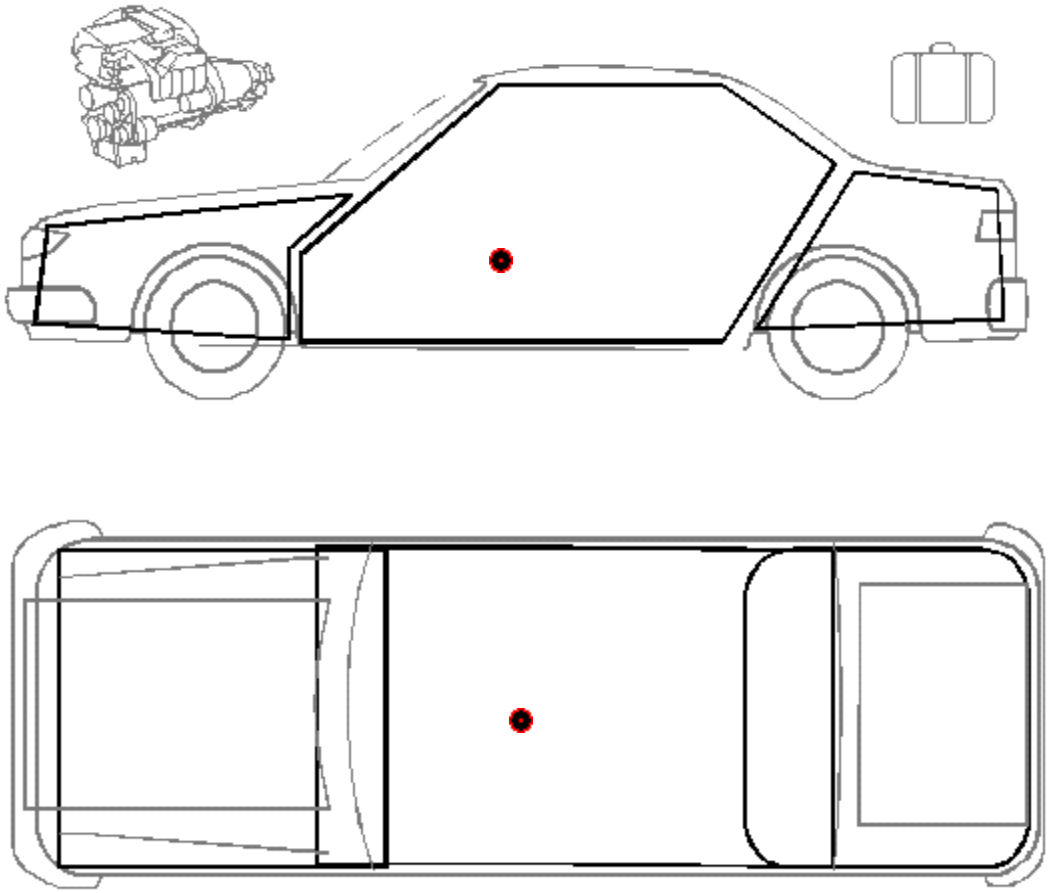
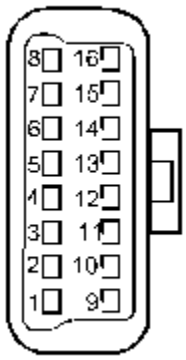
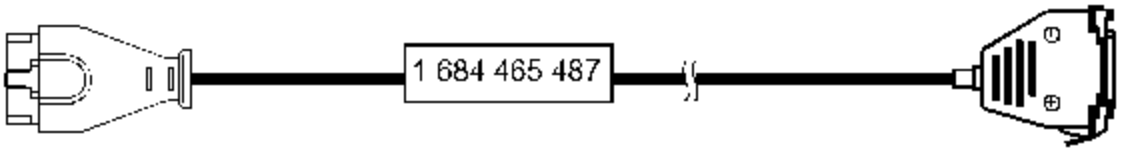
ASTRA G



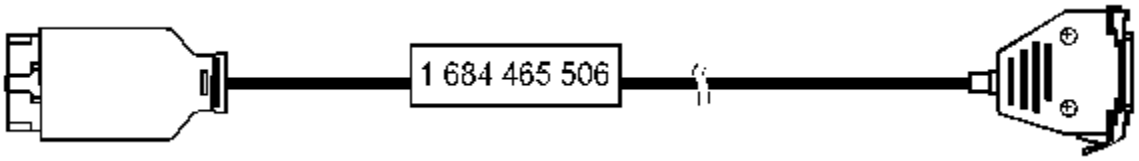
The diagnostic plug is in the center console. The cover underneath the handbrake must be removed. This cover can usually be removed only with a screwdriver or similar tool.



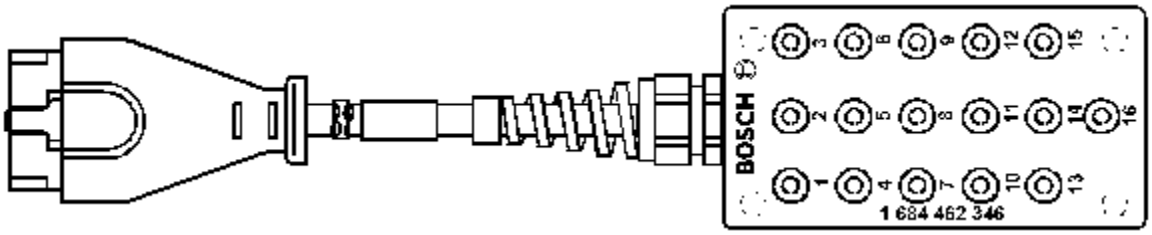
Note:
If the adaptation is performed directly with an OBD adapter lead, only those systems with a connection to pin 7 of the diagnostic plug can be tested. This is generally the engine control. In some cases, additional systems can be found. For all systems with NO connection to pin 7 of the diagnostic plug, the adaptation must be performed with an OBD adapter box and universal adapter lead or with the CARB multiplexer (KTS650/550/520 only).



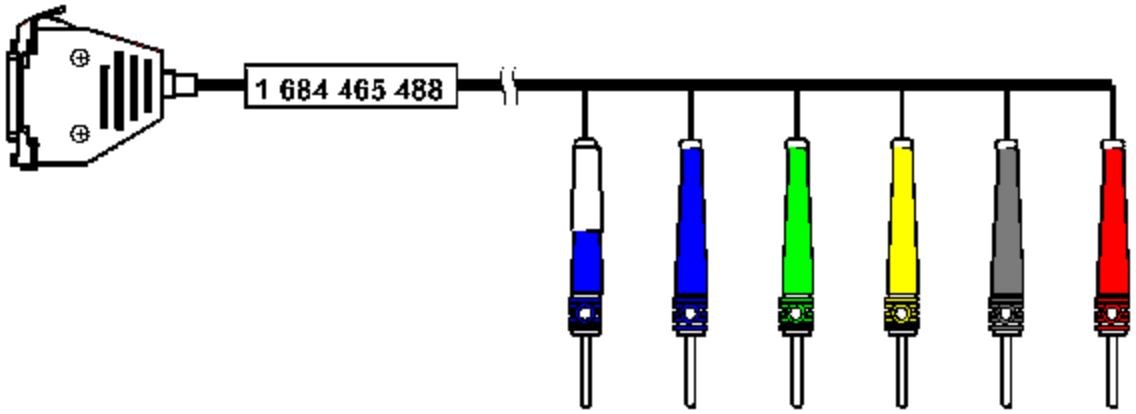
or



The CARB multiplexer enables diagnosis at various pins of the diagnostic plug without requiring re-connections.
The multiplexer can be configured via the KTS software, and the desired pin for the diagnosis can be selected using the K lead. If no user-defined setting is undertaken, diagnosis is performed via the K lead to pin 7 and L lead to pin 15.
The SAE diagnosis and that via the CAN interface are performed via the pins specified in the standards (pins 2 and 10, or 6 and 15, respectively). No configuration by the user is required in this case.
For additional information, see "Important make info" or "Important info" (F4).



and



System / CU	Bus+	Bus-	UNI2	UNI1	K	L	-	+
--	blu/grn	blu/yel	blu/wht	blue	green	yellow	black	red
Engine control	--	--			7		4/5	16
ABS	--	--			7		4/5	16
Gear control	--	--			7		4/5	16
Drive-away protection	--	--			7		4/5	16
Headlight aim control (LWR)	--	--			7		4/5	16
Radio	--	--			3		4/5	16
Navigation system	--	--			3		4/5	16
Airbag	--	--			12		4/5	16
Combi-instrument	--	--			12		4/5	16
HVAC	--	--			12		4/5	16
Central locking system	--	--			12		4/5	16
Triple Info Display (TID)	--	--			12		4/5	16
Multi Info Display (MID)	--	--			12		4/5	16
Radiator fan control unit	--	--			12		4/5	16

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