

FULLY-CLOSED THROTTLE POSITION LEARNING FUNCTION OPERATION [LF]

B3E014018881T12

Fully-closed throttle learning value (fully-closed throttle voltage value) update

- If the calculated average value for the fully-closed throttle falls below the current fully-closed throttle learning value, the PCM updates the calculated average value as a new value.
- When the throttle valve is considered to be fully-closed, the average fully-closed throttle value when all of the following conditions are met is calculated by averaging several sample values that are detected.
 - No load (in neutral) with vehicle stopped
 - If throttle valve opening angle has not changed
 - Other than when in test mode
 - Engine speed is **less than 3,000 rpm**.

Inhibition condition of fully-closed throttle learning

- If any of the following conditions are met, the PCM determines that there is a fully-closed throttle learning difficulty and substitutes a set value (fixed value) for the fully-closed throttle learning value.
 - During Test mode
 - Throttle position sensor damage (DTCs P0122, P0123 detected)
 - Battery terminals reconnected
 - If fully-closed throttle learning value exceeds the set upper limit value
 - If fully-closed learning value decreases below set lower limit value.