SI B12 06 15
Engine Electrical Systems

January 2015
Technical Service

SUBJECT
DME Erroneous Super-knocking Faults

MODEL
I12 (i8)

SITUATION
When decelerating with the engine speed dropping from 5,000 rpm to 4,500 rpm, one of the following erroneous super-knocking faults may be stored in the DME:

- FC 152108 – Super-knocking in cylinder 1; injection cut-off

- FC 152208 – Super-knocking in cylinder 2; injection cut-off

- FC 152308 – Super-knocking in cylinder 3; injection cut-off

    Always in conjunction with FC 152D08 (Super-knocking, injection cut-off).

These stored faults do not cause any drivability complaints or engine warning lights.

The fault codes are detected during diagnosis for unrelated work.

CAUSE
DME software error

PROCEDURE
The super-knocking fault codes should be ignored and deleted when environmental conditions indicate the engine speed is above 4,500 rpm. No additional diagnosis is required. The DME diagnostic software will be corrected with future releases.

WARRANTY INFORMATION
Not applicable.