

Non-electrical diagnosis test modules: Important note on non-electrical diagnosis NED

Starting from **ISTA version 4.18**, the **NED test modules in ISTA** and **NED documents in AIR** are no longer available.

Individual scopes of NED are included in ISTA in der **electrical diagnosis** starting from version 4.18 (under "Current fault patterns") and in **PuMA/SIB**.

Going forward, new topics shall be published only via PuMA/SIB.

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AM1101_00112 - Engine, noise

Brief description of the test module for non-electrical diagnosis:

Engine noise

Applies to:

E81, E82, E83, E85, E86, E87, E88, E90, E91, E92, E93, F20, F21, F22, F30, F31, F32, F33, F34, F35

Engine: N51, N52, N53, N54, N55

Content (excerpt):

- Rattling noise in the area of the valve gear
- Squeaking noise after switching on electric consumers
- Hissing noise when pressing the brake pedal after shutting down the engine
- Humming noise / droning noise from around the exhaust system
- Rattling noise from the area of the intake system
- Clicking sound after the engine stop
- Clattering noise from engine compartment after the wake up of the Digital Motor Electronics

Vehicle communication: Yes

ISTA path:

Activities / Information search / NED / 01 Drivetrain / 01 Noise / Engine noise

Important note:

The fault patterns in the test module depend to some extent on the production period, optional equipment, motorisation and other features. It is therefore possible that not all content or different content to that described above may be displayed for different vehicles.



AM1101_00597 - Engine, noise

Brief description of the test module for non-electrical diagnosis:

Engine noise

Applies to:

Engine: N55, N56

Content (excerpt):

- Clicking noise for approx. 10 s after cold start
- Increased exhaust noise after the cold start
- Rattling noise from the valve gear
- Squeaking noise after switching on electrical devices
- Hissing noise when pressing the brake pedal after shutting down the engine
- Whistling at idle speed
- Whirring / rattling from the area of the coolant line from 2000 rpm
- Clicking sound after the engine stop
- Clattering noise from engine compartment after the wake up of the Digital Motor Electronics

Vehicle communication: Yes

ISTA path:

Activities / Information search / Non-electrical diagnosis / 01 drive / 01 noise / engine noise

Important note:

The fault patterns in the test module depend to some extent on the production period, optional equipment, motorisation and other features. It is therefore possible that not all content or different content to that described above may be displayed for different vehicles.



AM1101_00598 - Engine, noise

Brief description of the test module for non-electrical diagnosis:

Engine noise

Applies to:

Engine: N55, N56

Content (excerpt):

- Clicking noise for approx. 10 s after cold start
- Increased exhaust noise after the cold start
- Rattling noise from the valve gear
- Squeaking noise from the belt drive
- Squeaking noise after switching on electrical devices
- Hissing noise when pressing the brake pedal after shutting down the engine
- Whistling at idle speed
- Whirring / rattling from the area of the coolant line from 2000 rpm
- Clicking sound after the engine stop
- Clattering noise from engine compartment after the wake up of the Digital Motor Electronics

Vehicle communication: Yes

ISTA path:

Activities / Information search / Non-electrical diagnosis / 01 drive / 01 noise / engine noise

Important note:

The fault patterns in the test module depend to some extent on the production period, optional equipment, motorisation and other features. It is therefore possible that not all content or different content to that described above may be displayed for different vehicles.



AM1102_00243 - Engine malfunction

Brief description of the test module for non-electrical diagnosis:

Engine malfunction

Applies to:

E82, E88, E90, E91, E92, E93, F20, F21, F30, F31, F35

Engine: N52, N55

with automatic transmission

Content (excerpt):

- Malfunction during engine start

Vehicle communication: No

ISTA path:

Activities / Information search / NED / 01 Drivetrain / 02 Malfunction / Engine malfunction

Important note:

The fault patterns in the test module depend to some extent on the production period, optional equipment, motorisation and other features. It is therefore possible that not all content or different content to that described above may be displayed for different vehicles.

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AM1104_00192 - Operating fluids leak from engine

Brief description of the test module for non-electrical diagnosis:

Engine operating fluid leak

Applies to:

E60, E61, E70, E71, E82, E88, E89, E90, E91, E92, E93, F01, F02, F06, F07, F10, F11, F12, F13, F18, F22, F25, F30, F31, F33, F34

Engine: N51, N52, N53, N54, N55

Content (excerpt):

- Leakage in the area of the cylinder head cover
- Leakage in the area of the Valvetronic actuator motor
- Leakage in the area of the oil filter housing (plastic)

Vehicle communication: No

ISTA path:

Activities / Information search / NED / 01 Drivetrain / 04 Operating fluids leakage / Engine operating fluids leakage

Important note:

The fault patterns in the test module depend to some extent on the production period, optional equipment, motorisation and other features. It is therefore possible that not all content or different content to that described above may be displayed for different vehicles.



AM2301_00285 - Manual gearbox noise

Brief description of the test module for non-electrical diagnosis:

Manual gearbox noise

Applies to:

BMW, MINI

Content (excerpt):

- Noise on engagement
- Creaking noise when operating the clutch pedal
- Noises when starting the engine
- Vibrations in the clutch pedal
- Noise when the engine is being switched off
- Whining when selecting lower gear

Vehicle communication: Yes

ISTA path:

Activities / Information search / NED / 01 Drivetrain / 01 Noise / Manual gearbox noise

Important note:

The fault patterns in the test module depend to some extent on the production period, optional equipment, motorisation and other features. It is therefore possible that not all content or different content to that described above may be displayed for different vehicles.



AM3101_00547 - Front end noise

Brief description of the test module for non-electrical diagnosis:

Front end noise

Applies to:

F20, F21, F22, F23, F30, F31, F32, F33, F34, F35, F36

Content (excerpt):

- Noises when driving on a rough road surface
- Noises when driving on a level roadway
- Noise when steering
- Noise when cornering
- Noise when parking, manoeuvring, reversing
- Noises from the area of steering gear

Vehicle communication: No

ISTA path:

Activities / Information search / NED / 02 Chassis / 01 Noise / Front-end noise

Important note:

The fault patterns in the test module depend to some extent on the production period, optional equipment, motorisation and other features. It is therefore possible that not all content or different content to that described above may be displayed for different vehicles.



AM3202_00241 - Steering malfunction - steering wheel vibration, vibration

Brief description of the test module for non-electrical diagnosis:

Steering malfunction – steering wheel vibration, vibration

Applies to:

E89, F01, F02, F03, F04, F06, F07, F10, F11, F12, F13, F15, F16, F18, F20, F21, F22, F23, F25, F26, F30, F31, F32, F33, F34, F35, F36, G01, G02, G05, G07, G08, G11, G12, G30, G31, G32

Market: All (except USA)

Content (excerpt):

- Oscillations and vibrations in the area of the steering wheel

Vehicle communication: No

ISTA path:

Activities / Information search / NED / 02 Chassis / 02 Malfunction / Steering malfunction - steering wheel shake, vibration

Important note:

The fault patterns in the test module depend to some extent on the production period, optional equipment, motorisation and other features. It is therefore possible that not all content or different content to that described above may be displayed for different vehicles.



AM3202_00548 - Steering malfunction - steering wheel vibration, vibration

Brief description of the test module for non-electrical diagnosis:

Steering malfunction – steering wheel vibration, vibration

Applies to:

E89, F01, F02, F03, F04, F06, F07, F10, F11, F12, F13, F15, F16, F18, F20, F21, F22, F23, F25, F26, F30, F31, F32, F33, F34, F35, F36, G01, G02, G05, G07, G08, G11, G12, G30, G31, G32

Market: (only USA)

Content (excerpt):

- Oscillations and vibrations in the area of the steering wheel
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Vehicle communication: No

ISTA path:

Activities / Information search / NED / 02 Chassis / 02 Malfunction / Steering malfunction - steering wheel shake, vibration

Important note:

The fault patterns in the test module depend to some extent on the production period, optional equipment, motorisation and other features. It is therefore possible that not all content or different content to that described above may be displayed for different vehicles.



AM3301_90574 - Rear axle differential noise

Brief description of the test module for non-electrical diagnosis:

Noise from rear axle differential

Applies to:

BMW, RR

Content (excerpt):

- Metallic clacking noise when driving off
- Knocking noise during load reversal
- Groaning noise in the 1st gear, 2nd gear and reverse gear
- Permanent grinding noise
- Howling noise from 160 km/h when loaded

Vehicle communication: Yes

ISTA path:

Activities / Information search / Non-electrical diagnosis / 01 drive / 01 noise / rear axle differential noise

Important note:

The fault patterns in the test module depend to some extent on the production period, optional equipment, motorisation and other features. It is therefore possible that not all content or different content to that described above may be displayed for different vehicles.



AM3302_00416 - Trailer tow hitch malfunction

Brief description of the test module for non-electrical diagnosis:

Trailer tow hitch malfunction

Applies to:

F01, F02, F07, F10, F11, F25, F26, F30, F31, F32, F33, F34, F36, G01, G02, G11, G12, G30, G31, G32

Content (excerpt):

- Jerky procedure of the trailer tow hitch
- Slow movement of the trailer tow hitch
- Trailer tow hitch reverses

Vehicle communication: No

ISTA path:

Activities / Information search / NED / 02 Chassis / 02 Malfunction / Trailer coupling malfunction

Important note:

The fault patterns in the test module depend to some extent on the production period, optional equipment, motorisation and other features. It is therefore possible that not all content or different content to that described above may be displayed for different vehicles.

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AM3304_00149 - Rear axle differential leaks vehicle fluid

Brief description of the test module for non-electrical diagnosis:

Rear axle differential leaking operating fluids

Applies to:

E84, F01, F02, F03, F04, F06, F07, F10, F11, F12, F13, F15, F16, F18, F20, F21, F22, F23, F25, F26, F30, F31, F32, F33, F34, F35, F36, F39, F80, F82, F83, F87, F90, F91, G01, G02, G08, G11, G12, G30, G31, G32, G38, RR1, RR2, RR3, RR4, RR5, RR6, RR11, RR12

Content (excerpt):

- Various leaks in the rear axle differential

Vehicle communication: No

ISTA path:

Activities / Information search / Non-electrical diagnosis / 01 drive / 04 vehicle fluid leaks / rear axle differential leaks vehicle fluids

Important note:

The fault patterns in the test module depend to some extent on the production period, optional equipment, motorisation and other features. It is therefore possible that not all content or different content to that described above may be displayed for different vehicles.



AM3401_00328 - Brake noise

Brief description of the test module for non-electrical diagnosis:

Brakes, noise

Applies to:

E70, E71, E72, E81, E82, E84, E87, E88, E89, E90, E91, E92, E93, F01, F02, F03, F04, F06, F07, F10, F11, F12, F13, F15, F16, F18, F20, F21, F22, F23, F25, F26, F30, F31, F32, F33, F34, F35, F36, F39, F45, F46, F48, F49, F52

Content (excerpt):

- Squeaking noise in the area of the brakes
- Rattling noise in the area of the brakes
- Ticktock noise in the area of the brakes
- Groaning noise in the area of the brakes
- Groaning noise in the area of the brakes

Vehicle communication: No

ISTA path:

Activities / Information search / NED / 02 Chassis / 01 Noise / Brake noise

Important note:

The fault patterns in the test module depend to some extent on the production period, optional equipment, motorisation and other features. It is therefore possible that not all content or different content to that described above may be displayed for different vehicles.



AM3402_00234 - Brake malfunction

Brief description of the test module for non-electrical diagnosis:

Brake malfunction

Applies to:

F06, F10, F11, F12, F13, F18, F20, F21, F22, F23, F30, F31, F32, F33, F34, F35, F36

Content (excerpt):

- Brake pedal stiff
- Vibration when braking
- One-sided brake pad wear
- Directional stability compromised

Vehicle communication: No

ISTA path:

Activities / Information search / NED / 02 Chassis / 02 Malfunction / Brake malfunction

Important note:

The fault patterns in the test module depend to some extent on the production period, optional equipment, motorisation and other features. It is therefore possible that not all content or different content to that described above may be displayed for different vehicles.



AM3405_00455 - Brakes, optical complaint

Brief description of the test module for non-electrical diagnosis:

Braking, optical complaint

Applies to:

E70, E71, E72, E81, E82, E84, E87, E88, E89, E90, E91, E92, E93, F01, F02, F03, F04, F06, F07, F10, F11, F12, F13, F15, F16, F18, F20, F21, F22, F23, F25, F26, F30, F31, F32, F33, F34, F35, F36, F45, F46, F48, F49, F52, G01, G02, G05, G08, G11, G12, G30, G31, G32, G38

Content (excerpt):

- Discolouration on the friction ring
- Corroded friction ring
- Scoring on the friction ring

Vehicle communication: No

ISTA path:

Activities / Information search / NED / 02 Chassis / 05 Optical complaint / Brakes optical complaint

Important note:

The fault patterns in the test module depend to some extent on the production period, optional equipment, motorisation and other features. It is therefore possible that not all content or different content to that described above may be displayed for different vehicles.



AM5001_00169 - Body, wind noise

Brief description of the test module for non-electrical diagnosis:

Body wind noise

Applies to:

F30, F31, F33, F35

Content (excerpt):

- Humming noise in the area of the front end
- Whirring noise from the area of the underbody

Vehicle communication: No

ISTA path:

Activities / Information search / NED / 03 Body / 01 Noise / Body wind noise

Important note:

The fault patterns in the test module depend to some extent on the production period, optional equipment, motorisation and other features. It is therefore possible that not all content or different content to that described above may be displayed for different vehicles.

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AM5101_00095 - Instrument panel, noise

Brief description of the test module for non-electrical diagnosis:

Instrument panel noise

Applies to:

F30 ,F31 ,F32 ,F33 ,F34 ,F35 ,F36 ,F80 ,F82 ,F83

Content (excerpt):

- Noises in the area of the centre / top instrument panel
- Noises in the area of the driver's side / passenger's side
- Noises in the area of the centre console
- Noises in the area of the interior mirror

Vehicle communication: Yes

ISTA path:

Activities / Information search / NED / 03 Body / 01 Noise / Instrument panel noise

Important note:

The fault patterns in the test module depend to some extent on the production period, optional equipment, motorisation and other features. It is therefore possible that not all content or different content to that described above may be displayed for different vehicles.



AM5101_00143 - Rear area, noise

Brief description of the test module for non-electrical diagnosis:

Noise from rear area

Applies to:

F30, F32, F35, F80, F82

Content (excerpt):

- Noises when operating the tailgate
- Rattling noise from the area of the tailgate / tailgate lock
- Noise from luggage compartment

Vehicle communication: Yes

ISTA path:

Activities / Information search / NED / 03 Body / 01 Noise / Rear area Noise

Important note:

The fault patterns in the test module depend to some extent on the production period, optional equipment, motorisation and other features. It is therefore possible that not all content or different content to that described above may be displayed for different vehicles.

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AM5101_00283 - Door noise

Brief description of the test module for non-electrical diagnosis:

Noise of doors

Applies to:

F30, F31, F35, F80

Content (excerpt):

- Noises when opening/closing the doors
- Noises in the area of the doors while driving
- Noises when opening / closing the side window
- Noises when listening to music

Vehicle communication: Yes

ISTA path:

Activities / Information search / NED / 03 Body / 01 Noise / Door noise

Important note:

The fault patterns in the test module depend to some extent on the production period, optional equipment, motorisation and other features. It is therefore possible that not all content or different content to that described above may be displayed for different vehicles.



AM5102_00035 - Door lock malfunction

Brief description of the test module for non-electrical diagnosis:

Door lock malfunction

Applies to:

E60, E61, E63, E64, E70, E71, E72, E81, E82, E83, E84, E87, E88, E89, E90, E91, E92, E93, F01, F02, F03, F04, F07, F10, F11, F12, F13, F18, F20, F25, F30, F31, F32, F33, F34, F35, F36, R60

Content (excerpt):

- Problems when opening / closing the door
- Problems when locking / unlocking
- CC message "Door open" when the door is closed
- Outside door handle malfunction

Vehicle communication: Yes

ISTA path:

Actions / Information search / Non-electrical diagnosis / 03 body / 02 Malfunction / door lock malfunction

Important note:

The fault patterns in the test module depend to some extent on the production period, optional equipment, motorisation and other features. It is therefore possible that not all content or different content to that described above may be displayed for different vehicles.



AM5102_00052 - Exterior mirror malfunction

Brief description of the test module for non-electrical diagnosis:

Exterior mirror malfunction

Applies to:

F20, F30

Content (excerpt):

- Exterior mirror judder

Vehicle communication: No

ISTA path:

Activities / Information search / NED / 03 Body / 02 Malfunction / Wing mirror malfunction

Important note:

The fault patterns in the test module depend to some extent on the production period, optional equipment, motorisation and other features. It is therefore possible that not all content or different content to that described above may be displayed for different vehicles.

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AM5102_00159 - Glove compartment malfunction

Brief description of the test module for non-electrical diagnosis:

Glove box malfunction

Applies to:

F20, F21, F30, F31, F35

Content (excerpt):

- Glove box lid opens with difficulty

Vehicle communication: No

ISTA path:

Activities / Information search / NED / 03 Body / 02 Malfunction / Storage compartment malfunction

Important note:

The fault patterns in the test module depend to some extent on the production period, optional equipment, motorisation and other features. It is therefore possible that not all content or different content to that described above may be displayed for different vehicles.

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AM5102_00413 - Tailgate malfunction

Brief description of the test module for non-electrical diagnosis:

Tailgate malfunction

Applies to:

E84, F01, F02, F04, F06, F07, F10, F11, F12, F13, F15, F16, F18, F20, F21, F22, F25, F26, F30, F31, F32, F34, F35, F36, F39, F45, F46, F48, F49, F52, F80, F82, F85, F86, F87, F90, G01, G02, G11, G12, G30, G31, G32, G38, I01, I12

Content (excerpt):

- CC-Message "Tailgate open"
- Tailgate does not open smoothly (possibly loud bang when opening)
- Contactless tailgate opening (smart-opener) inoperative
- Tailgate opens independently
- Significant effort required to close the tailgate (no automatic tailgate operation)

Vehicle communication: Yes

ISTA path:

Actions / Information search / Non-electrical diagnosis / 03 body / 02 Malfunction / tailgate malfunction

Important note:

The fault patterns in the test module depend to some extent on the production period, optional equipment, motorisation and other features. It is therefore possible that not all content or different content to that described above may be displayed for different vehicles.



AM5103_00306 - Rear area water ingress

Brief description of the test module for non-electrical diagnosis:

Rear area water ingress

Applies to:

F30, F31, F32, F35

Content (excerpt):

- Water ingress in luggage compartment
- Water ingress in the area of the rear seat bench

Vehicle communication: No

ISTA path:

Activities / Information search / NED / 03 Body / 03 Water ingress / Rear area water ingress

Important note:

The fault patterns in the test module depend to some extent on the production period, optional equipment, motorisation and other features. It is therefore possible that not all content or different content to that described above may be displayed for different vehicles.

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AM5105_00183 - HUD, optical complaint

Brief description of the test module for non-electrical diagnosis:

Head-Up Display (HUD), optical complaint

Applies to:

F30, F31, F32, F33, F34, F35, F36, F48

Content (excerpt):

- Blurry image / Double image
- The schematic diagram is jittering
- Light reflection in the windshield in the Head-Up Display area

Vehicle communication: Yes

ISTA path:

Activities / Information search / NED / 03 Body / 05 Optical complaint / HUD optical complaint

Important note:

The fault patterns in the test module depend to some extent on the production period, optional equipment, motorisation and other features. It is therefore possible that not all content or different content to that described above may be displayed for different vehicles.



AM5201_00086 - Seat noise

Brief description of the test module for non-electrical diagnosis:

Seat noise

Applies to:

F20 ,F21 ,F22 ,F23 ,F30 ,F31 ,F32 ,F34 ,F35 ,F36

Content (excerpt):

- Noise while adjusting the front seats
- Noises when the backrest is loaded

Vehicle communication: Yes

ISTA path:

Activities / Information search / NED / 03 Body / 01 Noise / Seat noise

Important note:

The fault patterns in the test module depend to some extent on the production period, optional equipment, motorisation and other features. It is therefore possible that not all content or different content to that described above may be displayed for different vehicles.

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AM5205_00034 - Leather, optical complaint

Brief description of the test module for non-electrical diagnosis:

Complaint regarding the visual appearance of the leather

Applies to:

BMW, BMWi

Market: All (except Germany)

Content (excerpt):

- Wrinkled leather upholstery
- Leather upholstery creasing
- Leather upholstery, major wear
- Leather upholstery crack

Vehicle communication: No

ISTA path:

Activities / Information search / NED / 03 Body / 05 Optical complaints / Optical complaint regarding leather front seats

Important note:

The fault patterns in the test module depend to some extent on the production period, optional equipment, motorisation and other features. It is therefore possible that not all content or different content to that described above may be displayed for different vehicles.



AM5205_00469 - Leather, optical complaint

Brief description of the test module for non-electrical diagnosis:

Complaint regarding the visual appearance of the leather

Applies to:

BMW, BMWi

Market: Germany

Content (excerpt):

- Wrinkled leather upholstery
- Leather upholstery creasing
- Leather upholstery, major wear
- Leather upholstery crack

Vehicle communication: No

ISTA path:

Activities / Information search / NED / 03 Body / 05 Optical complaints / Optical complaint regarding front seats

Important note:

The fault patterns in the test module depend to some extent on the production period, optional equipment, motorisation and other features. It is therefore possible that not all content or different content to that described above may be displayed for different vehicles.



AM5401_00087 - Slide/tilt sunroof noise

Brief description of the test module for non-electrical diagnosis:

Slide/tilt sunroof, disturbing noise

Applies to:

F20 ,F21 ,F22 ,F26 ,F30 ,F32 ,F35 ,F36 ,F80 ,F82

Content (excerpt):

- Wind noise from slide/tilt sunroof
- Interference noise when opening / closing the sliding/tilting sunroof
- Groaning noise / grinding noise from the area above the driver's door / front passenger door
- Squeaking noise when the glass slide/tilt sunroof panel is moved to its vent position
- Rattling noise in the area of the interior roof light / B-pillar

Vehicle communication: No

ISTA path:

Activities / Information search / NED / 03 Body / 01 Noise / Sliding/tilting sunroof noise

Important note:

The fault patterns in the test module depend to some extent on the production period, optional equipment, motorisation and other features. It is therefore possible that not all content or different content to that described above may be displayed for different vehicles.



AM5401_00240 - Noise from roof

Brief description of the test module for non-electrical diagnosis:

Roof noise

Applies to:

F30, F31, F32, F34, F35, F36, F80, F82

Content (excerpt):

- Whirring / scraping / groaning noise in the headliner area at the side (above the doors)
- Groaning noise in the headliner area on the side (between the grab handle and the centre of the headliner)
- Rattling noise in the area of the rear grab handle

Vehicle communication: No

ISTA path:

Activities / Information search / NED / 03 Body / 01 Noise / Roof noise

Important note:

The fault patterns in the test module depend to some extent on the production period, optional equipment, motorisation and other features. It is therefore possible that not all content or different content to that described above may be displayed for different vehicles.



AM5403_00088 - Slide/tilt sunroof, water ingress

Brief description of the test module for non-electrical diagnosis:

Slide/Tilt sunroof (SHD), water ingress

Applies to:

F20, F21, F22, F26, F30, F32, F35, F36, F80, F82, F87

Content (excerpt):

- Water ingress in the area of the glass slide/tilt roof panel
- Moisture/mildew in area of headliner

Vehicle communication: No

ISTA path:

Activities / Information search / NED / 03 Body / 03 Water ingress / Sliding/tilting sunroof water ingress

Important note:

The fault patterns in the test module depend to some extent on the production period, optional equipment, motorisation and other features. It is therefore possible that not all content or different content to that described above may be displayed for different vehicles.

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AM6303_90577 - Headlight fogging

Brief description of the test module for non-electrical diagnosis:

Headlight fogging

Applies to:

All BMWs and Mini
without F25

Content (excerpt):

- Headlight misted over
- Reflection of light source on the headlight lens

Vehicle communication: No

ISTA path:

Activities / Information search / Function structure / 05 Non-electrical diagnosis - NED / 03 Body / 05 Optical complaint / Front light combination, optical complaint

Important information:

The fault patterns in the test module depend to some extent on the production period, optional equipment, motorisation and other features. It is therefore possible that not all content or different content to that described above may be displayed for different vehicles.



AM6401_00102 - Heating and air conditioning system noise

Brief description of the test module for non-electrical diagnosis:

Noise in the Integrated automatic heating/air conditioning system (IHKA)

Applies to:

F20, F21, F22, F23, F30, F31, F32, F33, F34, F35, F36, F80, F82, F83, F87

Content (excerpt):

- Noise when the fan is running
- Noise when changing the settings (e.g. air distribution, fan setting)
- Noise when the engine is running, with and without air conditioning operation

Vehicle communication: Yes

ISTA path:

Activities / Information search / NED / 03 Body / 01 Noise / Heating and air-conditioning system interference noise

Important note:

The fault patterns in the test module depend to some extent on the production period, optional equipment, motorisation and other features. It is therefore possible that not all content or different content to that described above may be displayed for different vehicles.

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AM6402_00591 - Air conditioning malfunction

Brief description of the test module for non-electrical diagnosis:

Air conditioning, malfunction

Applies to:

E70, E71, E72, E81, E82, E84, E87, E88, E89, E90, E91, E92, E93, F2x, F3x, F8x, F15, F16, F25, F26, F85, F86

Content (excerpt):

- Escape of warm air when air conditioning set to cool / air conditioning failure
- Significant reduction of air flow
- Air conditioning system functions without difficulty again 10 minutes after switching the vehicle off

Vehicle communication: Yes

ISTA path:

Activities / Information search / NED / 03 Body / 02 Malfunction / Air conditioning malfunction

Important note:

The fault patterns in the test module depend to some extent on the production period, optional equipment, motorisation and other features. It is therefore possible that not all content or different content to that described above may be displayed for different vehicles.

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AM6403_00174 - Heating/air conditioning system water ingress

Brief description of the test module for non-electrical diagnosis:

Water ingress in the air conditioning (IHKA)

Applies to:

F20, F21, F22, F23, F30, F31, F32, F33, F34, F35, F36

Content (excerpt):

- Moisture and/or discolouration in the area of the centre console or the centre of the instrument panel

Vehicle communication: Yes

ISTA path:

Activities / Information search / NED / 03 Body / 03 Water ingress / Heating and air-conditioning system water ingress

Important note:

The fault patterns in the test module depend to some extent on the production period, optional equipment, motorisation and other features. It is therefore possible that not all content or different content to that described above may be displayed for different vehicles.

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AM6407_00103 - Odour from heating/air conditioning system

Brief description of the test module for non-electrical diagnosis:

Integrated automatic heating/air conditioning system (IHKA) odour

Applies to:

F20, F30

Content (excerpt):

- Musty odour in the passenger compartment
- Exhaust odour in the passenger compartment

Vehicle communication: Yes

ISTA path:

Activities / Information search / Function structure / 05 Non-electrical diagnosis - NED / 03 Body / 07 Odour / Heating and air conditioning system odour

Important information:

The fault patterns in the test module depend to some extent on the production period, optional equipment, motorisation and other features. It is therefore possible that not all content or different content to that described above may be displayed for different vehicles.

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