

ORIGINAL MINI ACCESSORIES. INSTALLATION INSTRUCTIONS.



JOHN COOPER WORKS PRO Aerodynamic Package Retrofit Kit. MINI (F55/F56)

Retrofit kit number

Retrofit kit number	Component designation	Type	Installation time (h)
51 19 2 339 038	Blackband front spoiler	F55/F56	0.5
51 19 2 339 041	Matt black rear spoiler	F55/F56	0.5
51 19 2 339 046	Rear PDC aerodynamic components	F56	1.0
51 19 2 339 047	Rear aerodynamic components	F56	1.0

Installation time

Installation time see table. This may vary depending on the condition of the vehicle and the equipment in it. The installation time shown does not include any time spent on programming/coding.

The calculation of the total costs for the programming time must be factored into the calculation of retrofitting costs (no invoicing via warranty).

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, wiring 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 function problems, restrict troubleshooting to approx. 0.5 hours for mechanical work and 1.0 hour for electrical work.




To avoid unnecessary extra work and/or costs, send an inquiry straight away to the technical parts support team via the Aftersales Assistance Portal (ASAP).

Quote the following information:

- Chassis number,
- Retrofit kit part number,
- A detailed description of the problem,
- Any work 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 other text.

Installation information

- All contact/bonding surfaces on the components being installed must be absolutely dry, clean, and free of wax, silicon and grease. These surfaces must be treated with suitable BMW cleaner or BMW primer (see EPC for details), as set out in the appropriate product application instructions
- If you use adhesive tape, it must be applied using a contact pressure of between 10 N/cm² and 50 N/cm²
- Take care not to damage the parts when opening the packaging
- Check that all the parts fit accurately on the car before fitting them
- All affected components and their bonding surfaces must be at room temperature for installation. The ideal relative humidity is 50%. Different values will change the specified times
- After completing the gluing and installation work, the car must remain stationary at room temperature for at least 12 hours
- If adhesives are used the car may be driven after 24 hours, and may be taken through a car wash after 48 hours. The car may only be driven at a speed of $v_{max} < 100$ km/h for 24-48 hours
- The installed parts may become loose and fly off the car if you fail to wait for the full reaction time of the primer/adhesive. Danger of accidents.
- Some of the installation steps are shown only on one side of the car. Proceed in the same way on the other side of the car.
- All pictures show LHD cars; proceed accordingly on RHD cars

 The car is ready to drive immediately after refitting of the Blackband front spoiler. ◀

Ordering instructions

The materials such as liquid adhesive, cleaner and activators are assigned to the relevant products in the EPC (see EPC for instructions and part numbers). If the EPC does not explicitly specify the materials, always use cleaner, adhesive and activator from the BMW product range.

Special tools required

None

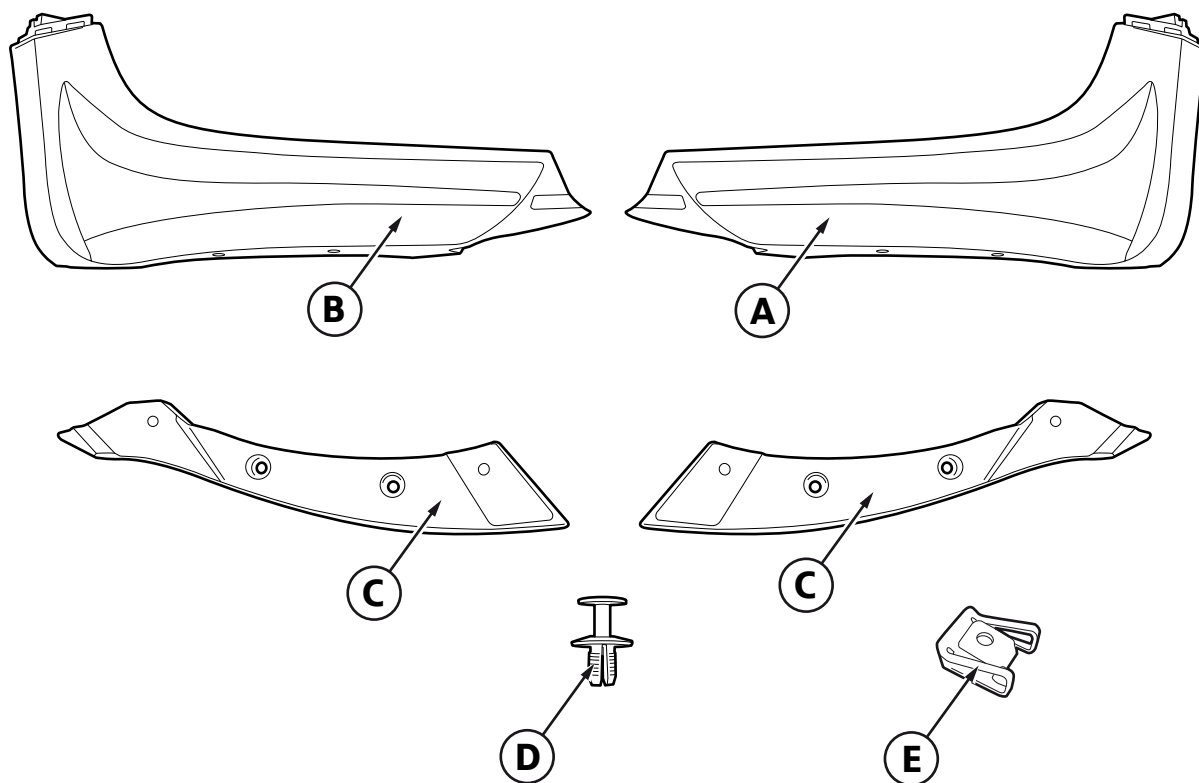
Painting instructions

Check that all the parts fit accurately on the car before painting them. Primed components must be pretreated before being painted. To ensure that they are painted correctly, the installation instructions must be made available to the painter. The BMW painting instructions must be observed (see ISTA No. 99 00 ...).

Table of contents

Section	Page
1. JCW front aerodynamic package parts list (F55/F56)	4
2. JCW rear primed aerodynamic package parts list (F56)	5
3. JCW rear spoiler parts list (F55/F56)	6
4. Preparatory work	7
5. JCW front aerodynamic package installation (F55/F56)	8
6. JCW rear primed aerodynamic package installation (F56)	9
7. JCW rear spoiler installation (F55/F56)	13
8. Concluding work and coding	15

1. JCW front aerodynamic package parts list (F55/F56)

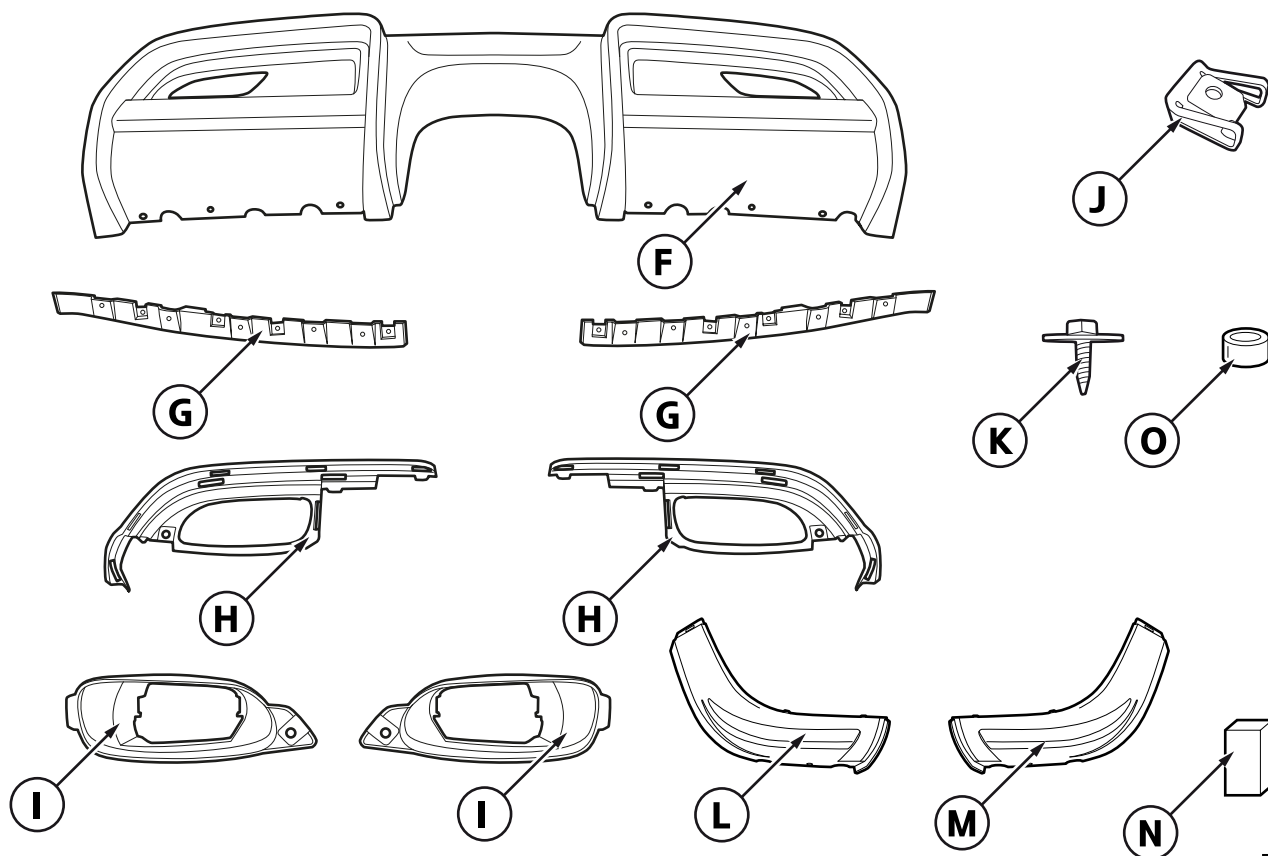


F56 0052 A

Legend

- A** Front left Blackband
- B** Front right Blackband
- C** Front adapter (2 x)
- D** Expanding rivet (4 x)
- E** C-clip (2 x)

2. JCW rear primed aerodynamic package parts list (F56)

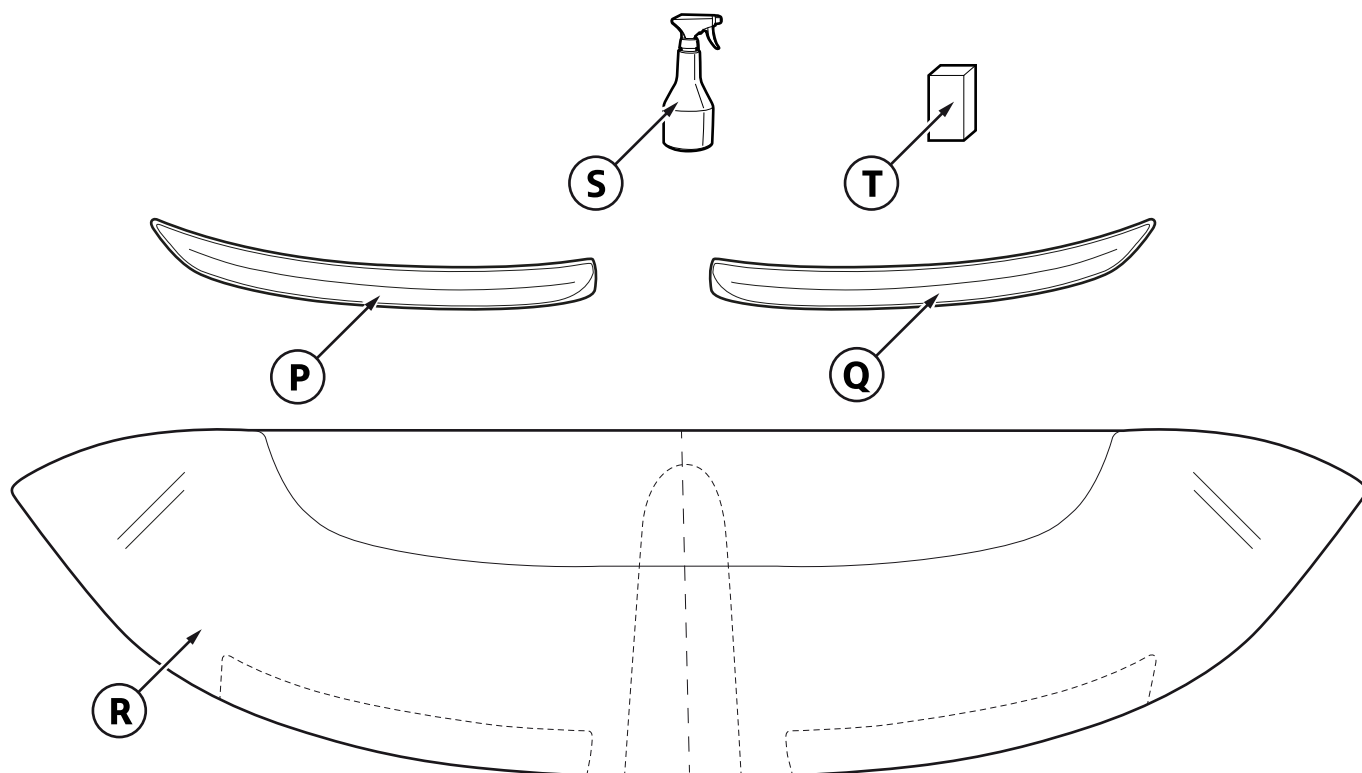


F56 0191 V

Legend

- F** Diffuser insert
- G** Bottom adapter (2 x)
- H** Top adapter (2 x)
- I** Rear fog light mount (2 x)
- J** C-clip (10 x)
- K** Hexagon screws (12 x)
- L** Rear left Blackband
- M** Rear right Blackband
- N** Liquid adhesive (not included in kit, see EPC for details)
- O** Spacer sleeves (8 x)

3. JCW rear spoiler parts list (F55/F56)



F56 0204 V

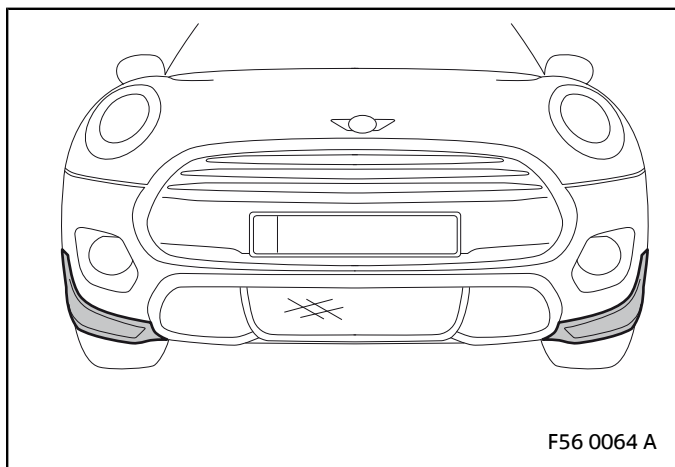
Legend

- P** Left rear spoiler add-on section
- Q** Right rear spoiler add-on section
- R** Template
- S** Cleaner (not included in kit, see EPC for details)
- T** Liquid adhesive (not included in kit, see EPC for details)

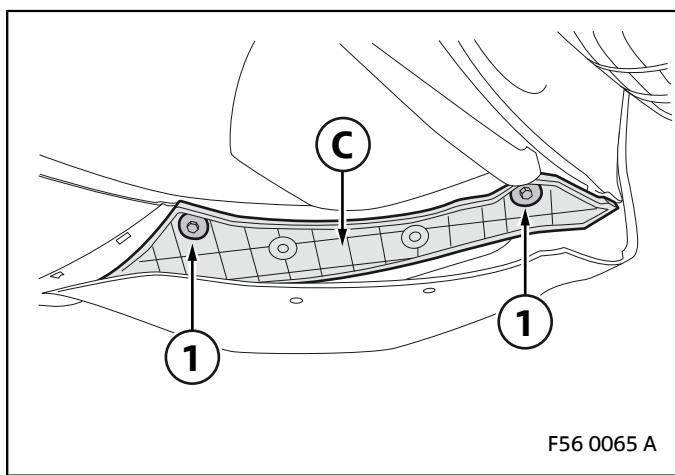
4. Preparatory work

The following components must be removed first of all	ISTA No.
Lower rear bumper trim (keep the screws and rivets, they will be required again for later installation)	51 12 ...

5. JCW front aerodynamic package installation (F55/F56)

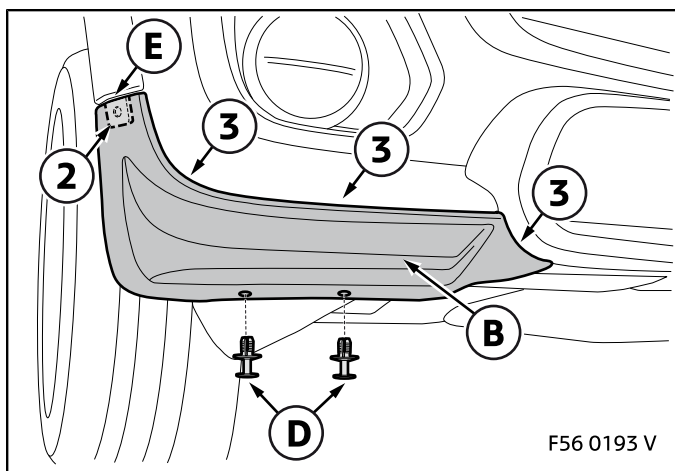


Remove the original front and left Blackband as set out in ISTA 51 12 Keep the screws for later installation.



Fit front adapter **C** at the specified positions (1) using 2 of the original screws.

▶ Install front adapter **C** on the left-hand side in the same manner. ◀



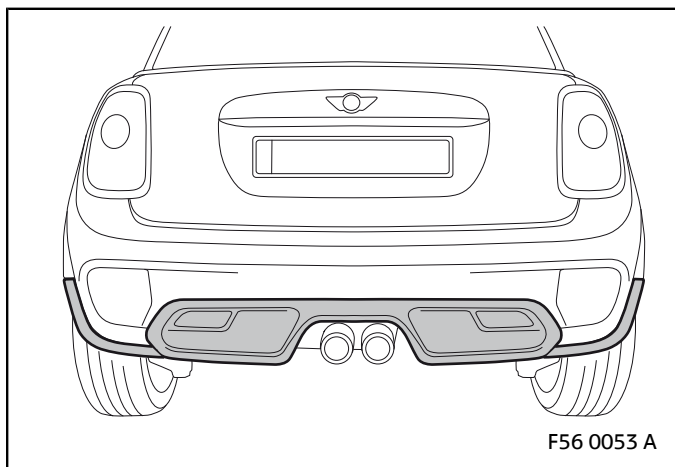
Fit C-clips **E** at the positions provided (2).

Engage right Blackband **B** in the original clip channel (3) and secure using expanding rivets **D** at the points provided.

Secure right Blackband **B** using the original screw at position (2).

▶ Install left Blackband **A** on the left-hand side in the same manner. ◀

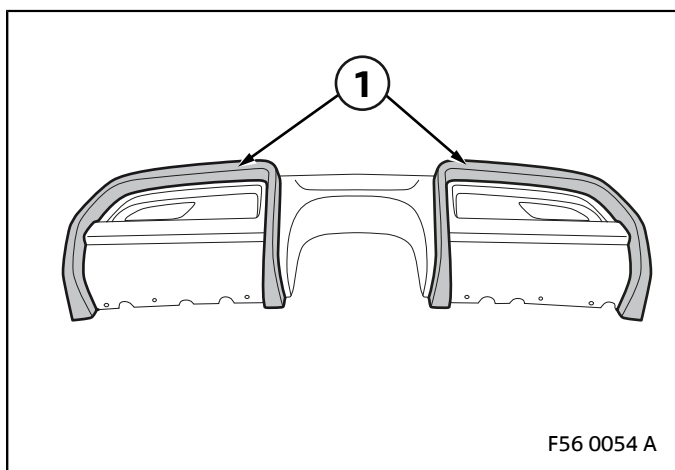
6. JCW rear primed aerodynamic package installation (F56)



Remove the rear right Blackband, rear left Blackband and diffuser as per ISTA 51 12 ... and keep the screws. Then remove the rear fog lights as per ISTA 51 12 ... and keep those also.

For cars with PDC only:

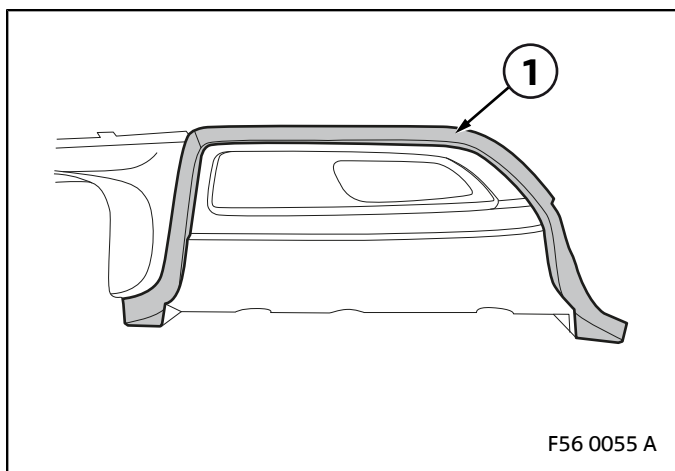
Remove the PDC sensors and install them appropriately in the JCW Pro diffuser.



▶ Diffuser insert **F** can be partially painted in the car colour, as per the customer's wishes. ◀

Before painting, mask the marked area (1) of diffuser insert **F** with masking tape using the masking tape provided.

Do not paint the masked areas.

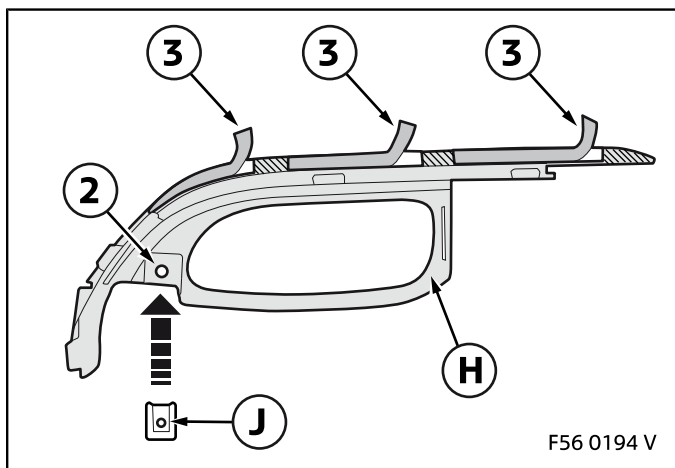


For AI01 only:

▶ See attached installation instructions. ◀

For all cars:

Sand an area (1) on the back of diffuser insert **F** and clean with a suitable agent.



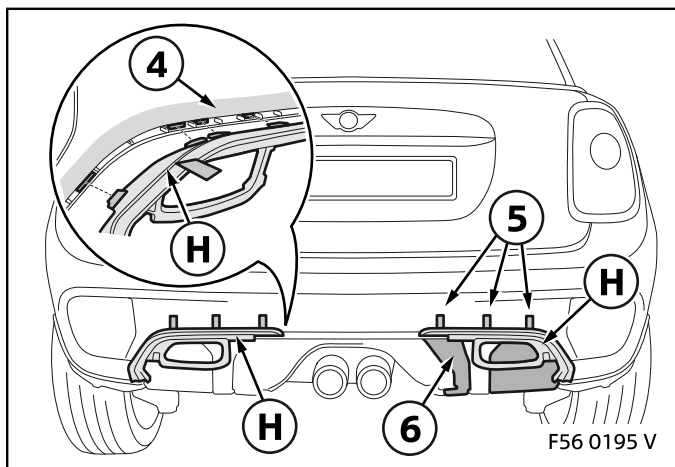
Attach C-clip **J** at the position provided (2).

Pull back the ends of the adhesive backing film on top adapter **H** far enough so that small tabs (3) form.

▶ Ensure that all tabs on the adhesive backing film (3) are visible. ◀

Sand the area shown with hatching in the diagram, clean it and apply a **small amount of liquid adhesive N.**

6. JCW rear primed aerodynamic package installation (F56)



Clean the marked area (4) with suitable agents.

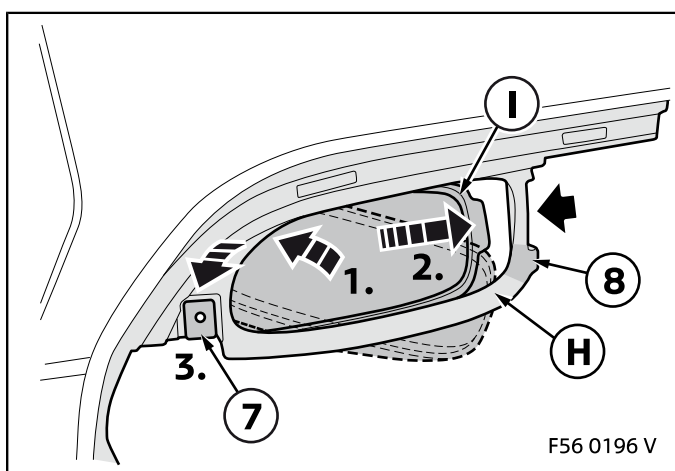
Fit top adapter **H**.

▶ When clipping in top adapter **H**, be sure to apply counterpressure to the bumper. Ensure that the plastic clips engage properly. ◀

Pull off the protective adhesive film (5) gradually towards the centre of the rear apron and press top adapter **H** firmly onto the rear apron.

▶ Install top adapter **H** on the right-hand side in a similar manner. ◀

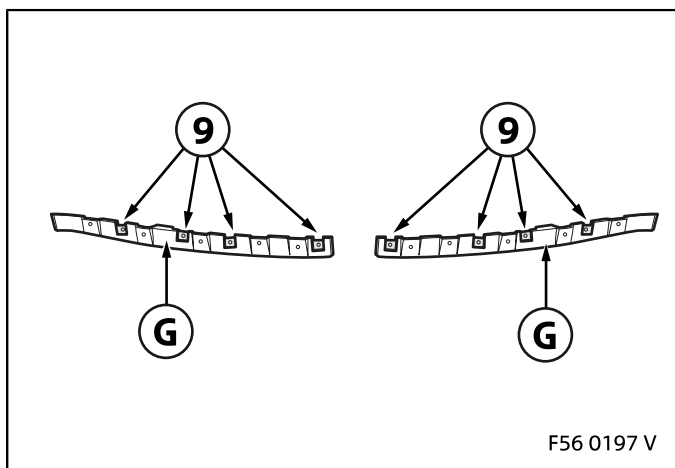
⚠ If the rear right underfloor trim (6) is not installed, it must be retrofitted as described in ISTA 51 12 For instructions, see EPC. ◀



Clip the rear fog lights into rear fog light mount **I** and connect them from behind into the guide provided on top adapter **H**. Then, from behind, use hexagon screw **K** to attach it to C-clip **J** already attached at position (7).

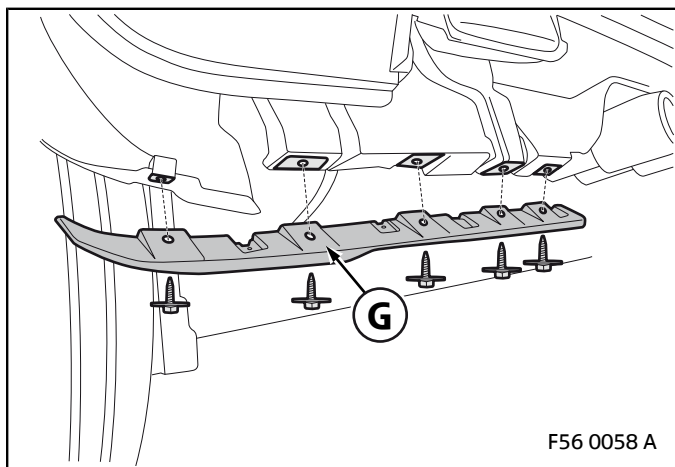
Apply a small amount of liquid adhesive to the area (8).

▶ Install rear fog lights and fog light mount **I** on the right-hand side in a similar manner. ◀



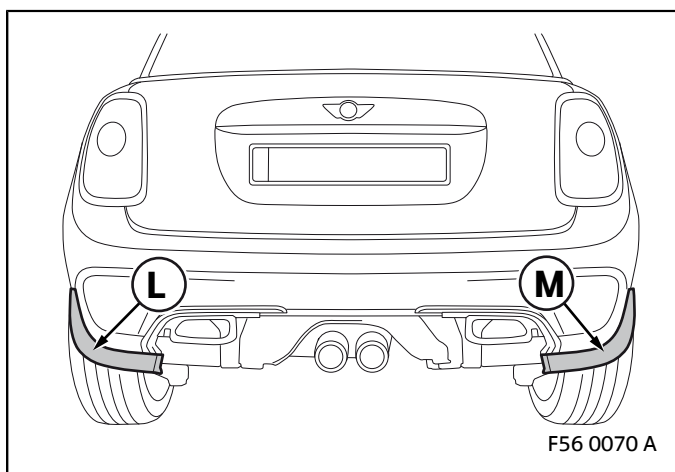
Connect C-Clips **J** in the intended positions (9) on bottom adapter **G**.

6. JCW rear primed aerodynamic package installation (F56)



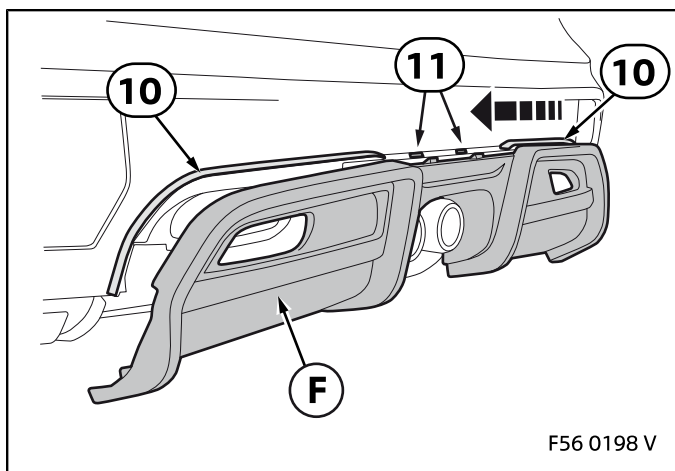
Fit bottom adapter **G** at the points provided using hexagon screws **K**.

▶ Install bottom adapter **G** on the right-hand side in the same manner. ◀



⚠ Before installing diffuser **F**, install rear left Blackband **L** and rear right Blackband **M**. ◀

Secure rear left Blackband **L** and rear right Blackband **M** using an original screw for each to the wheel arch.

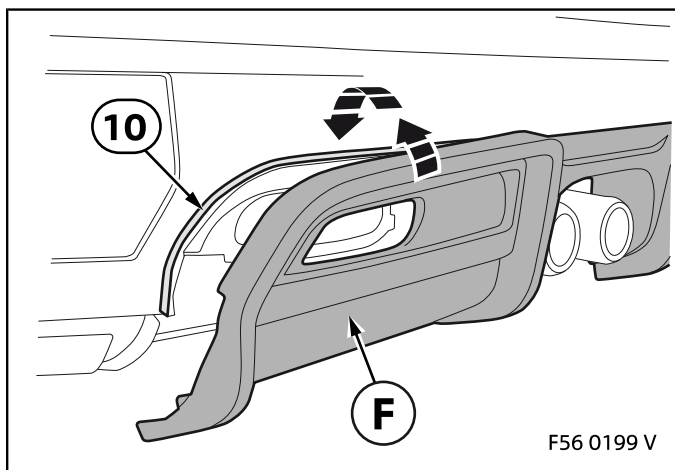


Sand the area (10), clean it and apply liquid adhesive **N**.

▶ Prepare the area (10) on the right-hand side in a similar manner. ◀

Fit diffuser insert **F** into the locking clip provided (11).

▶ Ensure that diffuser insert **F** does not contact the area treated with liquid adhesive (10).

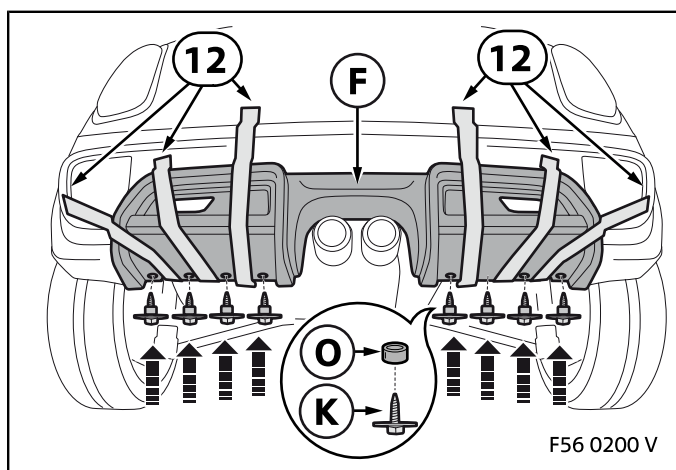


▶ When fitting diffuser insert **F**, ensure that diffuser insert **F** is slightly raised on the left and right and only then pressed onto the area prepared with liquid adhesive (10).

Remove any excess liquid adhesive immediately.

Fit the right-hand part of diffuser insert **F** in a similar manner. ◀

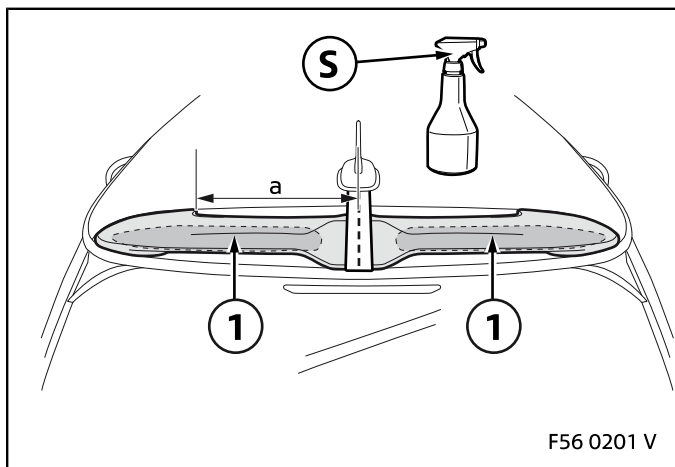
6. JCW rear primed aerodynamic package installation (F56)



Ensure that diffuser insert **F** is first secured in the positions provided using hexagon screws **K** and sleeves **O** and only then fixed in place with suitable adhesive tape (**12**).

▶ Refer to the painting instructions on page 2. ◀

7. JCW rear spoiler installation (F55/F56)



- ▶ The car surface (1) must be completely dry, clean and free from wax and grease. ◀

Clean the car surface (1) with cleaner S.

Cut out template R along the lines provided (not shown).

Stick suitable adhesive strips down the centre of the car roof from the aerial to the original rear spoiler.

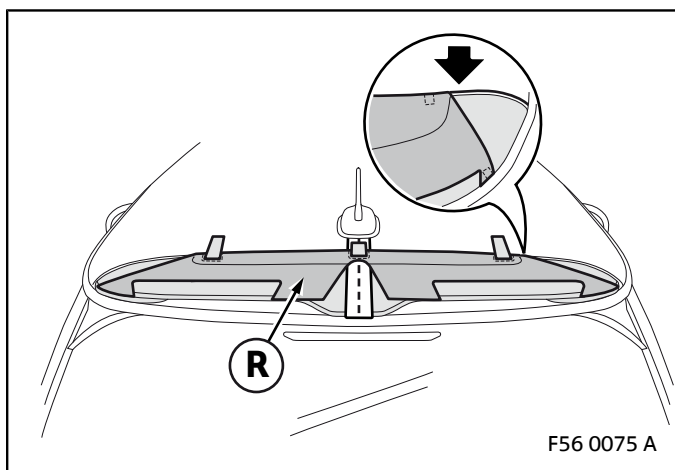
Measure $a = 311 \text{ mm}$ from the inner edge of the original rear spoiler towards the centre of the car, as shown in the figure. There, mark the exact centre of the car on the adhesive strips and draw a centre line as shown in the figure. This centre line will be required later to position the template R precisely in the centre.

- ▶ Rear spoilers can be painted in the car colour, as per the customer's wishes. ◀

Average out template R as shown first on the centre line of the adhesive strip.

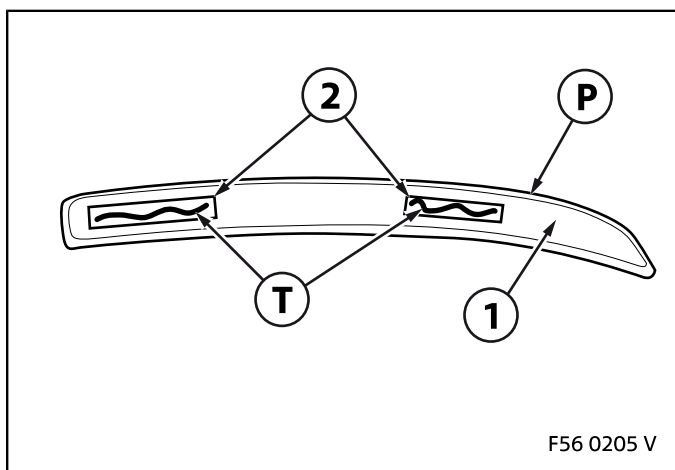
Ensure as you do so that template R is aligned with the roof edge and not with the original roof spoiler.

After positioning and aligning, secure template R at the hatched points 1 and 2 in the numbered sequence using suitable adhesive tape.

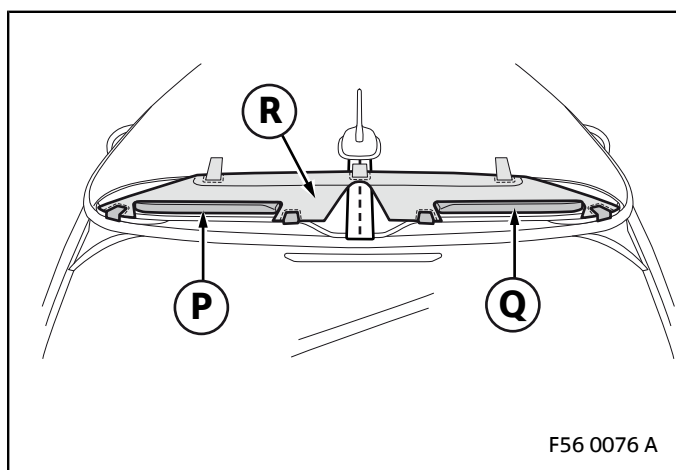


- ▶ The adhesive tape (1) must not be adversely affected by the liquid adhesive T. ◀

Abrade and clean the areas (2) of the left rear spoiler P inside the adhesive tape (1) using suitable products. Then apply liquid adhesive T as shown.



7. JCW rear spoiler installation (F55/F56)



▶ Remove any excess liquid adhesive immediately. ◀

Pull template **R** over the original spoiler and ensure that no waves develop in template **R** in the area of left rear spoiler **P** and right rear spoiler **Q** that are about to be stuck on. Then secure template **R** at the hatched points 3 and 4 in the numbered sequence using suitable adhesive tape.

Pull off the protective adhesive film of left rear spoiler add-on section **P** and press on firmly as shown in the cut-out area of template **R**.

▶ Install right rear spoiler add-on section **Q** in a similar manner on the right-hand side. ◀

Remove template **R** and any remaining glue.

8. Concluding work and coding

The retrofit system does not require programming / coding.

- Conduct a brief test
- Conduct a function test
- Re-assemble the car in a logical manner