



STAR ONLINE PUBLICATION



Case Number: S211800002

Release Date: 03/20/2021

Symptom/Vehicle Issue: Customer complaint may include a Mil-on condition that may be accompanied by a “misfire” feel or rough-running engine condition. Upon further investigation, any of the following DTCs may be found in the PCM:

P2302-IGNITION COIL 1 SECONDARY CIRCUIT - INSUFFICIENT IONIZATION
P2305-IGNITION COIL 2 SECONDARY CIRCUIT - INSUFFICIENT IONIZATION
P2308-IGNITION COIL 3 SECONDARY CIRCUIT - INSUFFICIENT IONIZATION
P2311-IGNITION COIL 4 SECONDARY CIRCUIT - INSUFFICIENT IONIZATION
P2314-IGNITION COIL 5 SECONDARY CIRCUIT - INSUFFICIENT IONIZATION
P2317-IGNITION COIL 6 SECONDARY CIRCUIT - INSUFFICIENT IONIZATION
P2320-IGNITION COIL 7 SECONDARY CIRCUIT - INSUFFICIENT IONIZATION
P2323-IGNITION COIL 8 SECONDARY CIRCUIT - INSUFFICIENT IONIZATION
P0301-CYLINDER 1 MISFIRE
P0302-CYLINDER 2 MISFIRE
P0303-CYLINDER 3 MISFIRE
P0304-CYLINDER 4 MISFIRE
P0305-CYLINDER 5 MISFIRE
P0306-CYLINDER 6 MISFIRE
P0307-CYLINDER 7 MISFIRE
P0308-CYLINDER 8 MISFIRE

Discussion: If the above conditions are present, perform a “pull-push-pull” test on the corresponding coil connector(s). If any connector is found to be not properly seated and locked, make sure to correct the condition and retest for the DTC(s) to return. If the DTC(s) return, perform normal diagnostic routines for any DTC that sets.

This document does not authorize warranty repairs. This communication documents a record of past experiences. STAR Online does not provide any conclusions about what is wrong with the vehicle. Rather, it captures all previous cases known that appear to be similar or related to the vehicle symptom / condition. You are the expert, and you are responsible for deciding on the appropriate course of action.

Contact STAR Center, or your Technical Assistance Center Via TechCONNECT or eCONTACT ticket if no solution is found