



RENAULT CONFIDENTIAL

CLIO 2

See list on next page

Cancels and replaces Technical Note No. 0871C dated NOVEMBER 2007.

Modifications: Modifications to the technical solution.



BONNET LOCK AND SAFETY CATCH

OTS: 0AW3

MARK: K4

Other sub-section concerned:



Basic manual:

Workshop Repair Manual: **338**

Driver's Handbook: **CLIO 2**

Vehicle types are given for information only.

ESSENTIAL- before any operation is carried out:

Check the application conditions:

– Vehicle affected by OTS 0AW3.

Confirm the fault finding:

– Consult the fault finding flow charts.

CHECK THAT THE VEHICLE IS AFFECTED BY OTS 0AW3

- Countries with PGCS

Network with ICM:

Refer to the "List of YELLOW OTS operations to be carried out" in ICM.

"The repair procedures given by the manufacturer in this document are based on the technical specifications current when it was prepared.

The procedures may be modified as a result of changes introduced by the manufacturer in the production of the various component units and accessories from which the vehicles are constructed".

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NON-SIDE OPENING ELEMENTS

Bonnet lock and safety catch

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LIST OF VEHICLES LIKELY TO BE AFFECTED

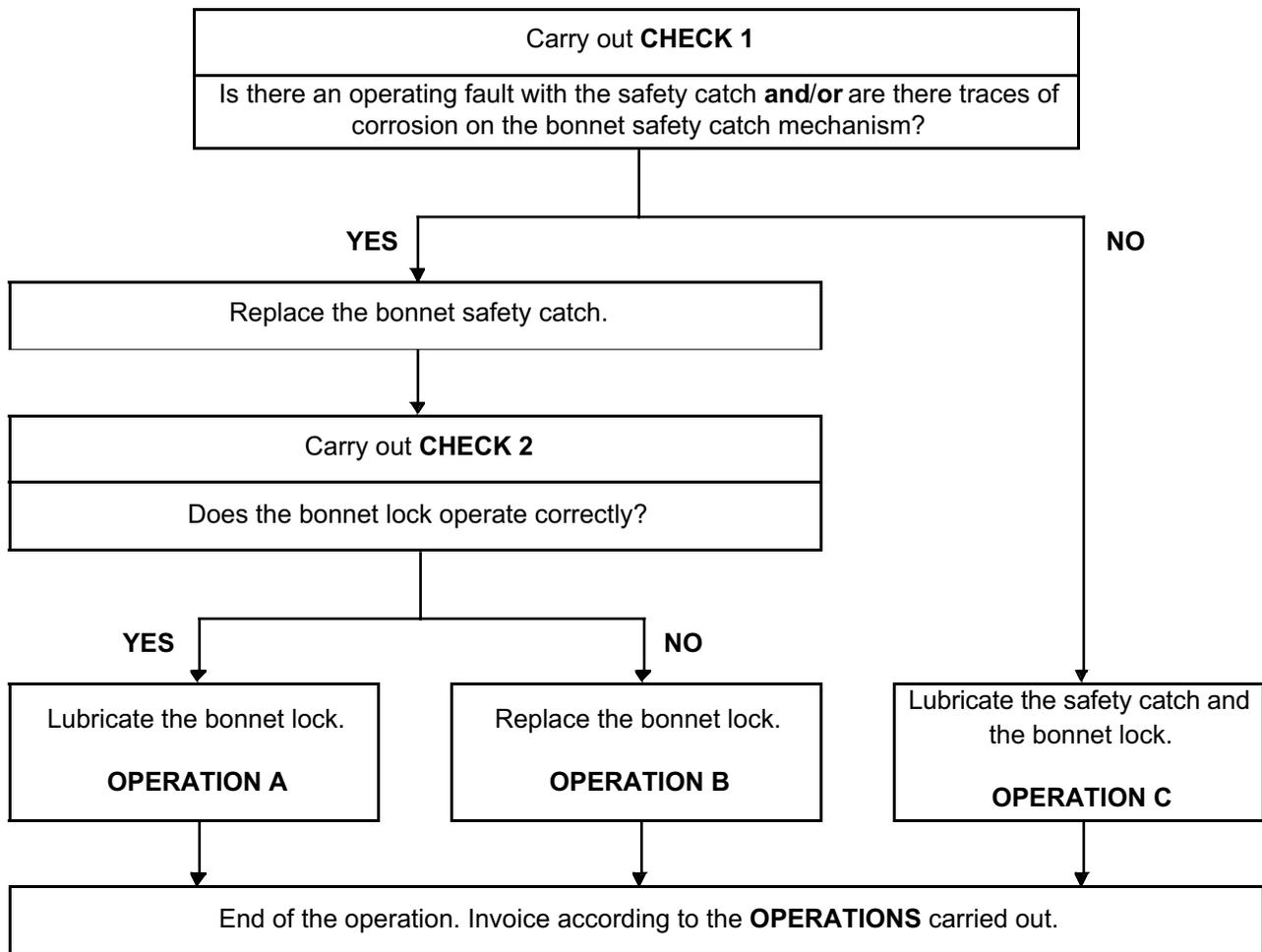
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BB0 A	W 057474	W 184103
BB0 A	Y 025567	Y 025808
BB0 C	F 000466	F 020345
BB0 C	Y 007214	Y 009171
BB0 D	F 000252	F 035027
BB0 D	Y 001982	Y 001985
BB0 E	F 000534	F 038587
BB0 F	F 005236	F 338893
BB0 H	F 000004	F 001343
BB0 J	F 000014	F 036829
BB0 L	F 000593	F 018108
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BB0 P	Y 548382	Y 548482
BB0 S	F 000001	F 019775
BB0 T	F 000010	F 004083
BB0 U	F 000533	F 010642
BB0 V	F 000016	F 007803
BB0 W	F 260558	F 707073
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BB0 7	F 021007	F 801757
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BB0 8	F 000023	F 800827
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BB2 J	Y 569132	Y 954436
BB2 T	F 639844	F 801815
BB3 M	Y 955215	Y 979159
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CB0 A	W 032507	W 032618
CB0 B	F 000001	F 000394
CB0 C	F 000083	F 012819
CB0 D	F 000071	F 019489
CB0 E	F 000395	F 009591
CB0 F	F 008383	F 341490
CB0 H	F 000004	F 002249
CB0 J	F 000003	F 002621
CB0 L	F 000175	F 009366
CB0 M	K 000999	K 006946

Type	from	to
CB0 P	F 000001	F 774112
CB0 P	Y 421200	Y 438980
CB0 S	F 000002	F 017226
CB0 T	F 000046	F 021454
CB0 U	F 000284	F 003981
CB0 V	F 000192	F 001153
CB0 W	F 000007	F 716037
CB0 5	F 000003	F 672198
CB0 5	W 081578	W 081578
CB0 7	F 260013	F 774030
CB0 7	W 139046	W 139046
CB0 7	Y 419403	Y 444563
CB0 8	F 000052	F 772899
CB1 A	H 343286	H 541663
CB1 C	K 000008	K 002188
CB1 D	F 000008	F 774109
CB1 K	Y 445358	Y 772205
CB1 L	F 000012	F 647848
CB1 N	K 000105	K 044766
CB1 U	K 039353	K 045348
CB2 D	F 345886	F 774074
CB2 D	Y 420466	Y 443850
CB2 G	F 640018	F 774055
CB2 J	Y 443395	Y 759386
CB2 T	F 659832	F 774108
CB2 T	K 299168	K 311267
CB2 T	Y 420186	Y 444785
CB2 U	Y 445439	Y 773241
CB2 2	K 000009	K 311280
CB3 M	Y 755881	Y 772189
SB0 E	F 000001	F 000778
SB0 J	F 000006	F 006109
SB0 7	F 261182	F 552403
SB0 7	Y 288027	Y 318557
SB2 J	Y 322845	Y 623670
SB3 M	Y 624789	Y 631814

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IMPORTANT

- If there is any doubt about whether or not there is corrosion present on the safety catch, replace the bonnet safety catch.
- The bonnet lock should only be replaced if it does not work.
- **OPERATION B** requires parts to be returned.

TECHNICAL DATA

Preventive operation

- Replacement **and/or** lubrication:
 - of the bonnet lock.

And/or

- of the bonnet safety catch.

Objective

- To ensure correct operation of the bonnet lock and safety catch.

Marking the vehicle after work has been carried out

- Affix a blue label to the driver's side front shock absorber turret:
Part no.: 49 39 031 079.
- Mark a cross in box **K4** using a marker pen.

Operation to be carried out

According to the result of the checks (see **flow chart**):

– Case 1:

- Replace the bonnet safety catch and lubricate the bonnet lock: **Operation A.**

– Case 2:

- Replace the bonnet lock and safety catch: **Operation B.**

– Case 3:

- Lubricate the bonnet lock and safety catch: **Operation C.**

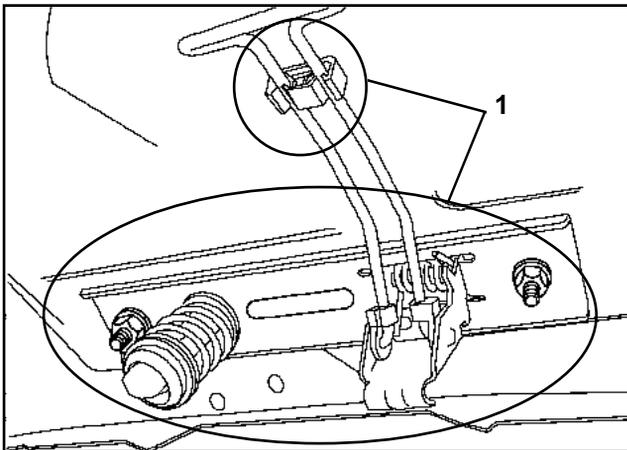
Description of the operation

CHECK 1

Checking for the presence of corrosion on the safety catch and checking the operation of the bonnet safety catch mechanism.

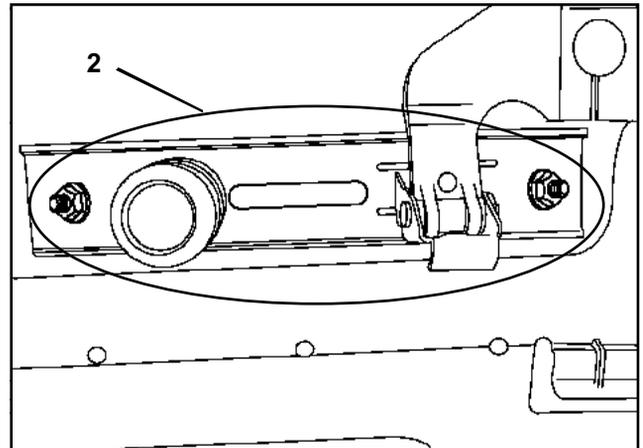
- Check for corrosion on the bonnet safety catch mechanism assembly.
- Check the correct operation of the bonnet safety catch:
 - pull the handle to move the safety catch,
 - check that the catch moves all the way,
 - bring the bonnet into contact with the front cross member, in order to engage the safety catch in its housing on the cross member, without locking the bonnet lock.
 - raise the bonnet to check that the safety catch holds the bonnet and thus prevents it opening completely.

On CLIO 2 Phase 1



1 – Areas at risk of corrosion

On CLIO 2 Phase 2



2 – Area at risk of corrosion

CHECK 2

Checking the operation of the bonnet lock.

- Move the lock from the inside and check that the lock segment returns correctly.
- Check the correct operation of the bonnet lock:
 - hold the bonnet in the centre,
 - lower it to 20 cm above its closed position,
 - release the bonnet,

Note

When operating correctly, the bonnet should close by itself under its own weight from a height of 20 cm.

OPERATION A

Replacement of the bonnet safety catch and lubrication of the bonnet lock

REPLACEMENT OF THE BONNET SAFETY CATCH

REMOVAL

- Remove the two mounting nuts of the bonnet safety catch.
- Disconnect the pull handle clip.

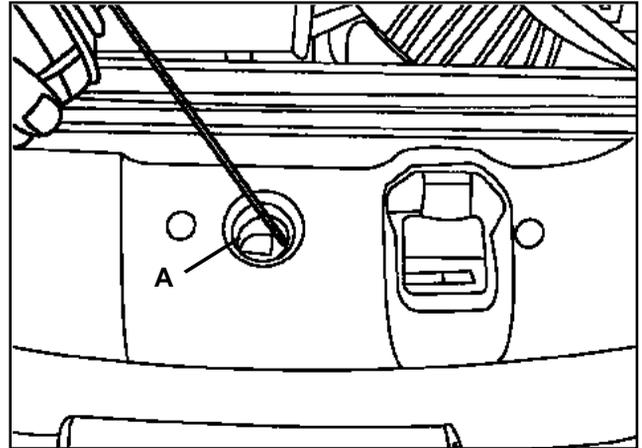
REFITTING

- Refit a new bonnet safety catch.
- **Torque tighten to 8 N.m** the two new mounting nuts of the bonnet safety catch.
- Reconnect the pull handle clip.
- Check the correct operation of the bonnet safety catch:
 - pull the handle to move the safety catch,
 - check that the catch moves all the way,
 - raise the bonnet to check that the safety catch holds the bonnet and thus prevents it opening completely.

LUBRICATION OF THE BONNET LOCK

Note

Only lubricants referred to in this Technical Note **are authorised.**



A – Bonnet lock segment hinge

- Apply **releasing agent, part no. : 77 11 23 61 66** to the bonnet lock segment hinge (**A**).
- Leave to work for **5 minutes** with the bonnet open, then activate the bonnet lock several times successively using the opening control in the passenger compartment.
- Repeat the operation from the start by applying **lubricant, part no. : 77 11 27 56 16**.

OPERATION B

Replacement of the safety catch and bonnet lock

REPLACEMENT OF THE BONNET SAFETY CATCH

REMOVAL

- Remove the two mounting nuts of the bonnet safety catch.
- Disconnect the pull handle clip.

REFITTING

- Refit a new bonnet safety catch.
- **Torque tighten to 8 N.m the two new mounting nuts** of the bonnet safety catch.
- Reconnect the pull handle clip.
- Check the correct operation of the bonnet safety catch:
 - pull the handle to move the safety catch,
 - check that the catch moves all the way,
 - raise the bonnet to check that the safety catch holds the bonnet and thus prevents it opening completely.

REPLACEMENT OF THE BONNET LOCK

REMOVAL

- Remove:
 - the upper mounting bolts of the radiator grille (see **Radiator grille**) (MR 338, 55A, Exterior protection),
 - the mounting bolts of the bonnet lock on the cross member, accessible by raising the upper part of the radiator grille.
- Disconnect the bonnet opening control cable without folding it.

REFITTING

- Connect the bonnet opening control cable to the new bonnet lock.
- Refit the new bonnet lock on the cross member, leaving the mounting free.
- Adjust the position of the bonnet lock on the cross member:
 - lean the bonnet on the cross member in order to bring the safety catch pin and the lock into contact.
 - **torque tighten to 8 N.m the mounting bolts** of the bonnet lock.
- Refit the upper mounting bolts of the radiator grille (see **Radiator grille**) (MR 338, 55A, Exterior protection).

Note

When operating correctly, the bonnet should close by itself under its own weight from a height of **20 cm**.

- Check the correct operation of the bonnet lock:
 - hold the bonnet in the centre,
 - Lower the bonnet to **20 cm** above its closed position,
 - release the bonnet.

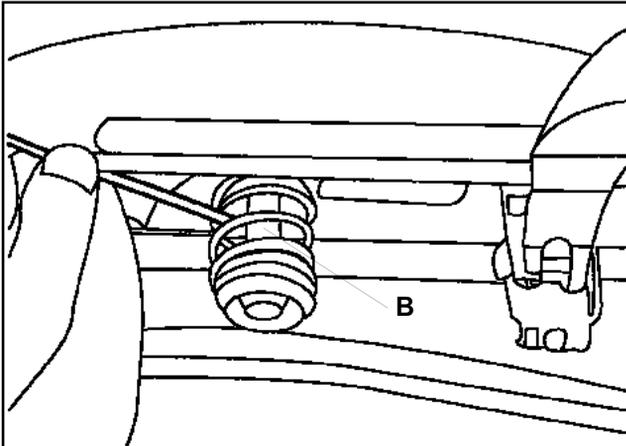
OPERATION C

Lubrication of the safety catch and bonnet lock

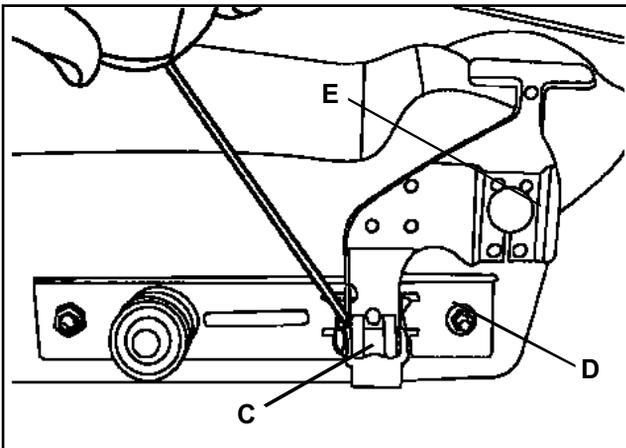
Note

Only lubricants referred to in this Technical Note are authorised.

LUBRICATION OF THE BONNET SAFETY CATCH



B – Bonnet catch pin



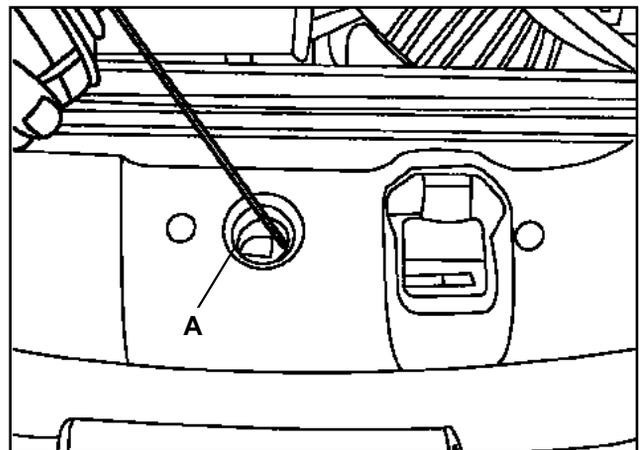
C – Hinge joint of the pull handle on the catch

D – Hinge joint of the catch on the plate

E – Retaining clip on the bonnet

- Apply releasing agent, **part no. : 77 11 27 56 16** to the following parts of the bonnet safety catch between:
 - the bonnet catch pin and its slide (**B**),
 - the plastic or metal pull handle (**C**) (depending on the model) and its hinge joint,
 - the bonnet safety catch and its hinge joint on the plate (**D**),
 - the pull handle and its retaining clip on the bonnet (**E**).
- Leave to work for **5 minutes** then activate the bonnet safety catch several times in succession by moving the safety catch and
- Slide the bonnet catch slide on its pin.
- Repeat the operation from the start, applying **lubricant part number: 77 11 27 56 16**.

LUBRICATION OF THE BONNET LOCK



A – Bonnet lock segment hinge

- Apply **releasing agent, part no. : 77 11 23 61 66** to the bonnet lock segment hinge (**A**).
- Leave to work for **5 minutes** with the bonnet open, then activate the bonnet lock several times successively using the opening control in the passenger compartment.
- Repeat the operation from the start by applying **lubricant, part no. : 77 11 27 56 16**.

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CLAIM COMPLETION AND CODING

When to take action

- When a recall letter has been sent to the customer and/or the first time the vehicle is brought into the workshop.

Parts and times required

CHECKS AND OPERATION A

Replacement of the bonnet safety catch (including lubrication).

Parts required

According to the "Spare Parts" catalogue or Dialogys.

1	Safety catch
2	Mounting nut

Time required

Code	Description	Time
0096	Application of OTS	0.2
7601	Replacement of the bonnet safety catch	0.1
TOTAL		0.3

CHECKS AND OPERATION B

Replacement of the safety catch and bonnet lock (including necessary lubrication).

Parts required

According to the "Spare Parts" catalogue or Dialogys.

1	Bonnet lock
1	Safety catch
2	Mounting nut

Time required

Code	Description	Time
0096	Application of OTS	0.2
7604	Replacement of the bonnet lock and safety catch	0.4
TOTAL		0.6

CHECKS AND OPERATION C

Lubrication of the bonnet safety catch and lock: **OPERATION NOT COVERED IN THE FRAMEWORK OF THIS OTS.**

Destination of removed parts

- In accordance with warranty directives.

Accounts procedure

- In accordance with warranty directives.

OTS code: **0AW3** (0 = Zero)

- Closure date: **According to the Manufacturer's instructions.**