

## **Ausrüstungsteile und Zubehör für Motor und Fahrgestell**

Equipment parts and accessories for engine  
and chassis

Pièces d'équipement et accessoires pour  
moteur et chassis

Equipaggiamento accessori motore e  
autotelaio

Accesorios para motor y chasis

Onderdelen en accessoires voor motor  
en chassis

Utrustningsdetaljer

## 71 Equipment and Accessories for Engine and Chassis

7160010 Trailer coupling complete with electrical connections – installing Page 71-60/1  
Circuit diagram for trailer coupling ..... 60/11

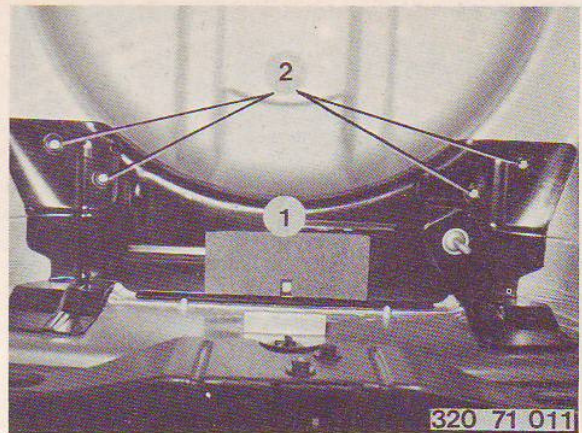


**71 60 010 Trailer coupling complete with electrical connections – installing**

Remove the spare wheel cover in the luggage compartment and take out the jack and the spare wheel.

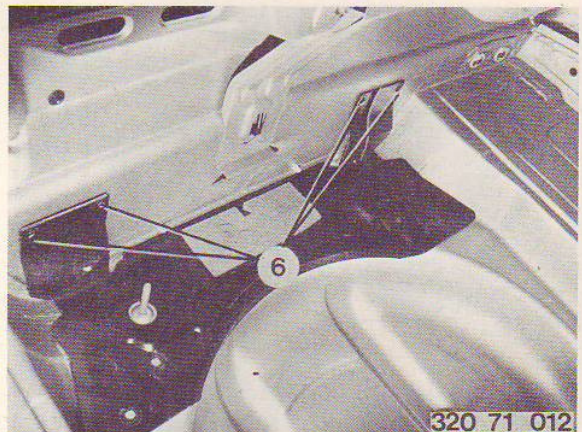
Carefully pull away the foam rubber surround for the jack.

Place the luggage compartment plate (1) in the center of the compartment. Mark the positions of the retaining holes (11 mm [0.43 in] diameter) (2) and drill through the floor.



Mark out and drill 4 holes (6) of 9 mm (0.35 in) diameter on the rear end panel.

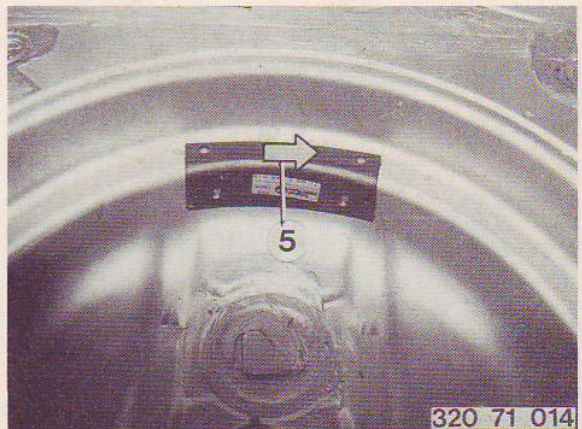
Apply zinc powder paint to the holes.



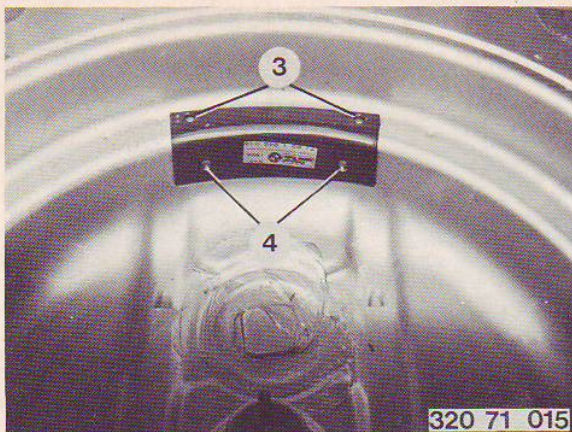
Offer up the plates to the rear end panel below the bumper and bolt lightly to the plate inside the luggage compartment. The weld nuts must face upwards.



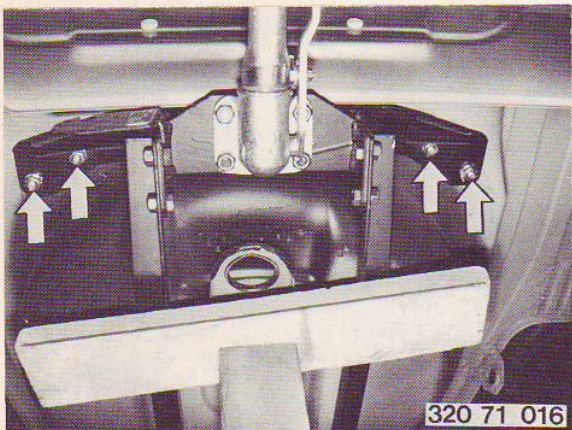
Place the front insert plate (5) against the spare wheel well, align centrally with the longitudinal swages in the spare wheel well, then shift 10 mm (0.4 in) to the right.







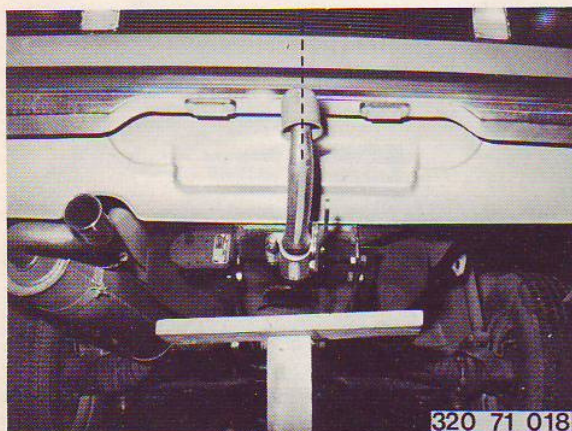
Mark the attachment holes and drill from the top:  
11 mm (0.43 in) dia. (3), and to the front: 9 mm (0.35 in) dia. (4). Apply zinc powder paint to the holes.



Offer up the trailer coupling from below to the luggage compartment floor and bolt to the plate (1) inside the compartment without finally tightening.



Bolt the trailer coupling to the front insert plate (5) without tightening.



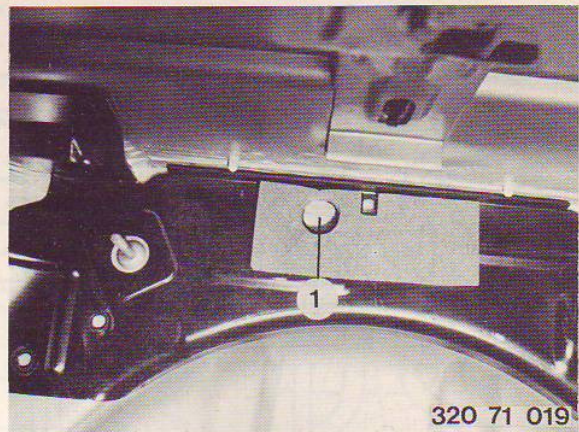
Align the trailer coupling and tighten all bolts firmly.



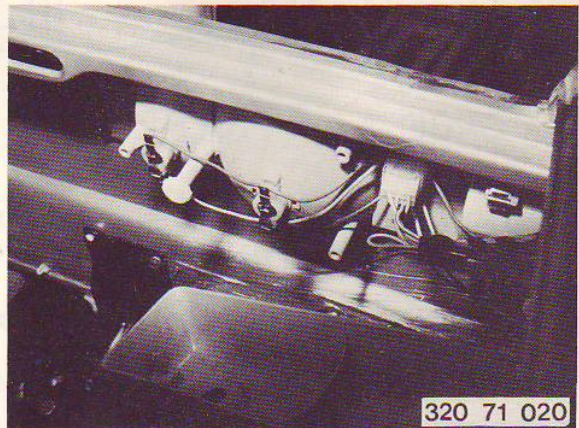
**Make the electrical connections:**

**Disconnect the negative lead at the battery. Locate the hole for the cable (1) to pass through to the socket in the foam rubber lining, and cut out.**

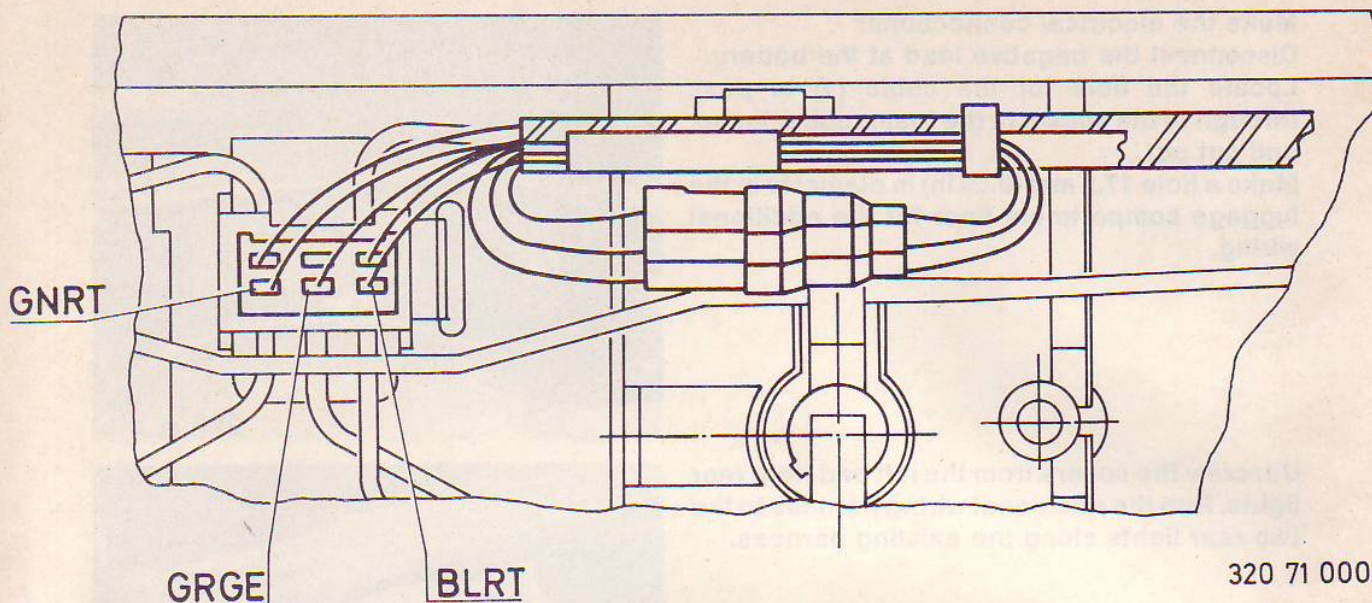
**Make a hole 17.5 mm (0.69 in) in diameter in the luggage compartment floor for the additional wiring.**



**Unscrew the covers from the left and right rear lights. Run the additional wiring harness to the two rear lights along the existing harness.**



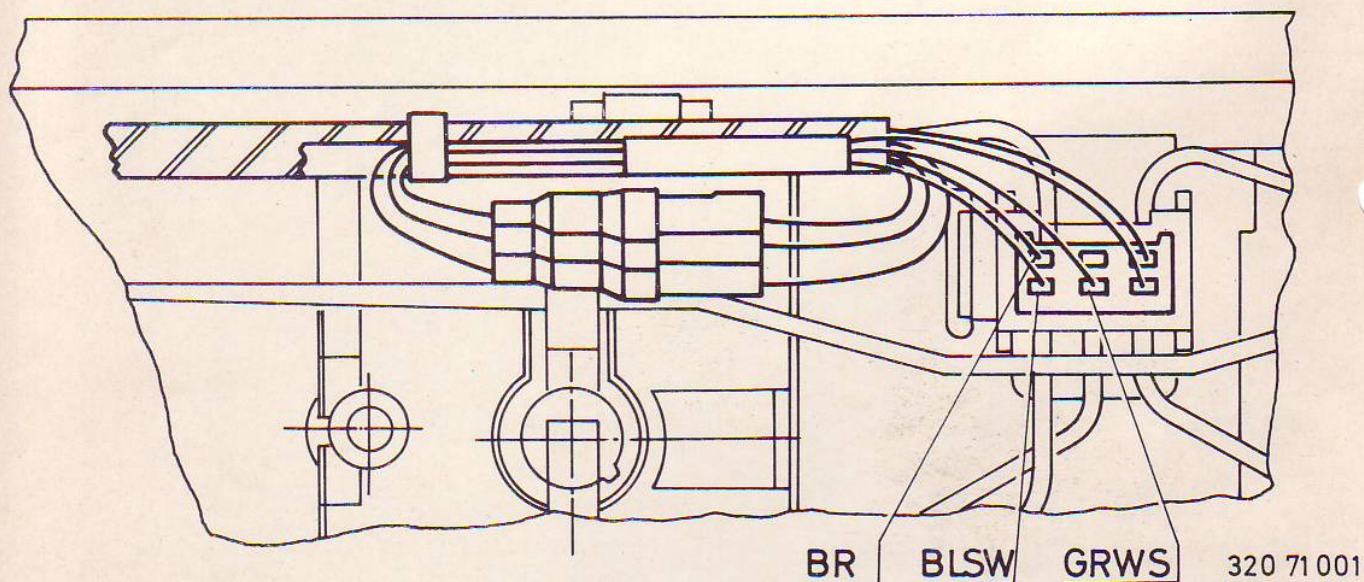




At the left rear light, pull the green/red, grey/yellow and blue/red leads out of the socket housing. Attach insulating sleeves to the three leads and connect to same colors on additional wiring harness.

Insert the leads from the additional wiring harness in the socket housing with the color codes unchanged.

**Warning:** make sure that the flat pin sockets engage properly.

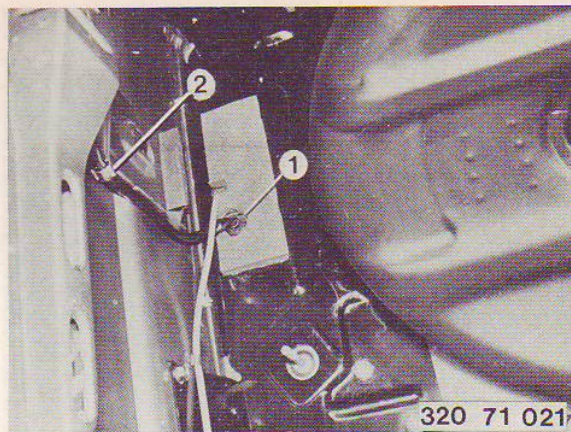


At the right rear light, pull the brown, blue/black and grey/white leads out of the socket housing. Attach insulating sleeves to the 3 leads and connect to same colors on additional wiring harness. Connect the leads of the additional wiring harness to the same colors in the socket housing.

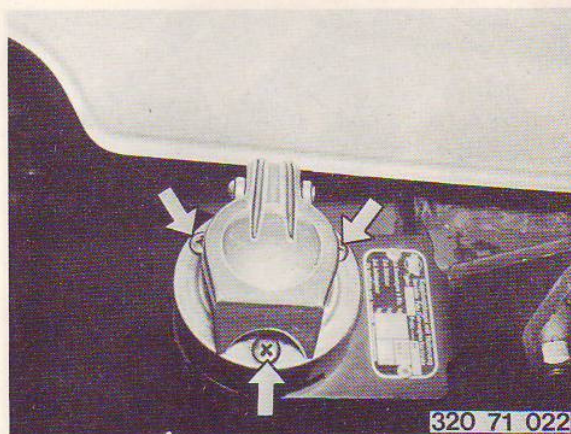
**Important:** make sure that the flat pin sockets engage properly.



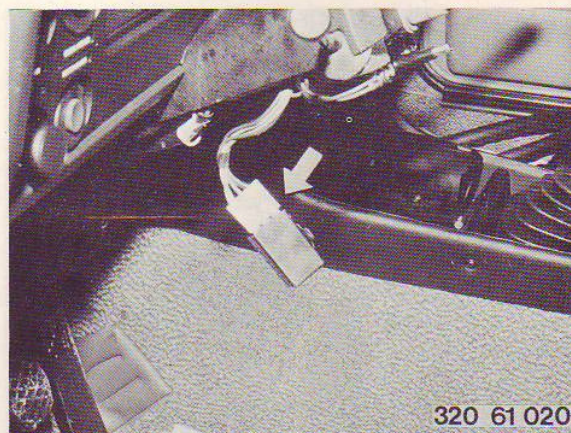
Install the rubber grommet (1) and pull the wiring harness through to the socket. Secure wiring with clip (2).



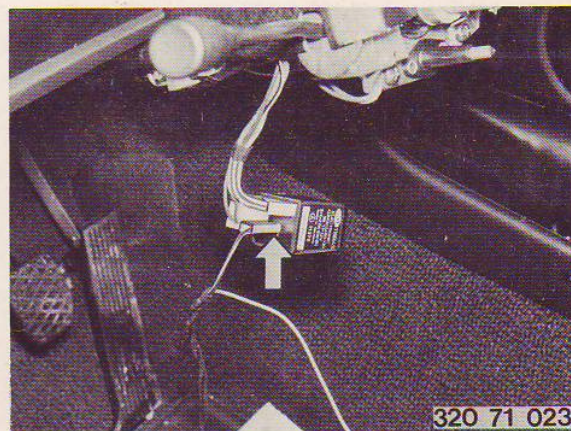
Wire up the socket as shown in the circuit diagram, and attach to trailer coupling.



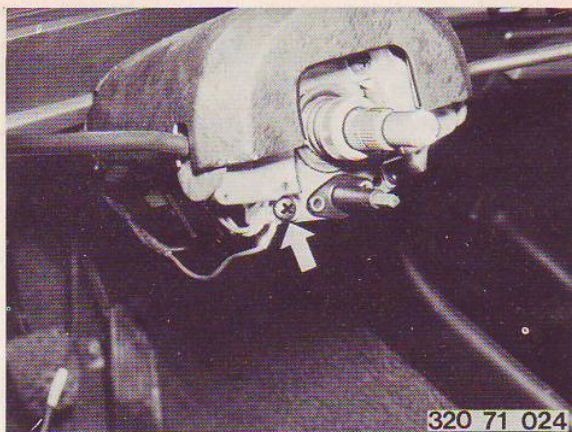
Detach and attach steering wheel – 32 33 000. Remove and install lower trim – 32 31 020. Disconnect hazard warning flasher relay and pull off plug.



Connect the additional lead for the trailer turn indicator repeater – from the hazard warning flasher installation kit – and the existing plug to terminal C 2.







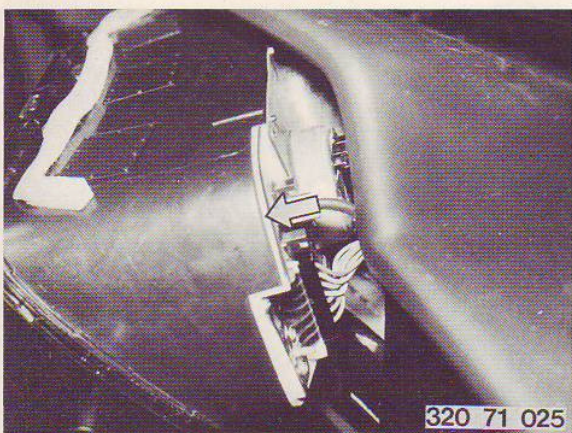
Re-attach the hazard warning flasher relay and connect the earth (ground) lead to the earthing (grounding) point at the turn indicator switch.

320 71 024



Unscrew the knurled nut and the speedometer shaft.  
Pull out the instrument carrier.

316 62 025



Install bulb in holder and insert into free panel on instrument carrier.

320 71 025



**Checking operation:**

Make quite sure that the connections at the trailer plug agree those in the socket.

Attach the trailer and check operation of the trailer lights.

**Trailer coupling with detachable head:**

When driving without a trailer the head must be detached.

**Trailer coupling with fixed head:**

To suit vehicle legislation, the license plate and license-plate lighting must be re-positioned.

Renew center section of rear bumper – 51 12 011.

(The center section of the bumper is not included in the kit and must be ordered separately.)

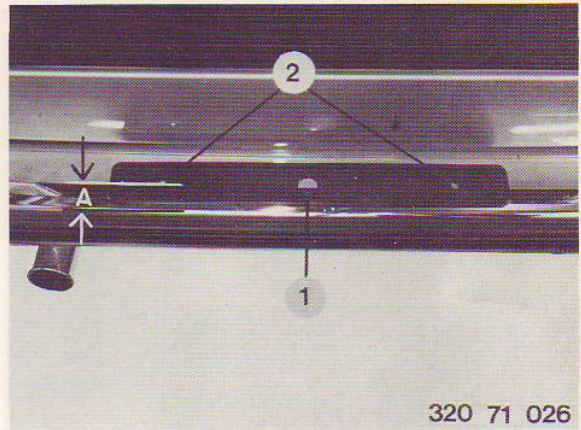
Align the rubber underlay centrally and mark the holes.

Drill the holes.

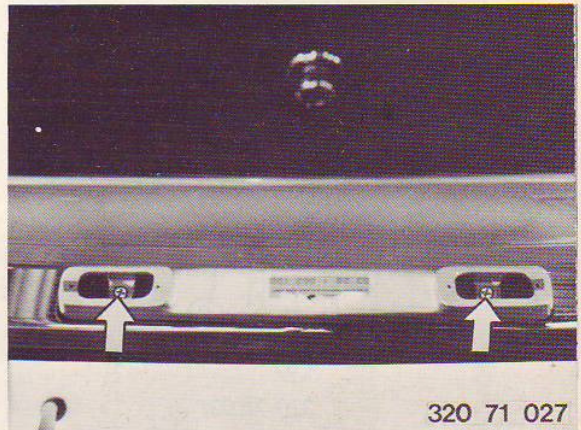
Distance A = 30 mm (1.18 in).

Hole (1) = 10 mm (0.39 in) diameter

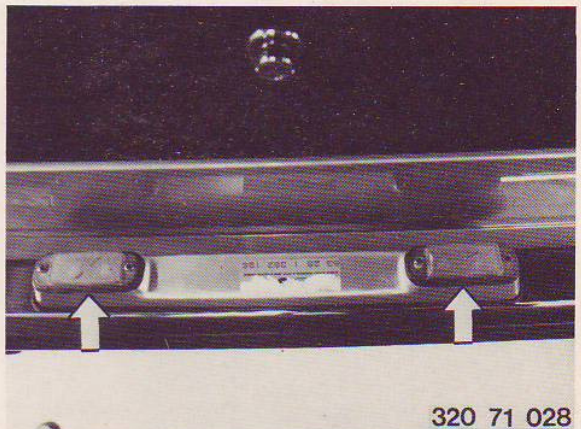
Holes (2) = 6 mm (0.24 in) diameter



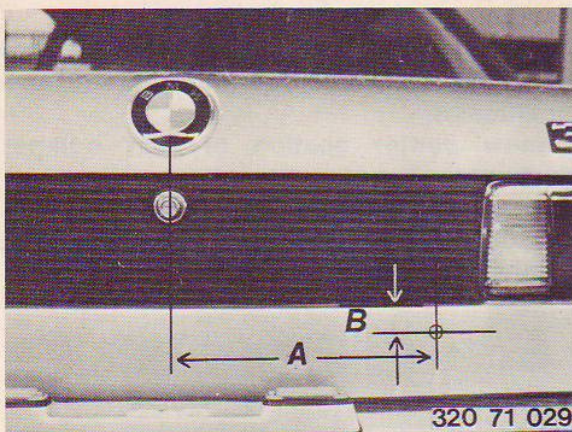
Install rubber grommet in hole, pull cable through and run to left and right.  
Secure holders with screws.



Install light housings at left and right, connect to cables and screw on glasses with seals.





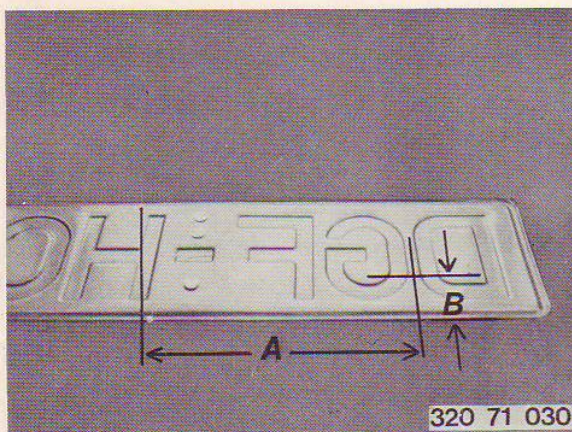


Drill holes at right and left for license plate underlay.

Distance A = 172 mm (6.77 in)

Distance B = 9 mm (0.35 in)

Hole diameter = 7 mm (0.275 in)

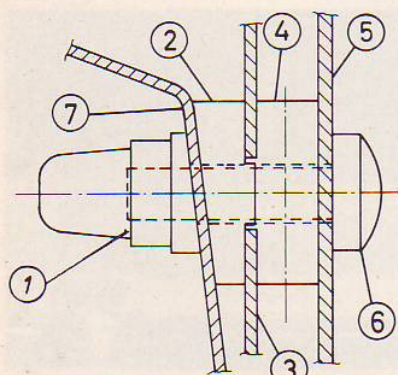


Detach existing license plate and plug holes with cap plugs.

Drill new holes in license plate.

Distance A = 172 mm (6.77 in) from center of license plate

Distance B = 37 mm (1.46 in)



Attach underlay and license plate.

① = Cap nut

② = Wedge-shaped underlay

③ = Underlay plate

④ = Rubber disc

⑤ = License plate

⑥ = Screw covers

⑦ = Rear end panel



Color codes:  
BL = blue  
BR = brown  
GY = grey  
GR = green  
KY = yellow  
LT = light  
MT = metal  
NT = not  
WT = white

1 = Turn indicator right  
2 = Parking light right  
3 = Parking light left  
4 = Turn indicator left  
5 = Ignition-starter switch  
6 = Brake light switch  
7 = Tail-lamp indicator repeater  
8 = Battery  
9 = Low beam indicator repeater  
10 = Hazard warning flasher relay  
11 = Hazard warning flasher switch  
12 = Turn indicator switch  
13 = Light switch  
14 = Forward turn light coupling  
15 = Rear light right  
16 = Rear light left

**Circuit diagram – trailer coupling**





## Key to circuit diagram

- ① = Turn indicator, right
- ② = Parking light, right
- ③ = Parking light, left
- ④ = Turn indicator, left
- ⑤ = Ignition-starter switch
- ⑥ = Brake light switch
- ⑦ = Trailer turn indicator repeater
- ⑧ = Battery
- ⑨ = Car turn indicator repeater
- ⑩ = Hazard warning flasher relay
- ⑪ = Hazard warning flasher switch
- ⑫ = Turn indicator switch
- ⑬ = Light switch
- ⑭ = Socket for trailer coupling
- ⑮ = Rear light, right
- ⑯ = Rear light, left

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



# Circuit diagram – trailer coupling

