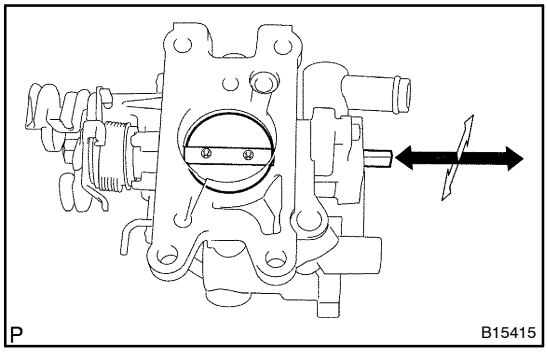
FU0B2–01

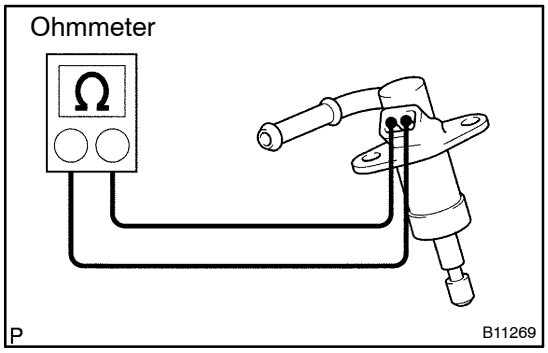
INSPECTION



1. INSPECT THROTTLE SHAFT

(a) Check that the throttle shaft rotates smoothly when operating the throttle lever.

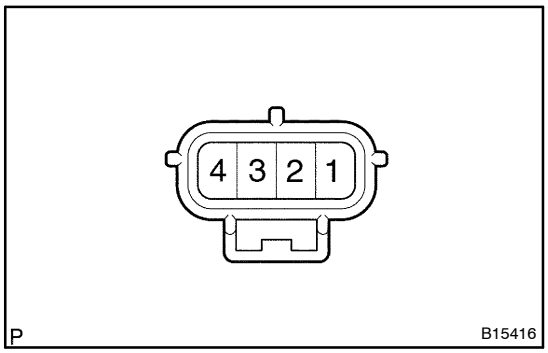
(b) With the throttle valve closed completely, check that the throttle shaft is properly positioned without looseness, while moving the shaft in the directions indicated by the arrows in the illustration.



2. INSPECT INJECTOR

Measure the resistance between terminals.

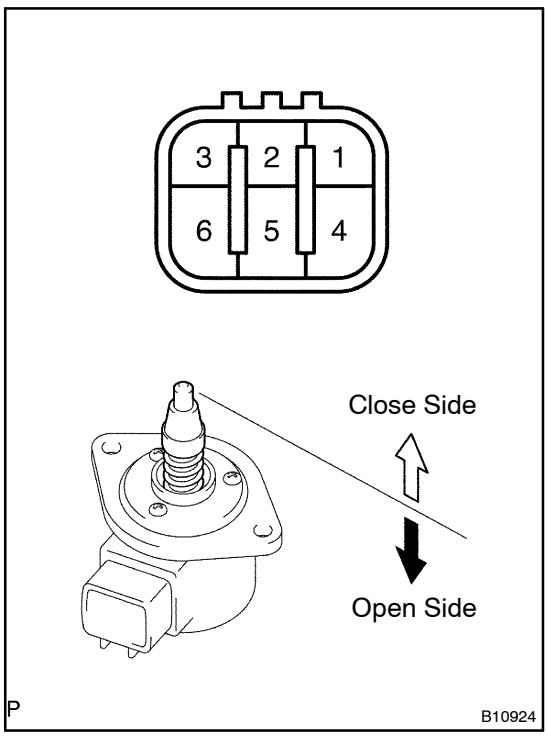
Resistance: 3.5 – 4.5 Ω at 20 °C (68 °F)



3. INSPECT THROTTLE POSITION SENSOR

Using an ohmmeter, measure the resistance between terminals 1 and 4.

Resistance: 2.5 – 11.5 kΩ



4. INSPECT AIR FUEL RATIO CONTROL MOTOR

NOTICE:

"Cold" and "Hot" in these sentences express the temperature of the coils themselves. "Cold " is from –10 °C (14 °F) to 50 °C (122 °F) and "Hot" is from 50 °C (122 °F) to 100 °C (212 °F).

(a) Measure the resistance between terminals.

Resistance:

2 ↔ 3 or 1: 15 – 25 Ω at Cold

20 – 30 Ω at Hot

5 ↔ 6 or 4: 15 – 25 Ω at Cold

20 – 30 Ω at Hot

(b) Inspect the air fuel ratio control motor operation.

(1) Connect the positive lead of the battery to terminals B1 and B2. Connect the negative lead of the battery to terminals in the order of S1 → S2 → S3 → S4 → S1 several times, and confirm that the valve moves to the "Close" side.

(2) Connect the positive lead of the battery to terminals B1 and B2. Connect the negative lead of the battery to terminals in the order of S4 → S3 → S2 → S1 → S4 several times, and confirm that the valve moves to the ”Open” side.