

TECHNICAL INSTRUCTIONS
FOR
SPECIAL SERVICE CAMPAIGN C0W
ENGINE CONTROL MODULE (ECM) REFLASH
CERTAIN 2013 MODEL YEAR SCION FR-S

UPDATED JANUARY 7, 2013

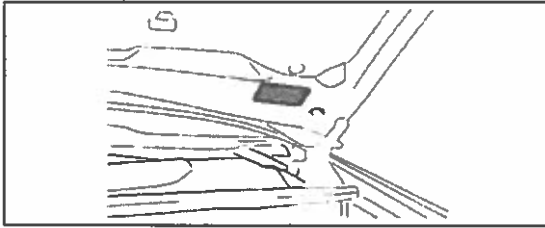
TECHNICAL INSTRUCTION UPDATE NOTICE:

Updated 1/7/13

- ECM Reflash Procedure has been updated (SECTION VI)

Previous versions of these Technical Instructions should be discarded.

V. ECM CALIBRATION ID VERIFICATION



1. CHECK FOR THE AUTHORIZED MODIFICATION LABEL

- a) Open the hood to determine if the modification label is present.

INSPECTION RESULT	ACTION REQUIRED
Label NOT present	Proceed to STEP 2. ECM CAL ID
Label present	Not affected, campaign complete

2. CONFIRM THE ECM CALIBRATION ID

- a) Perform a health check and confirm no DTCs are present.
 b) Confirm the current calibration ID in the ECM.

MODEL	CURRENT CAL ID	ACTION REQUIRED
6AT	ZA1J700D	Proceed to STEP VI. ECM REFLASH PROCEDURE
	ZA1J900D	
6MT	ZA1J700C	
	ZA1J900C	

NOTE: If the calibration ID is **NOT** listed above, the vehicle is not affected and the campaign is complete.

VI. ECM REFLASH PROCEDURE



- For general reprogramming procedures, refer to [S-SB-0003-10](#).
- Confirm the latest version of Techstream software is being used.
- A battery charger set to power supply mode **MUST** be used during reprogramming.
- ECM damage may occur if the correct battery charger setting is not used.
- If the Techstream does not have sufficient battery power the reflash will fail.
- Confirm the DLC3 cable is in good condition before attempting reflash.
- If vehicle exhibits any trouble codes or drivability symptoms, diagnose and repair using TIS before attempting to reprogram the ECM.
- If ECM is replaced, reprogramming is not necessary. Campaign is complete.
- If reprogramming stops or cannot be completed call TAS.

1. CONNECT THE GR8

- a) Set the GR8 to Power Supply Mode to help maintain 13.5 volts during ECM reprogramming.

2. REFLASH THE ECM

- a) Click yes on the health check results screen, or follow the links below to begin the reflash process.

MODEL	CURRENT CAL ID	UPDATED CAL ID
6AT	ZA1J700D	<u>ZA1JA00D</u>
	ZA1J900D	
6MT	ZA1J700C	<u>ZA1JA00C</u>
	ZA1J900C	

3. ATTACH THE AUTHORIZED VEHICLE MODIFICATION LABEL

- a) Fill out the label.
 b) Affix the label to the under-side of the hood.

TOYOTA MOTOR CORPORATION
AUTHORIZED MODIFICATIONS
 THE FOLLOWING MODIFICATIONS HAVE BEEN MADE

THESE MODIFICATIONS HAVE BEEN APPROVED
 AS APPROPRIATE BY EPA AND CARB

DEALER CODE: _____ DATE: _____
 CHANGE AUTHORITY: _____

1	Replacement ECM P/N 6AT – SU003-04567 6MT – SU003-04568
2	New Calibration ID 6AT – ZA1JA00D 6MT – ZA1JA00C
3	Dealer Code
4	Date Completed
5	Campaign Code (COW)