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## ALPINA B7: DME FAULT 102001 - AIR MASS: TOO HIGH IS STORED

### MODEL

G12 (ALPINA B7)
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### SITUATION

Fault is stored in the DME.

- 102001 – Air mass: too high

The Service Engine Soon (MIL) light may be illuminated, however in most cases only the fault is stored.

This fault may be difficult to reproduce, but is more likely to occur if driving with a light load followed by extended (off throttle) coasting.

### CAUSE

DME software diagnostic sensitivity

### CORRECTION

Reprogram with revised DME software

### PROCEDURE

1. Perform diagnosis using the latest version of ISTA Next.
  2. Inspect the air boxes and intake air components for proper installation and tightness.
  3. Program the vehicle using only **ISTA Next 4.05.1x / ISTA/P 3.61.1** or higher (planned release late April 2017)
- Target integration level: **S15A-17-03-504** or higher



Note: An IRAP solution is available until **S15A-17-03-504** is released.

- Ensure that the vehicle is currently at the latest released integration level
- Submit a PuMA case entitled: “ALPINA – IRAP request for fault 102001”.

## WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks or the BMW Certified Pre-Owned Program..

<b>Defect Code:</b>	<b>10 42 31 59 00</b>	
<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
00 00 006*	Refer to KSD2	Performing "vehicle test" (with vehicle diagnosis system – checking faults)
Or:		
00 00 556	Refer to KSD2	Performing "vehicle test" (with vehicle diagnosis system – checking faults) (Plus work)
And:		
61 21 528	Refer to KSD2	Connect an approved battery charger/power supply (indicated in KSD 2 as Charging battery)
And as necessary:		
13 99 000	3 FRU	Work time to inspect the air boxes and intake air components for proper installation and tightness
And:		
61 00 730	Refer to KSD2	Programming/encoding control unit(s)

\*If you are using a Main labor code for another repair, use the Plus code labor operation 00 00 556 instead.

Refer to KSD2 for the corresponding flat rate unit (FRU) allowances.

Work time labor operation code 13 99 000 is not considered a Main labor operation. Also, since the "work time" FRU allowance to be claimed is specified, a separate punch time is not required.

### Vehicle Programming and Encoding

When ISTA/P automatically reprograms and codes all the vehicle's control modules that currently do not have the latest software, and if control module failures occur during this programming procedure:

- Please claim this consequential control module-related repair work under the defect code listed in this bulletin with the applicable KSD2/AIR labor operations.

### Other Repairs

Control module failures that occurred prior to this programming procedure and/or other work is performed as a result of inspecting the air boxes and intake air components:

- When covered under an applicable limited warranty, claim the control module-related and/or other repair work using the applicable defect code and labor operations in KSD2/AIR.

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