

DTC B302A Telematic Requested Immobilization

Diagnostic Instructions

- Perform the Diagnostic System Check – Vehicle prior to using this diagnostic procedure.
- Review Strategy Based Diagnosis for an overview of the diagnostic approach.
- Diagnostic Procedure Instructions provides an overview of each diagnostic category.

DTC Descriptor

DTC B302A 00: Telematic Requested Immobilization

Circuit/System Description

As part of the vehicle telematics enhanced services, a request may be sent to the theft deterrent module (TDM) to disable vehicle starting. If a valid message is received by the TDM requesting that starting be disabled, the start enable message will not be sent to the engine control module (ECM).

Conditions for Setting the DTC

A valid start disable from telematics will set DTC B302A only as a history DTC.

Action Taken When the DTC Sets

Vehicle starting will be suspended and the security indicator will be illuminated.

Conditions for Clearing the DTC

- A current DTC will clear when the telematic start disable request is no longer seen.
- A history DTC will clear after 100 ignition cycles in which the telematic start disable request is not seen.

Diagnostic Aids

DTC B302A is only an indicator that a start disable request has been received

from the vehicle telematics system and does not indicate a fault in the immobilizer system. B302A will only set as a history DTC. The only procedure required is to clear the DTC with a scan tool.

Reference Information

Schematic Reference

Immobilizer Schematics

Connector End View Reference

Component Connector End Views

Description and Operation

Immobilizer Description and Operation

Electrical Information Reference

- Circuit Testing
- Connector Repairs
- Testing for Intermittent Conditions and Poor Connections
- Wiring Repairs

Scan Tool Reference

Control Module References for scan tool information

Circuit/System Verification

- 1). With a master vehicle key, turn the ignition ON.
- 2). Observe the security indicator. After approximately 10 minutes, the indicator will turn off.
- 3). Turn the ignition OFF and wait 5 seconds.
- 4). Repeat steps 2–4 two more times for a total of 3 cycles or 30 minutes.
- 5). With a master vehicle key, turn the ignition ON. The start disable will now be cleared.
- 6). With a scan tool, clear any DTCs.