
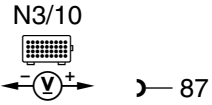
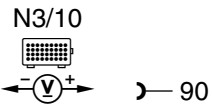
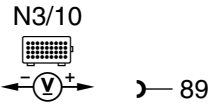

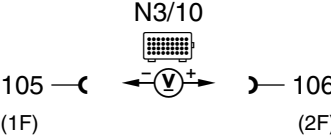
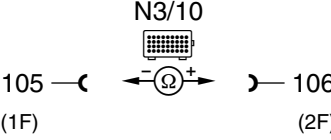
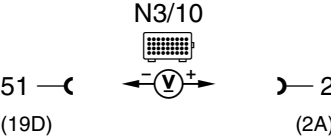


Electrical Test Program – Electronic Accelerator (EA) Test

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/remedy
3.0	PD 507 PD 120 PI 186 PI 580	EA/CC/ISC actuator (M16/6) Signal Actual value potentiometer 1 Actual value potentiometer 2	N3/10  88 —(32E) ←(V)→ —(31E) 87 N3/10  88 —(32E) ←(V)→ —(34E) 90	Ignition: ON Accelerator pedal position: CTP WOT or kick-down Accelerator pedal position: CTP WOT or kick-down	 4.0 – 4.6 V < CTP value 0.3 – 0.9 V > CTP value	⇒ 3.1, Wiring, M16/6
3.1		Voltage supply Actual value potentiometers 1 and 2	N3/10  88 —(32E) ←(V)→ —(33E) 89	Ignition: ON	4.75 – 5.25 V	Wiring, N3/10

Electrical Test Program – Electronic Accelerator (EA) Test

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/remedy
4.0	PI 1186 PI 580	EA/CC/ISC actuator (M16/6) Activation of actuator motor Actuator motor resistance	 	Ignition: ON Engine: at Idle ECT > 70 °C Ignition: OFF	0.8 – 2.3 V 1.0 – 2.5 V Value oscillates. < 10 Ω	Wiring, M16/6, N3/10
5.0		With AT only P/N recognition		Ignition: ON Selector lever position: P/N R, D, 4, 3, 2, 1	11 – 14 V < 2.0 V	Wiring, Test ETC, see DM, Chassis & Drivetrain, Vol. 1.