



Technical Service Bulletin

57 Vehicle locking system, diagnostic information

57 19 54 2022032/8 March 13, 2019. Supersedes Technical Service Bulletin Group 57 number 16-26 dated June 28, 2016 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A6	2005 - 2019	All	Not Applicable
A7	2012 - 2019	All	Not Applicable
A8	2011 - 2019	All	Not Applicable
Q3	2015 - 2019	All	Not Applicable
Q7	2007 - 2019	All	Not Applicable
Q8	2019	All	Not Applicable
A4, Q5	2009 - 2019	All	Not Applicable
A3, A5, A5 Cabriolet, TT, and R8	2010 - 2019	All	Not Applicable

Condition

REVISION HISTORY		
Revision	Date	Purpose
8	-	Revised header data (Added MY 2019) Revised <i>Service</i> (Updated opening and added tables)
7	06/29/2016	Revised header data (Added A4 (8W), Q7(4M), and model years) Revised <i>Service</i> (Added information for A4 (8W) and Q7(4M))
6	07/18/2014	Revised header data (Added model year) Revised <i>Service</i> (Added A3 (8V) and Q3 models)

The customer asks about the operation of locking the vehicle, and may suggest that the vehicle has "locked itself".

Technical Background

The lock command history is stored in the comfort system central control module, J393 (address word 0046) or the central locking control module, J429 (address word 0009).



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Production Solution

Not applicable.

Service

To identify the source of why a vehicle locked or unlocked, inspect the vehicle's locking history.

Reference the information applicable to your vehicle below.

Be aware that the vehicle has a maximum number of events which it can store. In some cases, the historical data which corresponds to a concern may have been overwritten by more recent events.

A3 (8P), Q3 (8U), R8 (42), and TT (8J):

Control Module: Central Locking Control Module Address 0009

Number Of Events: 10

MVB: 101-110

Source Location: Field 1

Lookup Table: A



Tip: For A3 (8P), TT, and R8 models, the measuring value blocks are only available from model year 2010.

A3 (8V) and TT (FV):

Control Module: Central Locking Control Module Address 0009

Number Of Events: 10

MVB: "central locking history data"

Lookup Table: A

A4 (8K), A5, Q5, A6/A7 (4G), A8 (4H), and R8 (4S):

Control Module: Comfort System Control Module Address 0046

Number Of Events: 5

MVB: 55-59

Last Event Location: Field 1

Lookup Table: A



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Table A	
ID	Value
0	No Data Available
1	Lock Cylinder, L/F
2	Lock Cylinder, R/F
3	Lock Cylinder, Trunk
4	Remote Control Key
5	Remote Control Key, Trunk Button
6	Door Handle Sensor, L/F
7	Door Handle Sensor, R/F
8	Door Handle Sensor, L/R
9	Door Handle Sensor, R/R
10	Keyless Entry, Trunk
11	Interior Button, L/F
12	Interior Button, R/F
13	Interior Button, L/R
14	Interior Button R/R
15	Automatic Relock (Vehicle Was Not Opened Within One Minute Of Unlocking)
16	Terminal 15 (Accessory Power) On
17	Crash
18	Auto Lock (Vehicle Speed Over 9 MPH (15 km/h))
19	Auto Unlock (After Switching S-Contact Off (Vehicle Off))
20	Airbag Signal Failure

A6 (4F) and Q7 (4L):



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Control Module: Comfort System Control Module Address 0046

Number Of Events: 1

MVB: 17

Last Event Location: Field 1

Lookup Table: B



Tip: On the A6 and Q7, only the very last operating command of the vehicle locking can be read. Auto lock overwrites this value.

Table B	
ID	Value
0	No Data Available
1	Remote Control Key
2	Remote Control Key, Trunk Button
3	Keyless Lock
4	Lock Cylinder, L/F
5	Interior Button, L/F
6	Interior Button, R/F
7	Interior Button, L/R
8	Interior Button R/R
9	Auto Lock (Vehicle Speed Over 9 MPH (15 km/h))
10	Automatic Relock (Vehicle Was Not Opened Within One Minute Of Unlocking)
11	Lock Via Diagnostic Output Test

A4 (F4), A5 (F5), Q5 (FY), Q7 (4M), A6 (4A), A7 (4KA), A8 (4N) and Q8 (4MN):

Control Module: Comfort System Control Module Address 0046

Number Of Events: 20

MVB: "History data central locking " ** " last event"



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Lookup Table: C

Table C	
ID	Value
0	no data present
1	Lock cylinder L/F
2	Lock cylinder R/F
3	Remote control
4	Outside door handle sensor, L/F
5	Outside door handle sensor, R/F
6	Outside door handle sensor, L/R
7	Outside door handle sensor, R/R
8	Driver interior locking button
9	Front passenger interior locking button
10	Driver side rear interior locking button
11	Front passenger side rear interior locking button
12	Re-locking to opening via radio or outside door handle sensor
13	Autolock
14	Locking mechanism button in the rear lid
15	Locking via Smartphone-App
16	Locking by special purpose vehicle control module
17	Distance to vehicle
18	The terminal control, remote control
19	Terminal control, outside door handle sensor, L/F
20	Terminal control, outside door handle sensor, R/F



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21	Terminal control, outside door handle sensor, L/R
22	Terminal control, outside door handle sensor, R/R
23	Terminal control, rear lid lock button / rear key sensor
24	Terminal control, locking cylinder, L/F
25	Terminal control, a front sensor for the keyless locking system
26	Piloted parking
27	Remote locking via connect-service
28	Remote locking via a vehicle positioning system
29	Antenna for short-range communication in the driver door
30	Antenna for short-range communication in the front passenger door
31	Antenna for close range communication in the rear lid
32	Pre Sense
35	Auto Lock Rear Lid

Warranty

This TSB is informational only and not applicable to any Audi Warranty.

Additional Information

All parts and service references provided in this TSB (2022032) are subject to change and/or removal. Always check with your Parts Department and/or ETKA for the latest information and parts bulletins. Please check the Repair Manual for fasteners, bolts, nuts, and screws that require replacement during the repair.

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