



SUBJECT

Procedures to Enter the Radio Service Mode

MODEL

All vehicles produced after 09/2001

Refer to [SI B65 05 99](#) for information on how to enter the Service Mode on vehicles built prior to 09/2001.

PROCEDURES

E39 (5 Series) without Navigation system

E46 (3 Series) without Navigation system

E53 (X5) without Navigation system

E83 (X3) without Navigation system

E85 (Z4) without Navigation system

C53/CD53 (with or without MID)

1. Turn the radio on.
2. Within 8 seconds, press and hold the 'M' button for 8 seconds.
3. Scroll through functions using the '+' and '-' keys or the "<>" buttons.
4. Turn the radio off to leave the service mode.

E39 (5 Series) with Navigation system

E46 (3 Series) with Navigation system

E53 (X5) with Navigation system

E38 (7 series) with Navigation system

BM53 with small screen Board Monitor

1. Turn the radio on.
2. Press and hold the "RDS" button for at least 8 seconds.
3. Scroll through the functions using the "<>" buttons.
4. Turn the radio off to leave the service mode.

E39 (5 Series) with Navigation system

E46 (3 Series) with Navigation system

E53 (X5) with Navigation system

E38 (7 series) with Navigation system

BM53 with Widescreen Monitor PRIOR to 9/01

1. Turn the radio on.
2. Within 8 seconds, press the 'INFO' button.
3. From the Info screen, select RDS (choose PTY on E38).
4. Press and hold the BM control knob (right side knob) for at least 8 seconds.
5. Scroll through functions using the station search buttons "<>".
6. Turn the radio off to leave the service mode.

E39 (5 Series) with Navigation system

E46 (3 Series) with Navigation system

E53 (X5) with Navigation system

BM53 with Widescreen Monitor AFTER 9/01

1. Turn the radio on.
2. Immediately press and hold the 'Select' button for at least 8 seconds. The screen will switch to Service Mode.
3. The screen will now show the serial number of the radio.
4. Use the "<>" buttons to select the desired service function.
5. Selections for the desired service function can be made by using the radio station preset buttons #1-6.
6. Turn the radio off to leave the service mode.

NOTE:

When selecting the country AREA, push the station preset #1 repeatedly until AREA USA is shown on the screen.

When selecting the GAL level, use station presets #1-6 to select level.

To turn off/on the RDS function on this radio, push the 'INFO' button and select RDS off/on.

E52 (Z8) with Navigation system

C53 MIR radio

NOTE: After replacing the MIR on an E52, the replacement radio does not require coding. When the radio is first switched on, it automatically enters an initial Service Mode ('No Area' is displayed). Repeatedly press the 'I' button until US Area is reached and turn the radio off. The normal Service mode can't be entered until this is performed.

1. To access service mode normally first turn the radio on.
2. Turn the radio off.
3. Turn the radio on.
4. Press and hold the 'SEL' key for 8 seconds until the service mode is entered.
5. Use the "<>" buttons to scroll until you see area.
6. Use the preset buttons #1-6 to change the area.
7. Turn off the radio to end the service mode.

E83 (X3) with Navigation system

E85 (Z4) with Navigation system

CID radio

1. Turn the radio on.
2. Press the 'SEL' button immediately and hold for at least 8 seconds.
3. Scroll through functions using the '+' and '-' keys or the station search buttons "<>".
4. Switch off the radio to exit the service mode.

E65 (7 series) with Navigation system

MOST bus radio

1. The iDrive controller is used to access the service mode.
2. RDS on/off is accessed via this menu.
3. From the main menu display, press the controller down for minimum 6 seconds.
4. Turn the controller 3 increments clockwise (to the right).
5. Turn the controller 3 increments counter-clockwise (to the left).
6. Turn controller 1 increment clockwise (right).
7. Turn controller 1 increment counter-clockwise (left).
8. Turn controller 1 increment clockwise (right).
9. Push down on the controller.
10. To exit the service mode, select the return arrow at the bottom on the left of the screen.

SERVICE MODE FUNCTIONS

NOTE: Functions vary between models.

Serial Number: Displays the radio serial number.

Software Version: Displays the radio software version (Calendar week/Year/Version).

GAL: Speed sensitive volume control.

The speed sensitive volume control can be adjusted from level 1-6 using the 6 preset audio buttons. Radio volume increases more at level 6 and less at level 1 (road speed dependent).

Vehicles equipped with DSP do not use this feature.

Field Strength & Quality (F/Q): The station currently displayed can be assessed for field strength and quality.

An 'F' number (i.e. 1-15) is used to indicate the strength of the signal being received by the radio. A high 'F' number indicates a strong signal.

A 'Q' number (i.e. 1-15) is used to determine the quality of the radio station broadcast including both the audio and RDS signal if applicable.

DSP: Digital Sound Processor

This function provides information about whether or not the vehicle is fitted with DSP. (1=Yes, 0=NO)

TP Volume: Traffic Patrol

Provides adjustment for traffic report minimum value. On some vehicles this setting can affect the NAV volume.

Refer to Service Bulletin [B84 02 03](#).

AF: Alternative frequency tracking setting. Not used in US.

Area: Used to select the appropriate market setting (USA, Canada, Europe, Japan or Oceania).

Index: Displays the revision index.