
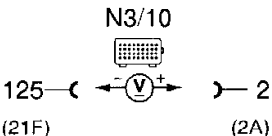
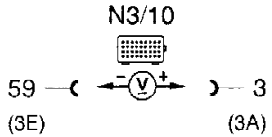


SELF-DIAGNOSTICS

Fig. 44: Fuel Injection System Test (Steps 35.0-37.0)
Courtesy of MERCEDES-BENZ OF NORTH AMERICA.
 1998 Mercedes-Benz SLK230

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/remedy
35.0	PD 805 PI 235	Supercharger function		Connect pressure tester to intake manifold. Drive vehicle on dynamometer or road in transm. selector lever in range 3 or 3rd gear if manual trans. with full load at approx. 3500 rpm.	> 280 mbar pressure	⇒ 36.0 – 37.0 Air flap/air filter actuator (M16/7) binding, Charge air line plugged, Supercharger defective.
36.0	PD 806 PI 236	Magnetic supercharger clutch (Y2/1) Activation Supercharger only	N3/10 	Engine: At Idle; Rapidly depress accelerator pedal (WOT):	11 – 14 V, as long as the supercharger is engaged.	Wiring, Y2/1, N3/10
37.0	PD 803 PD 243	Air flap/air filter actuator (M16/7) Activation Supercharger only	N3/10 	Ignition: ON Engine: At Idle; Rapidly depress accelerator pedal (WOT):	1.0 – 1.4 V 2.0 – 12.0 V	Wiring, M16/7, N3/10

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