
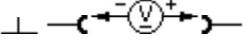
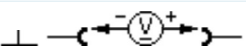
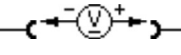
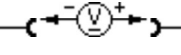


All values measured to ground unless otherwise noted

Conn./Plug/Pin	Pin Information	Test Equipment/Pins	Conditions	Test values/Comments
N3/10				Note
M.16	Right O2S signal input (after TWC) high side	No reliable test		
M.21	Right O2S heater (after TWC)	M.21  F.5	Ignition: On Engine: At idle (2min) ETC > 80 °C	1-12 VDC (varies)
M.30	Coolant thermostat heating activation signal	No test information available		
M.31	Boost pressure control pressure transducer activation signal, low side	No test information available		
M.41	Left O2S signal input (after TWC) high side	No reliable test		
M.46	Right camshaft exhaust solenoid ground signal output	 M.46	Ignition on:	0 Ohm when valve is activated
M.54	Right camshaft intake solenoid ground signal output	 M.54	Ignition: On	0 Ohm when valve is activated
M.55, 66, 67, 90,91	Pins only carry system interchanging signals	No reliable test Check continuity of wiring connection		
M.58	Right intake camshaft Hall sensor signal input	No test information available		
M.68, 69, 80, 92, 93	Pins only carry system interchanging signals	No reliable test Check continuity of wiring connection		
M.70	Sensors common ground signal	No test information available		
M.72	Left O2S heater (after TWC)	M.72  F.5	Ignition: On Engine: At idle (2 min) ETC > 80 °C	1-12 VDC (varies)
M.81	Engine oil pump valve activation signal	No test information available		
M.82	Right exhaust camshaft Hall sensor signal input	No reliable test		
M.88	ECT sensor signal input	M.70  M.88	Ignition: On ECT at: 20 °C 60 °C 100 °C	3.4 VDC 1.5 VDC 0.5 VDC
Note	For other pins of connector M see diagram PE07.08-P-2101EAG. For pins of connector F see diagram PE07.08-P-2101EAI			