

Technical Bulletin

Division: Automotive

Section Title: Engine

Category: Technical

TSB No. TS 24 02118

SUBJECT: CHECK ENGINE LIGHT "ON", DTC P0128 (ENGINE COOLANT TEMPERATURE (ECT) BELOW THERMOSTAT REGULATING TEMPERATURE) -OUTSIDE TEMPERATURES BELOW FREEZING

MODEL(S): XL7 (JC636)

YEAR: 2007~2008

CONDITION: Check engine light is ON with DTC P0128 (Engine coolant temperature (ECT) below thermostat regulating temperature) stored.

CAUSE: Mis-calibration for vehicles with rear HVAC. Heat up time exceeded due to extra coolant capacity of rear HVAC equipped vehicles.

CORRECTION: DO NOT REPLACE THE ENGINE CONTROL MODULE (ECM) OR THERMOSTAT! Please follow the service manual procedure to reprogram the ECM with the latest software. Be sure to click "Clear DTC's" after programming finishes. See below.

PART(S) INFORMATION:

Part Numbers	Description	QTY	Notes
33920-78J__*	Fuel Injection Controller (ECM)	0	Do not replace for the above symptom.

REQUIRED TOOLS AND SOFTWARE:

Part Numbers	Description	QTY	Notes
99963-00025	Tech 2 Kit	1	
SPX3000118	32mb Card	1	Must be updated with current version from TIS2WEB
J-45289	CANdi module	1	Connected in line of the Data Link Cable (DLC)
N/A	PC	1	Must meet minimum requirements for TIS2WEB
N/A	TIS2WEB	1	Link found in Suzuki Pitstop under "OBD-ODB II & Diagnostics"

Technical Service Department

Dealership Circulation - Initial and file:

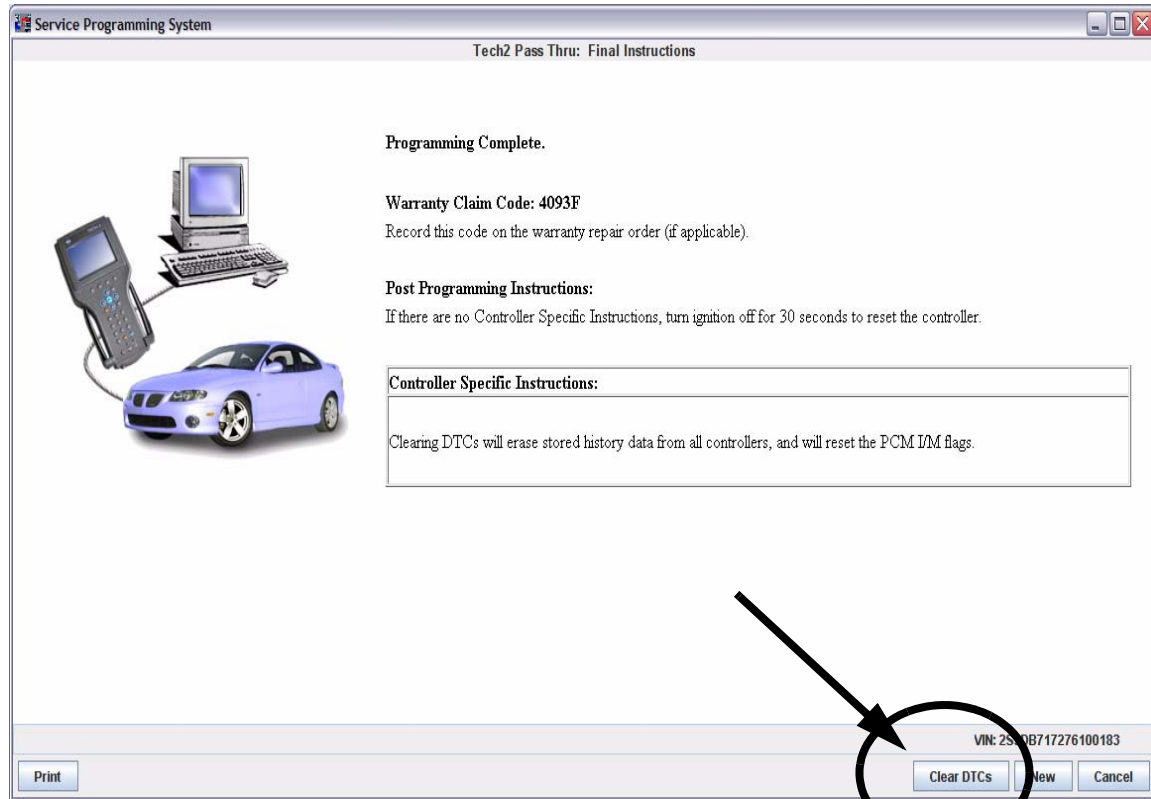
Service Manager	Parts Manager	Service Advisor	Technicians			

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WARRANTY CLAIM INFORMATION

Labor Operation	Description	Failed Part Number	Complaint Code	Defect Code	Labor Time
FB32P0	Fuel Injection Controller (ECM)	33920-78J__*	36	48	0.5 Hrs.

* Last two digits depend on vehicle year, please look up correct and complete part number.

**NOTE:**

The tire pressure monitoring system (TPMS) may not show tire pressures after programming. This is normal, the vehicle will have to be driven for the sensors to wake up and update the information.