

Diagnosis – Complaint Related Diagnostic Chart (Preglow System)

Prior to Diagnosis:

1. Review section 0, 11, 12, 21, 22, 23

Complaint/Problem	Possible cause	Test step/Remedy ¹⁾
Preglow indicator lamp does not light with glow/starter switch ON, engine can be started.	Preglow indicator lamp.	Instrument cluster (A1)
Preglow indicator lamp does not light, engine can not be started.	Preglow control module (N14/2). Voltage supply to preglow control module (N14/2) is missing.	23 ⇒ 15.0
Preglow indicator lamp lights up while driving for approx. 1 minute.	Open circuit of glow plug	23 ⇒ 16.0
Preglow indicator lamp lights up while driving or lights intermittantly.	Short circuit in preglow control module (N14/2).	23 ⇒ 15.0
Preglow indicator lamp lights up while driving or lights intermittantly.	Communication fault between engine control module (IFI) (N3/7) and preglow control module (N14/2).	23 ⇒ 14.0

¹⁾ Observe Preparation for Test, see 22.

Note regarding preglow current circuit:

A melt-down fuse is installed for each individual glow plug in the preglow control module (N14/2). With a short circuit in the glow plugs or the electrical wiring to the glow plugs, the current circuit is interrupted. The preglow control module (N14/2) must be replaced after the short circuit is eliminated.