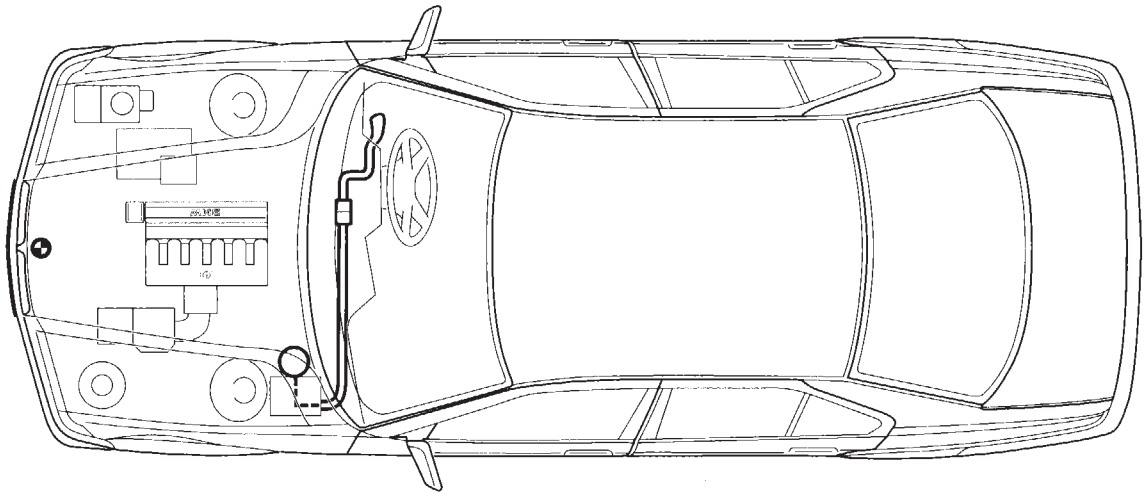
Accessories - Installation Instructions



F 36 62 119

Installation Instructions for Electronic Cruise Control
BMW 3 Series E 36 td and tds (Right-hand drive model)

Specialized knowledge is required.
Installation time: Approx. 2.0 hours - this may vary, depending on the condition of the vehicle and its fittings.

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source: www.ow.no

Remarks
When removing and installing plug-in contacts, pay attention to the locking and releasing instructions for the respective connectors.
When laying supplementary wiring harness, make sure that cables are not twisted or crushed.

Tools and Materials Required
Regular screwdriver
Phillips screwdriver
Torx key T 10
Press-out tool for electric contacts
Pad saw
Round file

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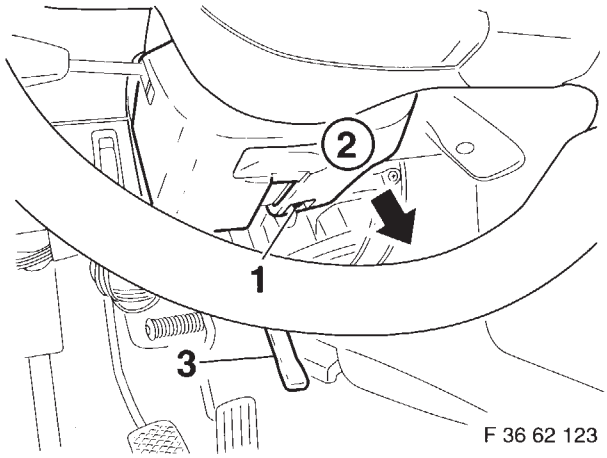
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1. Necessary Preliminary Work

1. Print out fault memory.
2. Disconnect battery.
3. Remove footwell panelling at bottom on driver's side.
4. Remove glove compartment.
5. Remove footwell cover at bottom left on passenger side.

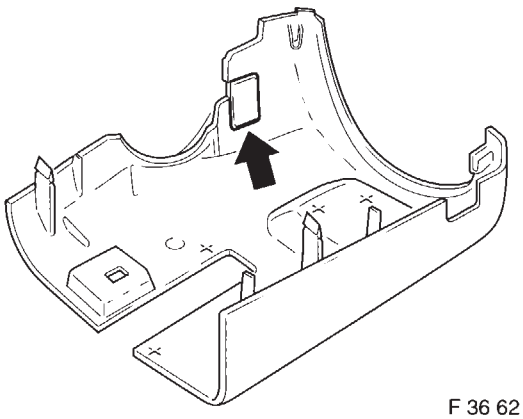
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2. Installing Switch for Cruise Control

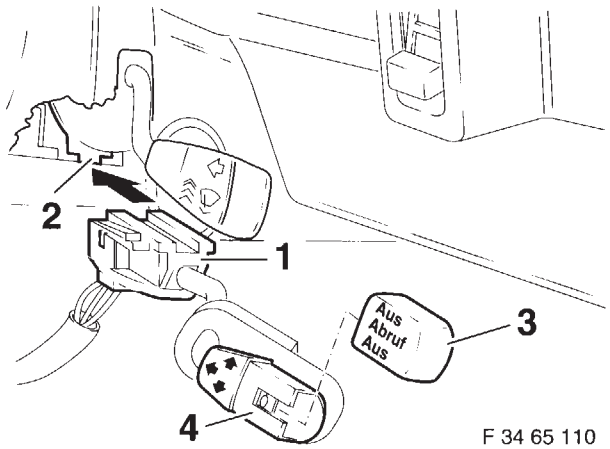


F 36 62 123

Release lever (3) for steering column adjustment. Remove Phillips screw (1) and remove lower part of steering column panelling (2) from below in direction of arrow.

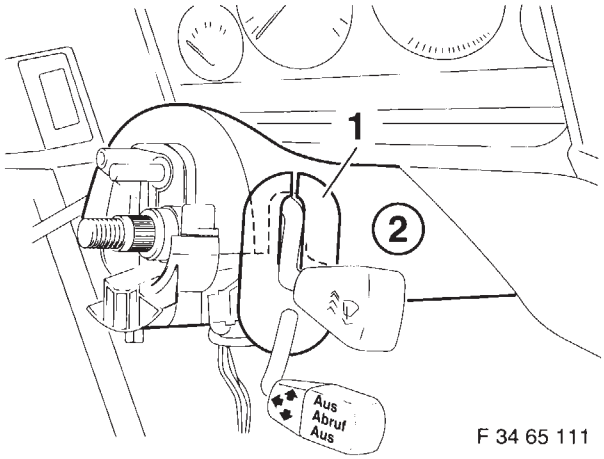

F 36 62 108

Cut out prestamped area (arrow) in lower steering column panelling.



F 34 65 110

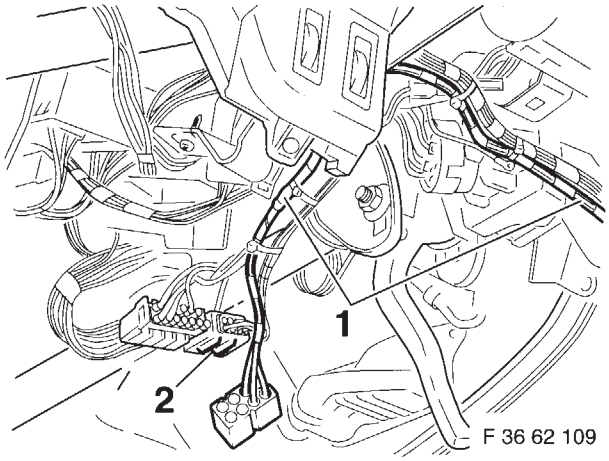
Insert switch (1) in direction indicated by arrow into guide (2) of steering column until lock snaps into place.
Install control button (3) on control lever (4).



F 34 65 111

Push foam and cover (1) behind steering column panelling (2) as shown.

Note
In the illustration, the steering wheel has been removed for reasons of clarity.



F 36 62 109

Lay wiring harness of control switch (1) along main wiring harness up to plug-in station (2) below steering column.

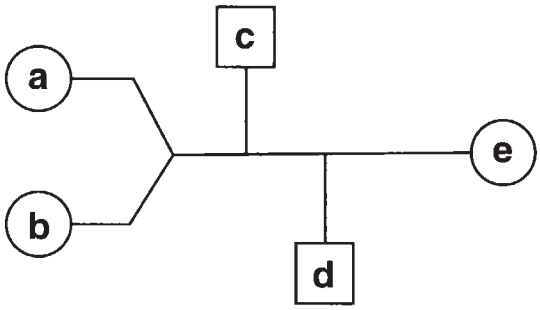
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3. Installing Supplementary Wiring Harness

Supplementary wiring harness - Overview

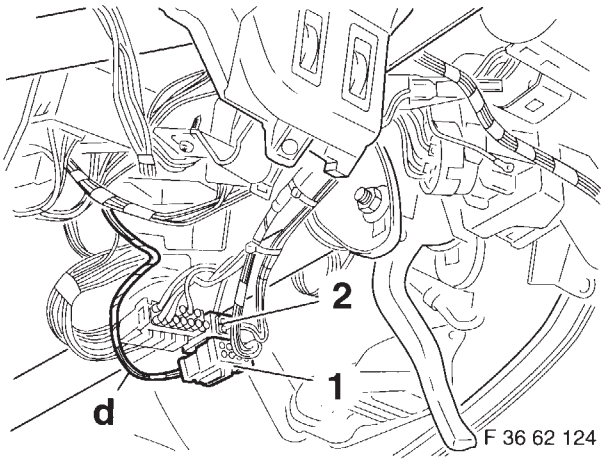
Colour codes

gn = green
br = brown



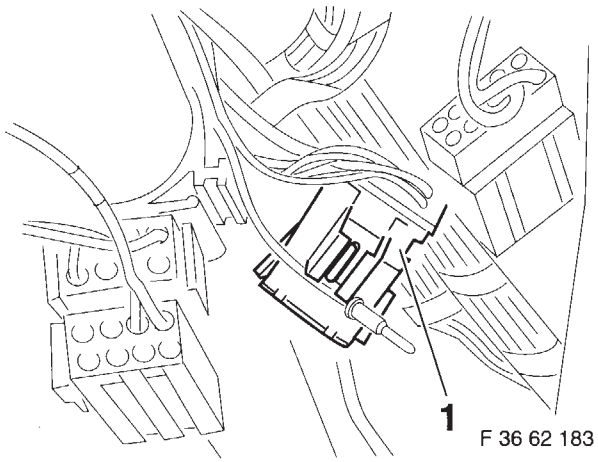
F 36 62 180

Item	Connection location	Cable colour	Plug-in stat.
a	Engine connector X69, engine compartment, rear left	br/gn	3
b	Engine connector X69, engine compartment, rear left	gn	2
c	Install fan connector in distribution box	br/gn	
d	Connector X72, on plug-in station below dashboard Connection for control switch for cruise control system		
e	Connector for pedal-travel sensor X73, below instrument panel	br/gn	8



F 36 62 124

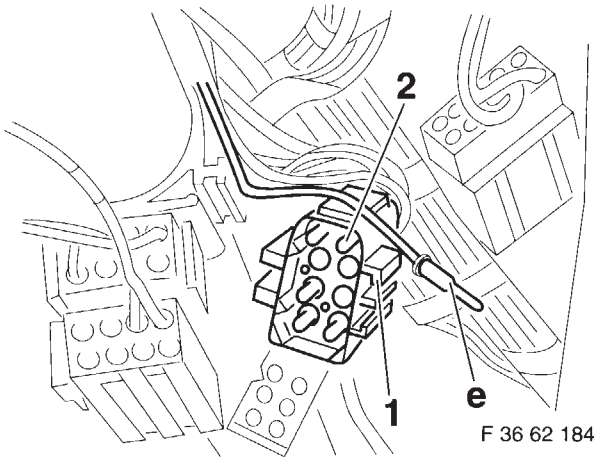
Lay branch **d** of supplementary wiring harness to plug-in station on steering column and connect to connector X72 (1) of cruise control switch S28. Insert connector X72 (1) in plug-in station (2).



F 36 62 183

Lay branch **e** (cable colour: brown/green) from supplementary wiring harness to connector X73 (1) of pedal-travel sensor R10.

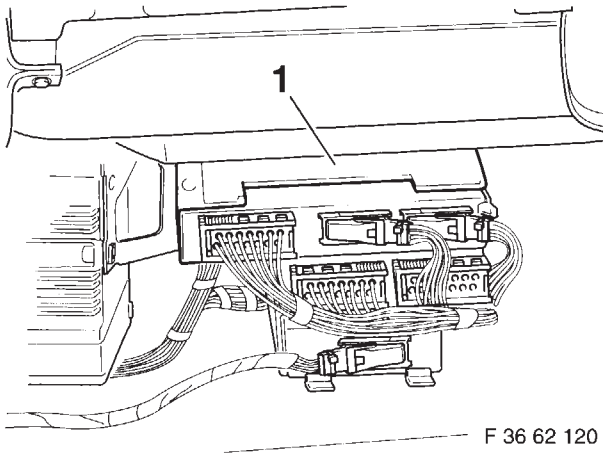
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F 36 62 184

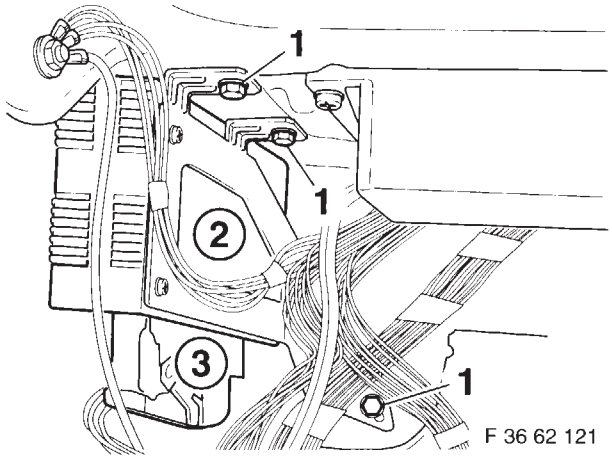
Disconnect connector X73 (1) from pedal-travel sensor R10.
Release plug-in contacts.
Remove contact (2) from plug-in station **8** (cable colour: brown/green) of connector X73 (1), insulate and tie back. Install connector **e** (cable colour: brown/green) of supplementary wiring harness on plug-in station **8**.
Again lock plug-in contacts and again connect connector X73 (1) with connector of pedal-travel sensor.

Note on Installation
Assembly is in reverse sequence to removal.



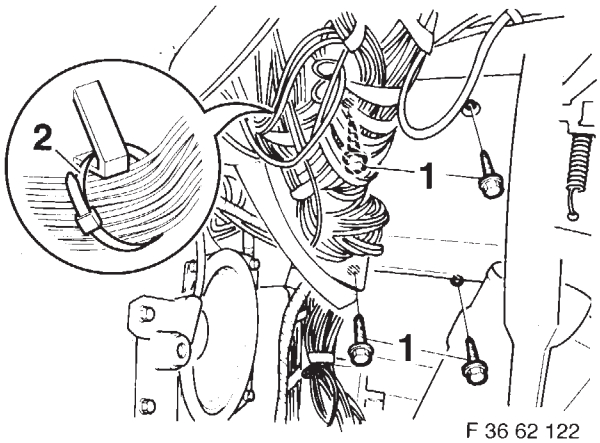
F 36 62 120

Remove control unit holder (1).



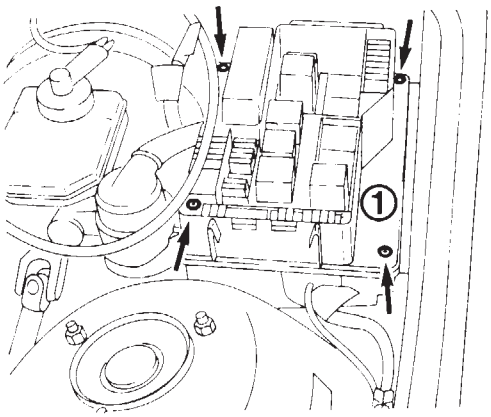
F 36 62 121

Remove hexagon screws (1) and take out ABS control unit (2) complete with holder.
Disconnect control unit connector (3).



F 36 62 122

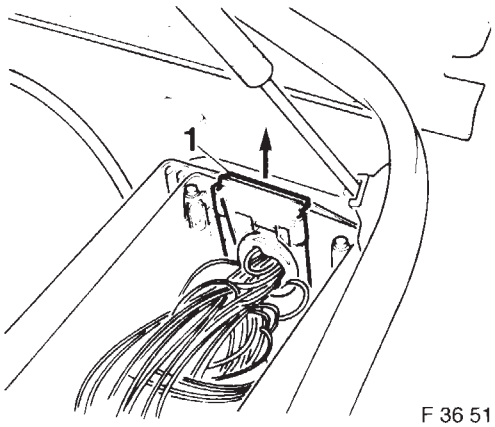
Remove hexagon sheet-metal screws (1).
Carefully open cable strap (2) without damaging cables.



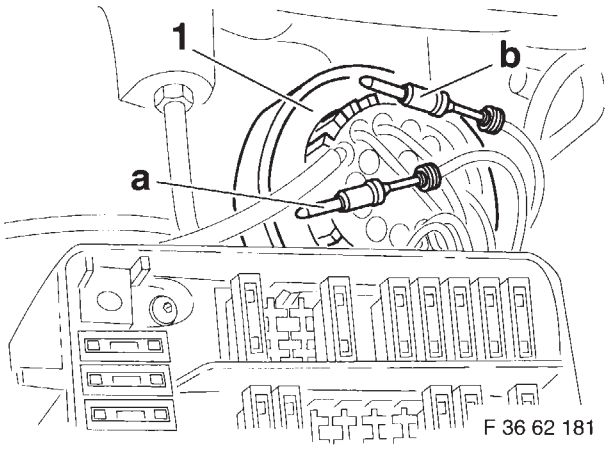
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Pull distribution box forward as far as possible and remove cover. Remove Torx screws (arrows). Lift up upper section (1) of distribution box as far as the vehicle wiring harness allows.

source: www.ow.no



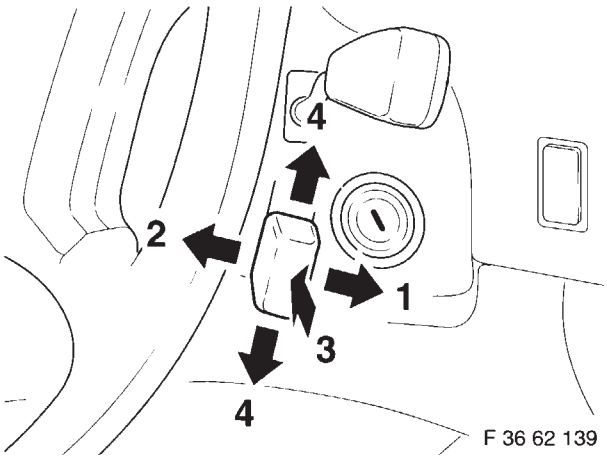
Remove guide (1) of vehicle wiring harness in direction of arrow.
Pass supplementary wiring harness along main wiring harness to passenger side. Open fan connector branch **c** and remove cables.
Pass branches **a**, **b** and **c** through opening into distribution box.
Reassemble fan connector and insert in distribution box.
Lay branches **a** and **b** through side grommet to engine connector X69.



Remove engine connector X69 from holder on distribution box.
Release plug-in contacts.
Remove contact from plug-in station **3** (cable colour: brown/green) of engine connector lower section X69 (1), insulate and tie back. Install connector **a** (cable colour: brown/green) of supplementary wiring harness on plug-in station **3**.
Install connector **b** (cable colour: green) of supplementary wiring harness on connection **2**.

Again lock plug-in contacts.
Reassemble engine connector I/X69 and install in holder on distribution box.

4. Operation



A desired speed from approx. 40 km/h can be maintained and stored automatically. When the engine is turned off, the stored speed is erased.

1 ACCELERATION
Tap lever towards position 1:
The current speed is maintained and stored. Each further touching of the lever increases speed by approx. 1 km/h.

Press lever to position 1:
The vehicle accelerates without operation of accelerator pedal. When lever is released, the speed reached is maintained and stored.

2 DECELERATION
Tap lever towards position 2:
The current speed is maintained and stored. Each further touching of the lever decreases speed by approx. 1 km/h.

Pull lever to position 2:
The vehicle decelerates through automatic fuel cutout. When lever is released, the speed reached is maintained and stored.

3 RESUMING
Tap lever to position 3:
The last stored speed is again reached and maintained.

4 OFF
Tap lever towards position 4:
The speed control is switched off independently of operating or traffic situations.
Furthermore, the speed control switches off automatically:
- After the set speed is exceeded by approx. 16 km/h.
- After speed drops below set speed by 8 km/h.
- If brakes or clutch are operated or if automatic transmission selector is moved from D to N.

source: www.ow.no

Important
Do not use the automatic speed control on winding roads, if heavy traffic does not allow constant speed, the road surface is slippery (snow, rain, ice) or the subbase is loose (stones, sand).

source: www.ow.no