



Countries: CANADA, UNITED STATES Document ID: IK1201331
 Availability: ISIS Revision: 1
 Major System: ENGINES Created: 4/6/2016
 Current Language: English Last Modified: 4/7/2016
 Other Languages: NONE Author: Jeff Novak
 Viewed: 301

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Coding Information

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Title: 110-17 Engine Coolant System below OBD monitoring temperature Diagnostics

Applies To: N9 & N10 Engines

CHANGE LOG

Please refer to the change log text box below for recent changes to this article:

04/07/2016 - Updated diagnostic steps for 500k
 04/06/2016 - Initial Article Release

DESCRIPTION

This document provides updated information on the 110-17 fault for the N9 & N10 engines.

SYMPTOM(s)

Diagnostic Trouble Code(s) & Dashboard Indicator Light(s):

DTC/Light	Description
SPN 110 FMI 17	Engine Coolant System below OBD monitoring temperature

Customer Observations or Concerns:

Malfunction Indicator Lamp (MIL) and inactive, active or pending fault SPN 110 FMI 17.

DIAGNOSTIC STEP(s)

WARNING:

To prevent personal injury and / or death, read all safety instructions in the "Safety Information" section of the Service / Diagnostic Manual prior to performing procedures.

Step	Action	Decision
# 1	DIAGNOSTIC:	Green. Clear codes and release the vehicle. Do NOT replace thermostat or ECT sensor. A calibration will be

Visually inspect the vehicle's 9 pin connector?	released to relieve this fault from setting.
Is the 9 pin connector green (500K communication) or black (250K communication)?	Black. Go to step #2

Step	Action	Decision
# 2	DIAGNOSTICS for 250K Units: Follow diagnostics for fault 110-17(Click Here).	Yes. Make corrections and retest for 110-17 fault. If no other issues are found then return unit to customer.
	Was a problem identified?	No. If no problem is found, verify if each step was completed correctly and the proper decision was made.

WARRANTY INFORMATION

Warranty Claim Coding:

Group:	12000 - Engines
Noun:	0785 - Thermostat and Gasket

Standard Repair Time(s):

Repair	Model	Engine	SRT	SRT Time Link
ECT SENSOR, DIAGNOSTICS	4300	MAXXFORCE DT/9/10	K12-2292K	Link to SRT
ECT SENSOR, DIAGNOSTICS	4400	MAXXFORCE DT/9/10	L12-2191K	
ECT SENSOR, DIAGNOSTICS	7300, 7400, 7500	MAXXFORCE DT/9/10	M12-2191K	
ECT SENSOR, DIAGNOSTICS	8500	MAXXFORCE DT/9/10	P12-2191K	
ENGINE THERMOSTAT, REPLACE	4300,4400	N 9/10	KL12-3785TS	Link to SRT
ENGINE THERMOSTAT, REPLACE	7300, 7400, 7500	N 9/10	M12-3785TS	

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Feedback Information

Viewed: 300
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Staff ID	Client ID	Comments	Created Date
	DYYTXHR	You received the following feedback From: dyytxhr - Travis Hurley Email Address: travis@alscheppers.com Job Classification: AD003, Warranty Administrator Dealer: SCHEPPERS INTL TRK CTR Feedback: There needs to be an ECT sensor diagnostics SRT for "N" engines. I have a 2016 4400 with a N9 SCR engine that had an active code of SPN110-17 and the diagnostics sent us to this diagnostics and there is no diagnostic SRT for any "N" engines. I-Claim will not take the Maxforce SRT so we have to T-Time it and then document our T-Time instead of just using a regular SRT.	4/20/2016 7:26:22 AM