

STAR ONLINE PUBLICATION

Case Number: S2008000076

Release Date: 5/29/2020

Symptom/Vehicle Issue: Exhaust Manifold Heat Shield Rub Through Of MDS Solenoid Wiring. P3449, P3441, P3425, And P3401 May Be Set In The PCM

Discussion: The heat shield for the driver's side exhaust manifold can easily deform during assembly or repair. The heat shield is known to deform in such a way that it contacts the MDS solenoid wiring harness located at the rear of the driver's cylinder head.

Diagnosis: Inspect the clearance between the heat shield and the MDS solenoid wiring at the rear of the drivers cylinder head. Confirm that there is a minimum of 15mm of clearance between the edge of the heat shield and the wiring harness.

(Images of location on next page)

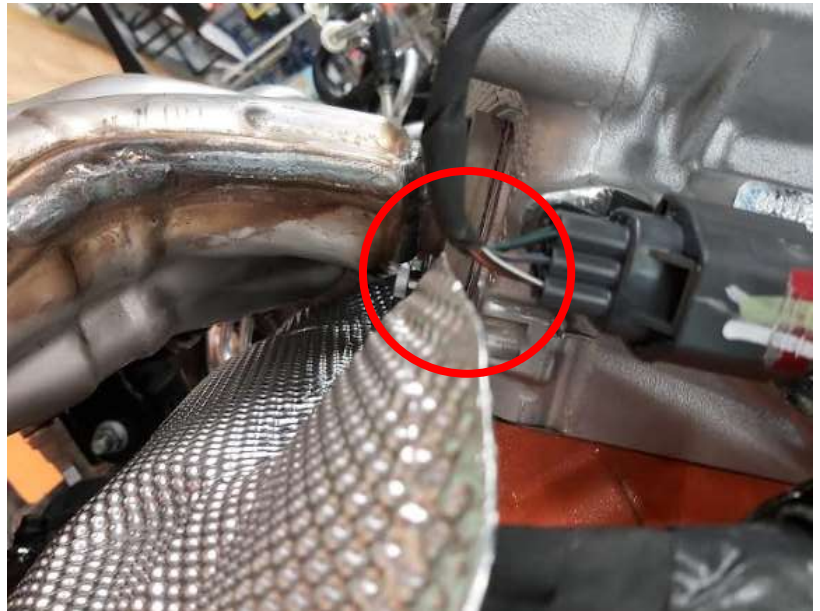
This document does not authorize warranty repairs. This communication documents a record of past experiences. STAR Online does not provide any conclusions about what is wrong with the vehicle. Rather, it captures all previous cases known that appear to be similar or related to the vehicle symptom / condition. 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

STAR ONLINE PUBLICATION



Rear of driver's side cylinder head



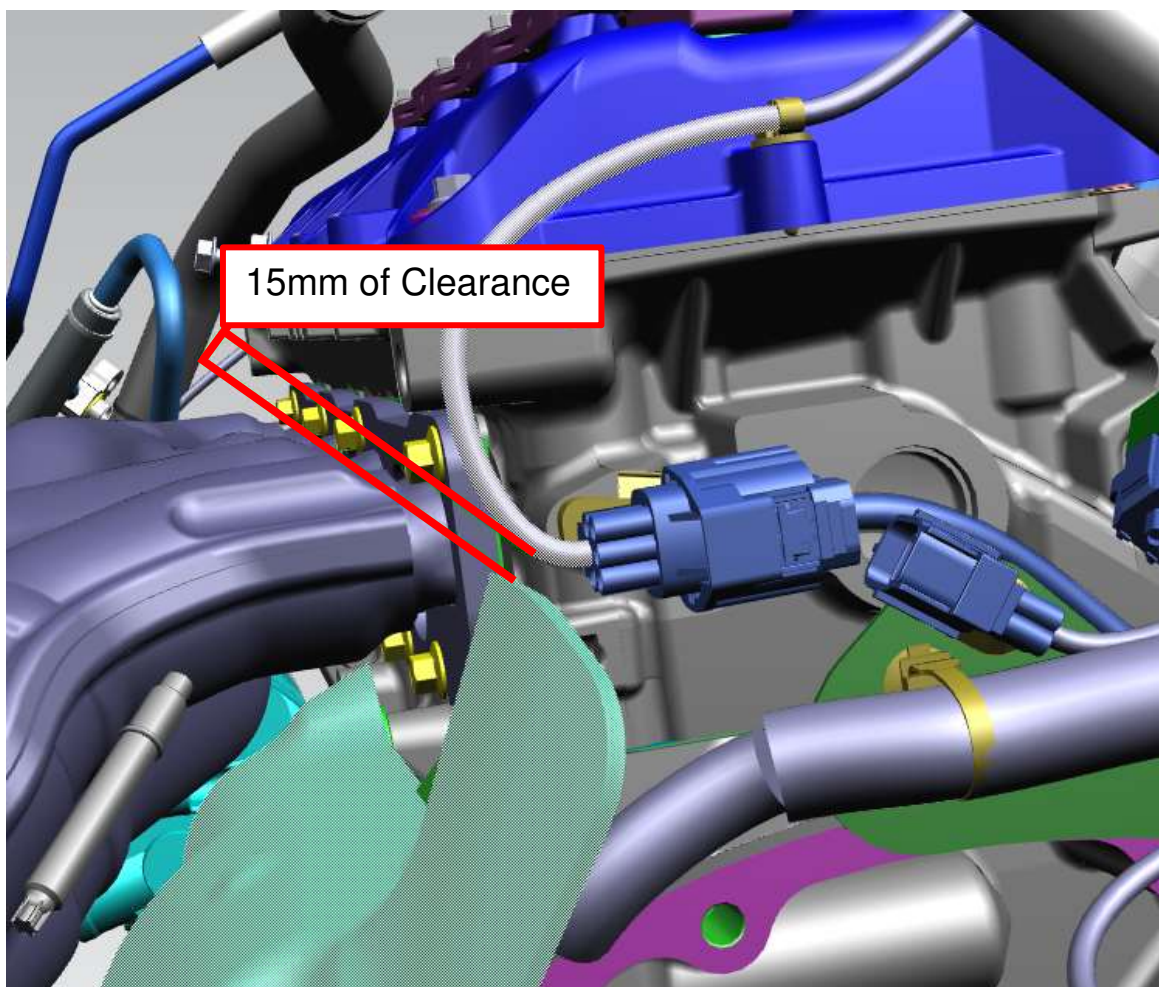
Wiring rub through point

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

STAR ONLINE PUBLICATION

Repair: If there is less than 15mm of clearance. Obtain the desired clearance by bending or cutting away the heat shield from the wiring harness. Repair any wiring harness chaffing damage found.



Verification: Confirm there is sufficient clearance between the heat shield and wiring harness. Clear the DTC's and confirm they do not return.

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