COMMON RAIL ASSY (S05C–TB)

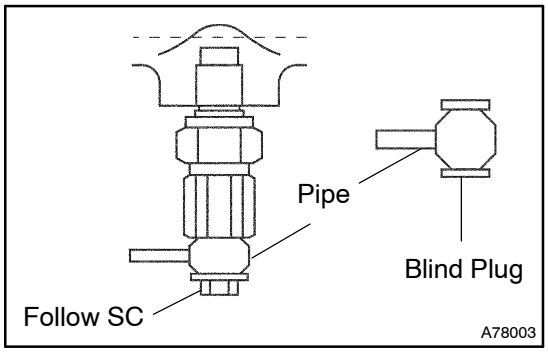
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ON–VEHICLE INSPECTION

1. INSPECT PRESSURE SENSOR

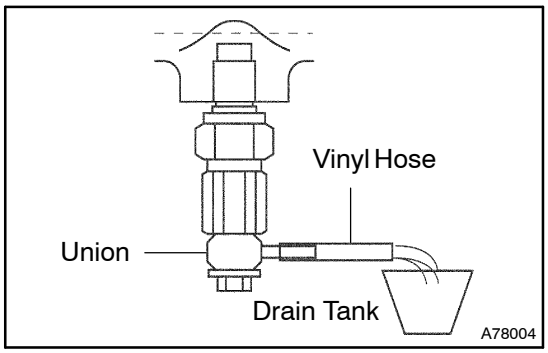
(a) If the malfunction indicator lamp come on, and the following malfunction is displayed at the diagnosis system, have the fuel pressure sensor replace.

- Open and short in the fuel pressure sensor circuit for common rail (DTC No. 49, 83).
- Common rail pressure does not change in a certain time while the engine is running (DTC No. 84).



2. INSPECT PRESSURE LIMITER

(a) Remove the follow SC from the pressure limiter.
(b) Set up blind plug to the pipe end.



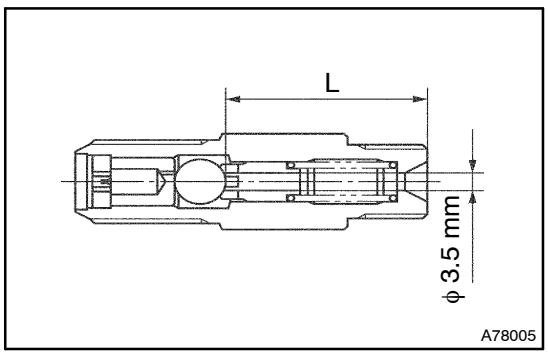
(c) Install union to the pressure limiter.
(d) Set a vinyl hose to the union and set a drain tank.
(e) Start the engine.

If the fuel flow continuously, replace the pressure limiter.

CAUTION:

When the pressure limiter is working flow out high pressure and high temperature fuel.

Serious injury could result from scalding hot fuel and blown out under pressure.



3. INSPECT FLOW DAMPER

(a) Measure the depth (L) as left illustration.

If the L is less than 33 mm (1.30 in.), replace the flow damper.

(b) Start the engine and change the engine speed idling to full racing with the accelerator.

If the fuel control cylinder balance system malfunction is displayed at the diagnosis system (DTC No. 79), replace the injector of the trouble cylinder. But it is not refined, replace the flow damper.