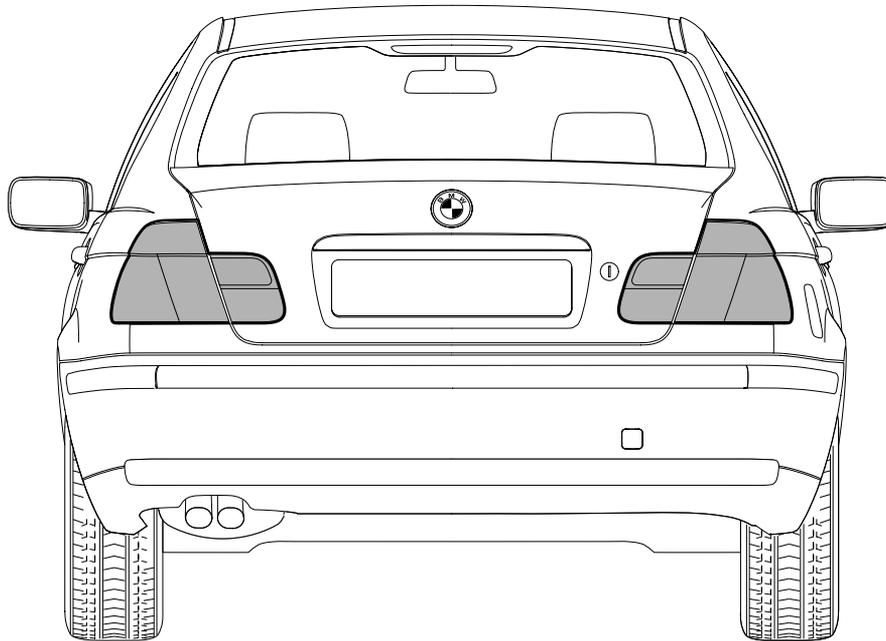




Parts and Accessories Installation Instructions



046 0292 Z

Facelift tail lights retrofit kit BMW 3 Series Saloon (E46/4) LHD and RHD Models up to 09/2001

Installation time: approx. 2.5 hours

The installation time may vary depending on condition of the car and the equipment in it.

Retrofit/Installation kit No. 63 21 0 140 252
 63 21 0 140 253

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Important information

The retrofit kit is for use within the BMW dealership organisation only.

Do not kink or damage the cables during the installation work since otherwise they may cause faults that can later only be identified by extensive additional work. The costs incurred as a result of this will not be reimbursed by BMW.

If the specified PIN chambers are already occupied, bridges, double crimps or twin-lead terminals must be used.

Note on national versions

These installation instructions describe the installation work for LHD cars. On RHD cars some work must be completed the opposite way round.

Coding instructions

This retrofit kit requires coding and must be coded with DIS or MoDiC after the installation work has been completed.

Target group

The target group for these installation instructions is specialist personnel trained on BMW cars with specialist knowledge of vehicle electrical systems.

Work:

All servicing, repair and installation work on BMW cars is completed at your own risk.

All work is to be carried out using current BMW

- Repair manuals
- Circuit diagrams

in a rational order using the prescribed tools (special tools) and observing current health and safety regulations.

Required tools and equipment

Set of Philips screwdrivers

Torch

1/4 inch reversible ratchet set

Angle cutter

Set of flat screwdrivers

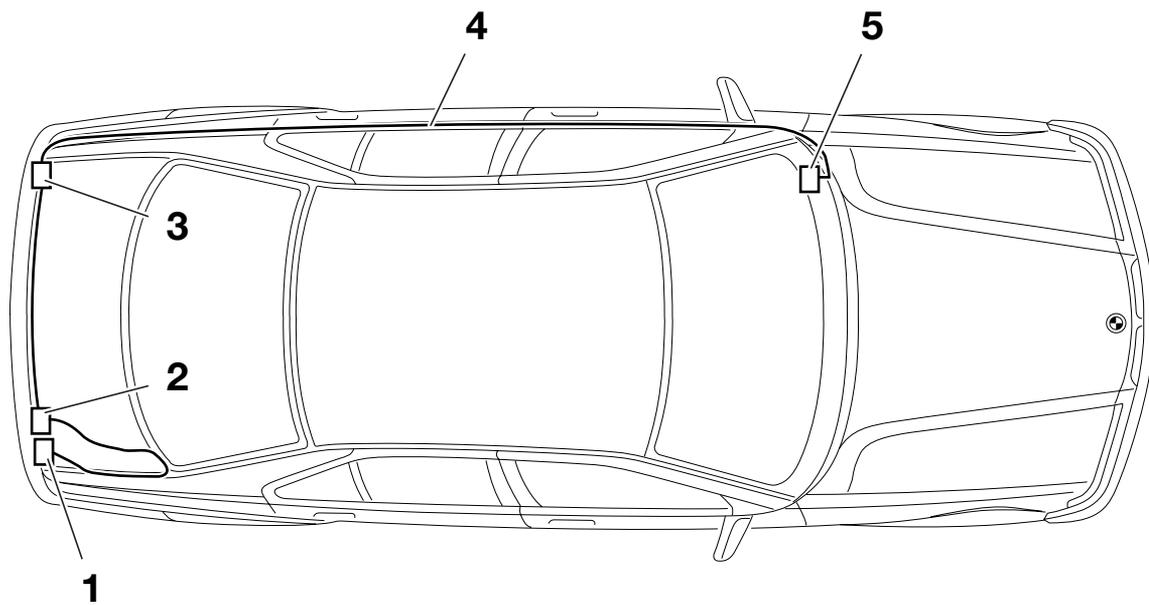
Set of open-ended/ring spanners

DIS or MoDiC

1. Preparations

	TIS instruction No.
Conduct a brief test	
Disconnect the negative pole of the battery	12 00 ...
The following components must be removed first of all:	
Boot lid trim	51 49 000
Door sill strip from the front left (interior)	51 47 000
Door sill strip from the rear left (interior)	51 47 030
Trim at the bottom left of the door pillar	51 43 150
Pedal trim	51 45 185
Light switch centre	61 31 033
Replace (both) exterior tail lights	63 21 180
Replace (both) interior tail lights	63 21 180
Rear seat	52 24 005
Boot floor trim	51 47 101
Boot closing panel trim	51 46 050

2. Installation and cabling diagram



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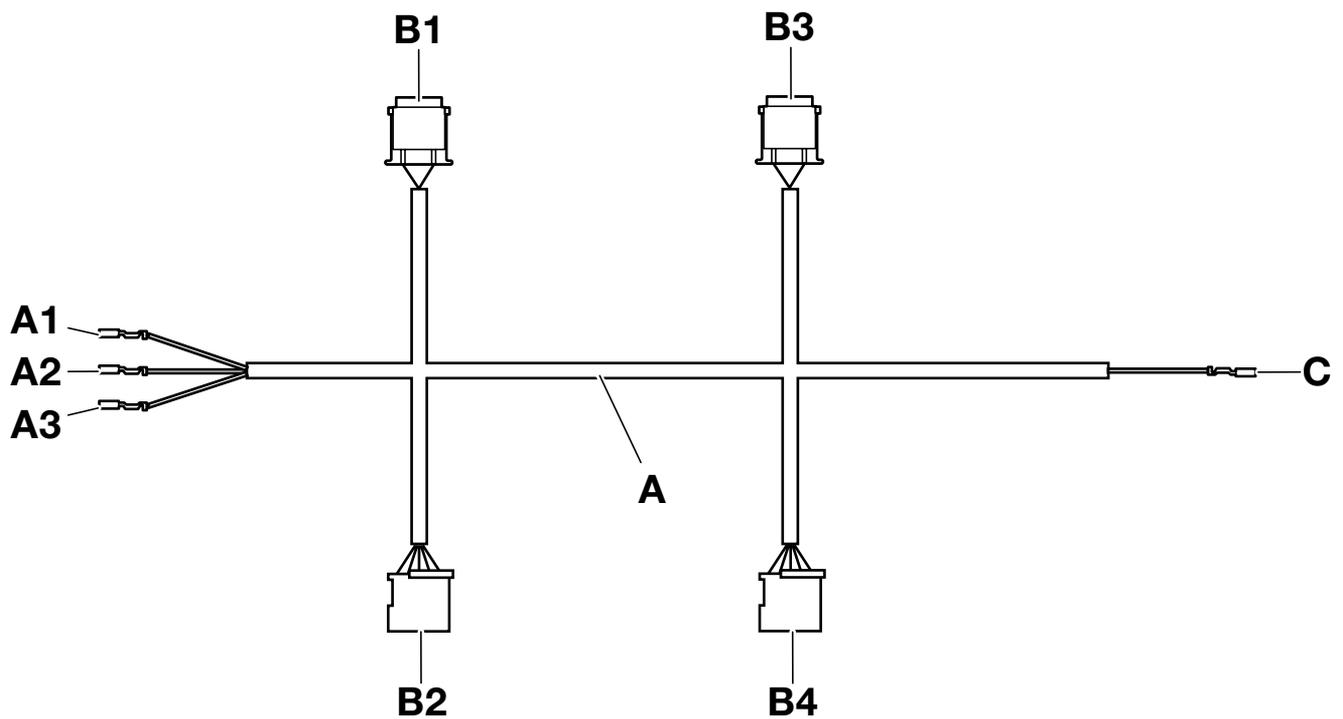
Legend

- 1 Right tail lights
- 2 Right interior tail light connection
- 3 Left tail lights
- 4 Facelift wiring harness
- 5 Light switch centre



In RHD cars the wiring harness is laid along the right-hand side of the car.
The connection (in this case item 2) is then made to the left, interior tail light. ◀

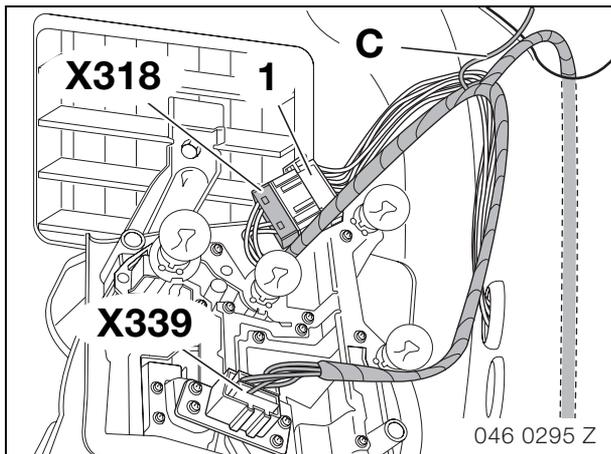
3. Facelift wiring harness connection overview



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Item	Description	Signal	Cable colour / Cross-section	Connection location in the car	Abbreviation / Slot
A	Wiring harness	---	---	---	---
A1	Socket contact	Terminal 58 RL	GR/GN, 0.5 mm ²	On light switch centre, 54-pin black plug	X12, PIN 20
A2	Socket contact	Terminal 58 RR	GR/BL, 0.5 mm ²	On light switch centre, 54-pin black plug	X12, PIN 38
A3	Socket contact	Terminal 55 RR/RL	GE/VI, 0.5 mm ²	On light switch centre, 54-pin black plug	X12, PIN 29
B1	Plug casing	---	---	To the existing plug on the left tail light	X319
B2	Plug casing	---	---	To the new left tail light E46	X338
B3	Plug casing	---	---	To the existing plug on the right tail light	X318
B4	Plug casing	---	---	To the new right tail light E47	X339
C	Socket contact	Terminal 55 RR	GE/VI, 0.5 mm ²	LHD To the right, interior tail light E17	X328, PIN 3
C	Socket contact	Terminal 55 RL	GE/VI, 0.5 mm ²	RHD To the left, interior tail light E16	X329, PIN 3

4. To install and connect the Facelift wiring harness

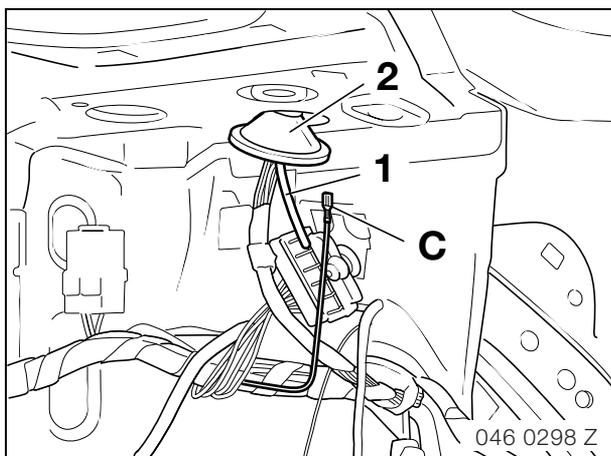


Right tail light

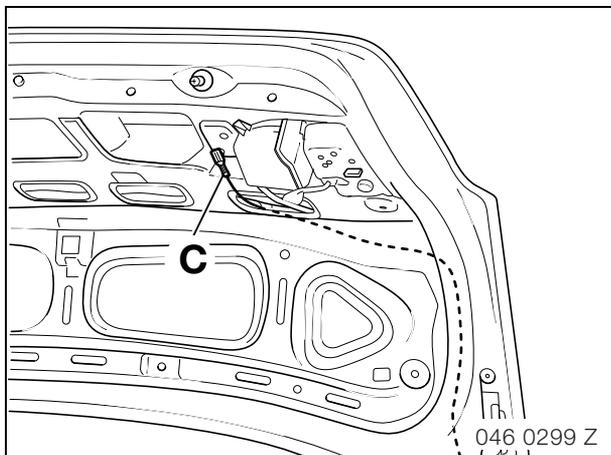
Connect plug **X318** to the existing plug (1) on the tail light.

Connect plug **X339** to the lamp holder.

Lay branch **C**, yellow/violet cable, along the standard wiring harness to the right-hand hinge on the boot lid.



Lay branch **C**, yellow/violet cable, through the grommet (2) into the boot lid using a wire (1).

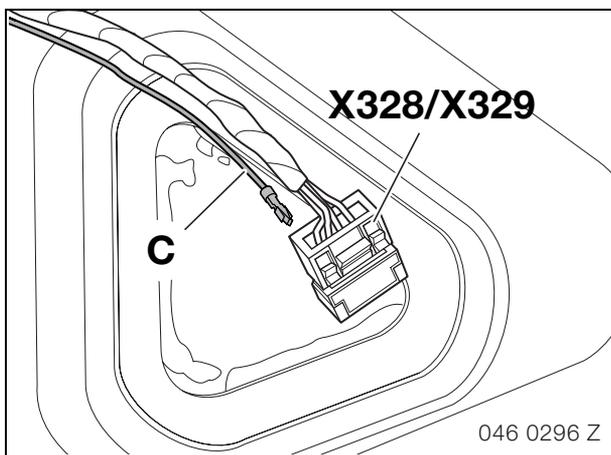


LHD cars

Lay branch **C** to the right interior tail light.

RHD cars

Lay branch **C** to the left interior tail light.



LHD cars

Disconnect plug **X328** from the right interior tail light.

Release plug **X328**.

Connect branch **C**, yellow/violet cable, to PIN 3. Lock and reconnect plug **X328**.

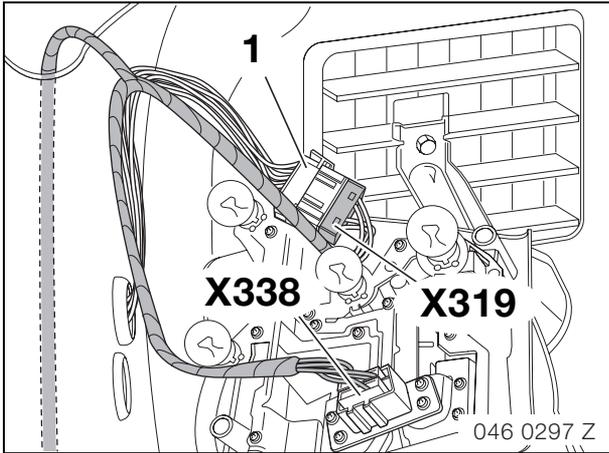
RHD cars

Disconnect plug **X329** from the left interior tail light.

Release plug **X329**.

Connect branch **C**, yellow/violet cable, to PIN 3. Lock and reconnect plug **X329**.

4. To install and connect the Facelift wiring harness

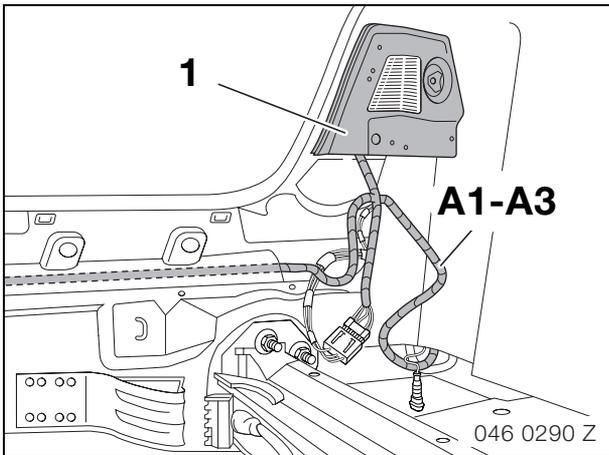


Lay the Facelift wiring harness behind the boot closing panel to the left-hand side of the car.

Left tail light

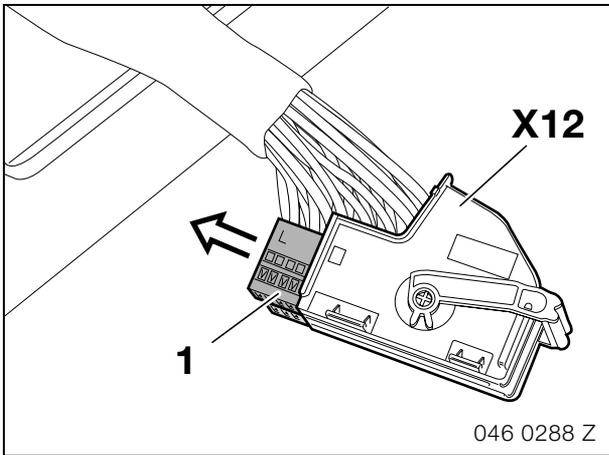
Connect plug **X319** to the existing plug (1) on the tail light.

Connect plug **X338** to the lamp holder.



Install the lamp holders (1) on the left and right.

Lay branches **A1-A3** along the standard wiring harness on the side skirt to the light switch centre.



Release plug **X12** on the light switch centre and pull out the plug strips (1).

Reconnect the following cables:

Do not confuse PIN 29, grey/yellow cable, with PIN 28, grey/yellow cable. ◀

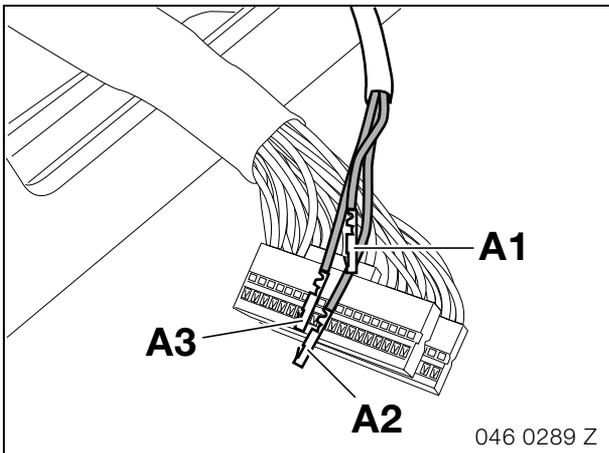
Connect PIN 29, grey/yellow cable, to PIN 37

Replace PIN 30, grey/violet cable, with PIN 49, yellow/black cable.

Connect branches **A1**, **A2** and **A3** to the plug strip as follows:

- A1**, grey/green cable, to PIN 20
- A2**, grey/blue cable, to PIN 38
- A3**, yellow/violet cable, to PIN 29

Assemble the plug again.



5. Concluding work/Coding

Install the light switch centre from the installation kit.

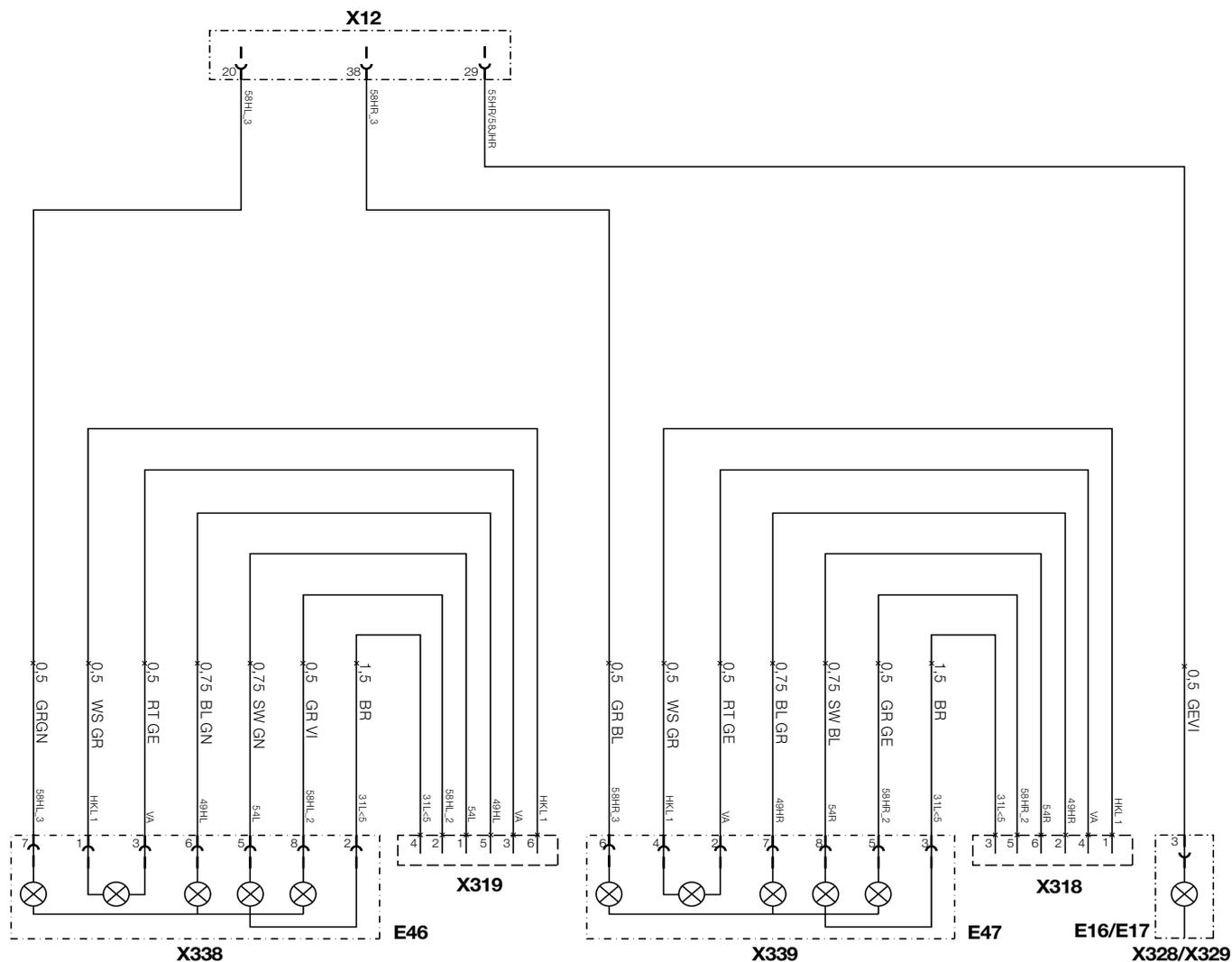


After the installation work has been completed, the system must be coded with DIS or MoDiC via the Retrofit path. ◀

Assemble the car again following the instructions to dismantle it in reverse order.

Conduct a function test on the tail lights.

6. E46 Facelift LHD and RHD circuit diagram



Legend

E46	Tail light left exterior
E47	Tail light right exterior
E16	RHD: Tail light right interior
E17	LHD: Tail light right interior

X12	Black 54-pin plug
X318	Black 6-pin plug
X319	Black 6-pin plug
X328/X329	Black 3-pin plug
X338	Black 6-pin plug
X339	Black 6-pin plug

Cable colours

RT	red
SW	black
GN	green
BR	brown
GE	yellow
BL	blue
WS	white
VI	violet
GR	grey