



SUBJECT**N16 Engine: FC 2D9B Knock Sensor, Signal Is Stored in the DME****MODEL**

R55 Cooper Clubman

R56 Cooper

R57 Cooper Convertible

R58 Cooper Coupe

R59 Cooper Roadster

R60 Cooper Countryman

SITUATION

Certain areas of the US experience extremely cold climate conditions during the winter months, which can cause the Service Engine Soon lamp to illuminate while the engine temperature is increasing to full operating temperature. The following fault may be stored in the DME:

- FC 2D9B Knock Sensor, Signal

While performing test plan B1214 M KNOCK SENSOR, the following error message will be displayed: “An error has occurred during execution of a service program. Fault code: 61/3.”

This error in the test plan will not allow diagnosis to continue. The test plan error will be repaired with ISTA/D 2.36.0.

CAUSE

A DME calibration error in the knock sensor diagnostics results in an increased sensitivity threshold to cold temperatures.

PROCEDURE

Do not replace any parts.

Create a PuMA case with “FC 2D9B Knock Sensor, Signal” in the subject line and wait for a response.

WARRANTY INFORMATION

If the PuMA case recommendations results with **eligible and covered work**, claim this work with the applicable defect code(s) and labor operations listed in KSD2.

Note: Please follow any TeileClearing (TC) or Diagcode (DC) requirements that may apply to this additional work.