

**SUBJECT****N62TU: ISTA Service Function for DME "RAM Backup"****MODEL**

E60 (5 Series Sedan)

E63 (6 Series Coupe)

E64 (6 Series Convertible)

E65 (7 Series Sedan)

E66 (7 Series Sedan LWB)

E70 (X5)

With the N62TU engine

SITUATION

The ISTA Service Function test plan should be performed to clear stored values in the DME RAM memory after repairs are completed, in the following situations:

- VANOS or engine-related repairs if any of the following faults cannot be cleared:
 - 2A90 - Exhaust camshaft, tooth offset to crankshaft
 - 2A91 - Exhaust camshaft 2, tooth offset to crankshaft
 - 2A8A - Inlet VANOS, adaptation stop
 - 2A8B – Inlet VANOS, adaptation stop 2
 - 2A8C - Exhaust VANOS, adaptation stop
 - 2A8D – Exhaust VANOS, adaptation stop 2
 - 2A8E - Inlet camshaft, tooth offset to crankshaft
 - 2A8F – Inlet camshaft 2, tooth offset to crankshaft
- The engine oil level display continues to show as overfilled even after being corrected. This is also described in [SI B12 05 07](#).

PROCEDURE

This test plan can be found in ISTA, using the following path:

Service Functions**05 Maintenance and Pre-Delivery Check / CBS reset / CBS functionality, engine oil, disturbed**

After completing the test plan activation, turn the ignition OFF for at least one minute, and then back ON again.

Clear the DME fault memory and test drive vehicle to verify effectiveness of the repairs.

WARRANTY INFORMATION

Not applicable.

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