

Technical Service Bulletin (TSB)

Methanol In Fuel - Diagnostic Trouble Code (DTC) P0171

REFERENCE:	TSB: 09-005-26 GROUP: 09 - Engine	Date:	March 12, 2026	REVISION:	—
VEHICLES AFFECTED:	2022 - 2026 (B1) Jeep Renegade 2022 - 2026 (H1) Jeep Commander 2022 - 2026 (M1) Jeep Compass This bulletin applies to vehicles equipped with a 1.3L I4 Turbo Mair DI Engine W/ESS E100 (Sales Code EYJ).			MARKET APPLICABILITY: ☐ NA☐ MEA ☒ SA☐ IAP ☐ EE☐ CH NOTE: This bulletin applies to the South America markets.	
CUSTOMER SYMPTOM:	Customers may experience a Malfunction Indicator Lamp (MIL) illumination and the vehicle may exhibit/set the following Diagnostic Trouble Code (DTC): - P0171-00 - System Too Lean (Bank 1). Customers can also experience one or more of the following: - Engine misfire. - Rough engine idle. - Difficulty starting engine.				
CAUSE:	Presence of methanol in fuel				

DISCUSSION:

This Information Only TSB is to aid in diagnosing the presence of methanol or other contaminants in fuel can cause severe failures in engine components, such as spark plugs, cylinder heads, valves, pistons, and cylinders, as well as degradation of injection system components, including the low-pressure pump, high-pressure pump, and injectors. **This damage results from abnormal combustion in the cylinders, incompatible with normal engine operating conditions.**

In accordance with the Warranty Manual, there is no contractual warranty coverage for engine or injection system damage resulting from the use of unspecified or contaminated fuel.

If fuel contamination is visually confirmed, the application of the contractual warranty is invalidated, as is eligibility for any existing TSB charges, even those related to other DTCs registered in the vehicle.

Record photos/videos of the procedure performed in which the presence of methanol and/or other contaminants in the fuel was detected and store the Scan Report with the registered DTC (to keep in your records).

NOTE: A document on how to perform the methanol measurement test can be found in Service Library.

DIAGNOSTIC AIDS:

Description	Ref. No.	Notes
Reagent Kit	2850000468	(can be used multiple times)
Testing Kit (tool)	2850000469	-

WARNING!

Methanol is a toxic substance and can cause health problems during handling. Applicable safety measures must be taken in accordance with current regulations.

IMPORTANT! Interventions due to non-compliant fuel (draining the tank and the entire injection system, replacing the fuel filter, damage to the engine, injectors, fuel pump, etc.) are not covered by the contractual warranty, as they constitute an external factor to the vehicle.

POLICY:

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