Removing And Installing Front Door Handle

Tools

<table>
<thead>
<tr>
<th>Designation</th>
<th>Type</th>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assembly tool</td>
<td>VW tool</td>
<td>T10118</td>
<td></td>
</tr>
</tbody>
</table>

Tools and materials

<table>
<thead>
<tr>
<th>Item</th>
<th>Designation</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>-12-</td>
<td>Assembly tool T10118</td>
<td></td>
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Technical values

Tightening torques

<table>
<thead>
<tr>
<th>Location</th>
<th>Illustration</th>
<th>Thread</th>
<th>Tightening torque ft lb.</th>
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<tbody>
<tr>
<td>Fastening screw for housing</td>
<td>-2-</td>
<td>M5</td>
<td>3.5 ± 0.5</td>
</tr>
<tr>
<td>Fastening screw for lock barrel</td>
<td>-3-</td>
<td>M4</td>
<td>0.5 ± 0.5</td>
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</table>

Removing front door handle
1. Open doors.
2. Remove cover cap.

2.1. Carefully unclip lower cover -1- using a plastic wedge -arrow A- and remove downwards -arrow B-.

3. Removing housing with lock barrel.
3.1. Loosen fastening screw -3- -3- at the side and unscrew by approx. 3 mm (-arrow E-).

3.2. Pull door handle and hold in end position.

3.3. Loosen fastening screw -2- at the side and unscrew until the housing with lock barrel -4- can be pulled out.

3.4. Remove housing including the lock cylinder -4- (-arrow C-).

4. Detaching lock actuation.

4.1. Using a narrow screwdriver -5- lever the lock actuation -6- out of the guide on the door handle (-arrow F-).
INFORMATION: For vehicles with Porsche Entry and Drive
- 1. Remove front door sub-frame. Refer to Removing and installing front door sub-frame.
- 2. Remove Porsche Entry and Drive wiring harness.

5. Detaching door handle.

5.1. Pull out door handle -7- slightly (-arrow G-) and then pull to the rear (-arrow H-). This disengages the door handle.
6. Pulling out door handle.

6.1. Swivel door handle -7- out by 90 degrees (-arrow I-) and carefully pull it out (-arrow K-).

6.2. Remove the rubber washers -8-.

Installing front door handle
WARNING: Risk of damage to vehicle doors if door handle is not fitted correctly.

- An incorrectly fitted door handle can result in problems opening the doors both from inside and outside.
- Before installing the door handle, make sure that the lock actuation is locked in installation position.

1. Open doors.
2. Checking that the handle receiver is locked in installation position.

2.1. Check that the mounting point -9- was locked correctly in installation position during removal. If the receiver is not locked, it can also be secured afterwards.
3. Locking lock actuation in installation position

3.1. Attach securing spring -10- to lock actuation lever using assembly tool T10118.

INFORMATION: For vehicles with Porsche Entry and Drive

- 1. Install Porsche Entry and Drive wiring harness.
- 2. Install front door sub-frame. Refer to Removing and installing front door sub-frame.

4. Insert door handle.

4.1. Insert rubber washers -8-.

4.2. Insert door handle -7-, (-arrow A-) and swivel it inwards by 90 degrees (-arrow B-).
5. Attaching door handle

5.1. Press door handle -7- inwards (-arrow C-) and hook it in behind the receiver -9- (-arrow D-).
5.2. Press door handle -7- forward (-arrow E-) until you feel it engage.

6. Attaching lock actuation

6.1. Press the lock actuation -6- into the guide on the door handle -arrow F-.
7. Installing housing with lock barrel - driver's door only.

7.1. Insert vehicle key into the housing with lock barrel and push in the housing -4- (arrow G) while turning the vehicle key slightly to the right at the same time. If necessary, loosen fastening screws -2 and 3- slightly until the housing with lock barrel -4- can be inserted fully.

7.2. Screw in fastening screws -2 and 3- at the side (arrow H-) and tighten to the specified torque. Refer to Removing and installing door handle.
8. Installing housing - passenger's door only.

8.1. Slide in the housing -4- (-arrow G-). If necessary, loosen a fastening screw -2 and 3- slightly until the housing -4- can be inserted completely.

8.2. Screw in fastening screw -2- at the side (-arrow H-) and tighten to the specified torque. Refer to Removing and installing door handle.

9. Checking operation of door handle.
10. Installing cover cap.
10.1. Push cap -1- up on to basic door frame at the side (-arrow J-) and clip into position (-arrow I-).

11. Close doors

Information

Locking door handle mounting point

INFORMATION:
To fit the door handle correctly, the receiver -9- must be secured in installation position prior to installation.

The receiver is secured automatically during removal. If the receiver is no longer secured or if new components are installed, the receiver can also be secured afterwards in accordance with the instructions below.

1. Pull receiver -9- towards outer door panel and hold in this position (-arrow C-).

2. Screw in fastening screw -2- (-arrow A-) until the receiver can be pulled into installation position.
3. Hold the mounting point -9- in this position.

4. Unscrew fastening screw -2- (-arrow B-) until the mounting point -9- is locked in this position.
Locking lock actuation

1. Light up inside of door with a lamp.

INFORMATION:

- To fit the lock actuation correctly, the securing spring must be hooked into the lock actuation lever before the door lock is installed.
- The secured position of the lock actuation is released automatically when the door handle is first pressed. A clear clicking sound can be heard when the door handle is first pressed.
2. Guide the assembly tool T10118-12- between the securing spring -10- and the lever -11-.

3. The securing spring -10- hooks on to the tool with a rotary movement.

4. Pull the securing spring -10- towards the outside of the door -arrow L- until the spring engages audibly in the locking lug of the lever -13-. 
5. Unhook the tool and remove it.

**INFORMATION:** Pull carefully on the lock actuation to check that it is secured in installation position. Repeat the steps listed above if necessary.

**Removing and installing wiring harness for Porsche Entry and Drive system**

1. Releasing wiring harness from the basic door frame.

1.1. Unclip the wiring harness -1- from the basic door frame at the marked positions (-arrows-).
2. Removing wiring harness.

2.1. Pull out the wiring harness -1- from the door handle base plate -2-. While doing this, press the rubber sleeve -3- together.

3. Installing wiring harness

3.1. Install in reverse order.

**Function test following assembly work**

**INFORMATION:** A malfunction occurs only after the vehicle is locked for the first time. In other words: if a door handle was fitted incorrectly, the affected door can be opened and closed without difficulty until the vehicle is locked for the first time. After that, the door cannot be opened either from inside or outside. Given this, it is important to perform a function test before the door is closed.

1. Do not close vehicle door after installing door handle.
2. With the door open, use a screwdriver to engage the bolt in the door lock fully in the second notch.
3. Lock vehicle with the remote control.
4. Unlock vehicle with the remote control.
5. Press door handle on open door.