



This Service Information bulletin supersedes SI B84 02 12 **dated May 2012**.

NEW designates changes to this revision

SUBJECT

CDMA Telematics Control Unit (TCU) Replacement Procedure

MODEL

All equipped with a CDMA TCU and BMW Assist (option 639) or Premium Package (ZPP)

Refer to the chart below to verify that a CDMA TCU is installed in the vehicle being repaired. Confirm the model and the production date.

INFORMATION

All CDMA (Code Division Multiple Access) replacement units from parts are deactivated and must be activated before handing over the vehicle to the customer. This is not related to the customer's BMW Assist account status being active. In order for BMW Assist to work properly, the replacement procedure outlined below must be carried out.

Engineering Designation	Model	Vehicle Production Date Range	TCU Type	BMW Assist Availability
E46	3 Series	From 9/03 to EOP	CDMA I/K-bus variant	Part of ZPP or SA639
E53	X5	From 10/03 to EOP	CDMA I/K-bus variant	Part of ZPP or SA639
E60, E61	5 Series	SOP to 3/08	CDMA	Standard
		3/08 to EOP	GSM	
E63, E64	6 Series	SOP to 3/08	CDMA	Standard
		3/08 to EOP	GSM	
E65, E66	7 Series	1/03 to EOP	CDMA	Standard
E70	X5	SOP to 4/08	CDMA	Part of ZPP or SA639
		From 4/08	GSM	
E71	X6	SOP to 4/08	CDMA	Part of ZPP or SA639
		From 4/08	GSM	
E82, E88	1 Series	SOP to 3/08	CDMA	Part of ZPP or SA639
		From 3/08	GSM	
E83	X3	From 9/03 to EOP	CDMA I/K-bus variant	Part of ZPP or SA639
E85	Z4	From 10/03 to EOP	CDMA I/K-bus variant	Part of ZPP or SA639
E89	Z4	From SOP	GSM	Part of ZPP or SA639
E90, E91, E92, E93	3 Series	SOP to 3/08	CDMA	Part of ZPP or SA639
		From 3/08	GSM	
F01, F02	7 Series	From SOP	GSM	Standard
F07	5 Series Gran Turismo	From SOP	GSM	Part of ZPP or SA639

ZPP = Premium Package
SA 639 = BMW Assist

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PROCEDURE

1. **NEW** Verify the account status by calling 1-888-333-6118, option 4.
 - If the account is still active, proceed to step 2.
 - If the account has expired, contact the customer and advise him/her of his/her Assist account status. If he/she would like to reenroll in BMW Assist Services, a new ESA agreement must be completed. Also, refer to [SI B84 22 05](#) to reactivate the TCU.
2. **NEW** Prior to the technician receiving the replacement CDMA TCU, he must verify the following:
 - The Parts Manager has already activated the replacement CDMA TCU via DCSnet as per [SI B84 03 11](#).
 - The new MIN (Mobile Identification Number) and MDN (Mobile Directory Number) are provided to him by the Parts Manager.

Note: After entering the ESN number, it may take approximately 30 minutes for the new MIN and MDN numbers to be displayed in DCSnet.
3. **NEW** Instal, program, and code the replacement TCU using ISTA/P. 1
4. **NEW** The new MIN and MDN numbers must be written into the TCU as follows:
 - Select “Activities / Service function / Body / Telecommunications / TCU Telematics control unit / Re-enabling BMW Assist / Start Search.”
 - Perform test plan “S8400_00016 – Re-enabling BMW Assist TCU 1.5 Most” to write the new MIN and MDN numbers into the replacement TCU.
5. Refer to [SI B84 15 03](#) to perform the “Initialization of the BMW Assist Services.”
6. Perform a test call using the SOS button to verify the system is functioning correctly. Verify that Assist receives both the voice and data transmission.

WARRANTY INFORMATION

Not applicable

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