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SUBJECT**Diagnostic of Electric Cooling Fan****MODEL**

E70 X5 from 04/07 production

E60, E61 from 03/07 production

INFORMATION

From March of '07 (and April '07 on E70 X5 vehicles), the new relay for electric coolant fan power supply has been introduced into vehicles.

Current wiring diagnostic schematics (both in DIS Diagnostic and Centernet TIS) do not reflect this running production change.

E70 X5

[GRUSB1707U01.JPG]

Coolant fan power supply relay K9137 (1) is located behind front, right fender, close to DSC module.

In order to gain access to relay's harness, the wheel well cover has to be removed.

E60, E61

[GRUSB1707U02.JPG]

Coolant fan power supply relay K9137 (1) is located in the back of the rear fuse box.

Connector (2) provides control signals for relay activation (KL30g from rear fuse box/power distribution box; and local ground KL31).

In case of electric coolant fan failure (with symptoms of A/C malfunction, engine overheating, or fault code 2EFE "Cooling fan activation" stored in DME), check a power supply relay operation:

1. Make sure that both B+ threaded connections (1) are tight.
2. Check signals KL30g and KL31 (connector 2) for correct operation.

The preliminary wiring diagrams for E70 N62TU, E70 N52, E6x N52, N54 and E6x N62TU are included as PDF attachments.

The corrected wiring diagrams will be available with DIS DVD 52.

WARRANTY INFORMATION

For information only.

ATTACHMENTS

view PDF attachment [B170207E70 N52](#).

view PDF attachment [B170207E70_N62TU](#).
view PDF attachment [B170207E6x_N52_N54](#).
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