

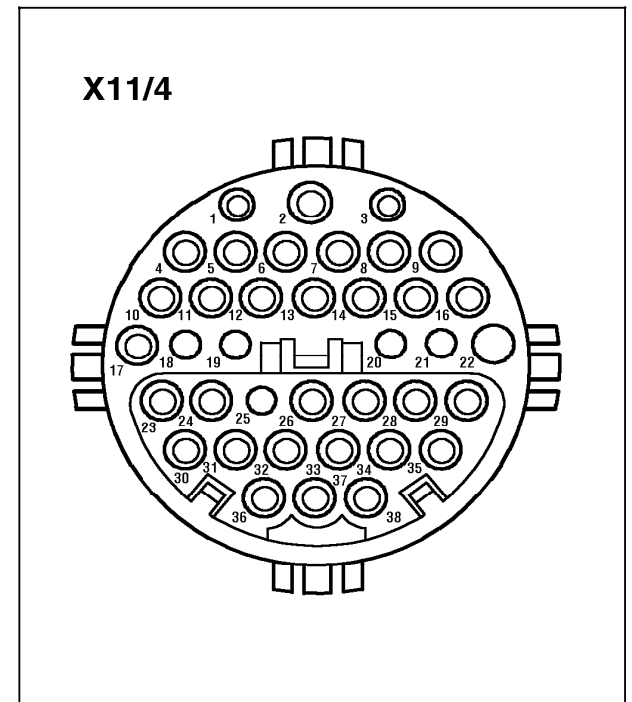
0 Connection and Use of Test Equipment

Connector Layout of Data Link Connector

38-pole Data Link Connector (X11/4)

Models 124, 129, 140, 170, 202, 208, 210

1	Ground, circuit 31 (W12, W15, electronics ground)	13	TN-signal (gasoline), HFM (ME)-SFI engines
2	Voltage, circuit 87 or circuit 15z	14	On-off ratio, Engine 119 LH-SFI, Engine 120 LH-SFI (right)
3	Voltage, circuit 30	15	On-off ratio, Engine 120 LH-SFI (left)
4	EDS Electronic diesel system	15	IC Instrument cluster
4	DFI Electronic distributor-type fuel injection (Diesel)	16	A/C Air conditioning, Models 124, 140, 202, 208, 210
4	IFI Electronic In-line fuel injection (Diesel)	16	TAU Tempmatic air conditioning, Model 170
4	HFM-SFI HFM sequential multiport fuel injection/ignition	17	DI Distributor ignition, Engines 104, 119, Engine 120 (right)
4	LH-SFI LH sequential multiport fuel injection, Engines 104, 119 Engine 120 (right)	17	TD-speed signal (time division) (diesel), Model 140
4	ME-SFI ME sequential multiport fuel injection/ignition, Engine 119, Engine 120 (right)	17	TN-speed signal, LH-SFI engines, HFM, Model 202
5	LH-SFI LH sequential multiport fuel injection, Engine 120 (left)	18	DI Distributor ignition, Engine 120 (left)
5	ME-SFI ME sequential multiport fuel injection/ignition, Engine 120 (left)	19	DM Diagnostic module USA
6	ABS Anti-lock brake system	20	PSE Pneumatic system equipment, Model 140
6	ETS Electronic traction system	20	CCM Combination control module, Model 210
6	ASR Acceleration slip regulation	21	CF Convenience feature, Model 140
6	ESP Electronic stability program	21	RST Roadster soft top, Model 129
7	EA Electronic accelerator	22	RB Roll bar, Model 129
7	CC/ISC Cruise control/idle speed control	23	ATA Anti-theft alarm
8	BM Base module	24-25	Not used
8	BAS Brake assist	26	ASD Automatic locking differential, Model 202
9	ASD Automatic locking differential, Models 124, 129, 140	27	Not used
10	ETC Electronic transmission control (A/T 5spd)	28	PTS Parktronic system, Model 140
10	ETC Electronic transmission control	29	Not used
11	ADS Adaptive damping system	30	AB Airbag/ETR (SRS)
12	SPS Speed-sensitive power steering	31	RCL Remote central locking
13	TNA-signal (gasoline), LH-SFI engines	32-33	Not used
13	TD-signal (Diesel), Model 210	34	CNS Communication and navigation system
		35	Not used
		36	Not used
		37-38	Not used



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0 Connection and Use of Test Equipment

Connector Layout of Data Link Connector

16-pole Data Link Connector (X11/4 or X11/4s1)

Models 124 (except .034/036),

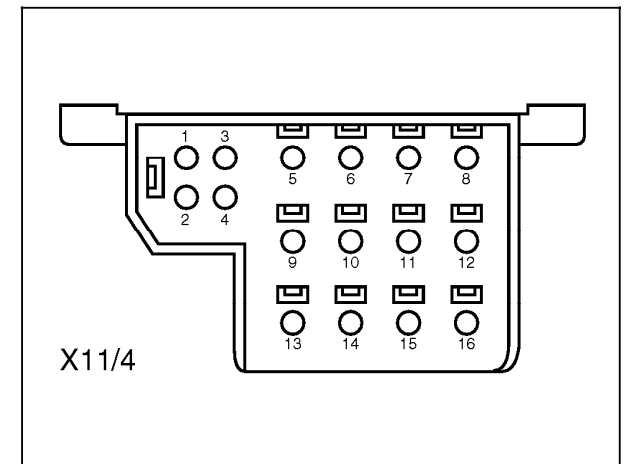
129 (except .060/066)

X11/4

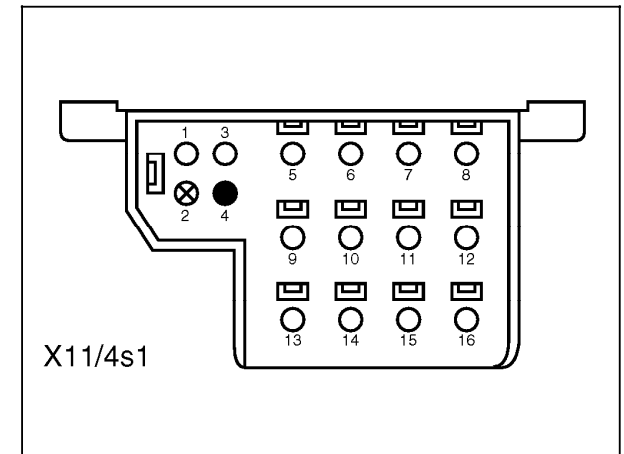
1	Ground
2	Not used
3	CFI Continuous fuel injection (CIS-E)
4	EDS Electronic diesel system
5	4MATIC
6	AB Airbag/ETR (SRS)
7	A/C Air conditioning, Model 124
7	RB Roll bar, Model 129
8	DI Distributor ignition
8	HFM-SFI HFM sequential multiport fuel injection/ignition
8	PEC Pressurized engine control
9	ADS Adaptive damping system
9	RB Roll bar, Model 124
10	TN-signal (Gasoline)
11	ATA Anti-theft alarm
12	RCL Remote central locking
13	ETC Electronic transmission control
14	EA Electronic accelerator, Model 124
14	CC/ISC Cruise control/idle speed control, Model 124
14	ESCM Engine systems control module (MAS), Model 129
15	Not used
16	Circuit 15

X11/4s1 (with LED - California)

1	Ground
2	OBD Pushbutton for on-board diagnostics
3	CFI Continuous fuel injection (CIS-E)
3	DM Diagnostic module
4	LED
5	ASD Automatic locking differential
6	AB Airbag/ETR (SRS)
7	A/C Air conditioning, Model 124
7	RB Roll bar, Model 129
8	DI Distributor ignition
8	HFM-SFI HFM sequential multiport fuel injection/ignition
9	ADS Adaptive damping system
9	RB Roll bar, Model 124
10	RST Roadster soft top, Model 129
10	TN-signal (gasoline)
11	ATA Anti-theft alarm
12	RCL Remote central locking
13	ETC Electronic transmission control
14	EA Electronic accelerator, Model 124
14	CC/ISC Cruise control/idle speed control, Model 124
14	ESCM Engine systems control module (MAS), Model 129
15	Not used
16	Circuit 15



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0 Connection and Use of Test Equipment

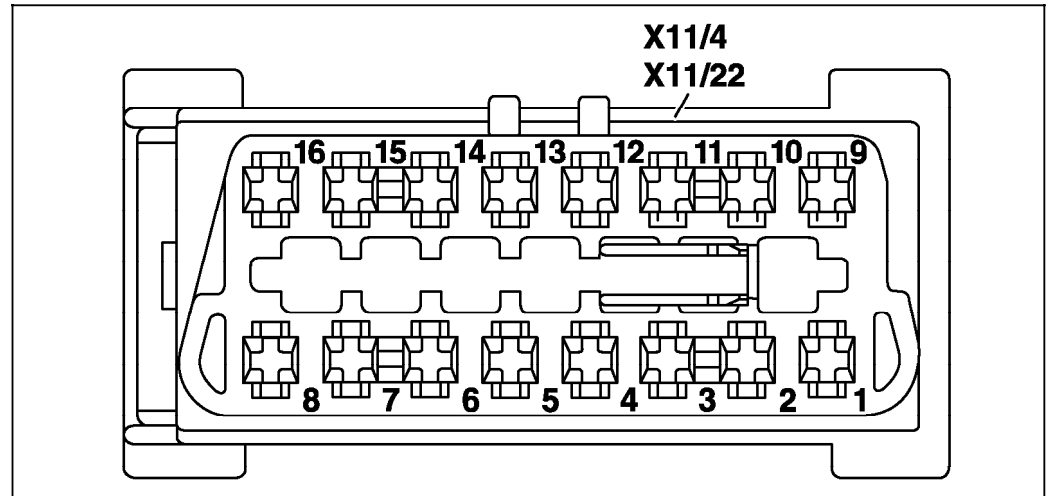
Connector Layout of Data Link Connector

16-pole Data Link Connector (X11/22)

Model 163

X11/22

1	Not used
2	Not used
3	TNA-signal (gasoline)
4	Circuit 31, Ground
5	Circuit 31 (electronic ground)
6	CAN CAN interior bus (H)
7	ME Motor electronics (ME)
8	Circuit 87, voltage supply
9	ETS Electronic Traction System (ETS), Model 163
10	Not used
11	ETC Electronic transmission control (ETC)
12	AAM All-Activity-Module (AAM)
13	AB Airbag/ETR (SRS)
14	CAN CAN interior bus (L)
15	IC Instrument cluster
16	Circuit 30, voltage supply



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