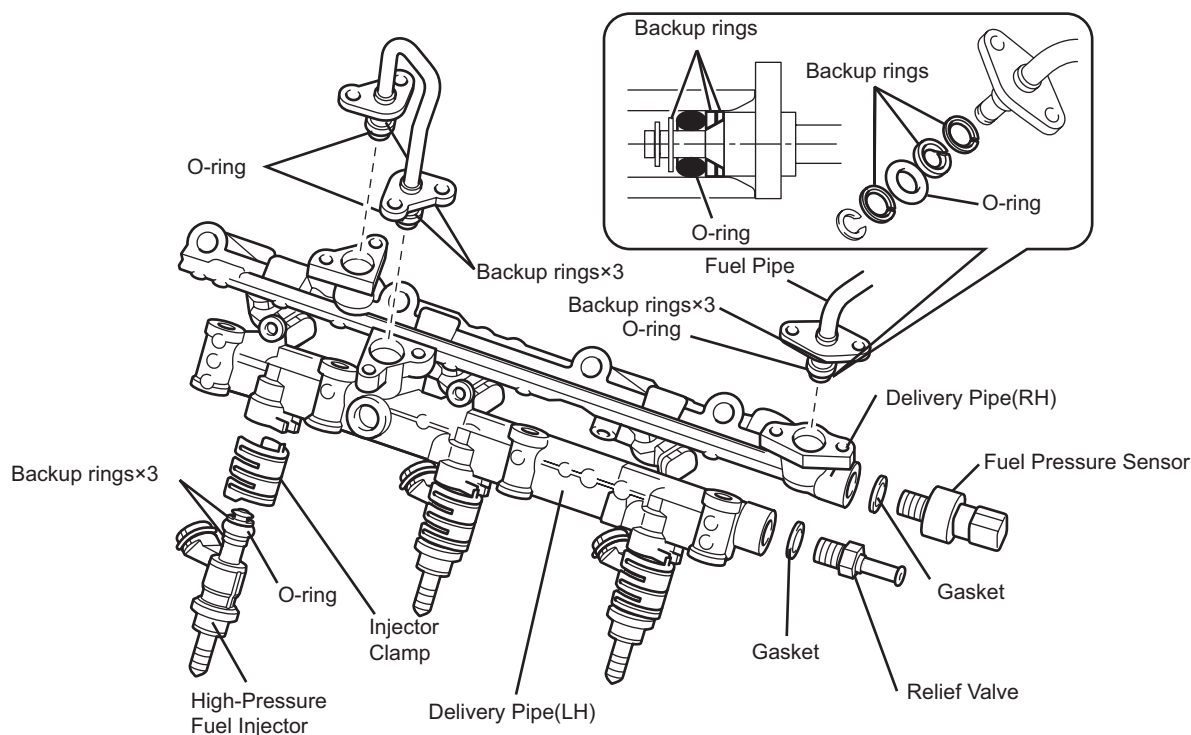


Delivery Pipe

- An aluminum alloy fuel delivery pipe is used.
- A fuel pressure sensor and a relief valve are provided on the fuel delivery pipe.
- An injector clamp is provided to each area of the fuel delivery pipe where a high-pressure fuel injector is installed. This clamp applies a constant spring force to the injector to prevent the injector from moving when the combustion pressure is applied to the injector while the engine is being started, during which the fuel pressure is low. As a result, it increases the sealing performance of the injector, while reducing vibration and noise.
- O-rings and backup rings* are used in the areas in which the high-pressure fuel injectors and high-pressure fuel delivery pipes are joined. This reduces the transmission of the operating sounds of the high-pressure fuel injectors, enhances quiet operation, and ensures the sealing performance of the joined areas.

❖REFERENCE❖

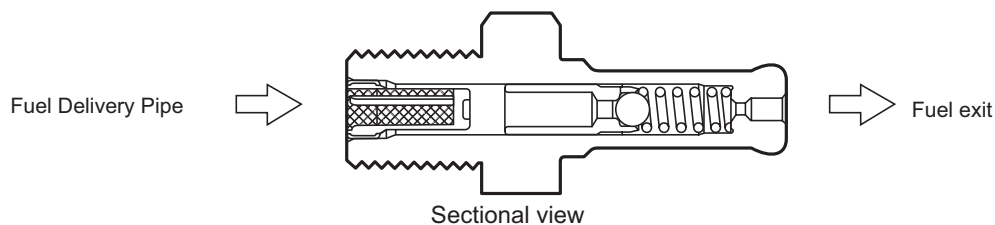
- * : The backup ring is provided to securely support the rubber O-ring, which is exposed to high fuel pressure. During assembly, make sure to install it with the correct position and orientation.



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Relief Valve

- A relief valve is provided in the fuel delivery pipe. When the fuel in the fuel delivery pipe increases to a predetermined pressure (15.3 MPa), the relief valve returns the fuel to the fuel tank.



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