

Section : Chassis/
Power Train
Ref. No. : CP-4014
Date : Oct., 2004
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Area Application : Europe

Model Name : COROLLA VERSO

Model Code : ZUR10

Subject : MMT Initialization Procedure

This Service Bulletin is to inform you about the updated initialization procedure for Corolla Verso with MMT.

Initialization of Multi-Mode manual Transmission system

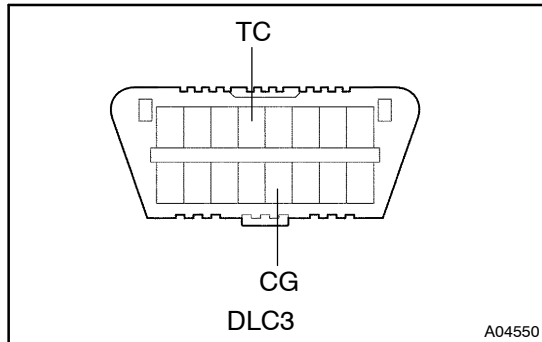
- The calibration values and the DTC history of the Multi-Mode manual Transmission system are stored in the EEPROM in the transmission control ECU. The stored information will NOT be cleared even when the negative terminal of the battery is removed. To clear all the stored information, initialize the transmission control ECU.
- If the initialization of the Multi-Mode manual transmission system has failed, switch off the engine for MORE THAN 15 seconds. Then perform the whole procedure again from step (a) to step (k).
- When initialization cannot be performed normally, there may be a malfunction with the shift lever position sensor, NE signals or CAN communication.

Parts to be replaced or removed and installed	Necessary Operation
TRANSMISSION CONTROL ECU CLUTCH ACTUATOR CLUTCH DISC AND CLUTCH DISC COVER FLYWHEEL CRANKSHAFT CLUTCH RELEASE BEARING CLUTCH RELEASE FORK END PLATE → when clutch actuator is removed from the transmission assy during installation of any of the following parts: TRANSMISSION ASSY TRANSMISSION PARTS (INSIDE GEAR BOX)	Initialization of ECU
CLUTCH STROKE SENSOR	Initialization of clutch
SHIFT STROKE SENSOR SELECT STROKE SENSOR SHIFT AND SELECT ACTUATOR TRANSMISSION PARTS (INSIDE GEAR BOX)	Initialization of transmission



INITIALIZATION

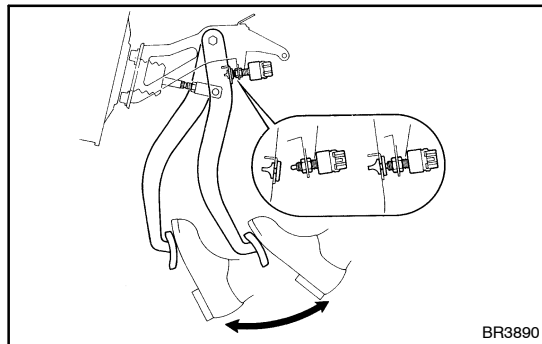
- (a) Prepare the vehicle
- Stop the vehicle
 - Shift the lever into the "N" position



- (b) Using SST, connect terminals TC and CG of the DLC3.

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- (c) Wait at least 10 seconds or more
(d) Turn the ignition switch (IG) ON.



- (e) Depress the brake pedal 7 times or more within 3 seconds.

→ buzzer sounds twice at intervals of 0.25 seconds

- (f) Prepare the vehicle
- Depress the brake pedal
 - According to items of initialization, select the procedure from the following and perform it:

1. When initializing the ECU

"N→E→M→ - →M→ - →M→ - →M→ - →E→N"

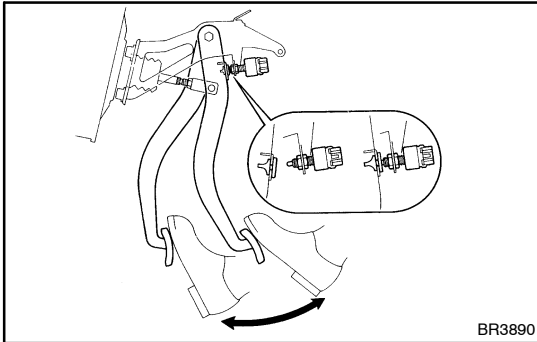
2. When initializing the clutch

"N→E→M→ + →M→ - →M→ + →M→ - →E→N"

3. When initializing the transmission

"N→E→M→ - →M→ - →M→ + →M→ + →E→N"

- Release the brake pedal



(g) Depress the brake pedal
→ the buzzer sounds at intervals of 0.5 seconds as follows: (an interval of 0.25 seconds exists for each cycle)

1. When initializing the **ECU**: 2 times
2. When initializing the **clutch**: 3 times
3. When initializing the **transmission**: 4 times

(h) Depress the brake pedal 3 times or more within 2 seconds.

→ the buzzer sounds twice at intervals of 0.25 seconds

- (i) Turn the engine switch off **FOR MORE THAN 10 SECONDS.**
- (j) Disconnect the SST from terminals TC and CG of the DLC3.