

Conn./ Plug/Pin	Pin Information	Test Value	Comments
A1			
1A.1	Left turn signal indicator input	12 VDC intermittent, with left turn signal on	A1e1 flashes
1A.2	Circuit 56a high beam signal indicator input.	12 VDC with high beam headlamps on	A1e3 illuminated
1A.3	Main ground to W1	Approx. 0 Ohms to ground	
1A.4	Circuit 61e output, "Engine Running" recognition. Processed in ECM, feed from generator via 1B.1	12 VDC with engine running 0 VDC with engine not running	Short protected, current decoupled from circuit 61
1A.5	Circuit 58d output, "Dimmed Instrument Illumination" voltage	Varies from 0.5-12 VDC, depending on setting of dimming value and ambient brightness	Short protected, current decoupled from circuit 58k
1A.6	Circuit 15c "Ignition Key" recognition	12 VDC with ignition key inserted in steering lock	Buzzing signal when door is opened with key still inserted
1A.7	Switched ground signal in case of exterior lamp failure	0 VDC when exterior lamp failure occurs. Approx. 12 VDC under normal condition	Exterior light bulbs See PE82.10 (Exterior lighting)
1A.8	Serial port II, data input from A/C pushbutton module	Ignition on 6-8 VDC	
1A.9	Circuit 15g fused power input	12 VDC with ignition on	Feed from F1f19
1A.10	Right turn signal indicator input	12 VDC intermittent, with right turn signal on	A1e2 flashes
1A.11	Circuit 30 power input	12 VDC at all times. Powers clock, lights warning etc.	Feed from F1f26
1A.12	Electronics ground to W1	Approx. 0 Ohms to ground	
1A.13	Circuit 58k input to "Electronic Dimming Control"	12 VDC with exterior lights on	
1A.14	Voltage coded signal input from horn switch and multi function buttons in steering wheel	No reliable test	Use SDS to test
1A.15	Voltage coded signal input from horn switch and multi function buttons in steering wheel	No reliable test	Use SDS to test
1A.16	Pin not used		
1A.17	Serial port I, data output to A/C pushbutton module	Ignition on 6-8 VDC	
1A.18	Voltage coded signal input from horn switch and multi function buttons in steering wheel	No reliable test	Use SDS to test
1B.1	Circuit D+ power input	Ignition on 12 VDC when engine is running 0 VDC when engine is not running	
1B.2,3	Pins not used		

## Pin Information, Part 1