9.1 ME - SFI Engine 104

Hydraulic Test Program – Test (Injector Test)

\Rightarrow	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
1.0	Injectors Leakage test	N3/10 3 (3A) (29C)	Fuel rail and fuel injectors removed. Ignition: ON	Injectors must not drip.	Replace dripping injectors, ⇒ 2.0
2.0	Injectors Operation and spray pattern test	N3/10 3 (3A) 21 (29C)	Ignition: ON Hold each injector (one after another) into a container and, using the self-made test harness, manually activate the injector by connecting harness banana plugs to socket box sockets 3 (–) and 2 (+).	Injectors must spray evenly (Figure 1).	Replace defective injectors.

Diagnostic Manual • Engines • 10/01 9.1 ME - SFI 36/1

9.1 ME - SFI Engine 104

Hydraulic Test Program – Test (Injector Test)

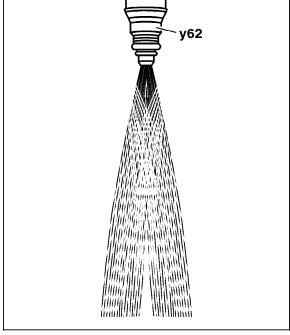


Figure 1 Y62 Injector Good spray pattern

P07.61-0542-02

Diagnostic Manual • Engines • 10/01 9.1 ME - SFI 36/2