

Original MINI Accessories. Installation Instructions.



Alpine Hi-Fi System Retrofit MINI (R55, R56)

These installation instructions are only valid for cars without SA 601, SA 693 or SA 655.

Retrofit kit no. 65 41 2 153 318 Alpine hi-fi system retrofit kit

Installation time

The installation time is **approx. 1.5 hours**. This may vary depending on the condition of the car and the equipment in it.

Important information

These installation instructions are primarily designed for use within the MINI dealership organisation and by authorised MINI service companies.

In any event the target group for these installation instructions is specialist personnel trained on MINI cars with the appropriate specialist knowledge.

All work must be completed using the latest MINI repair manuals, circuit diagrams, servicing manuals and work instructions, in a rational order, using the prescribed tools (special tools) and observing current health and safety regulations.

If you experience installation or functional problems, limit troubleshooting to approx. 0.5 hours for mechanical or 1.0 hour for electrical work.

In order to reduce costs and avoid any additional expense, send a query immediately to the Technical Parts Support via the Aftersales Assistance Portal (ASAP).

Specify the following information:

- Chassis number,
- Part number of the retrofit kit,
- A precise description of the problem,
- Work steps already carried out.

Do not archive the hard copy of these installation instructions since daily updates are provided via ASAP!

Pictograms



Denotes instructions that draw your attention to dangers.



Denotes instructions that draw your attention to special features.

◀ Denotes the end of the instruction or important text.

Installation information

All pictures show LHD cars; proceed accordingly on RHD cars.

Ensure that the cables and/or lines are not kinked or damaged as you install them in the car. The costs incurred as a result will not be reimbursed by BMW AG.

Additional cables/lines that you install must be secured with cable ties.

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

List of special equipment

The following special equipment must be taken into consideration when installing the retrofit kit:

- SA 601** TV function
- SA 693** Satellite tuner preparation
- SA 655** Satellite tuner
- SA 210** Dynamic Stability Control (DSC)

Ordering instructions

The following parts are not included in the retrofit kit and must be ordered separately (see EPC for part number and details).

- A-pillar trim on the left **J**
- A-pillar trim on the right **K**
- Multifunction box lid **L**
- Prestol cage **M**
- Fillister head self-tapping screws **N**

Special tools required

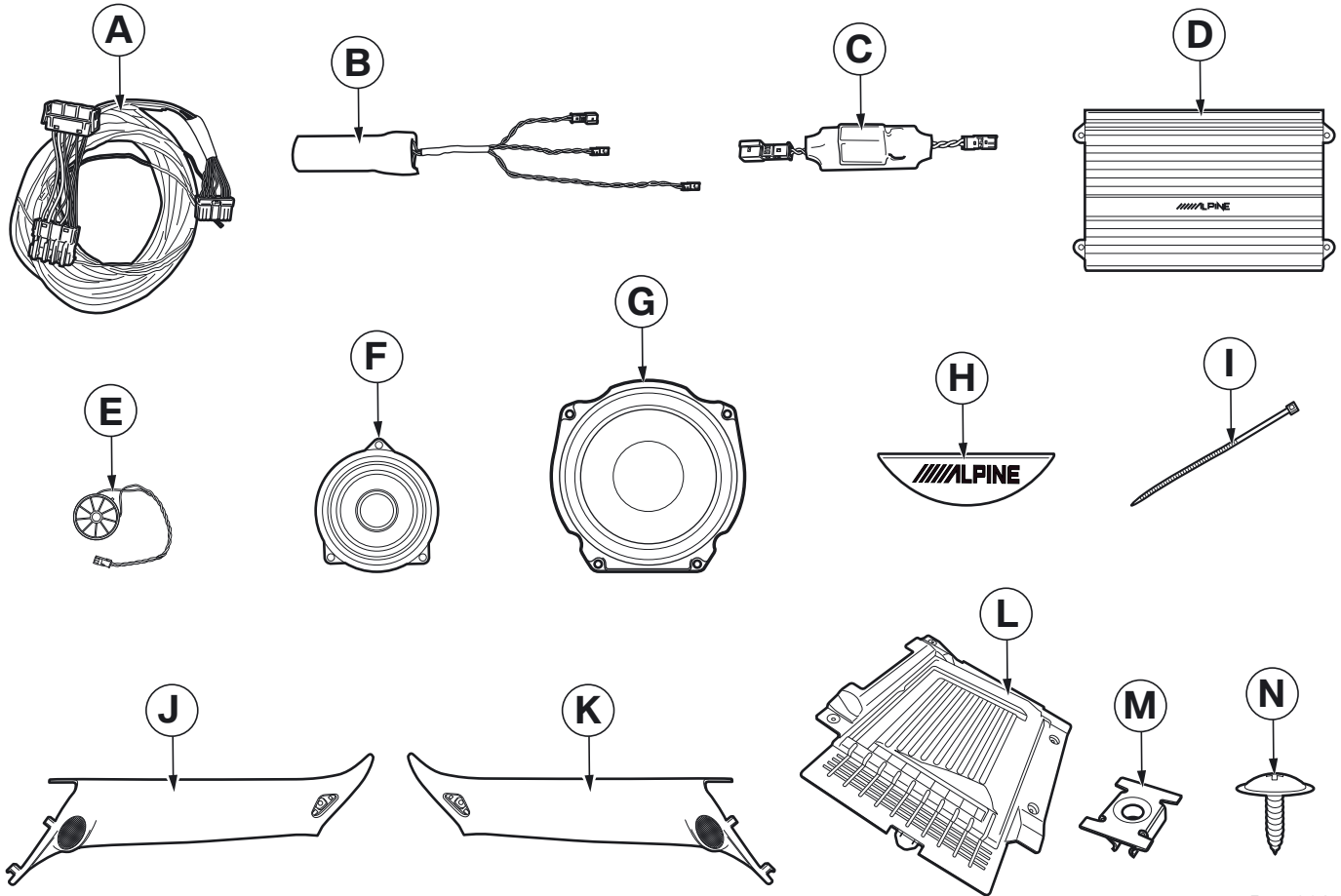
00 9 317 Trim wedge

00 9 340 Removal tool

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1. Parts list



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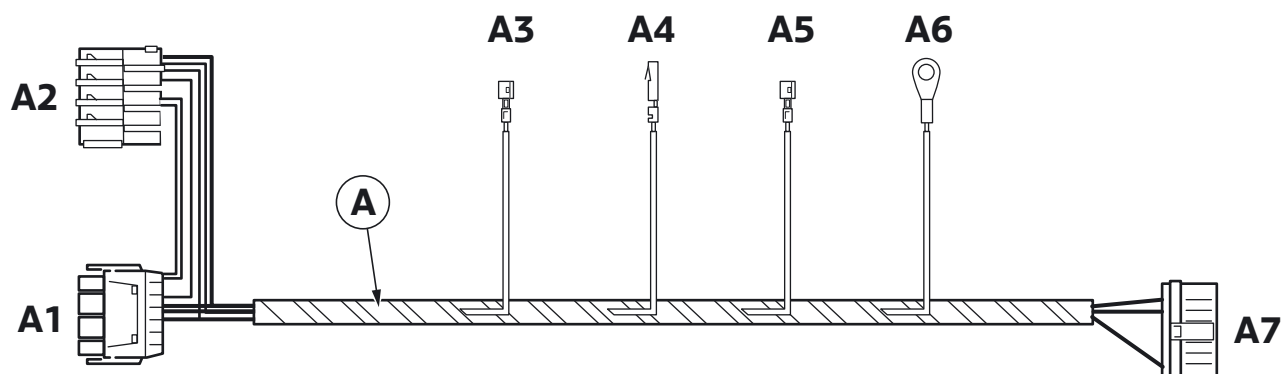
Legend

- A** Retrofit cable set
- B** Frequency switch (2x)
- C** Frequency switch tweeter (2x)
- D** Amplifier
- E** Tweeter (2x)
- F** Mid-range speaker (2x)
- G** Woofer (2x)
- H** Emblem (2x)
- I** Cable tie (10x)
- J** A-pillar trim on the left (not supplied in the retrofit kit)
- K** A-pillar trim on the right (not supplied in the retrofit kit)
- L** Right multifunction box lid (not supplied with the retrofit kit)
- M** Prestol cage (not supplied in the retrofit kit)
- N** Phillips head self-tapping screw (4x, not supplied in the retrofit kit)

2. Preparatory work

	ISTA No.
Disconnect the negative pole of the battery	12 00 ...
First, the following components must be removed	
Front passenger seat	52 13 000
A-pillar trim on the left and right	51 43 201
Tweeter in A-pillar trim on the left and right	65 13 050
Door sill cover strip, left and right	51 47 000
Air outlet grille lid cover	51 45

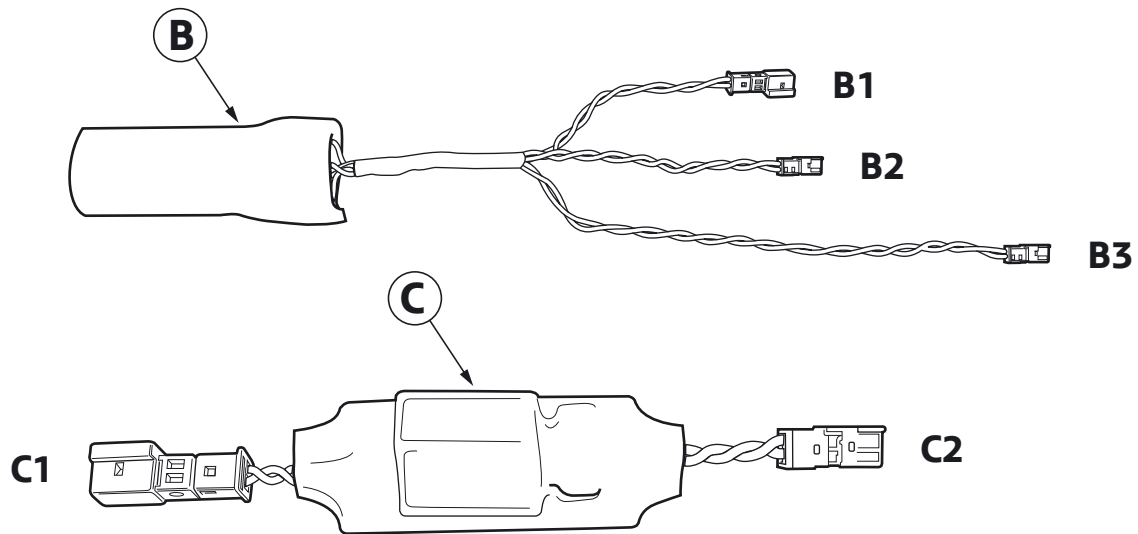
3. Connection diagram



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Branch/ Item	Designation	Signal	Cable colour/ cross-section	Connection location in the car	Abbreviation/ slot
A	Retrofit cable set	---	---	---	---
A1	WS 12-pin socket casing	---	---	On plug casing	X9331
A2	WS 12-pin plug casing	---	---	On socket casing	X9331
A3	BL 2-pin socket casing	---	---	To tweeter frequency switch C	---
A4	Socket contact	Terminal 30	RT 2.5 mm ²	On fuse holder	X11007 PIN 6
A5	BL 2-pin socket casing	---	---	On branch C1	---
A6	Eyelet	Terminal 31	BR 1.0 mm ²	On earth post connection next to front passenger seat on right	---
A7	WS 14-pin socket casing	---	---	On amplifier D	---

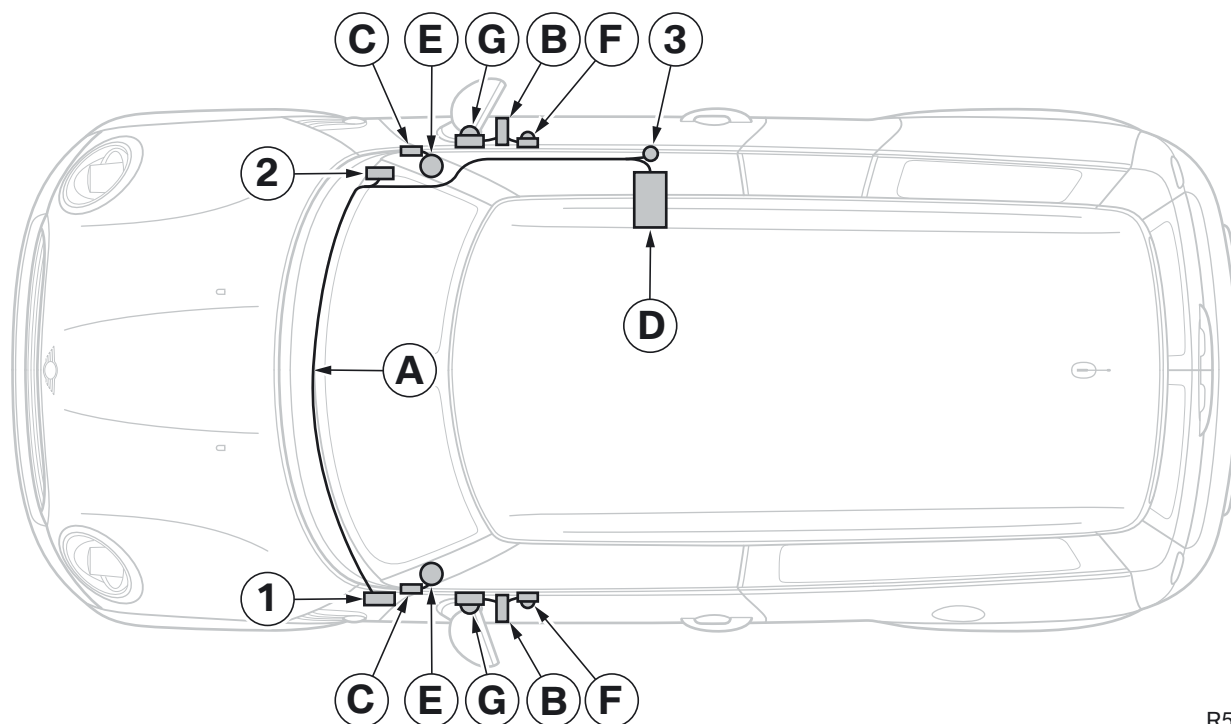
4. Connection diagram



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Branch/Item	Designation	Signal	Cable colour/ cross-section	Connection location in the car	Abbreviation/ slot
B	Frequency switch	---	---	---	---
B1	BL 2-pin plug casing	---	---	On original socket casing for mid-range speaker	X10364
B2	BL 2-pin socket casing	---	---	On woofer G	---
B3	BL 2-pin socket casing	---	---	On mid-range speaker F	---
C	Tweeter frequency switch	---	---	---	---
C1	BL 2-pin plug casing	---	---	On branches A3 and A5	---
C2	BL 2-pin socket casing	---	---	On tweeter E	---

5. Installation and cabling diagram



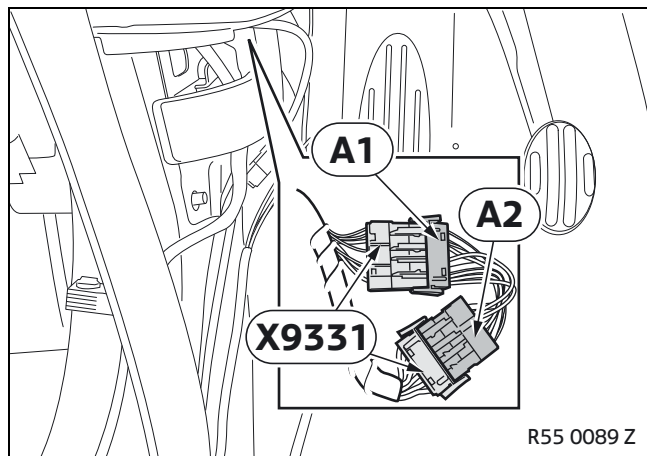
R55 0088 Z

Legend

- A** Retrofit cable set
- B** Frequency switch
- C** Tweeter frequency switch
- D** Amplifier
- E** Tweeter
- F** Mid-range speaker
- G** Woofer

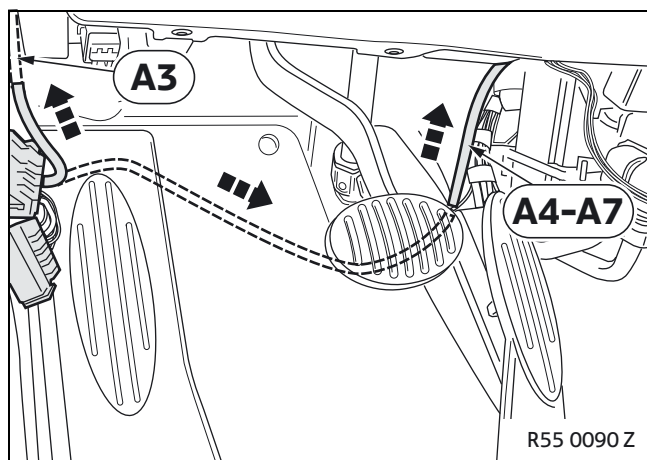
- 1** WS 12-pin socket casing and plug casing **X9331**
- 2** BL 10-pin socket casing on fuse holder **X11007**
- 3** Earth post connection next to front passenger seat

6. Installation



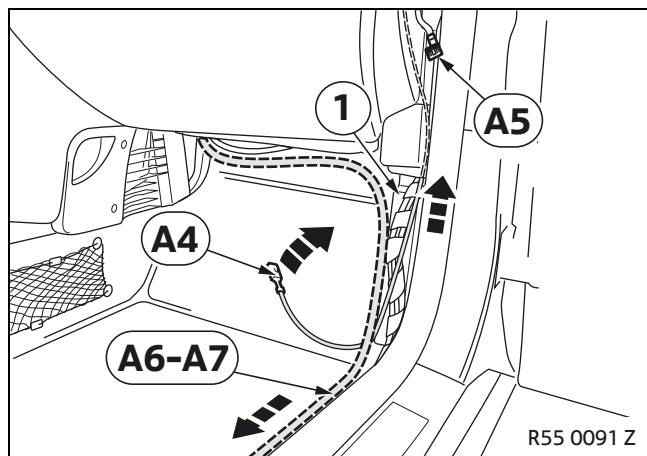
Disconnect plug **X9331** on A-pillar at left bottom.

Connect branches **A1** and **A2** at plug **X9331** (NT 12-pin).



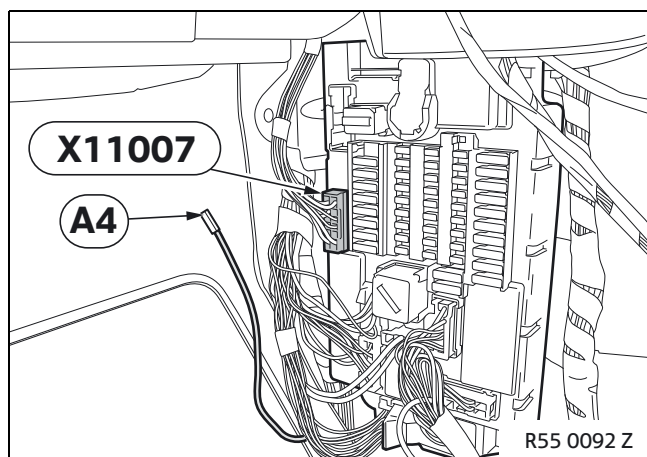
Route branch **A3** to A-pillar at left top.

Route branches **A4-A7** into right footwell.



Route branches **A4-A7** along the standard wiring harness as follows:

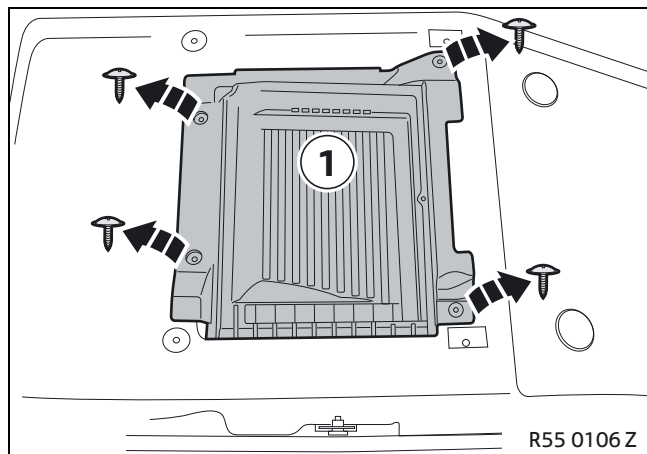
- Branch **A4** to fuse holder (1)
- Branch **A5** to A-pillar on the right
- Branch **A6-A7** under front passenger seat



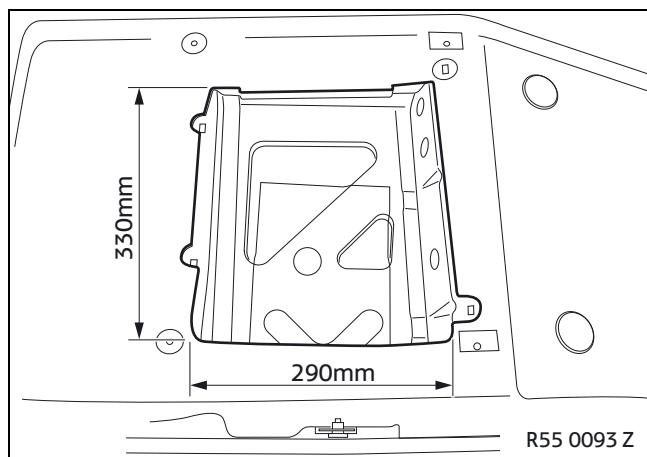
Connect branch **A4**, RT cable, to plug **X11007** PIN 6.

Connect plug **X11007** to the fuse holder.

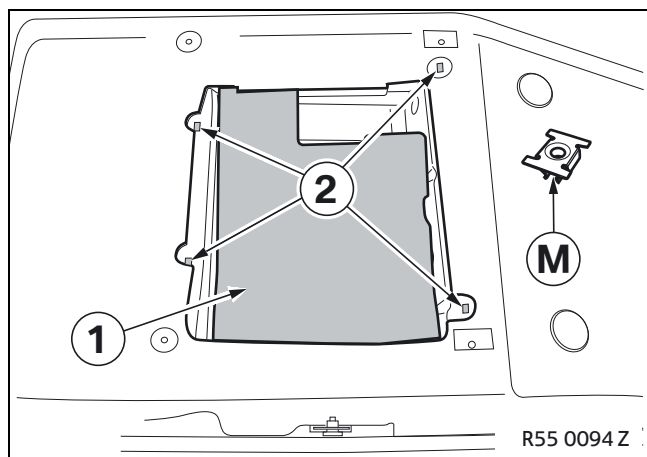
6. Installation



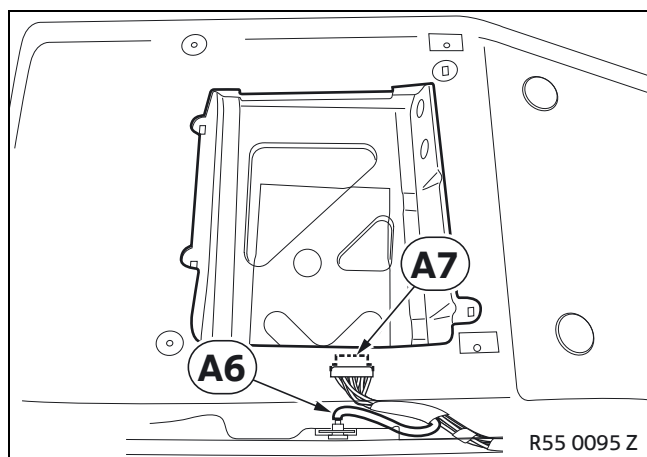
Cars with SA 210 only
Unscrew multifunction box lid (1).



Cars without SA 210 only
Transfer dimensions to car carpet and cut out.

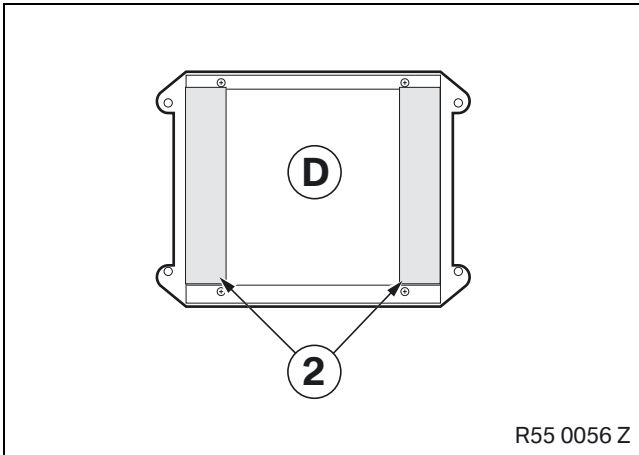


All cars
Remove the insert (1), it is no longer required.
Clip Prestol cages **M** into holes (2) in floor panel.

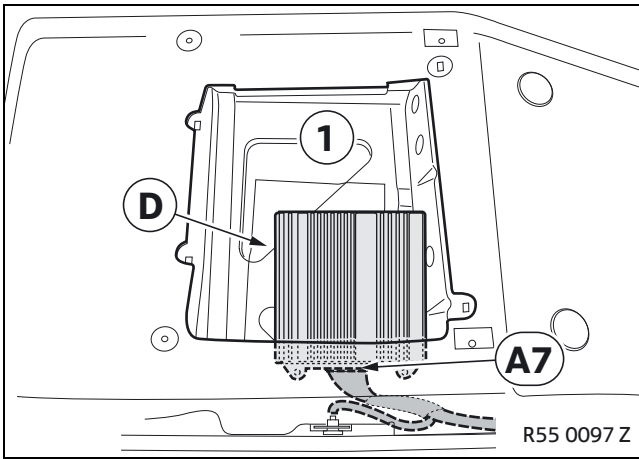


Route branches **A7** under carpet.
Connect branch **A6** to the earth post next to the front passenger seat.

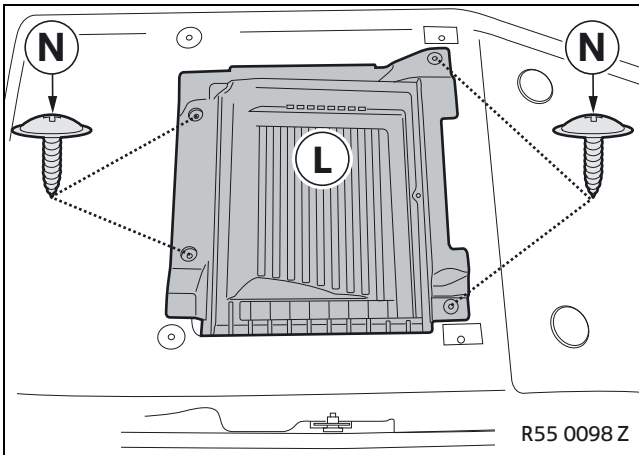
6. Installation



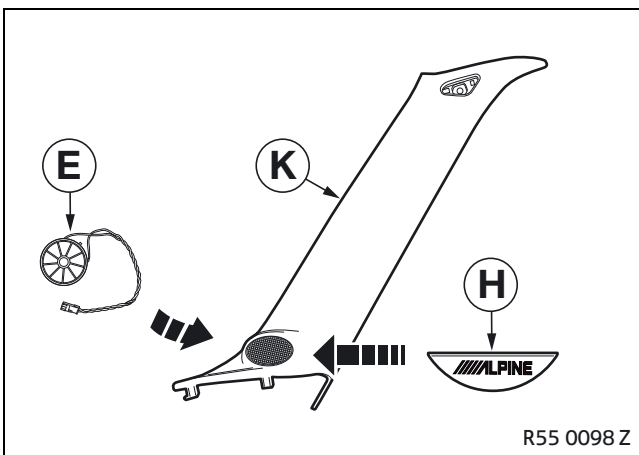
Remove the backing foil from the adhesive strips (2) of the amplifier **D**.



Connect branches **A7** to amplifier **D**.
Stick amplifier **D** to floor panel (1).

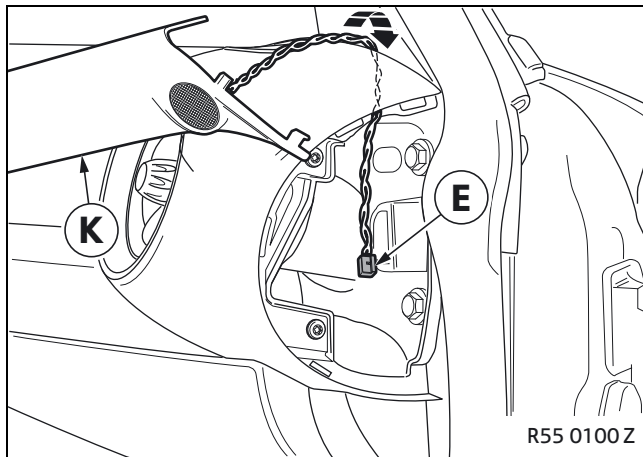


Working on outside of car, insert multifunction box lid **L** under car carpet and attach with fillister head self-tapping screws **N**.

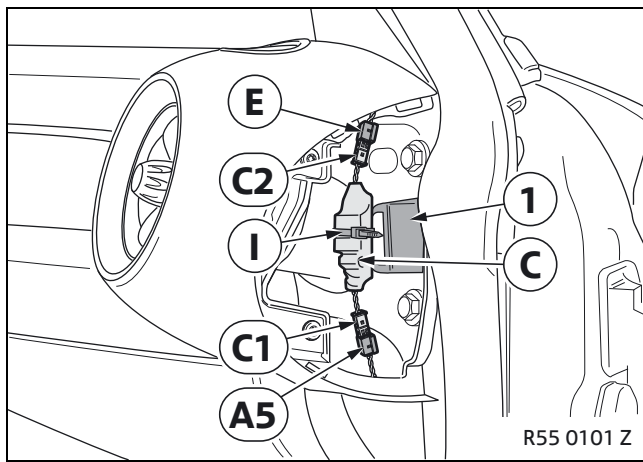


Clip tweeter **E** into A-pillar trim **K**.
Glue emblem **H** firmly onto speaker grille (2).

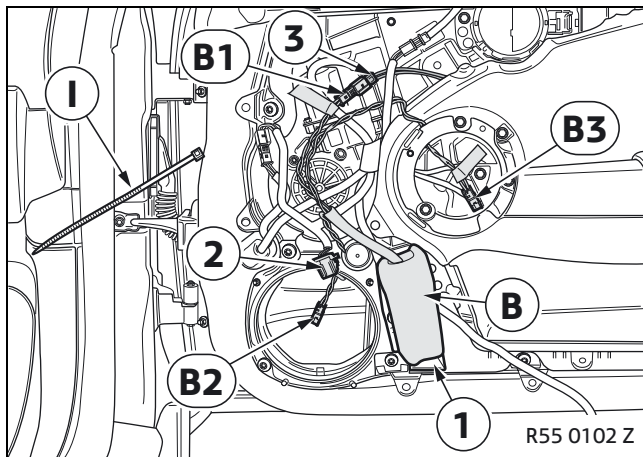
6. Installation



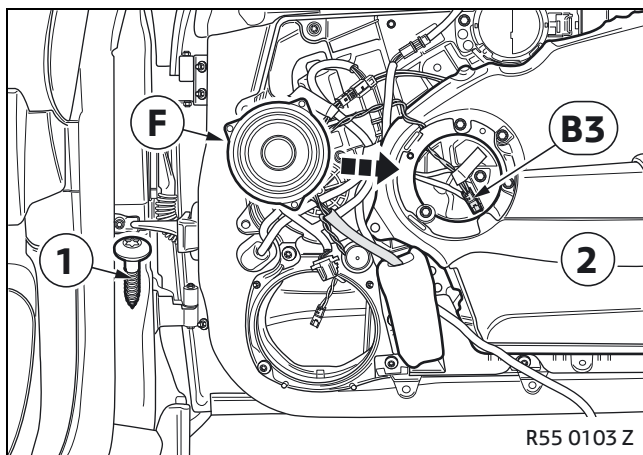
Route plug of tweeter **E** to A-pillar on right.
Install A-pillar trim **K**, see ISTA-RA 51 43 201.



Connect plug of tweeter **E** to branch **C2**.
Connect branch **A5** to branch **C1**.
Secure tweeter frequency switch **C** to the dashboard support (1) using cable ties **I**.

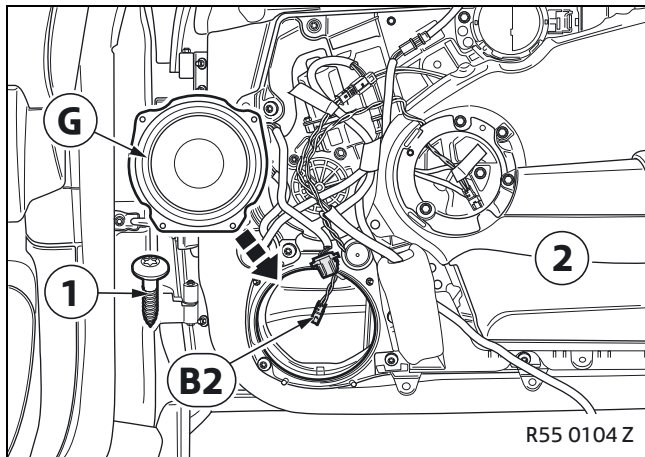


Original socket contact of woofer (2) is no longer required.
Place frequency switch **B** in trough in door trim (1) and secure with cable tie **I**.
Route branch **B3** to the installation site of the mid-range speaker.
Route branch **B2** to the installation site of the woofer.
Connect branch **B1** to the original socket casing (3) for the mid-range speaker.



Connect branch **B3** to mid-range speaker **F**.
Install mid-range speaker **F** in door trim (2) using original screws (1).

6. Installation



Connect branch **B2** to woofer **G**.

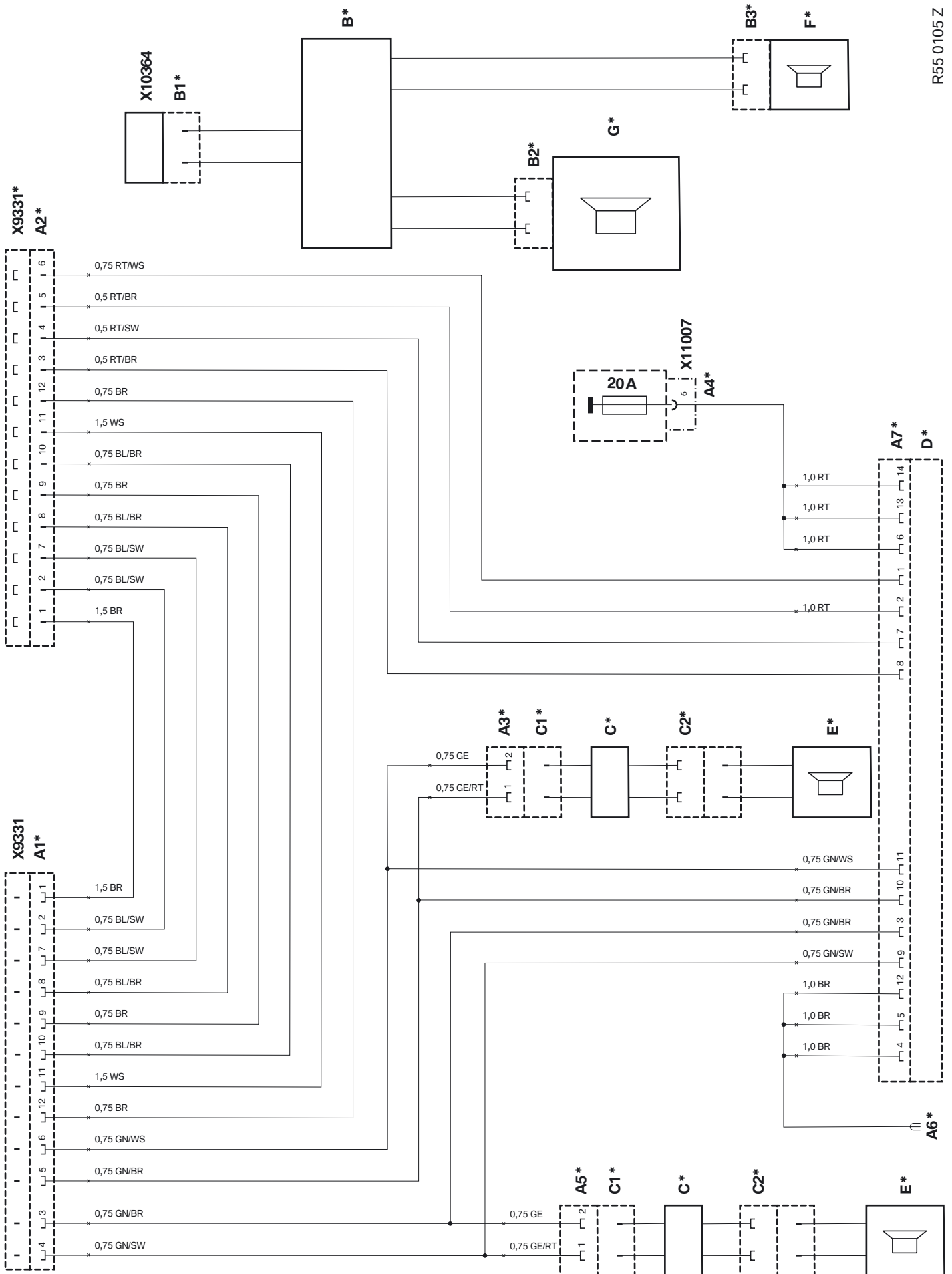
Install woofer **G** in door trim (1) using original screws (2).

7. Concluding work

This retrofit system does not require coding.

- Connect the battery
- Conduct a function test
- Conduct a brief test
- Re-assemble the car

8. Circuit diagram



R55 0105 Z

8. Circuit diagram

Legend

A1*	WS 12-pin socket casing, on plug casing X9331
A2*	WS 12-pin plug casing, on socket casing X9331
A3*	BL 2-pin socket casing, on branch C1*
A4*	BL 10-pin socket casing, on fuse holder X11007 , PIN 6
A5*	BL 2-pin socket casing, on branch C1*
A6*	Eyelet, on earth post connection next to front passenger seat on right
A7*	WS 14-pin socket casing, on amplifier D*
B*	Frequency switch
B1*	BL 2-pin plug casing, on socket casing X10364
B2*	BL 2-pin socket casing, on woofer G*
B3*	BL 2-pin socket casing, on mid-range speaker F*
C*	Tweeter frequency switch
C1*	BL 2-pin plug casing, on branch A3* or A5*
C2*	BL 2-pin socket casing, on tweeter E*
E*	Tweeter
F*	Mid-range speaker
G*	Woofer
X9331	NT 12-pin plug
X10364	BL 2-pin socket casing
X11007	BL 10-pin socket casing of fuse holder

All the designations marked with an asterisk (*) apply only to these installation instructions or this circuit diagram.

Cable colours

BL	Blue
BR	Brown
GE	Yellow
GN	Green
NT	Natural
RT	Red
SW	Black
WS	White