

## **Radio- und Sondergeräte**

Radio and accessories

Radio et accessoires

Radio e strumenti speciali

Radio y accesorios

Radio och specialtillbehör

Radiö en accessoires

## 65 Radio and Special Equipment

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**65 11 000 Radio with loudspeaker and interference suppression – installing**

– mono and stereo –

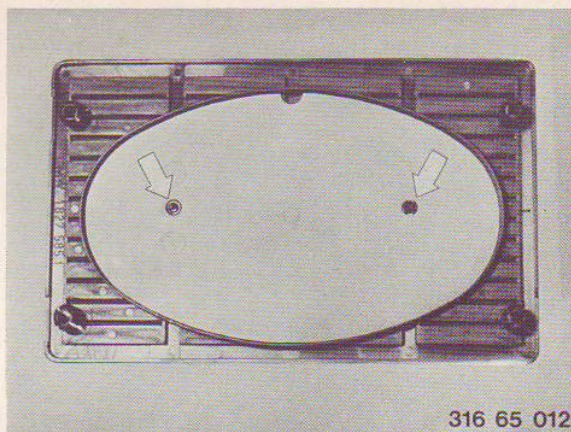
Disconnect the negative lead from the battery.

Install the antenna – 65 21 100.

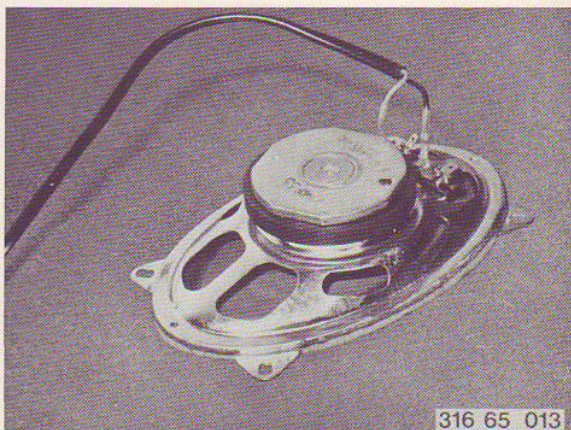
Remove and install the center stowage compartment – 51 16 200.

**Mono loudspeaker:**

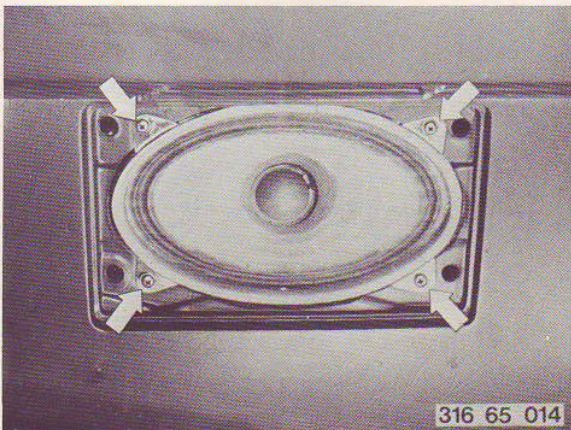
Lift out the loudspeaker grille and cut away the covering with a knife.



Plug the leads in at the loudspeaker.



Insert the loudspeaker into the cutout provided and screw down firmly. First run the lead to the radio installation point. Install the loudspeaker grille.



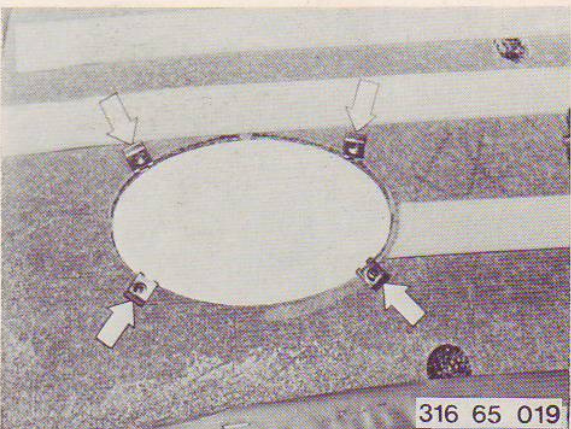
**Stereo loudspeakers:**

Remove and install the rear seat and seat back – 52 20 000.

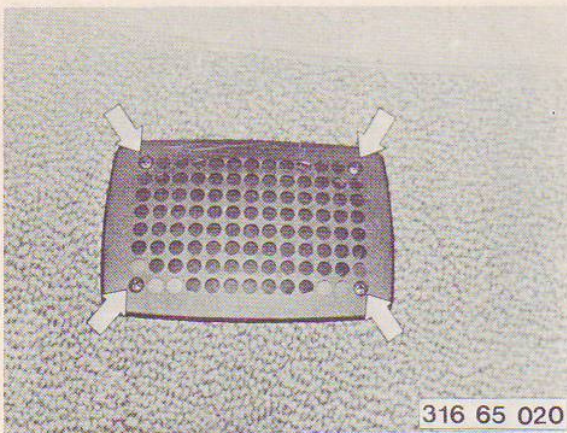
Pull the rear window shelf out forwards.

Cut away the pre-formed holes for the loudspeakers.

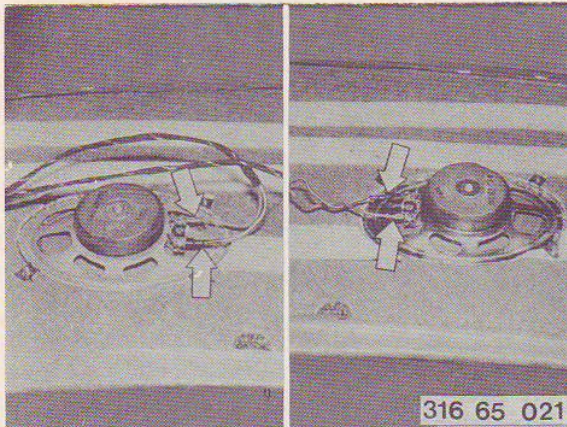
Insert sheet-metal nuts at the holes provided.







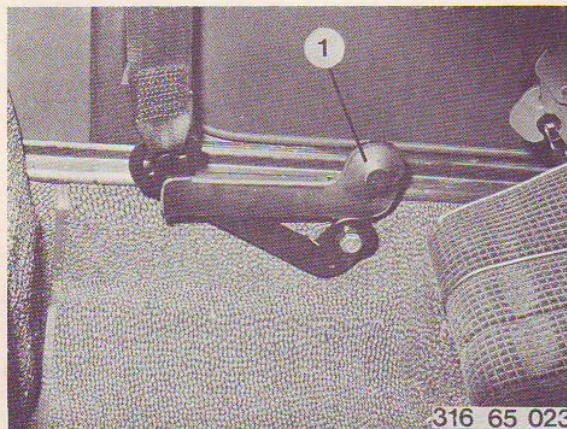
Insert loudspeakers from the top and secure screen panels with screws.



Connect cables to both loudspeakers.



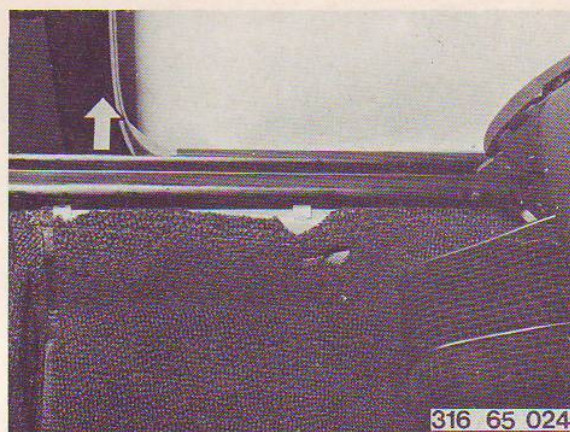
Install the rear window shelf and run the leads under the shelf and forwards along the left wiring harness.



Take off the cover (1) and detach the seat belt at the bottom.  
Important: note installed sequence of components.



Lift the cover strip away from its clips.  
Pull off the floor carpet along the wiring harness. Install the loudspeaker leads as far as the radio installation point.  
*When installing: use new clips.*



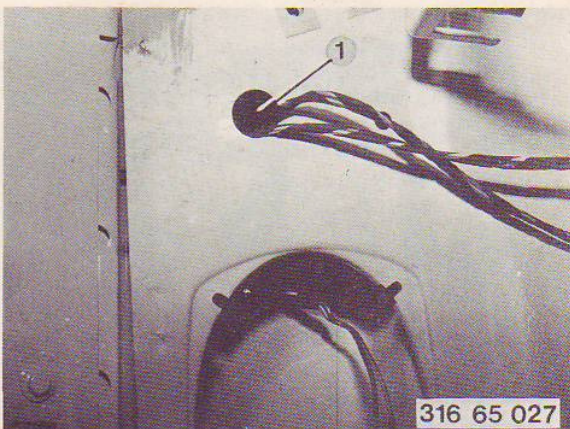
Pull away the edge protector and the door pillar trim.  
Cut away the door pillar trim to suit the cutout indicated.



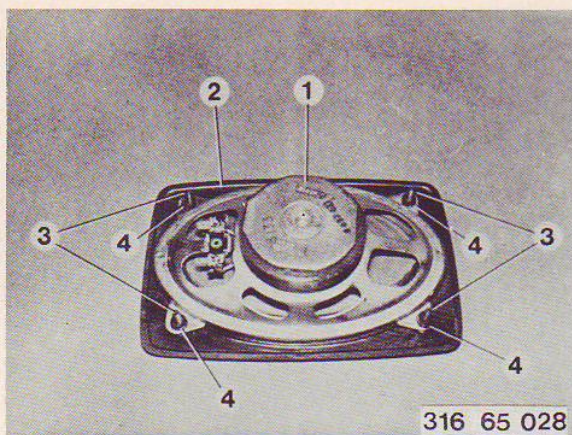
Insert sheet-metal nuts in the cutout.



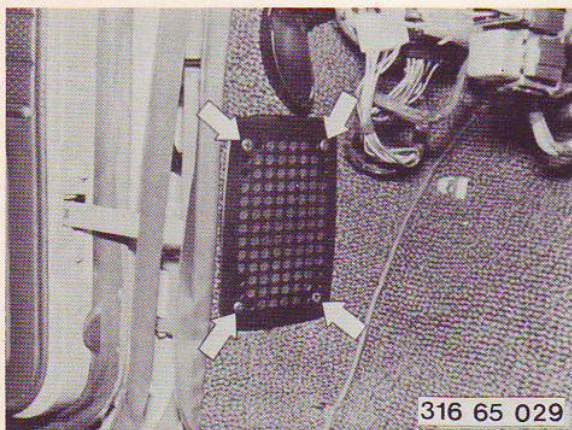
Run the left front loudspeaker lead (coded yellow) behind the gusset plate trim and through the existing hole (1) to the loudspeaker cutout. Right loudspeaker is coded blue.



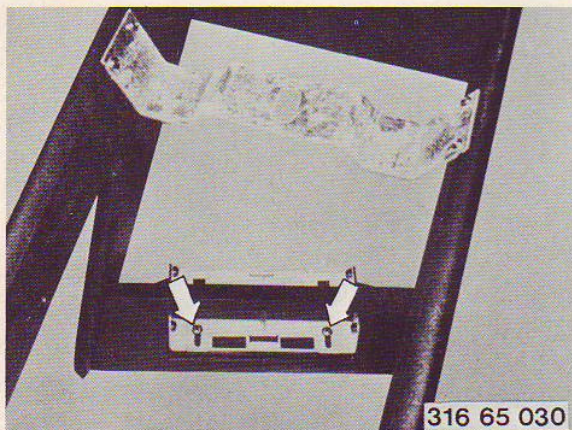




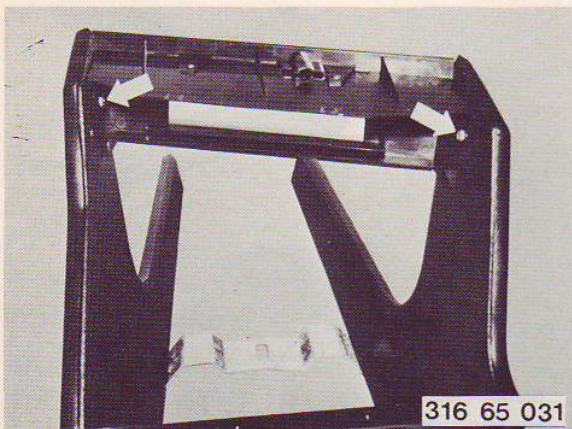
Pre-assemble loudspeaker (1), screen (2) with screws (3) and spacing washers (4).



Attach the loudspeaker leads and install the loudspeaker.  
Install the right loudspeaker as described.



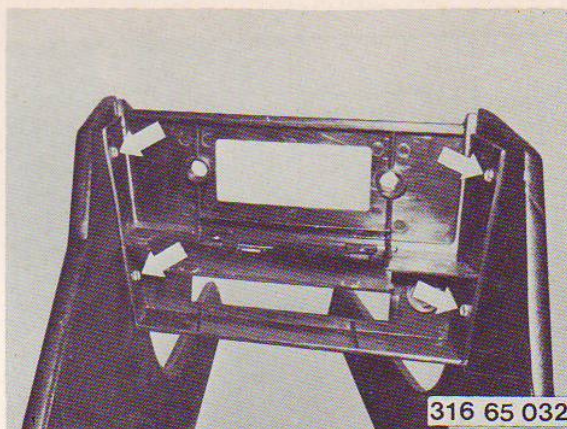
Installing radio receiver (mono or stereo):  
Remove screws from center stowage compartment and push off holder for ashtray.



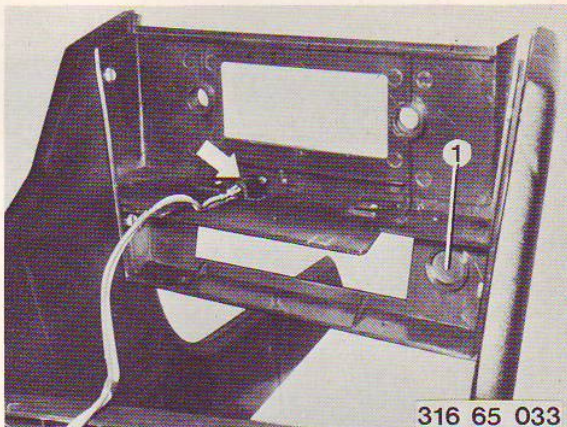
Remove screws and detach screen panel from stowage compartment.



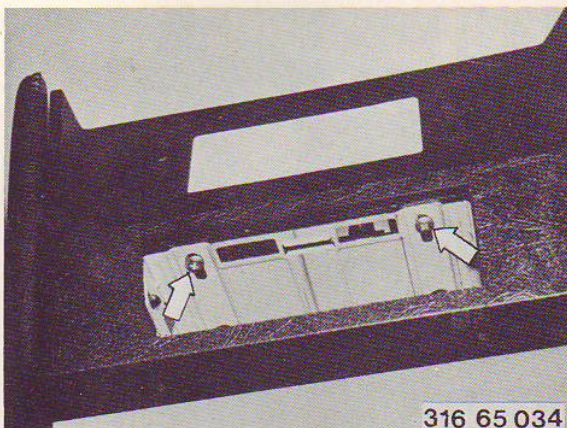
Attach screen panel from installation kit to center compartment.



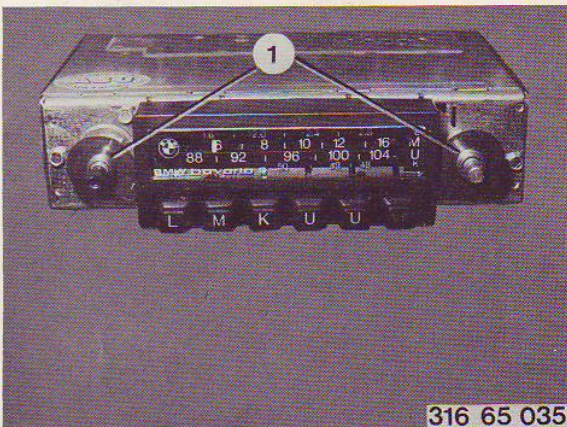
Insert bulb holder into screen panel and turn through 180°. Insert bulb with holder. For stereo radio, press out center of hole (1) and install balance control.



Attach the ashtray holder previously removed to the new radio screen panel.



Stereo/Mono radio: place washers (1) on to unit.







Install radio in screen panel. Tighten nuts (1) with socket wrench (2) from installation kit.



Install tone control on left and decorative disc on right, and push on knobs. With stereo radio attach lever 'Mono/Stereo' instead of decorative disc.



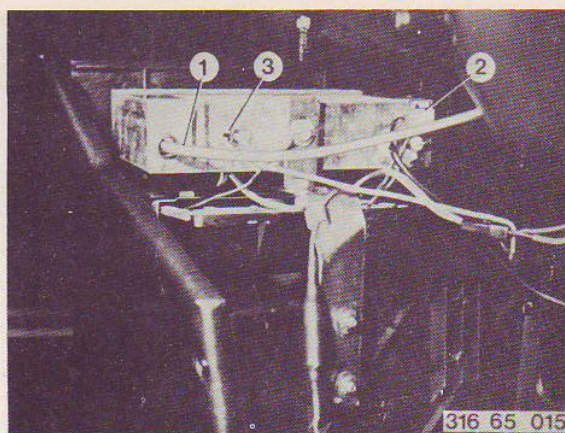
Attach radio support to center compartment.



Secure angle bracket to support and to radio. Secure earth (ground) lead from ashtray light (1) to radio at the same time.

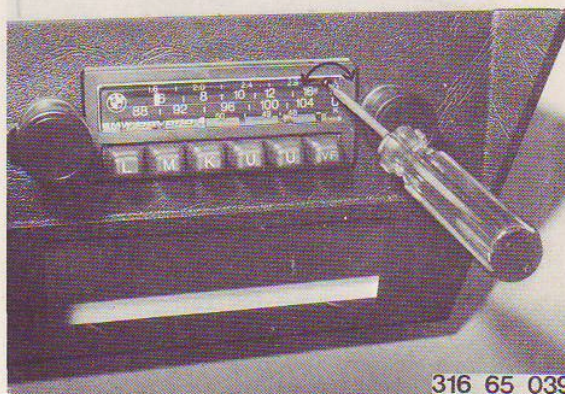


Attach lead with flying fuse from installation kit to radio and connect to existing plug board. Connect antenna cable (1), loudspeaker cable (2) and earth (ground) cable (3) to unit. Connect cable from ashtray lighting to same color terminal (lead) on existing plug board.



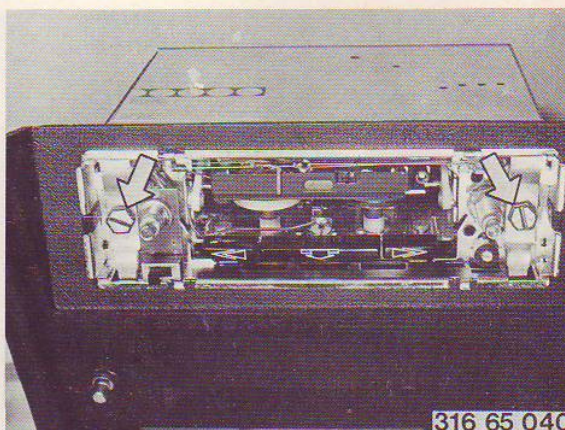
316 65 015

Reconnect negative lead at battery and check operation. Install the center compartment and trim the antenna in accordance with the manufacturer's instructions.



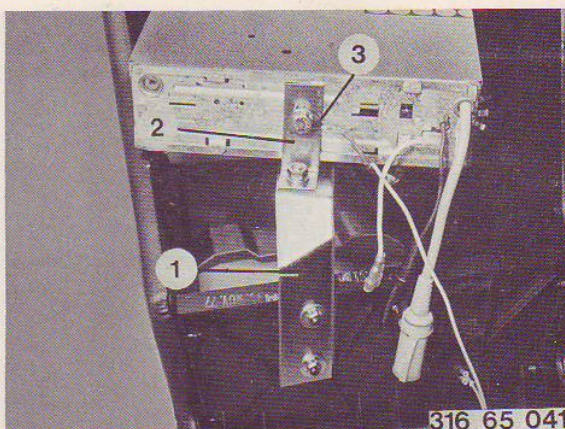
316 65 039

Stereo radio: install the unit in the screen panel and secure with holders. Important: holders must be properly centered.



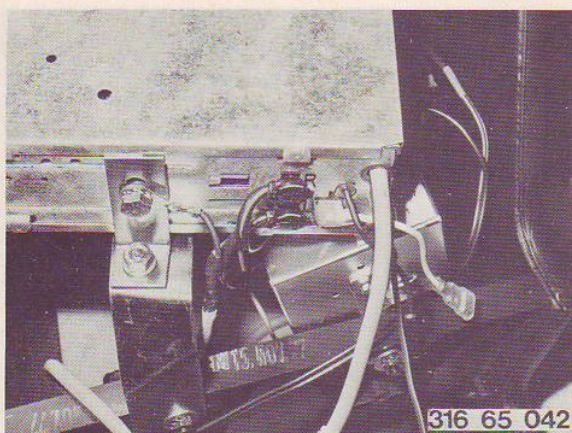
316 65 040

Attach support strut (1) and angle bracket (2) to radio. Screw earth (ground) lead (3) for ashtray lighting on to radio at the same time.

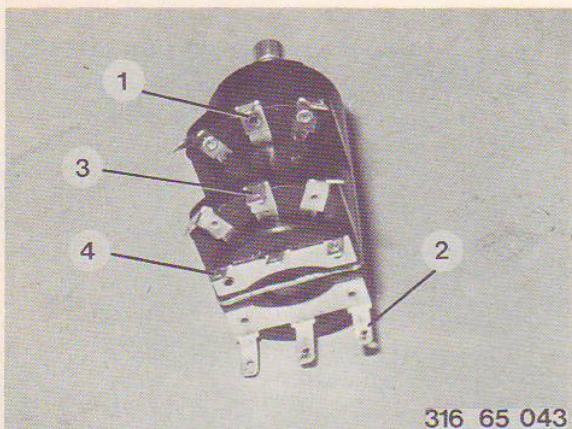


316 65 041



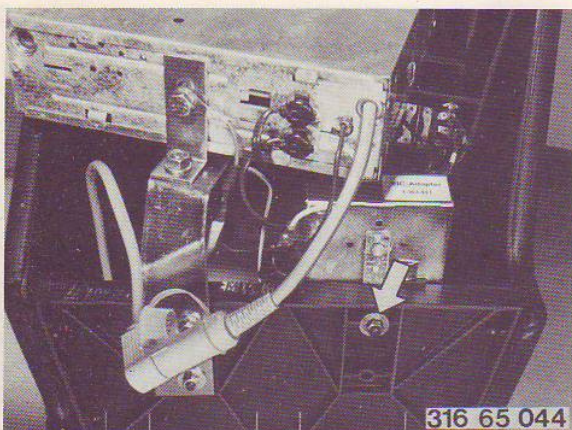


Connect blue coded loudspeaker lead to radio terminal R and yellow coded loudspeaker lead to radio terminal L.

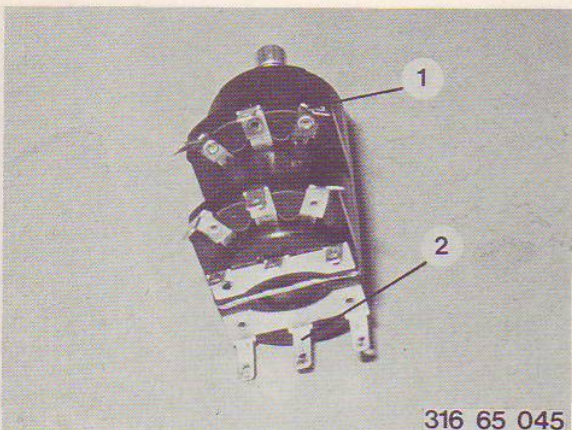


Connect loudspeaker leads to balance control as shown in circuit diagram.

1 = blue      Channel II (right)  
2 = brown  
3 = yellow      Channel I (left)  
4 = brown



Attach electronic suppression unit to center compartment.  
Connect cables to radio.



Insert center compartment into car.  
Attach blue/red leads from front loudspeakers to balance control.

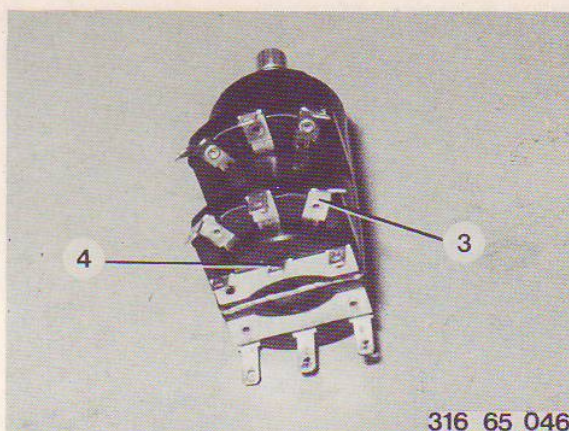
1 = blue/red  
2 = brown



Attach the yellow/red leads from the left front loudspeaker to the balance control.

3 = yellow/red

4 = brown



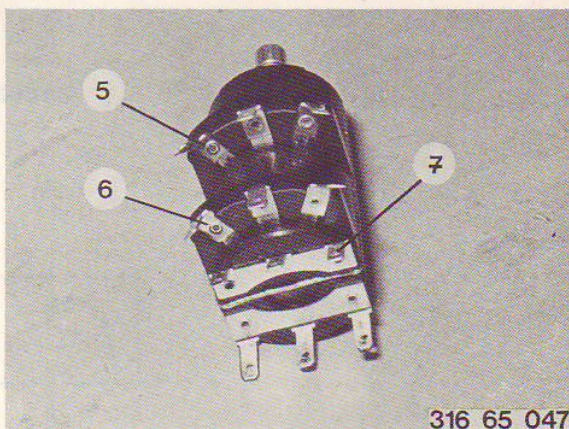
316 65 046

Attach the leads from the rear loudspeakers to the balance control.

5 = blue/black, 6 = yellow/black,

7 = brown.

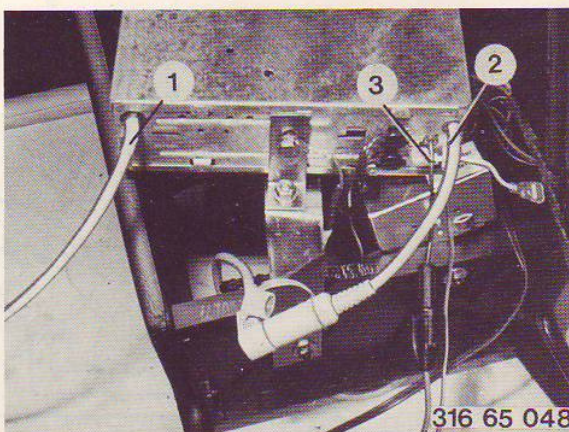
Secure all cables to support strut with insulating tape.



316 65 047

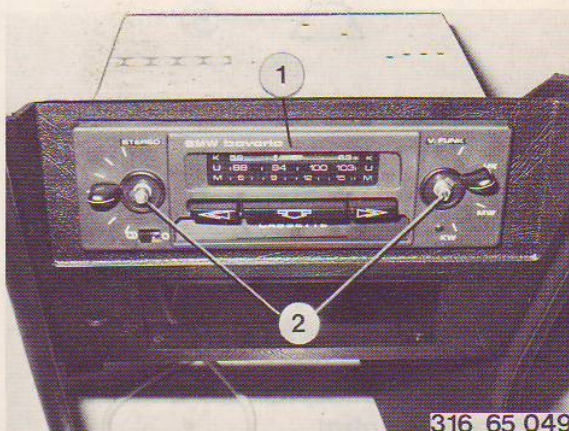
Connect lead with flying fuse (3) from installation kit to radio and to existing plug board. Connect antenna cable (1) and earth (ground) cable (2) to unit.

Connect cable from ashtray light to same color code position on existing plug board.



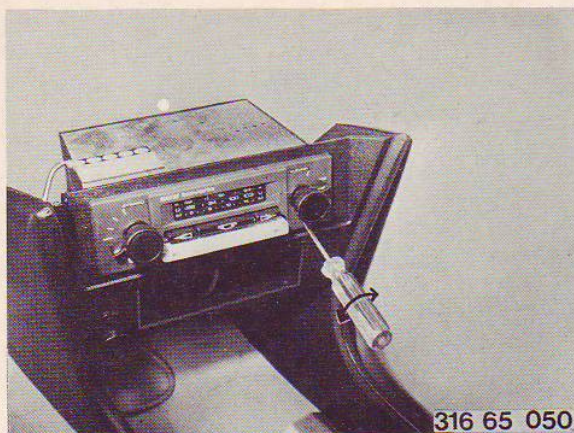
316 65 048

Install the radio screen panel (1) and press into spring clips. Insert switch lever (2) into lock. Push on knobs.



316 65 049

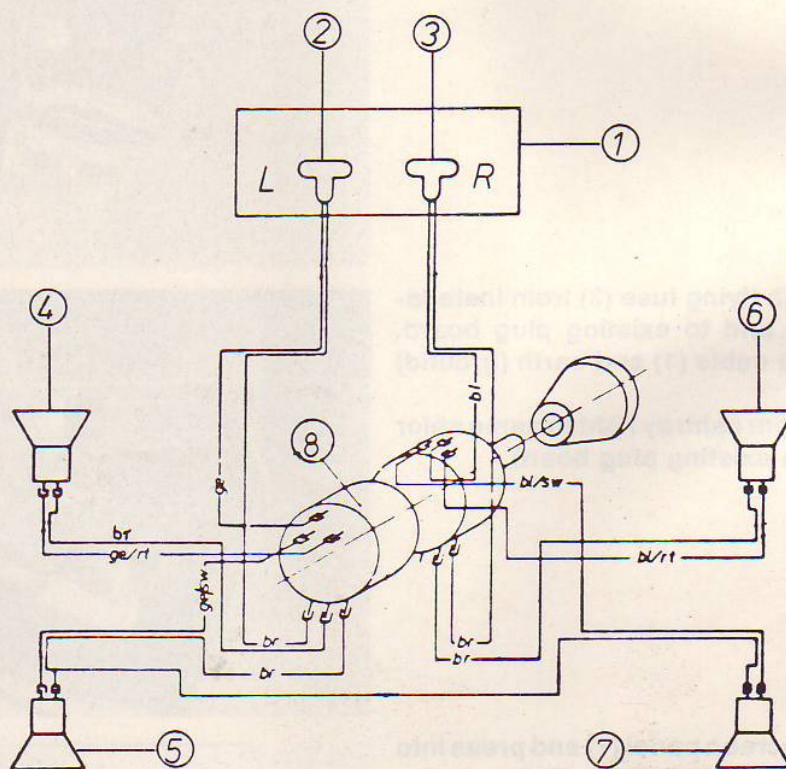




Connect negative lead to battery and check operation.  
Install the center stowage compartment and trim the antenna in accordance with the manufacturer's instructions.

316 65 050

Circuit diagram



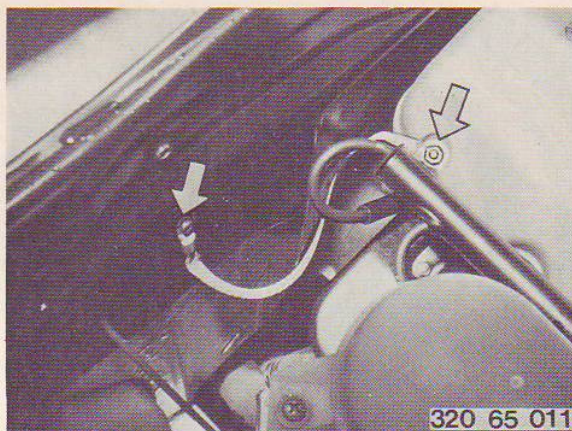
320 65 001

- ① Amplifier stage
- ② Channel I (L)
- ③ Channel II (R)
- ④ Front left loudspeaker
- ⑤ Rear left loudspeaker
- ⑥ Front right loudspeaker
- ⑦ Rear right loudspeaker
- ⑧ Balance control

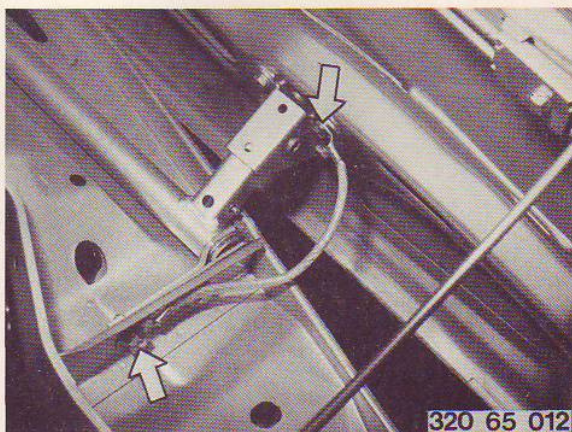
Color codes:  
br = brown  
bl = blue  
bl/rt = blue/red  
bl/sw = blue/black  
ge = yellow  
ge/rt = yellow/red  
ge/sw = yellow/black



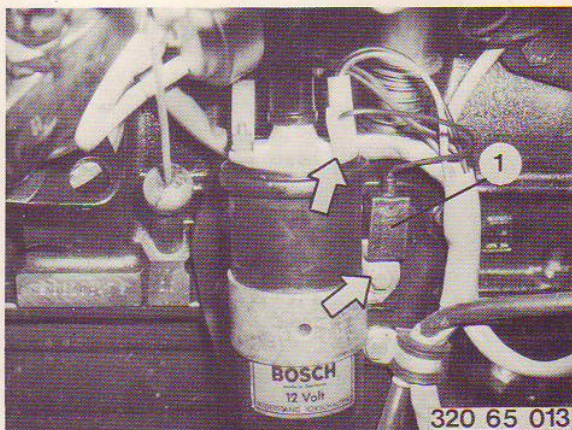
**Install the interference suppression:  
Install earth (ground) lead between engine and  
body.**



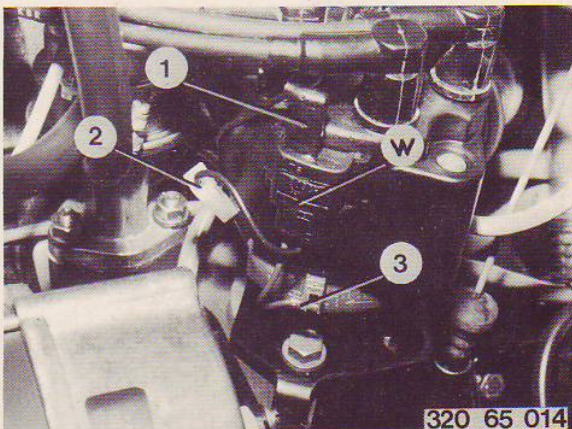
**Install earth (ground) lead between front bulk-  
head and engine compartment lid.**



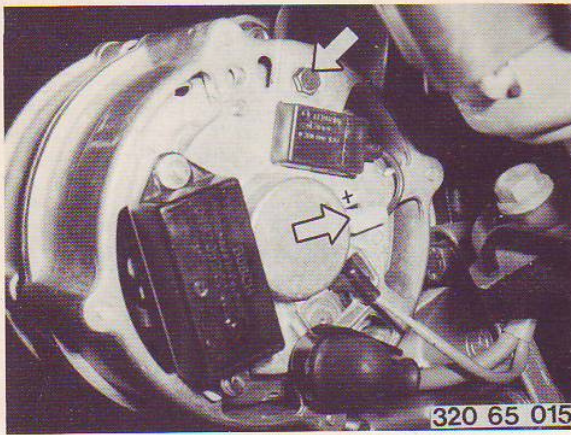
**Attach resistor (1) to coil holder and to coil ter-  
minal 15.**



**Insert resistor W in distributor cap.  
Detach cable (1) at distributor and connect to  
top of resistor.  
Connect black (2) and brown (3) cables from  
resistor to distributor.**







Attach resistor to alternator and connect lead to + terminal.

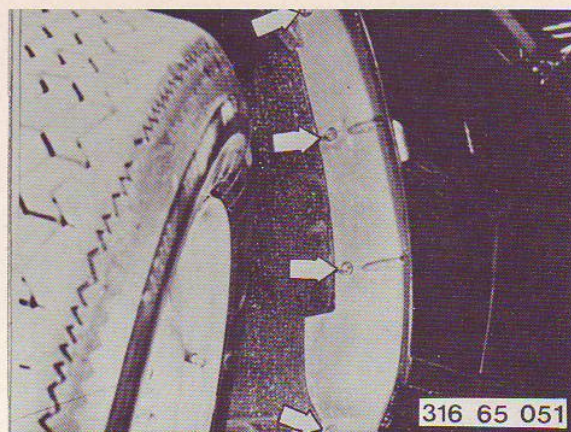


## 65 21 100 Retracting antenna – installing

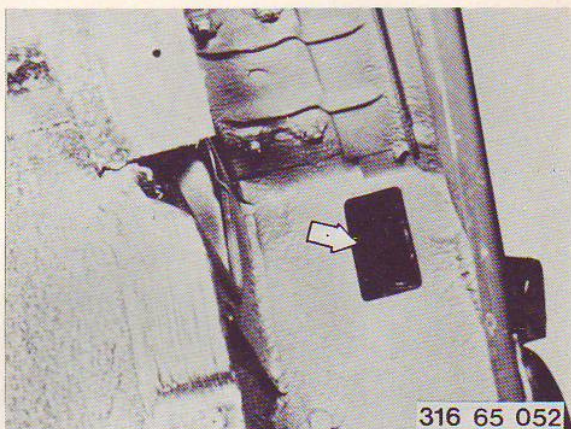
Detach and attach lower left fascia trim – 51 45 180.

Remove cover plate in wheel arch.

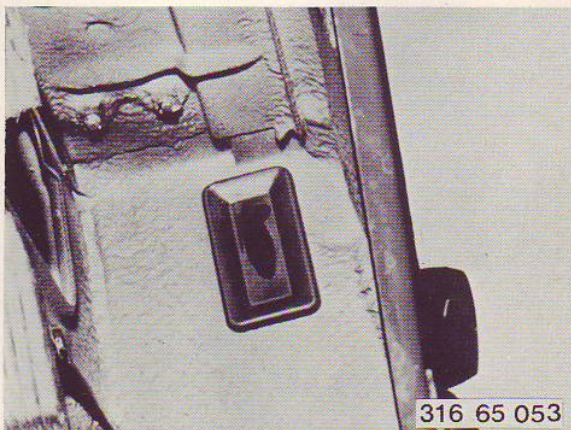
*When installing:* make sure that the rubber seal is located correctly.



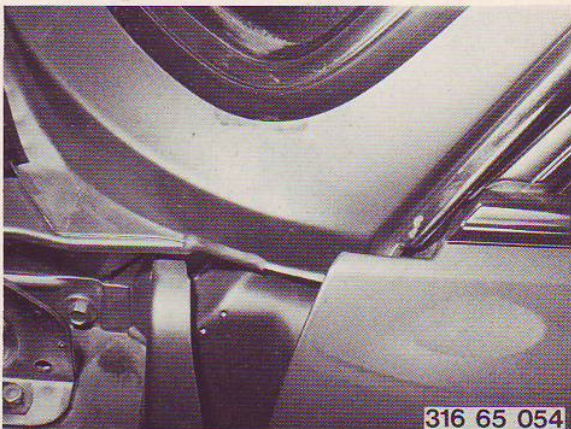
Press out the pre-formed section.



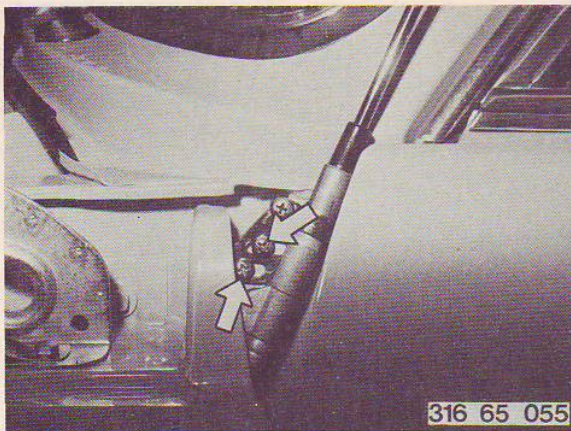
Insert the grommet for the antenna base in the cutout.



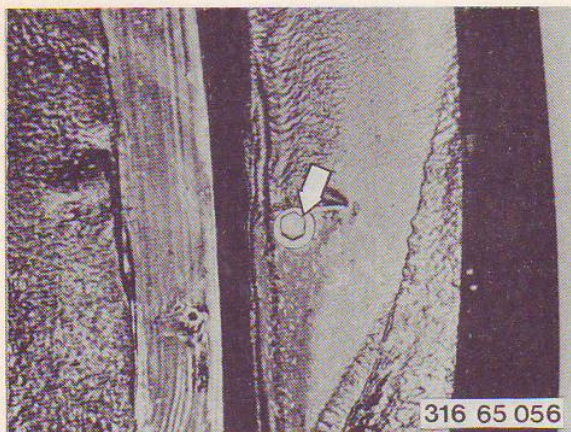
Drill 2 holes 3.2 mm (0.125 in) in diameter at the points where punch marks have been provided.



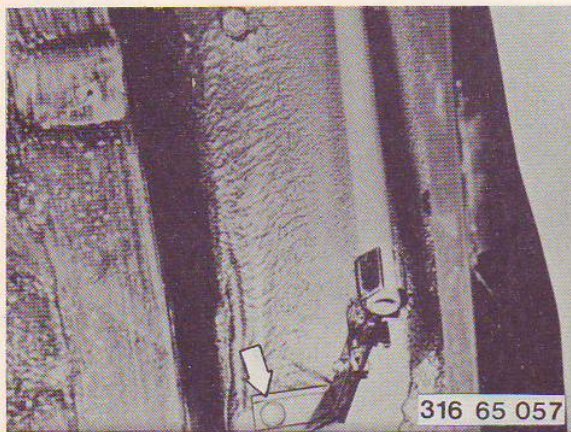




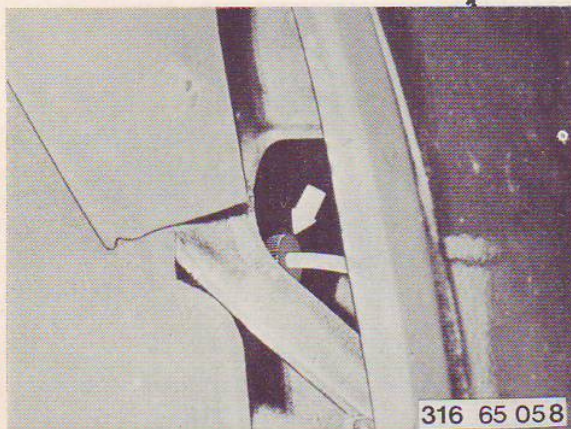
Insert the antenna from the top and fasten down lightly at first. Align, then tighten the bolts.



Remove the bolt.



Push the antenna holder over the antenna, and secure. Use bolt from installation kit to secure antenna to side panel, and align.



Knock out the pre-formed cutout and run the antenna cable through to the inside. Push the cable grommet over the antenna cable and press in from the outside.



Run the antenna cable along the wiring harness to the radio installation point. Trim the antenna in accordance with the manufacturer's instructions.

