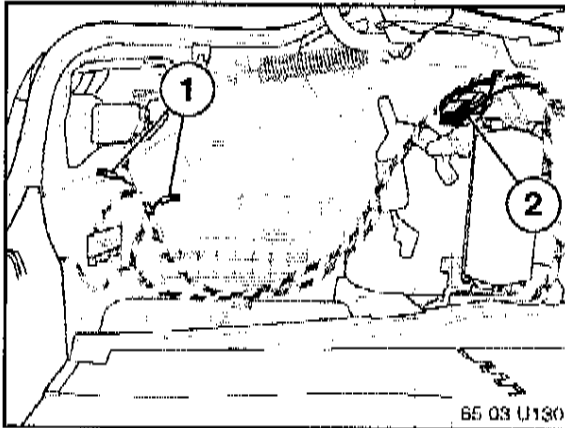
PARTS INFORMATION

Description	Qty	BMW Part Number
Sirius Receiver (vehicle production 3/06 – 3/08)	1	65 12 6 987 545
Sirius Receiver (vehicle production 7/03 - 3/06)	1	65 12 6 948 064
Bracket	1	65 10 6 925 468
Clip Nut M5	3	61 13 1 372 033
Bolt M5X13	7	07 11 9 902 932

Note: Please utilize the correct Sirius receiver based on vehicle production listed above. Due to hardware and vehicle wiring changes it is not possible to interchange parts.

Caution: The technician performing this installation must be experienced working with MOST-ring connectors and fiber-optic components. Never touch tip of fiber-optic cable with bare fingers. Oil from fingertips can cause errors in MOST system. If necessary, clean cables with alcohol before reassembly.

Procedure



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1. Battery must be connected and fully charged for preliminary steps.
2. Remove left rearward and left forward trunk trim panels.
3. Locate Sirius antenna and MOST/Power connectors in rear left corner (1).
4. Locate MOST-bus junction blocks (2) in left forward trunk area.
5. Separate upper junction block (1) from lower black junction block (2) by pushing locking tab (black arrow) to the left and sliding upper block rearward.
6. Separate lower junction block (2) from plastic mounting bracket by pushing locking tab (black arrow) to the left and sliding block rearward.

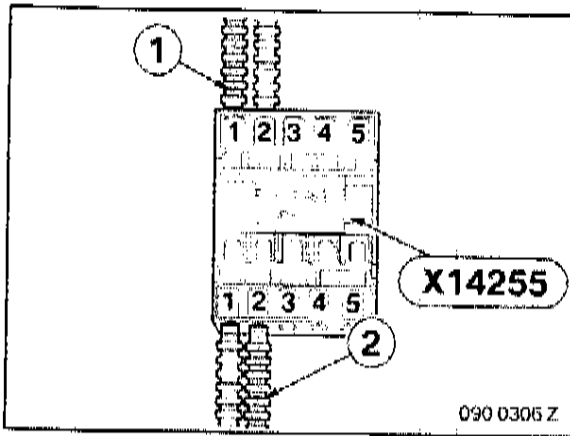
Optic cables removed from illustration for clarity purposes.

Warning: Before proceeding with the next step, please label all fiber cables including whether cable is Input or Output to avoid cabling errors.

7. Unlock the cover caps from the MOST-bus junction blocks with the aid of a small flat head screwdriver.
8. Remove the satellite receiver (SDARS) fiber optic cables (1 & 2) from **Position 5** of the upper black junction block **X14280** with the aid of a small flat head screwdriver.
9. Remove the fiber optic cable (1) from **Position 1** on the lower black junction block **X14255** and re-connect it to **Position 2**.

Note: The number of fiber cables connected to MOST junction block **X14255** may differ than shown depending on vehicle options.

Note: It may be necessary to remove and re-connect multiple fiber cables into next slot positions from Step 13 if Position 2 is already occupied.



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10. Connect the SDARS fiber optic cable (1) removed from junction block X14280 in Step 12 into the empty slot **Position 1** of junction block X14255.
11. Connect the SDARS fiber optic cable (2) removed from junction block X14280 in Step 12 into **Position 2** of junction block X14255.

Note: The number of fiber cables connected to MOST junction block X14255 may differ than shown depending on vehicle options.

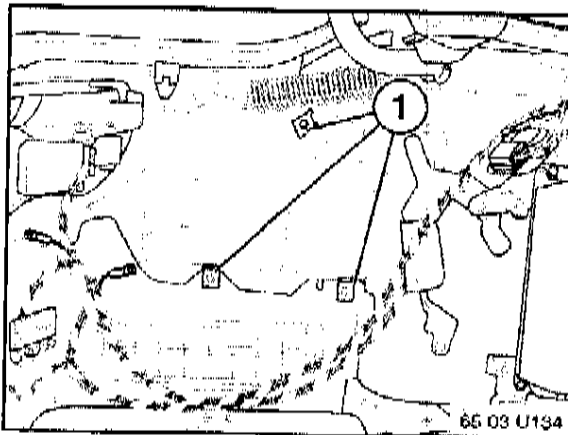
12. Lock the cover caps onto the upper and lower black junction blocks and re-secure both junction blocks to the plastic bracket.

13. Turn ignition to OFF position

14. Disconnect vehicle's battery.

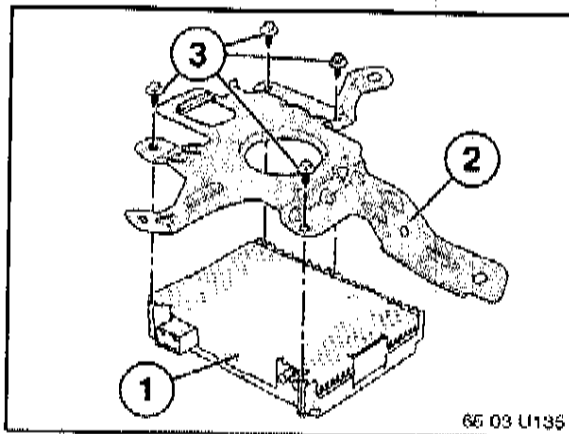
15. Insert 3 clip nuts in these locations (1).

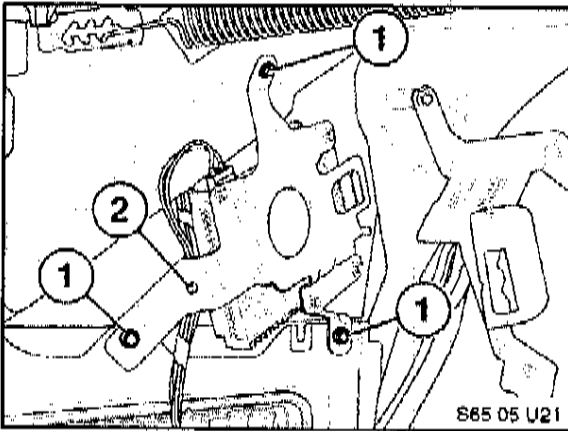
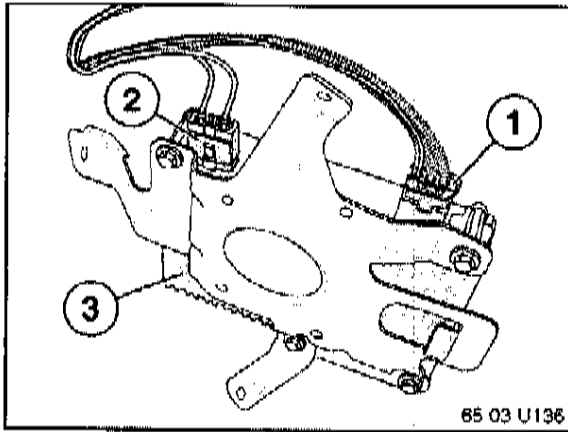
Note: On Logic7-equipped vehicles amplifier will have to be temporarily removed to access Sirius Bracket mounting points. Use instructions available through TIS to remove and re-install Logic7 amplifier.



16. Install Sirius receiver (1) to bracket (2) as indicated using 4 bolts (3).

Caution: Take care to avoid over-tightening or cross-treading these bolts, as the aluminum threading of the receiver may be damaged.





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17. Remove cable-ties securing Sirius connectors to rear of trunk.
18. Connect Sirius Power/MOST connector (1) and antenna connector (2) to Sirius receiver (3) as indicated.

19. Mount Sirius bracket assembly to vehicle using 3 bolts (1).

Note: Sirius wiring harness is to be routed behind Sirius receiver bracket as shown.

20. Attach Sirius wiring harness clip (2) to Sirius bracket in order to secure the harness.
21. Re-install all components removed during installation.
22. Re-connect vehicle battery.

Installation complete.

Proceed to Retrofit Coding and then Activation Procedure to finalize Sirius retrofit.

RETROFIT CODING

Note: Please refer to SI B09 05 01 for latest Progman retrofit procedure before starting vehicle coding.

Retrofit Sirius Receiver using Progman 26.x.x or later

Follow approved Progman Retrofit procedures until Retrofit selection appears then:

Select: **Retrofits**

Again Select: **Retrofits**

Select: **SDARS**

Select: **Added**

Informational page displays "Retrofitting SDARS selected. The vehicle order is changed during sequence".

Select: **CONTINUE**

Tester will automatically determine measures plan for encoding 655 (SDARS) and will be added to vehicle order.

Select: **ACCEPT**

Select: **START** to execute measures plan

Upon completion of SDARS retrofit coding conduct functional test of the Sirius Receiver.

Proceed to Sirius Activation Procedure.

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ACTIVATION PROCEDURE

Sirius Satellite Radio for E60

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 BMW 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 or other area with adequate signal strength to receive Sirius signal and activate receiver. Please consult your Sirius representative for signal coverage in your area.

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

Step 3: From Main Menu, select **Entertainment** option using iDrive.

Step 4: Select **SAT** option on top of screen.

Step 5: Select **All Channels**. A list of available channels will appear. If a receiver is not yet activated none of the channels will be checked (✓) except **CH 184 Sirius Weather**. Scroll down channel listing and select channel 184 to confirm it is available and audio is heard. **Channel 184 should be available on every new receiver and was designed to allow technicians to confirm Sirius receiver functionality before Initial activation.**

Step 7: If "**CH 184 Sirius Weather**" is displayed and audio is functioning correctly, proceed to step 10. If not, go to next step.

*Step 8: If "**CH 184 Weather**" is not available, turn key OFF, wait @ 5 minutes, for MOST Bus to reset and repeat Steps 2 - 4.*

*Step 9: Allow receiver to update information. (Approx. 30 seconds) Audio should now be heard under "**CH 184 Sirius Weather**" channel. Channel 184 should be the only available channel.*

Step 10: Contact Sirius to activate the receiver. The **12-digit Sirius Receiver ESN** can be found on the Sirius receiver or by selecting an unchecked channel (such as CH 001). ESN will be displayed on screen if an unchecked channel is selected.

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 "Sirius Weather" displayed and key in KL-R position for approximately 5 additional minutes in order to successfully download all Initial satellite information.

Step12: Turn KEY OFF. Wait approximately 5 minutes for receiver to reset, and repeat Steps 2-4.

Step 13: Select **All Channels**. A list of available channels will appear. If a receiver is activated correctly all channel numbers will include a check mark (✓). If receiver is activated under a censored plan such as Family Package certain channels containing objectionable material will remain unchecked. Please refer to Vehicle Owner's Manual for additional Sirius Satellite Mode functionality and features.

ACTIVATION COMPLETE