



## TRANSMISSION OVERHEATING WARNING ON GEN2 HYBRIDS

### MODEL

F30 (ActiveHybrid 3)	F10 (ActiveHybrid 5)	F02 (ActiveHybrid 7)
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### SITUATION

- Transmission warning light is illuminated and vehicle goes into fail-safe mode. The following Check Control messages may be displayed:
  - CC 585 - Hybrid System Fault!
  - CC 569 – Drivetrain, stop carefully!
  - CC 586 – Drivetrain no restart!
- During diagnosis, some of the following fault codes related to transmission overheating, may be stored in the EGS control module:
  - 44D31F1 – Temperature sensor; excessive temperature in transmission (1450 C)
  - 44D671 – Temperature sensor system; Hotmode 1
  - 44D672 – Temperature sensor system; Hotmode 2 with driver message
  - 44D673 - Temperature sensor system; Hotmode 2 with torque reduction
- Vehicle’s repair history shows a recent transmission fluid replacement under a regular maintenance program.

### CAUSE

Transmission has been overfilled during the last fluid replacement service.

### CORRECTION

- 1. Check the fill level of the transmission fluid.
- 2. Drain as needed, using the ISTA “Oil Adjustment” test plan ABL\_DIT\_AS2460\_GSOES\_8P, found in the Service Functions.

The correct fill capacity of the GEN2 transmission fluid (ATF3+; P/N 83 22 2 289 720) is approximately 4,6 liters.



Note: Refer to the Repair Instruction 00 00 630, “Automatic transmission fluid service

(GA8P70Z) N55 hybrid”, for the proper servicing procedure.

**WARRANTY INFORMATION**

Not applicable.

Claims submitted due to incorrect fluid level are subject to refusal or debit.

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