

# Idle Speed

MECHANICAL

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## 3. Idle Speed

### A: INSPECTION

- 1) Before checking the idle speed, check the following item:
  - (1) Check the air cleaner element is free from clogging, ignition timing is correct, spark plugs are in good condition, and hoses are connected properly.
  - (2) Check the malfunction indicator light does not illuminate.
- 2) Warm up the engine.
- 3) Read the engine idle speed using Subaru Select Monitor. <Ref. to EN(w/o STI)(diag)-37, DISPLAY CURRENT ENGINE DATA, OPERATION, Subaru Select Monitor.>

#### NOTE:

- Idle speed cannot be adjusted manually, because the idle speed is automatically adjusted.
- If idle speed is out of standard, refer to the General Diagnosis Table under “Engine Control System”. <Ref. to EN(w/o STI)(diag)-2, Basic Diagnostic Procedure.>
  - (1) Check the idle speed when no-loaded. (Headlight, blower fan, rear defroster, radiator fan, A/C and etc. are OFF)

***Idle speed (No load, and for CVT model, select lever in “P” or “N” range, for MT model, gear shift lever in neutral position.):***

#### ***Standard***

***700±100 rpm***

- (2) Check the idle speed when loaded. (Turn the A/C switch to ON and operate the compressor for at least one minute before measurement.)

***Idle speed (A/C on, and for CVT model, select lever in “P” or “N” range, for MT model, gear shift lever in neutral position.):***

#### ***Standard***

***700 — 865±50 rpm***