

Technical Service Bulletin (TSB)

Flash: Powertrain Control Module (PCM) Updates

REFERENCE:	TSB: 18-043-25 GROUP: 18 - Vehicle Performance	Date:	July 4, 2025	REVISION:	—
VEHICLES AFFECTED:	2025 (M1) Jeep Compass This bulletin applies to vehicles built on and after September 23, 2024 (MDH 0923XX) and on and before June 12, 2025 (MDH 0612XX) equipped with a 1.3L I4 Turbo Mair DI Eng W/ESS (Sales Code EYJ).			MARKET APPLICABILITY: ☐ NA☐ MEA ☒ SA☐ IAP ☐ EE☐ CH NOTE: This bulletin applies to the South America market.	
CUSTOMER SYMPTOM:	Customers must experience a Malfunction Indicator Lamp (MIL) illumination and the vehicle must exhibit/set one or more of the following Diagnostic Trouble Codes (DTCs): ● P0032-00 - Comando Do Aquecedor De Sonda Lambda Pré-catalisador - Circuito Alto. ● P0133-00 - Sonda Lambda Pré-catalisador - Resposta Lenta. ● P0171-00 - Sonda Lambda Pré-catalisador - Mistura Pobre. Customers may comment on one or more of the following: ● Engine power loss. ● Engine acceleration cuts out at times.				
CAUSE:	PCM software				

This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 25-125, date of issue July 04, 2025. All applicable RSU VINs have been loaded. To verify this RSU service action is applicable to the vehicle, use VIP or perform a VIN search in DealerCONNECT/Service Library. All repairs are reimbursable within the provisions of warranty.

REPAIR SUMMARY:

This bulletin involves reprogramming the PCM with the latest available software and possibly replacing the upstream oxygen sensor.

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
08-19-06-2A	Module, Powertrain Control (PCM) - Reprogram (0 - Introduction)	6 - Electrical and Body Systems	0.2 Hrs.
08-19-06-2B	Module, Powertrain Control (PCM) - Reprogram and Replace Upstream Oxygen Sensor (0 - Introduction)	6 - Electrical and Body Systems	0.4 Hrs.
Failure Code	RF	Required Flash - RSU	
	CC	Customer Concern	

The dealer must choose which failure code to use depending on if this is a Rapid Service Update (RSU) or Technical Service Bulletin.

- The “RF” failure code is required for essential module flash/reprogramming and can only be used after confirmation that the VIN is included on the RSU.
- The failure code “RF” (Required Flash) can no longer be used on Technical Service Bulletin flashes. The “RF” failure code must be used on an RSU.
- If the customer’s concern matches the SYMPTOM/CONDITION identified in the Technical Service Bulletin, failure code CC is to be used. When utilizing this failure code, the 3C’s must be supplied.

SPARE PARTS:

Qty	Part No.	Description	Notes
1 (AR)	7099048 - SA 68755193AA - EMEA	Oxygen Sensor	Sonda Lambda (Upstream)

DIAGNOSIS:

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in DealerCONNECT/Service Library, verify all related systems are functioning as designed. If DTCs or symptom conditions, other than the ones listed above are present, record the issues on the repair order and repair as necessary before proceeding further with this bulletin.

If a customer’s VIN is listed in VIP or your RSU VIN list, perform the repair. If any vehicle not on the VIN list exhibits any of the symptom listed above in the customer symptom section, perform the Repair Procedure.

SPECIAL TOOLS/EQUIPMENT:

Description	Ref. No.	Notes
wiTECH or Equivalent	—	—

REPAIR PROCEDURE:

NOTE: Install a battery charger to ensure battery voltage does not drop below 13.2 volts. Do not allow the charging voltage to climb above 13.5 volts during the flash process.

NOTE: If this flash process is interrupted/aborted, the flash should be restarted.

1. Is the vehicle on the RSU VIN list?
 - YES >>> Proceed to [Step 2](#).
 - NO >>> Proceed to [Step 3](#).
2. Is the PCM updated to the latest software level?
 - YES >>> This bulletin is complete. Use Inspect LOP (08-19-06-2A) to close this active RSU.
 - NO >>> Proceed to [Step 3](#).
3. Clear all DTCs.
4. Reprogram the PCM with the latest software. If issues arise when flashing a module using the wiTECH Diagnostic Application, please submit a ticket to the Helpdesk. The helpdesk can be found within the Help menu.
5. Are DTCs P0032, P0133, P0171 still present?
 - YES >>> Proceed to [Step 6](#).
 - NO >>> This bulletin is complete.
6. Replace the upstream oxygen sensor. Refer to the detailed procedures available in DealerCONNECT > Service Library> under: 1080B94 - Sonda Lambda Anterior ao Conversor Catalítico - Remoção/Recolocação. Incluso Procedimentos Necessários.
7. Clear all DTCs that may have been set in any module due to reprogramming. The wiTECH application will automatically present all DTCs after the flash and allow them to be cleared.

NOTE: After applying this TSB, it is not necessary to send DID-I or DID-A.

POLICY:

Reimbursable within the provisions of the warranty.

This bulletin is supplied as technical information only and is not an authorization for repair. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, or otherwise, without written permission of FCA US LLC.