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## diesel engines

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#### Checking and repairing fuel injectors

##### Disassembling fuel injectors

Fig. 3

Insert injector assembly (the inlet valve being downwards) into the clamping device and lock in a vice. Remove carbon dust and take out nozzle body, intermediate washer, pressure pin, compression spring and stem. Take pressure pipe back out of vice.



##### Repairing fuel injectors

Fig. 4

Clean interior of injection body (1) with a soft wooden stick and petrol or Diesel fuel. Clean nozzle needle (2) with a clean cloth.



**Note:**  
To prevent corrosion, do not touch lower parts of nozzle needle with the fingers. The nozzle and injection needle are not affected by each other and must not be interchanged.



Check cleaned parts for wear and damage, replacing them if necessary. Grease new parts.

##### Assembling fuel injectors

Fig. 5

Insert pressure pipe back into clamping device, insert stem and compression spring.



Fig. 6

Insert pressure pin and intermediate washer.



21-10410

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# Hanshin Diesel Engine Maintenance Manual

**Patrick Vollmar**



## **Hanshin Diesel Engine Maintenance Manual:**

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