

Diagnosis – Complaint Related Diagnostic Chart

Complaint/Problem	Possible cause	Test step/Remedy ¹⁾
Engine starts poorly	No TN-signal (rpm signal)	23 ⇒ 12.0
Engine starts poorly and accelerates poorly	Hot wire MAF sensor (B2/2) defective ECT sensor (B11/2) defective	23 ⇒ 5.0 – 6.0 23 ⇒ 9.0 – 10.0
Engine does not start	No voltage supply from base module (N16/1) FP relay module (K27) defective ECT sensor (B11/2) defective Injector control and injection timing	23 ⇒ 1.0 – 4.0 23 ⇒ 8.0 34 ⇒ 2.0 23 ⇒ 9.0 – 10.0 23 ⇒ 33.0
Engine runs uneven at CTP (idle)	EGR valve defective Injector control and injection timing	23 ⇒ 22.0 23 ⇒ 33.0
Engine has uneven idle and insufficient engine output	Camshaft timing adjustment defective	23 ⇒ 26.0 – 29.0

¹⁾ Observe Preparation for Test, see 22.