Print Exit

6AR-FSE FUEL FUEL SYSTEM DETAILS FUEL INJECTOR (FOR DIRECT INJECTION)

CONSTRUCTION

a. High-pressure, single slit-nozzle type fuel injector assemblies are used in conjunction with the adoption of the Direct injection 4-stroke gasoline engine Superior version (D-4S) system.

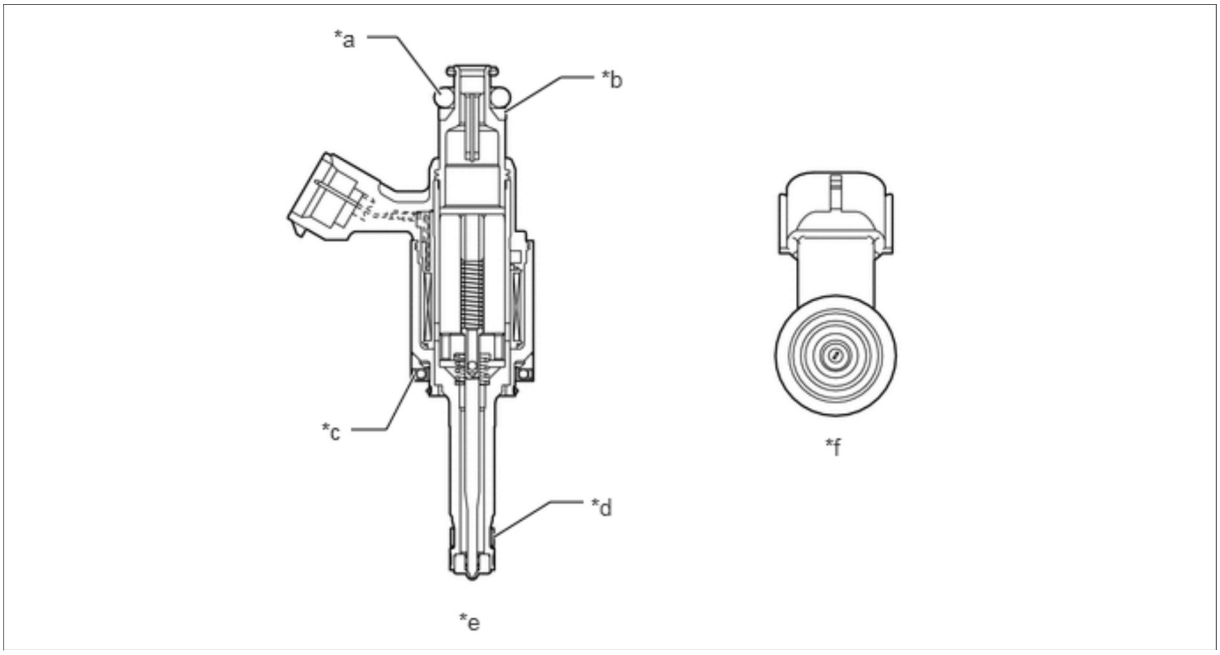
b. The use of this fuel injector assembly (for direct injection) causes the fuel to become highly atomized and spread over a wide fan-shaped area. At the same time, the fuel is mixed with a large amount of air and injected into the combustion chamber. As a result, fuel injection dissipation performance is improved to achieve a homogeneous air-fuel mixture, high performance and high engine output.

c. A Teflon sealant is used for the cylinder internal pressure sealant and an insulator is used at the cylinder head sub-assembly contact area to reduce vibration and noise and improve sealing performance.

d. An O-ring and backup ring* are used in the fuel injector assembly (for direct injection). As a result, the transmission of operation noise from the fuel injector assembly (for direct injection) is reduced to improve quietness and ensure fastener airtightness.

NOTICE:

*: The backup ring is installed to securely support the rubber O-ring, which is subjected to high pressures. Take care to install the backup ring in the correct direction at the correct installation position.



*a	O-ring	*b	Backup Ring
*c	Insulator	*d	Teflon Sealant
*e	Fuel Injector Assembly (for Direct Injection) Cross Section	*f	Injection Hole