

Technical Service Bulletin (TSB)

Water In Fuel - Diagnostic Trouble Code (DTC) P0169

REFERENCE:	TSB: 09-004-26 GROUP: 09 - Engine	Date:	March 11, 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): - P0169 - Incorrect Fuel Composition. Customers can also experience one or more of the following: - Rough running engine (jerking). - Unstable engine idle. - Performance loss. - Abnormal or excess engine noise.				
CAUSE:	Presence of water in fuel				

DISCUSSION:

This Information Only TSB is to aid in diagnosing DTC P0169 - Incorrect Fuel Composition in the Engine Control Module (ECM) control unit via the ethanol sensor, which measures the proportion of ethanol in the fuel.

The presence of water above the limits regulated by the ANP (0.05% in gasoline and 0.05% in hydrated ethanol) alters the density and conductivity of the fuel, generating an abnormal voltage signal in the ethanol sensor. This causes the ECM to detect excessive contamination, storing P0169 to protect the engine against inefficient combustion, ignition failures, or damage to components.

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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