

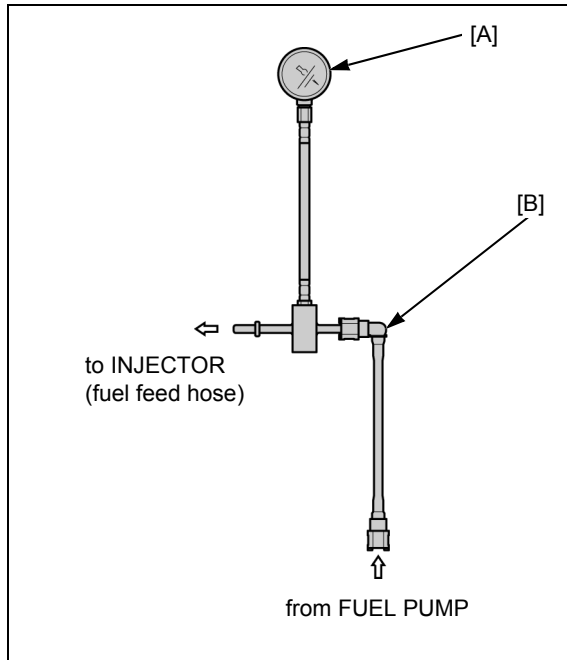


## FUEL SUPPLY TEST



- If the fuel in tank is sufficient but such symptom as poor engine performance, lack of fuel, or engine start failure exist, perform the following.
- Perform the fuel pressure test. →2-3
- If the fuel pressure is within specification, perform the fuel flow inspection. →2-3
- Perform the fuel flow inspection in the specified fuel quantity. →2-3

## FUEL PRESSURE TEST



- Quick connect fitting (fuel pump side)

- Attach the fuel pressure gauge and attachment.

**[A] Fuel pressure gauge: 07406-0040004**

**[B] Fuel pressure gauge attachment: 070MJ-K260100**



- Temporarily connect the negative cable to the battery and fuel pump 5P connector.

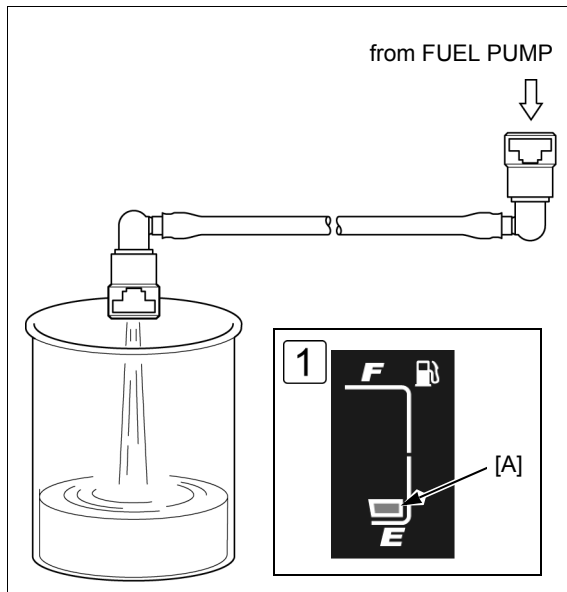
Start the engine and let it idle, and read the fuel pressure.

**Standard: 263 – 316 kPa**



- If the fuel pressure is higher than specified, replace the fuel pump assembly. →2-4
- If the fuel pressure is lower than specified, inspect the following.
  - Fuel line leaking
  - Any erratic swing or vibration of the gauge needle in the pressure gauge reading.
    - If the needle is swing or vibration, replace the fuel filter. →2-5
    - If the needle is not swing or vibration, replace the fuel pump unit. →2-4

## FUEL FLOW INSPECTION



- Quick connect fitting (injector side) →2-2

- Place the end of the hose into an approved gasoline container. Wipe off spilled out gasoline.



- The fuel pump operates for 2 seconds. Repeat 5 times to meet the total measuring time.

**Standard: 36 cm<sup>3</sup> minimum/10 seconds**



- If fuel flow is less than specified, inspect the following:
  - Clogged fuel hose
  - Fuel pump unit
- [1] Place the vehicle on the level ground with its center-stand. Adjust the fuel in the tank so that the fuel gauge segment is positioned the specified range [A], and inspect the fuel flow.
  - If the fuel flow is above specification, check for other malfunctioning parts.
  - If the fuel flow is under specification, replace the fuel filter. →2-5