



SUBJECT

Audio System Speaker Testing

MODEL

E60 (5 Series Sedan)

E61 (5 Series Sports Wagon)

E63 (6 Series Coupe)

E64 (6 Series Convertible)

E65 (7 Series Sedan)

E70 (X5)

E71 (X6)

E72 (X6 ActiveHybrid)

E82 (1 Series Coupe)

E83 (X3)

E84 (X1)

E88 (1 Series Convertible)

E89 (Z4)

E90 (3 Series Sedan)

E91 (3 Series Sports Wagon)

E92 (3 Series Coupe)

E93 (3 Series Convertible)

F01 (7 Series Sedan)

F02 (7 Series Sedan LWB)

F04 (ActiveHybrid 7)

F06 (6 Series Gran Coupe)

F07 (5 Series Gran Turismo)

F10 (5 Series Sedan)

F10H (ActiveHybrid 5)

F12 (6 Series Convertible)

F13 (6 Series Coupe)

F15 (X5)

F16 (X6)

F22 (2 Series Coupe)

F23 (2 Series Convertible)

F25 (X3)

F26 (X4)

F30 (3 Series Sedan)

F30H (ActiveHybrid 3)

F31 (3 Series Sports Wagon)

F32 (4 Series Coupe)

F33 (4 Series Convertible)

F34 (3 Series Gran Turismo)

F36 (4 Series Gran Coupe)

F48 (X1)

F80 (M3 Sedan)

F82 (M4 Coupe)

F83 (M4 Convertible)

G12 (7 Series)

I01 (i3)

I08 (i8)

SITUATION

For audio system speaker testing there is a NED (Non Electrical Diagnosis) Test Plan available.

CAUSE

We previously recommended use of the Audio Test CD (ATC) from BMW. This CD has been discontinued.

PROCEDURE

As an alternative to the ATC disc there is a test plan in NED that will output audio signals via the head unit for speaker testing.

You can navigate to this test plan via the path:

- FUNCTION STRUCTURE
- Non-electric diagnosis – NED
- 03 Body
- 01 Noise
- Speakers interference noise
- Audio output fault patterns

This brings up test plan ABL-DIT-AT6512_SYSAMP – Checking sound output and audio amplifier

The test plan provides a few ways of testing audio output including directing a tone to an individual speaker for 3 seconds. At the same time, the Test Plan notifies you which speaker is being tested.

For testing of the CD drive in the head unit we recommend use of an aftermarket audio test CD.

WARRANTY INFORMATION

Not applicable.

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