



This Service Information bulletin supersedes SI B07 03 10 **dated September 2011.**

NEW designates changes to this revision

SUBJECT

Non-electric Diagnosis

MODEL

NEW All

NEW SITUATION

Since 2007, the BMW Group has integrated NED (Non-electric Diagnosis) into diagnosis for the purpose of finding the cause of mechanical, acoustic and visual problems.

The advantages of using NED test modules are as follows:

- Most common known mechanical, acoustic and visual issues can be diagnosed by the technician, saving diagnosis time.
- Video and sound files provide a reference when troubleshooting certain issues.
- By providing guided troubleshooting for these types of problems, it ensures that the customer's vehicle will get fixed the first time.
- Some of the test plans do not require vehicle communication (frees up an ICOM).

All test modules can be executed via ISTA (Integrated Service Technical Application). Many NED test modules can now be performed with no car communication (NCC displayed in the test module list). With each subsequent ISTA version, additional NED test modules will be added. For a listing of all the applicable NED test modules, refer to ISTA News "New Content, Non Electric Diagnosis," which can be accessed from the ISTA start page. This document will be updated with each ISTA release.

NEW PROCEDURE

1. To access NED test modules that do not require a vehicle test, select "Identification – VIN" and enter the last seven digits of the Vehicle Identification Number.
2. To access NED test modules that require a vehicle test, select "Read Out Vehicle Data."
3. Select "*Information search / Vehicle management / Troubleshooting / Function Structure.*"
4. Select "*05 Non-electrical diagnosis – NED.*"
5. Select one of the following menu selections and "Start search."

01 Drive

02 Chassis and suspension

03 Body

10 Types of fault

20 Further impairments

6. All the applicable test plans will be displayed. Test plans that are grayed out and not selectable require a vehicle test in order to be completed.
7. Always complete the test module to the end.
8. A diagnosis report is created and transferred via FASTA after the diagnosis session is closed.

NEW WARRANTY INFORMATION

Not applicable.

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