



01-19-05TT Engine Crank, No Start or No -J623- ECM Communication with DTC U0100 Stored in ECM Fault Memory

Release date: 11/5/2021

Condition

ATTENTION: THIS IS A TECH TIP, NOT A TECHNICAL BULLETIN. TECH TIPS ARE NOT ASSOCIATED WITH WARRANTY CLAIMING.

Applicable Vehicles

Table with 6 columns: Model(s), Year, Eng. Code, Trans. Code, VIN Range From, VIN Range To. Lists applicable models like Arteon, Atlas, Jetta, etc., for years 2018-2019.

Revision Table

Table with 4 columns: Instance Number, Published Date, Version Number, Reason For Update. Shows revision history from 2054867/1 to 2054867/4.

Technical Background

Table with 2 columns: DTC, Description. Shows DTC U0100: Lost Communication with ECM/PCM.

When disconnecting the Battery during service, the -J623- (ECM) may become internally shorted as a result of the Positive Battery Terminal grounding out on the ECM case. DTC U0100 may set, as well as an engine crank with no start condition.



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Service

When disconnecting or replacing a Battery, the Repair Manual procedure outlined in Elsa must be followed in its entirety. See Repair Manual Group 27. The Battery Ground Cable must always be disconnected prior to the Battery Positive Cable. Failure to do so may result in internal ECM damage.

Also check fuse SB9 for ignition coils to see if it is open. If the fuse is open it will need to be replaced.



Figure 1



Figure 2

Additional Information

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