

## Connecting the retrofit wiring harness **WITHOUT TRAILER PREPARATION**

BMW X5 (G05), BMW X5 M (F95) BMW X6 (G06) BMW X6 M (F96) BMW X7 (G07)

### Harness description

**CAN H** should be connected to yellow/red Can wire

**CAN L** - should be connected to yellow/brown Can wire

**S** - should be connected to aux (3rd) stop light signal, black wire

**R** -should be connected to right indicator signal (front mirror) blue/yellow wire

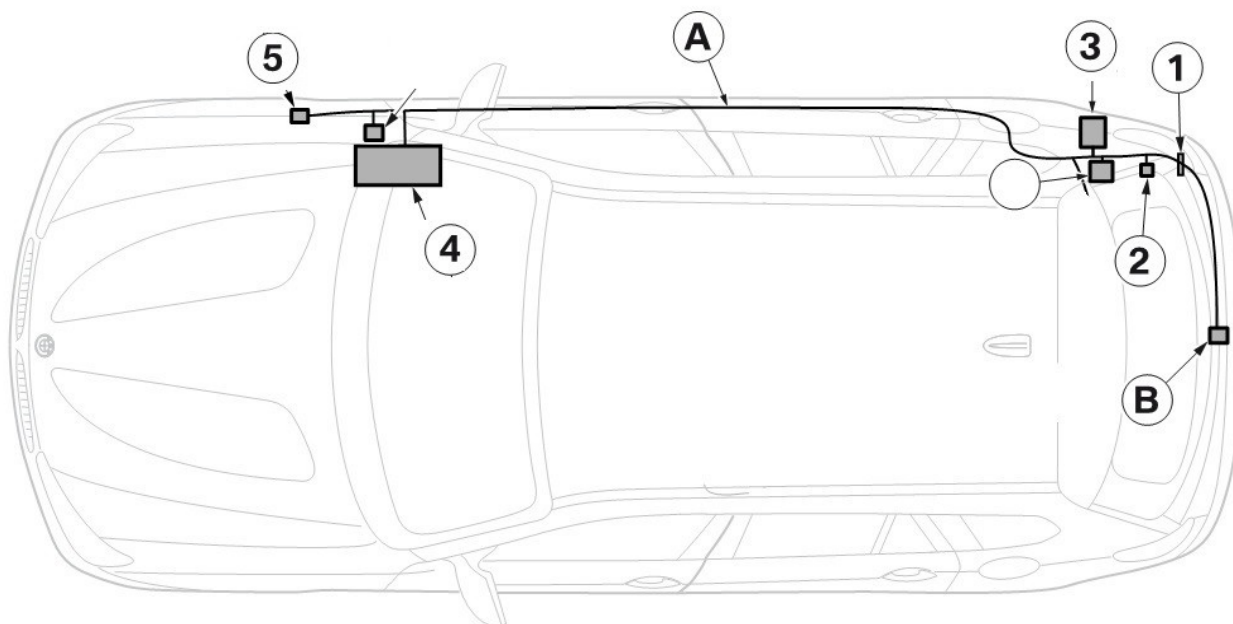
**F266** should be connected 12V fuse box (30B)

**F289** should be connected 12V fuse box (30F)

**F240** (should be connected 12V fuse box (30F)

**GND** – ground point (31)

 Vehicle display is exemplary. ◀



**A** Retrofit wiring harness

**B** Trailer socket 7 or 13pin (retrofit wiring harness)

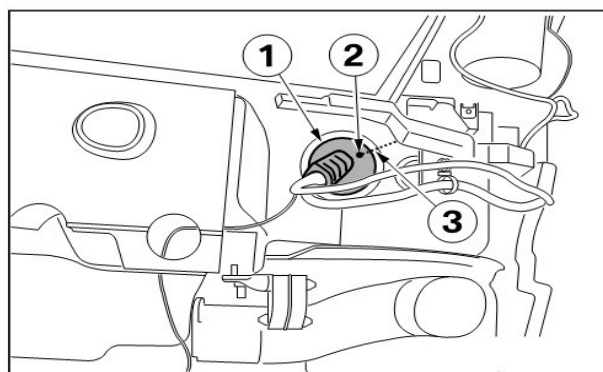
**1** Rubber grommet


**2** Ground post

**3** Rear right power distributor

**4** BDC A258 (FRM)

**5** Bus interface R2 (CAN BUS)



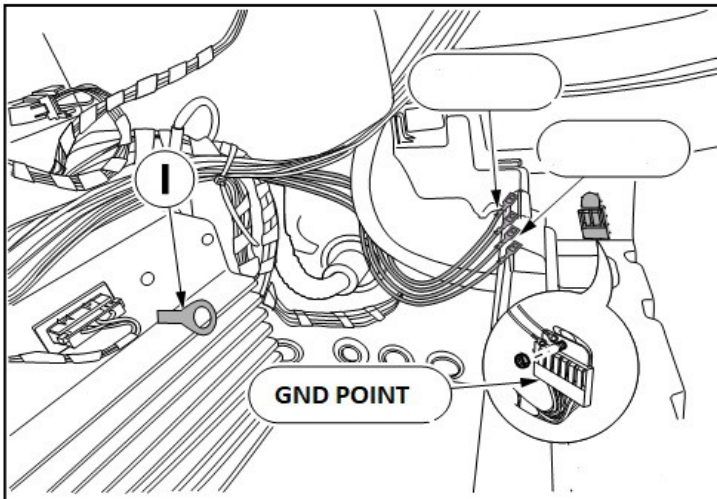
 Make sure that no cables behind drilling point are damaged when you drill the holes. ◀

Remove the rubber grommet (1).

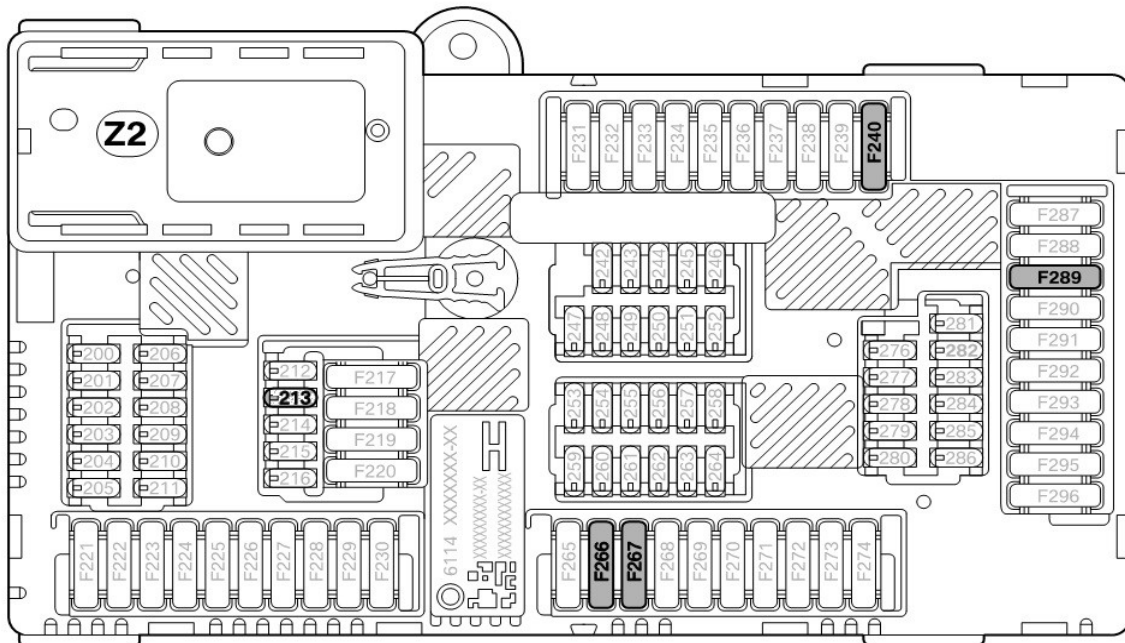
Drill a hole in the rubber grommet (1) on the embossed mark (2) with a 10 mm drill bit.

Cut the rubber grommet (1) at the cutting point (3).

Connect both branches **GND**  
Secure both ring eyelets **I** to ground support point



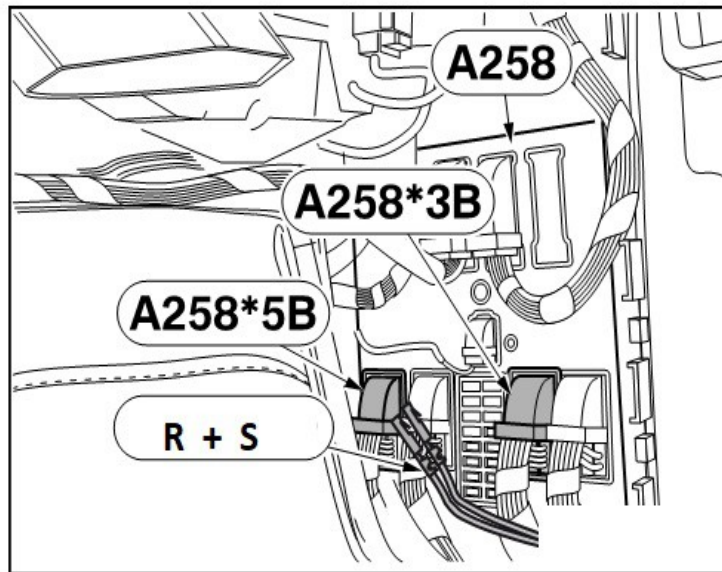
Connect branches **F266**, **F267**, **F240** to the rear right power distributor **3** as follows:



**S** - (stop light signal)      **R** -(right indicator signal)

Connect branches **S** and **R** to BDC control unit **A258** as follows:

- Branch **S**, black/red cable, to PIN 32 of plug **A258\*5B**, 42-pin socket casing
- Branch **R**, blue/yellow cable, to PIN 37 of plug **A258\*3B**, 54-pin socket housing



## CAN BUS

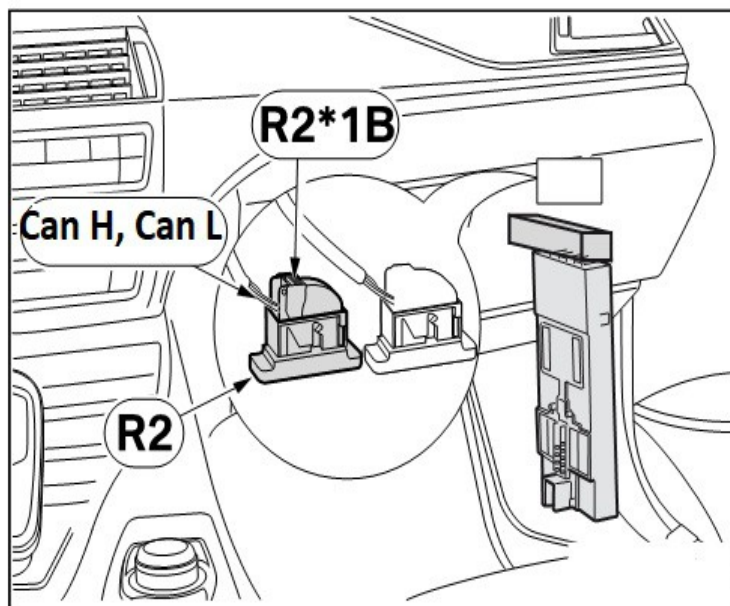
Cars with an existing R2 bus interface

Connect branches **CAN H** and **CAN L** as follows to:

plug **R2\*1B** of bus interface **R2**, 26-pin socket housing:

Branch **CAN L**, cable, to PIN 21 (yellow/brown)

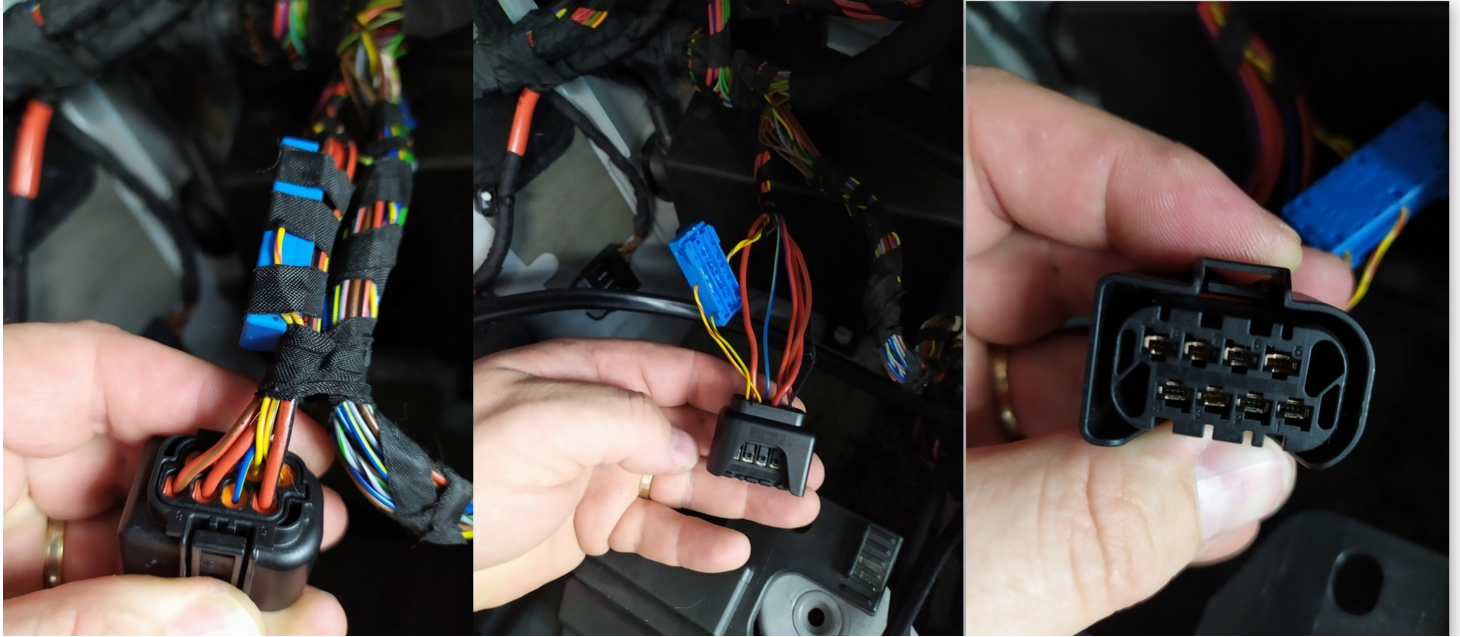
Branch **Can L**, cable, to PIN 8 (yellow/red)





## WITH TRAILER PREPARATION

If this plug exist (location in car - between point 1 and 3 - see first picture )



Connect all branches as follows to:  
Cut out plug and solder wires to

**CAN H** - pin2 (yellow/red)

**CAN L** - pin 1 (yellow/brown)

**S** - (stop light signal) - pin 4 (black)

**R** -(right indicator signal) – pin 6 (blue/yellow)

**F266 (30B)** - pin5

**F289 (30F)** - pin 8

**F240 (30F)** – pin 7

Connect both branches **GND**

Secure both ring eyelets **I** to ground support point

