

Thank you for your purchase. Read this document THOROUGHLY before starting. Read it twice or thrice!

You will need to disassemble your trim to get to the stereo. There are tutorials online to help you with this. I recommend the following <http://forums.5series.net/topic/94318-dash-trim-change-guide/>

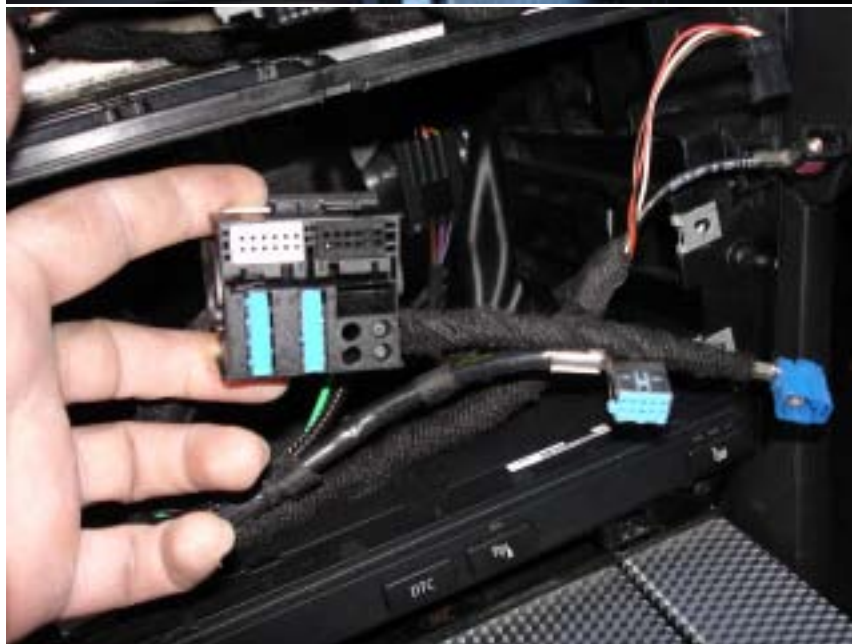
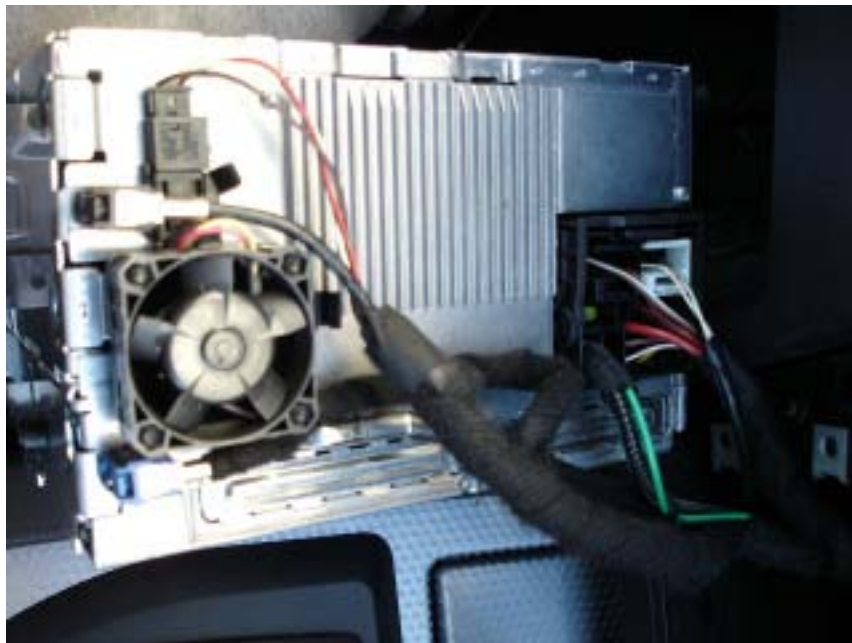
If using a flat head screwdriver PLEASE wrap the end in electrical tape. I recommend you disconnect the battery negative terminal while doing this. It is not needed but if you are not familiar with an install I would recommend it.

Carefully remove the head unit by PATIENTLY unplugging the harness. To remove, you grasp the harness on either side and pull the top clip of the harness down and it will automatically slide off. Again, easy does it.

After removing the stereo completely you can now work on the harness. Remove plug X13813 from X13812. Install the connectors to X13813 per the pinout below. Install X13813 into X13812.

On the connector are little numbers. Read the number and connect the colors to the pins below. If you mess up it may be difficult to push the connector out to switch it to another port. Connectors should slide in. You may have to push them to make sure they're tight. If you've messed this up and ended up sliding the connector out of the port, you may need to use a little superglue to make sure the connector is seated tightly. This glue is very thin and can easily run. Do not squeeze the bottle! Just dab it until you see a little glue has made contact. Allow to dry for 5- 10 minutes.

Decide where you would like to put your new jack. Most people slide it into the glovebox. Do so at this time leaving a little play so that you can still maneuver the harness X13812. After you have the cable routed to your desired location secure this aux cable to your wire harness with the provided wire tie.

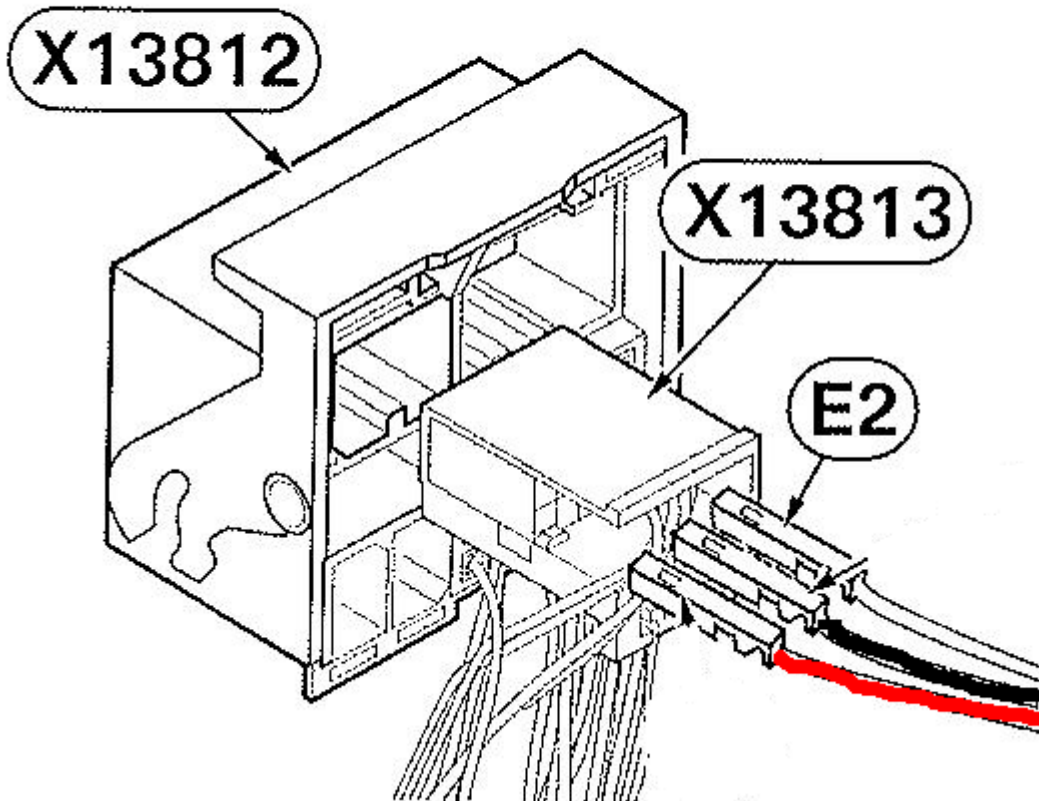




The pinout is as follows below. If you look closely the numbers of the pin are on the front of the harness.

[10] [9] [8] [7] [6]
 [1] [2] [3] [4] [5]

RED = Right + (to pin 7) WHITE = Left + (to pin 2) Black = Ground – (to pin 8)



After you install you should have your car coded for AUX. If you car is still in warranty or if your BMW dealership is a gracious one, they may perform this for free along with the MP3 playback issue. If not, find an independent shop that can code this for you. I have included the service bulletin for you. Remember, you need to play MP3 on your disc drives and you'll need the Aux option. If you do not want to encode aux there is a workaround where you can use a jumper cable and then use the MUTE button to tell your stereo to go into AUX mode by pressing mute. Contact me for details.

Implementation of MP3 Capability

Model	Radio with In-dash CD Drive	Board Monitor with CD Drive, CCC, ASK	CD Changer
E46	since 09/04	no MP3 capability, only icw CD Changer	as of 09/05
E53	since 09/04	no MP3 capability, only Cassette drive offered	as of 09/05
E83	since 09/04	since 09/04	as of 09/05
E85	since 09/04	since 09/04	as of 09/05
E60/E61	since 03/05 (M-ASK, MY06 only)	since 03/05 ** Refer to SI B653005	as of 03/07
E63/E64	not offered	since 03/05 ** Refer to SI B653005	as of 03/07
E65/E66	not offered	no MP3 capability (ASK), only icw CD Changer	since 03/05
E90/E91	since SOP	since SOP ** Refer to SI B653005	since SOP ** Refer to SI B653005
icw = in conjunction with			
SOP = Start of Production			
** = CCC Vehicles from 03/05 to 09/05, MP3 functionality has to be retrofitted via Progman.			



SUBJECT

CCC: MP3 CD Playback Not Available

MODEL

E60, E61 (5 Series) with SA 609 CCC–Navigation from 3/05 to 9/29/05 vehicle production

E63, E64 (6 Series) from 3/05 to 9/29/05 vehicle production

E90, E91 (3 series)) with SA 609 CCC–Navigation vehicles produced up to 9/29/05

SITUATION

The MP3 option is not available in the audio menu. When an MP3 CD is used, it is not recognized as a valid CD.

CAUSE

The stability of earlier CCC (Car Communication Computer) software did not allow for proper MP3 functionality.

PROCEDURE

1. On a customer complaint basis only, retrofit MP3 functionality using Progman V20.00 or higher.
2. Refer to the [SI B09 05 01](#) Coding, Individualization, Programming (CIP), for the "Retrofit" procedure.
3. Select "MP3" from the retrofit list and follow the on screen instructions for retrofitting MP3 capability.
4. The service code "KMP3" will be added to the end of the vehicle order as displayed in the Measures Plan.
5. After the procedure is complete, turn the ignition off and wait 5 minutes or until the driver's switch block LED goes out. Check the functionality of the system.

WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle Limited Warranty.

Defect Code **65 83 94 23 00**

Labor Operation: Retrofit MP3 (programming/coding performed as part of a Technical Campaign)

Labor Operation	Labor Allowance
+00 56 743	4 FRU (E60, E61, E91)
	3 FRU (M5, E63, E64, E90)

Labor Operation: Retrofit MP3

Labor Operation	Labor Allowance
00 56 110	10 FRU (E60, E61, E91)
	9 FRU (M5, E63, E64, E90)
+00 56 744	8 FRU (E60, E61, E91)
	7 FRU (M5, E63, E64, E90)

Labor Operation: Retrofit MP3 and program/code control modules

Labor Operation

00 56 111

+00 56 745

Labor Allowance

16 FRU (E60, E61, E91)

15 FRU (M5, E63, E64, E90)

15 FRU (E60, E61, E91)

14 FRU (M5, E63, E64, E90)

Labor Operation: Retrofit MP3 and program/code control modules (including CAS)

Labor Operation

00 56 112

+00 56 746

Labor Allowance

17 FRU (E60, E61, E91)

16 FRU (M5, E63, E64, E90)

16 FRU (E60, E61, E91)

15 FRU (M5, E63, E64, E90)

Note: Should the vehicle be affected at the same time by another repair in which programming of control units is also required, programming may be claimed only once.

Note: The following explanations will spell out the correct use of the work times.

Main Work: Use this labor operation number when the only repair performed is the listed warranty repair.

OR

+Associated Work: Use this labor operation number when other repairs or services are performed along with the listed warranty repair. Under no circumstances should both labor operation numbers be claimed. Attempts to claim both times will result in an unnecessary delay in claim processing and payment.