

A2 Instrument cluster control unit

Connector location views

Number	X-pin, color	Description
X11175	26-pin, black	Plug connector Instrument cluster control unit
X11176	18-pin, natural	Plug connector Instrument cluster control unit

Pin assignments at plug connector X11175

Pin	Type	Description / Signal type	Connection / Measuring notes
1	M	Ground	Ground connector
2	A	Signal Battery charge indicator	Connector terminal 61
3	A	Engine start signal feedback	Digital motor electronics control unit
4	E	Terminal 30	Fuse F43
5	E	Terminal 15	Fuse F34
6	E	Terminal R	Fuse F10
7	E	Signal Locator lighting	Connector, instrument and locator lighting
8	A	Speedometer (A) output signal	Connector Speedometer (A) output signal
9	E/A	CAN bus high	Connector CAN bus high
10	E/A	CAN bus low	Connector CAN bus low

11	A	Signal, fuel tank sensor (right)	Fuel supply sensor
12	A	Signal, fuel tank sensor ground (right)	Fuel supply sensor
13	A	Signal, oil pressure switch	Digital motor electronics control unit
14	E/A	K-bus signal	K-bus connector
15	A	Signal, fuel tank sensor (left)	Electric fuel pump
16	A	Signal, fuel tank sensor ground (left)	Electric fuel pump
17	E	Signal Oil level sensor	Digital motor electronics control unit
18	E	Signal, service interval indicator reset	Data link connector
19	E	Signal Processed wheel speed, rear left	Connector Processed wheel speed, rear left
20	E	Signal Brake fluid level	Connector Brake fluid level
21	A	Signal, airbag warning LED	Multiple restraint system control unit
22	A	Signal Warning lamp	ABS/ASC unit ABS/DSC unit
23	A	Signal Parking brake	Connector Parking brake
24	M	Signal, brake wear sensor	Front left brake pad sensor

25	E/A	Diagnosis signal TXD	Data link connector
26	A	Signal, coolant level too low	Engine coolant level switch

Pin assignments at plug connector X11176

Pin	Type	Description / Signal type	Connection / Measuring notes
1	A	Signal, outside temperature	Temperature sensor
2	A	Ground, outside temperature	Temperature sensor
3		Not used	
4	A	Signal, washer fluid level low	Washer fluid level switch
5	A	Signal, cruise control active LED Only used on M43 cruise control	Cruise control module
6		Not used	
7	E	Reverse, manual transmission, shift to +	Connector Back-up lights
8		Not used	
9		Not used	
10		Not used	
11		Not used	
12	A		

		Signal, driver's seat belt contact	Hall-effect sensor, seat belt buckle
13	A	Signal, steering column switch	Turn indicator/low beam switch
14	A	Signal, gong T3	Chime module
15		Not used	
16		Not used	
17		Not used	
18		Not used	