

VARIABLE TUMBLE CONTROL OPERATION [ZJ, Z6]

B3E014000140T18

Operation conditions

• When all of the following conditions are met, the PCM energizes the closed-side circuit of the variable tumble shutter valve actuator. As a result, the variable tumble shutter valve closes.

- Engine speed is less than 3,250 rpm.
- Engine coolant temperature is less than 60°C {140°F}.
- Throttle valve opening angle is at specified value or less (changes according to engine speed)

Inhibition conditions

• When any one of the following conditions are met, the variable tumble control is inhibited and the variable tumble shutter valve is constantly open.

- DTC has been stored for the engine coolant temperature.
- DTC has been stored for the TP sensor.