

ORIGINAL MINI PARTS AND ACCESSORIES. INSTALLATION INSTRUCTIONS.



JOHN COOPER WORKS Silencer System Retrofit Kit.

MINI JOHN COOPER WORKS (F56, F57) built before 07/19

MINI Cooper S (F55, F56, F57) built after 07/19

Retrofit kit number

18 30 2 407 322	Silencer system for F56, F57 JOHN COOPER WORKS ECE built before 03/18
18 30 2 407 323	Silencer system for F56, F57 JOHN COOPER WORKS US built before 07/19
18 30 2 475 191	Silencer system for F56, F57 Cooper S US built after 07/19
18 30 2 475 192	Silencer system for F55 Cooper S US built after 07/19
18 30 2 445 902	Fastening for receiver unit F57

Installation time

The installation time is **approx. 3.0 hours**. This may vary depending on the condition of the vehicle 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, 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 functional 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:

- VIN,
- 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 supplied in 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

Ensure that the cables and/or lines are not kinked or damaged as you install them in the car. Costs arising from this will not be reimbursed by BMW AG.

Additional cables/wires that you install must be secured with cable ties. If the specified PIN chambers are occupied, bridges, double crimps, or twin-lead terminals must be used.

All pictures show LHD (left-hand drive) cars; proceed accordingly on RHD (right-hand drive) cars.

Workshop certificate

Print out the workshop certificate at the end of the installation instructions, fill it in and give it to the customer.

 **Only for F56, F57 JOHN COOPER WORKS cars:
If "Track mode" is used on public roads, the permit is rendered void. ◀**

Radio remote control

The silencer remote control **K** must be given to the customer along with its packaging and its function explained.

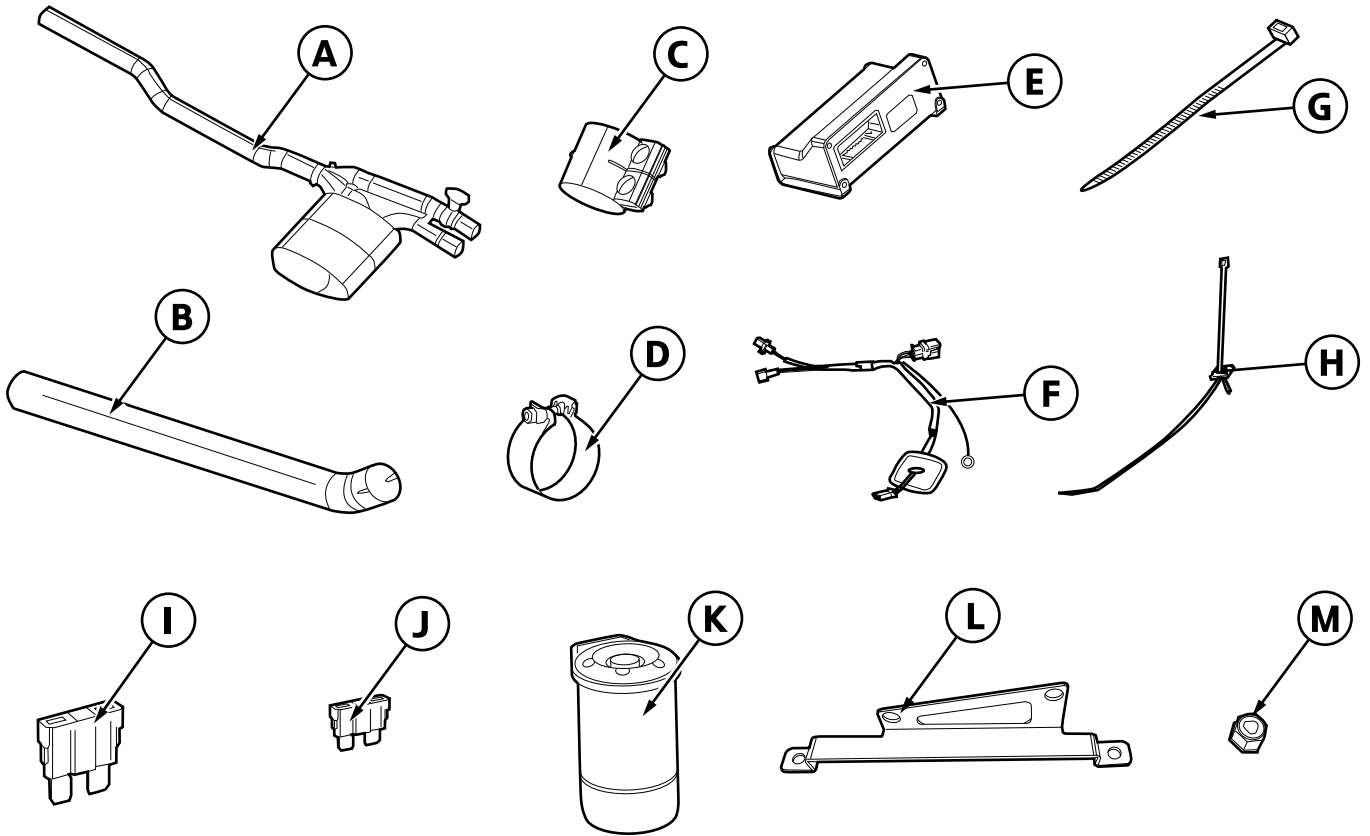
Special tools required

17 2 051, no information

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1. Silencer system parts list



F57 0012 V

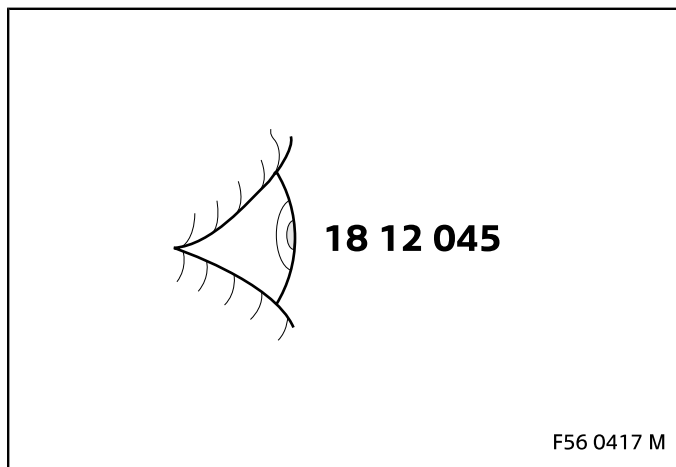
Legend

- A** Silencer
- B** Silencer front pipe
- C** Clamping sleeve
- D** Clamping ring (ECE cars only)
- E** Silencer receiver unit
- F** Silencer wiring harness
- G** Cable ties (10 x)
- H** Cable tie with retaining stop
- I** Fuse 3 A
- J** Miniature fuse 3 A
- K** Silencer remote control (including packaging)
- L** Fastening for receiver unit **(for F57 cars only)**
- M** Plastic nut **(for F57 cars only)**

2. Preparatory work

	ISTA No./AIR No.
Disconnect the negative battery cable	12 00 ...
The following components must be removed first of all	
Luggage compartment wheel arch trim, right	51 47 161
Luggage compartment floor trim	51 47 101
Finisher on the top tail panel	51 46 050
Front right or left door sill cover strip	51 47 000
Rear right or left side trim	51 43 002
Side footwell trim on the A pillar, right or left	51 43 075
Disengage the front power distribution box	61 14 ...
Entire exhaust system	18 00 018
For right-hand drive cars only	52 26 005
Rear seat	

3. Silencer system installation

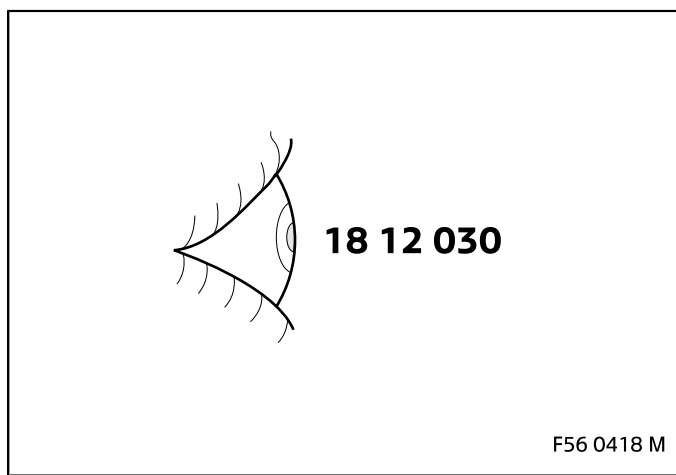


For cars without underfloor catalytic converter

Install the silencer front pipe **B**. Use the clamping clip **D** for this purpose and, contrary to **ISTA/AIR No. 18 12 045**, tighten it with a torque of **45 Nm**.

For cars with underfloor catalytic converter:

Install the silencer front pipe **B** as described in **ISTA/AIR No. 18 12 045**.



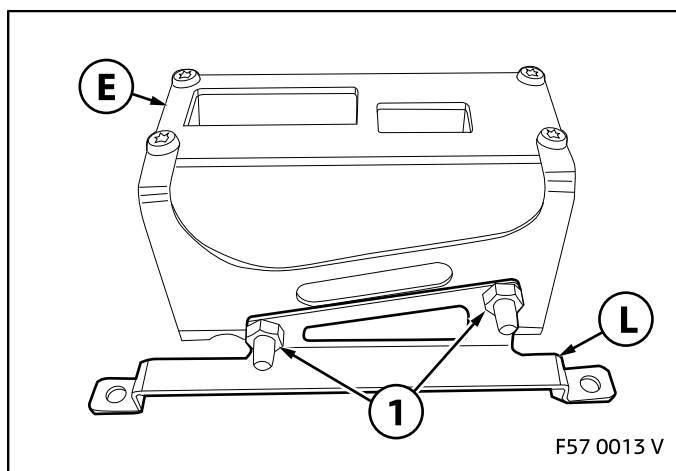
Install the silencer **A** as described in **ISTA/AIR No. 18 12 030**.

4. Installing the wiring harness

! Do **not** open the cable ties on wiring harness **F** on left-hand drive cars. The loop provides an extension for RHD (right-hand drive) cars. ◀

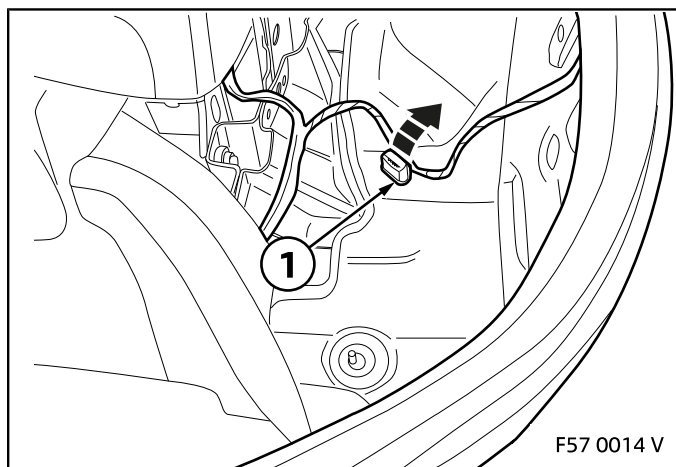
For right-hand drive cars only

Open the cable ties on wiring harness **F**.

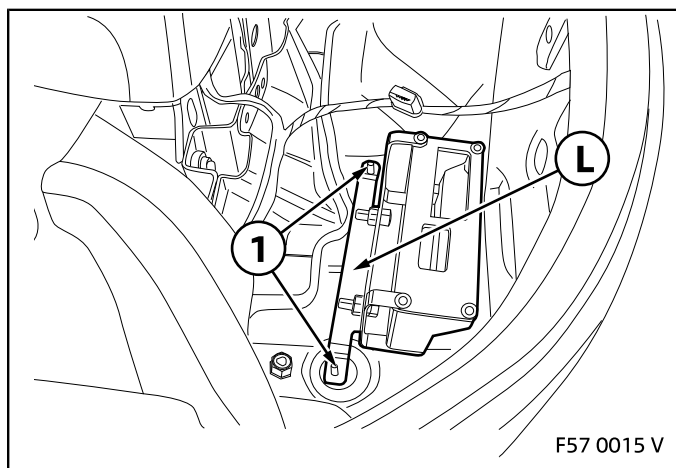


For F57 cars only

Secure the silencer receiver unit **E** to the receiver unit mounting **L** using the two existing nuts (1).

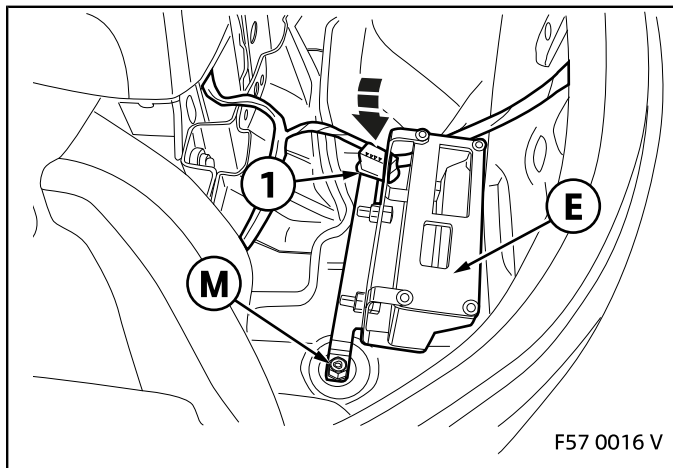


Take the cable clip (1) of the coarse thread stud bolt in the boot on the right-hand side of the car.



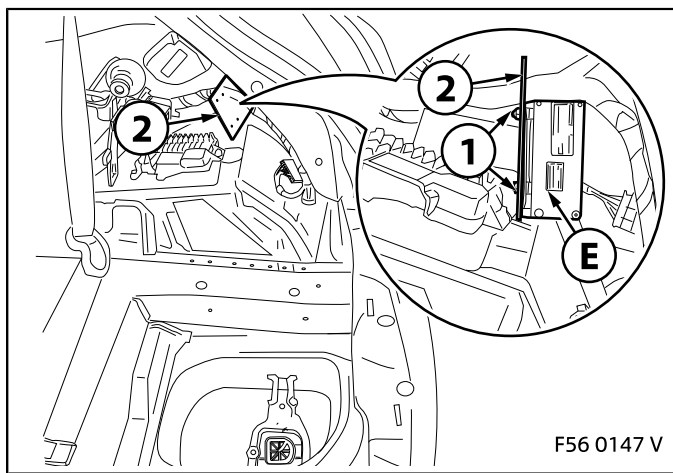
Push the fastening for receiver unit **L** onto the two coarse thread stud bolts (1) on the bodywork.

4. Installing the wiring harness



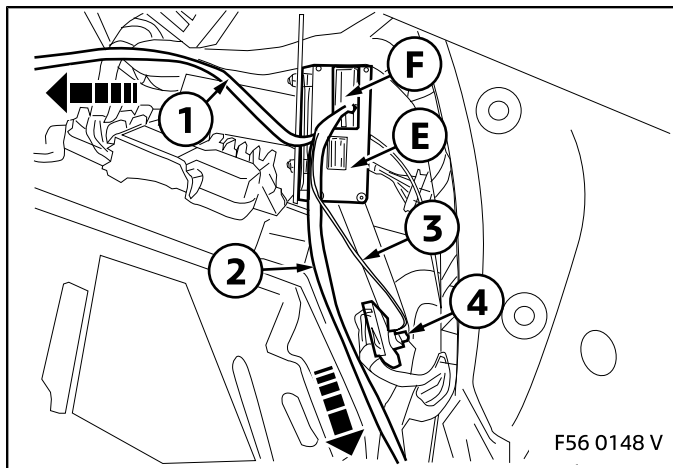
Attach the cable clip (1) to the coarse thread stud bolt on the bodywork.

Secure the plastic nut **M** to the coarse thread stud bolt.



For all cars

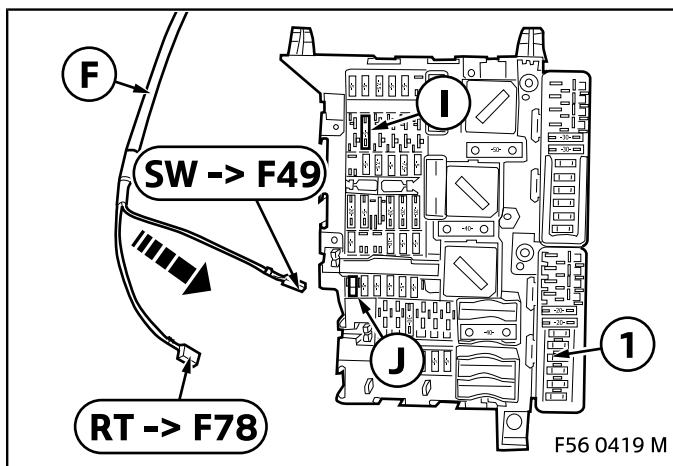
Secure the silencer receiver unit **E** to the holding plate (2) using the nuts (1).



Connect the wiring harness **F** to the silencer receiver unit **E**. Route the long cable (1) from the wiring harness **F** using cable ties **G** to the front along the existing wiring harness into the passenger side footwell.

Route the cable (2) from the wiring harness **F** downwards.

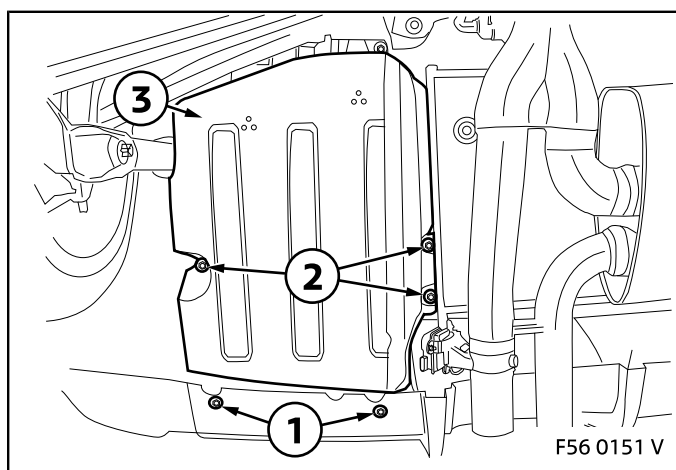
Secure the earth cable (3) to the car's ground support point (4).



Connect the red cable (**RT**) from the wiring harness **F** to fuse plug **F78**. Insert the fuse **I** into slot **F78** (terminal 30B).

Connect the black cable (**SW**) from the wiring harness **F** to fuse plug **F49**. Insert the miniature fuse **J** into slot **F49** (terminal 15N).

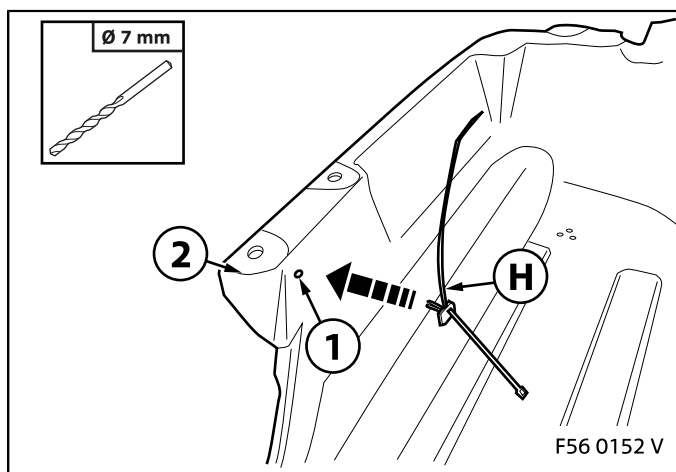
4. Installing the wiring harness



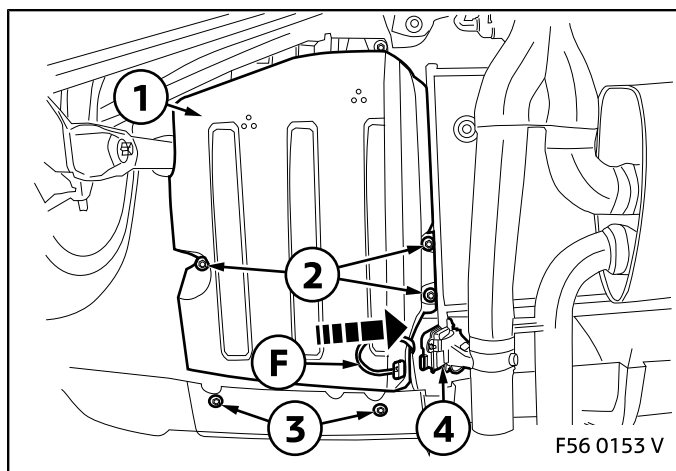
Remove the two screws (1) from the rear bumper.

Remove the three screws (2) from the underfloor liner (3).

Remove the underfloor liner (3).



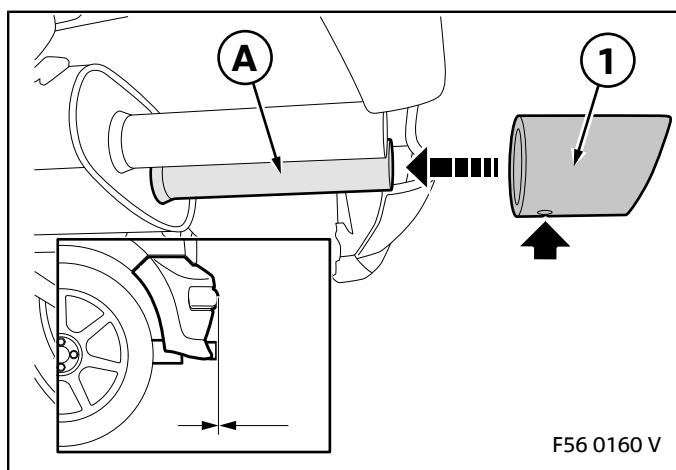
Drill a hole (1) with a **diameter of 7 mm** in the underfloor liner (2). Press the cable tie retaining bung into the borehole (1) along with retaining bung H from the inside. Secure the wiring harness F using cable tie H inside the underfloor liner (2).



Reinstall the underfloor line (1). Tighten the three existing screws (2) for this purpose. Then secure the rear bumper trim in place using the two existing screws (3).

Connect the plug from the wiring harness F to the exhaust valve adjuster (4).

5. Concluding work and coding



▶ The exhaust pipe finishers (1) must be aligned centred and parallel and must not extend beyond the bodywork parts situated above them. ◀

Align the exhaust pipe finishers (1) flush with the bodywork parts situated above them and tighten to **3 Nm**.

- This retrofit does not require coding
- Re-assemble the car
- Conduct a brief test

6. Workshop certificate for F56, F57 JOHN COOPER WORKS



Workshop certificate JOHN COOPER WORKS Silencer system

This is to confirm that the JOHN COOPER WORKS silencer system has been installed in full on the vehicle specified below.

No additional components have been converted or retrofitted.

Part number

18 30 2 407 322	Silencer system	F56, F57 JOHN COOPER WORKS ECE built before 03/18
18 30 2 407 323	Silencer system	F56, F57 JOHN COOPER WORKS US built before 07/19
18 30 2 445 902	Mounting for receiver unit	F57

The use of "Track mode" on public roads renders the permit void.

Car model:

Vehicle identification no.:

Name and address of the vehicle owner:

Place, date

Signature of person responsible

Dealership (company name / stamp)

7. Workshop certificate for F55, F56, F57 Cooper S



Workshop certificate JOHN COOPER WORKS Silencer system

This is to confirm that the JOHN COOPER WORKS silencer system has been installed in full on the vehicle specified below.

No additional components have been converted or retrofitted.

Part number

18 30 2 475 191	Silencer system	F56, F57 Cooper S US built after 07/19
18 30 2 475 192	Silencer system	F55 Cooper S US built after 07/19
18 30 2 445 902	Mounting for receiver unit	F57

Car model:

VIN:

Name and address of the vehicle keeper:

Place, date

Signature of person responsible

Dealership (company name/stamp)