

TSB SB06-12-S005 Air Conditioning Not Cold, Malfunction Indicator Lamp On, DTC P0116 Set

Air Conditioning Not Cold, Malfunction Indicator Lamp On, DTC P0116 Set

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Affected Vehicles

2007 Isuzu Ascender

Service Information

Condition:

Some customers may comment that the Air Conditioning (A/C) does not get cold enough. Others may comment that the Malfunction Indicator Lamp (MIL) is on. Technicians may find that Diagnostic Trouble Code (DTC) P0116 (Engine Coolant Temperature Sensor Performance) has been set in the Powertrain Control Module (PCM).

Possible Cause:

This condition may be caused by the software in the PCM that allows the P0116 to set. While the P0116 is active, the PCM will not allow the A/C compressor to engage.

Correction:

Reprogram PCM.

Service Procedure

Technicians are to reprogram the PCM in vehicles built prior to the following VIN breakpoint:

Vehicle	Engine	VIN of First Vehicle Built With Updated PCM
Ascender	4.2L (VIN S)	72133238

The updated PCM calibration is available on TIS Version 29.0. The new calibration is entitled "New software with diagnostic enhancements for DTC P0483". As always, make sure your Tech 2 is updated with the latest software version. Refer to the Engine and Powertrain Control Module Programming and Setup procedures in the Service Manual for further information.

Warranty Claim Information

Use the following labor operation:

Operation	Operation No.	Task	Time	Trouble Code
Engine Control Module	03J6354D	Reprogram	Use Applicable Published Labor Time	71

NOTE:

1. Labor Time includes administrative time allowance.
2. Information released on paper and electronic format prior to bulletin release cannot be updated. For the most current and up to date information refer to IsuzuONE.com
3. Always refer to the Isuzu Service Policy Procedure Manual for specific details on warranty coverage and policies.

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