

Checking Front Hood Lock Cable and Reworking it if Necessary (Warning "Hood open" in instrument cluster/SY2616)

Symptom

The warning "Hood open" is displayed in the instrument cluster.

Cause, introduction date and remedial action

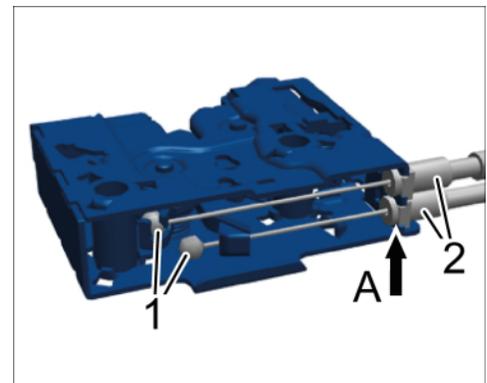
Cause Due to incorrect fitting of the front hood lock cable, there is a possibility that the cable will rub against the microswitch for the hood lock. This will damage the microswitch. As a result, the warning "Hood open" will be displayed in the instrument cluster.

Model Year: **As of 2014 up to 2017**

Date of introduction From April 20, 2016, correct fitting of the front left and right hood lock cables is assured during production inspection.

Remedial action In the event of a customer complaint, check the following points:

- Check correct fitting ⇒ *Checking front hood lock cable at the left and right -arrow A-* of front hood lock cable ⇒ *Checking front hood lock cable at the left and right -2-* on front hood lock at the left and right.
- Check microswitches in front hood lock at the left and right for damage.



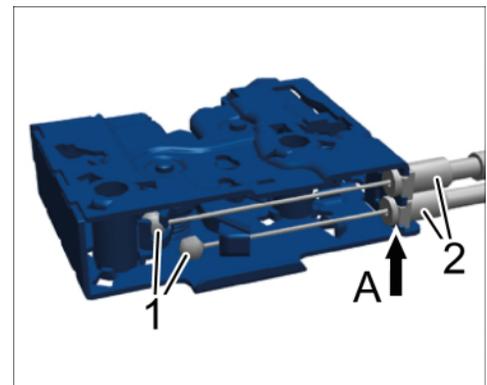
Checking front hood lock cable at the left and right

Parts Info:

Part No.:		Number:
95B.823.509	⇒ Front hood lock Includes: • Microswitch for front hood lock	x ea. ⇒ Quantity "x" depends on the damage.

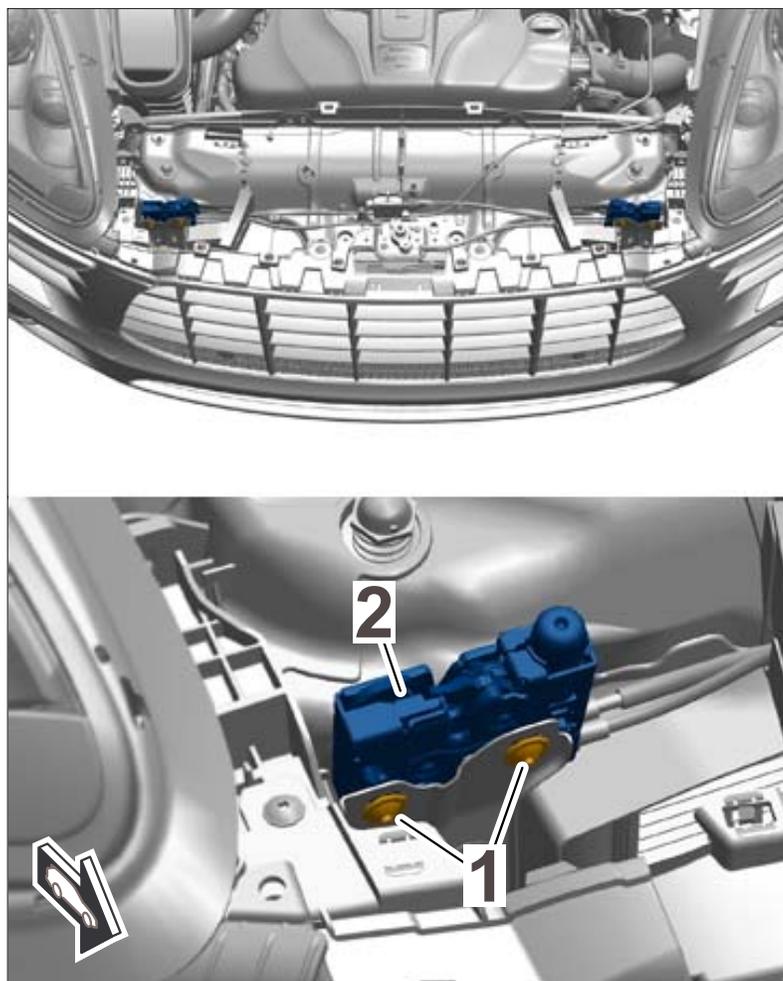
Checking front hood lock cable

- Work Procedure: 1 Remove cover on front lock support. ⇒ *Workshop Manual '703919 Removing and installing cover for front lock support - section on "Removing"*
- 2 Check whether the front hood lock cable ⇒ *Checking front hood lock cable at the left and right -2-* is secured correctly to the front hood lock at the left and right ⇒ *Checking front hood lock cable at the left and right -arrow A-*:
- 2.1 If the front hood lock cable ⇒ *Checking front hood lock cable at the left and right -2-* is secured correctly to the front hood lock at the left and right ⇒ *Checking front hood lock cable at the left and right -arrow A-*:
⇒ The cause of the fault is not the cause described here. Find the cause of the fault and correct it.
- 2.1.1 Install cover for front lock support if necessary. ⇒ *Workshop Manual '703919 Removing and installing cover for front lock support - section on "Installing"*
End of action required.
- 2.2 If the front hood lock cable ⇒ *Checking front hood lock cable at the left and right -2-* is **not** secured correctly to the front hood lock at the left and/or right, continue with ⇒
- 3 Check whether the microswitch for the front hood lock ⇒ *Checking microswitches for front hood lock -2- at the left or right* is chafed/damaged:
- 3.1 If the microswitch for the front hood lock ⇒ *Checking microswitches for front hood lock -2- at the left or right* is not chafed/damaged:
⇒ The cause of the fault is not the cause described here. Find the cause of the fault and correct it.
- 3.1.1 Install cover for front lock support if necessary, see ⇒ *Workshop Manual '703919 Removing and installing cover for front lock support - section on "Installing"*
End of action required.



*Checking front hood lock cable
at the left and right*

- 3.2 If one of the two microswitches for the front hood lock ⇒ *Checking microswitches for front hood lock -2-* is chafed/damaged:
 ⇒ Replace the relevant front hood lock ⇒ *Checking microswitches for front hood lock -2-*, see ⇒ *Workshop Manual '551719 Removing and installing lower part of front lid lock'*.



Checking microswitches for front hood lock

For documentation using PQIS, enter the following coding:

Location (FES5)	55140	Operating cable for front hood lock
Damage type (SA4)	1025	Fitted loosely

- References:
- ⇒ *Workshop Manual '703919 Removing and installing cover for front lock support - section on "Installing"*
 - ⇒ *Workshop Manual '551719 Removing and installing lower part of front lid lock'*

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