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|---------------------|---------------|----------------|------------|------------------|---|
| ISTA system version | 4.14.20.17056 | Data version | R4.14.20 | Programming data | - |
| VIN | [redacted] | Vehicle | [redacted] | | |
| Int.lev.works | - | Int.lev.(cur.) | - | Int.lev.(tar.) | - |
| Mileage | - | | | | |

51 21 090

Removing and installing/replacing door lock in left or right front door

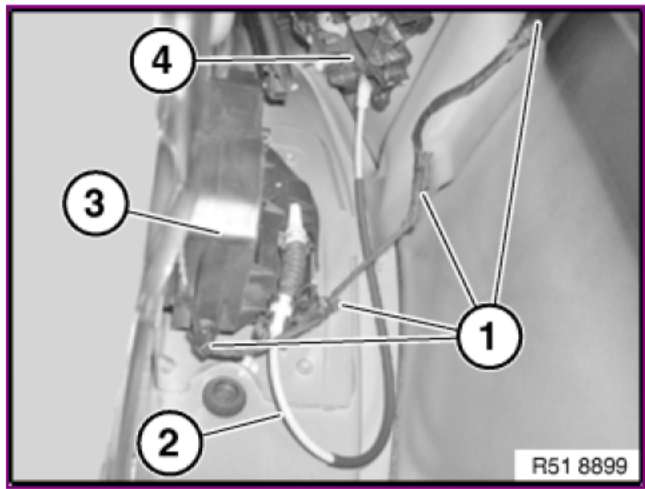
Special tools required:

- [51 2 190](#)



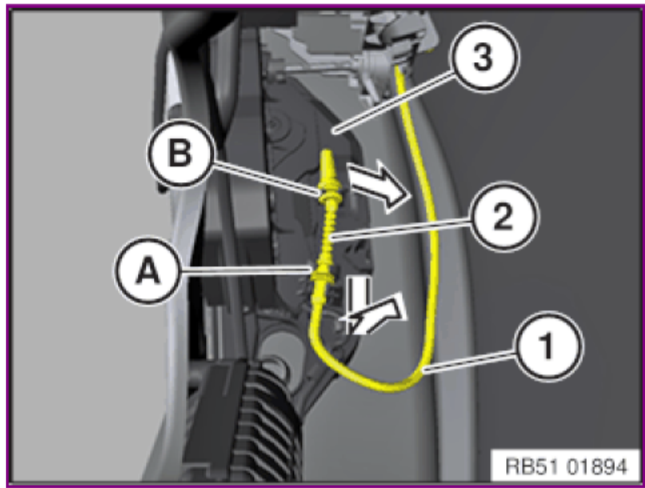
Necessary preliminary tasks:

- Remove [sound insulation](#) in rear section



Overview:

- 1 Wiring harness attachment points
- 2 Bowden cable between door lock and carrier plate for outside door handle
- 3 Door lock
- 4 Carrier plate for outside door handle



Detach Bowden cable (1) at bottom (A) and top (B) from door lock (3).

Installation note:

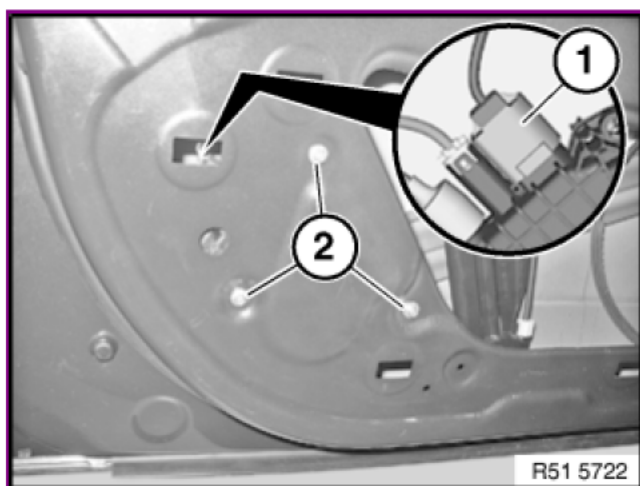
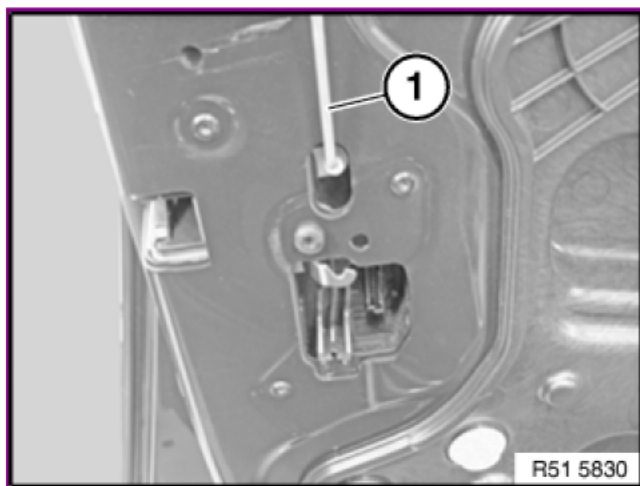
Sealing (2) must be correctly fitted on Bowden cable (1).

Bowden cable (1) must be correctly engaged in fixtures (A and B) on door lock (3).

Make sure Bowden cable (1) is in correct position!

An incorrectly routed Bowden cable can cause door locking system malfunctions.

Unclip locking rod (1).

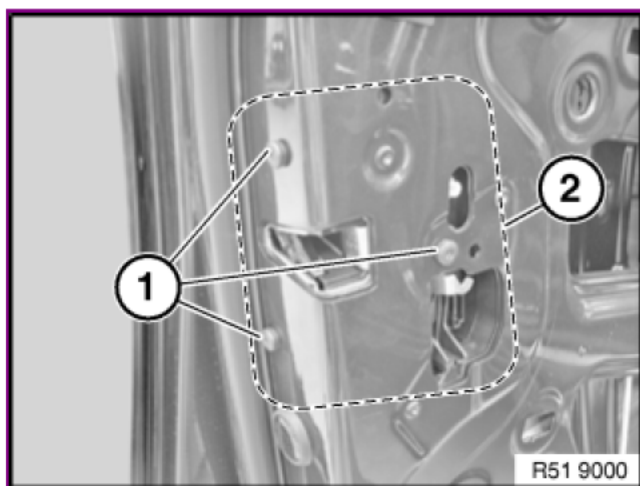


Version with Soft Close Automatic:

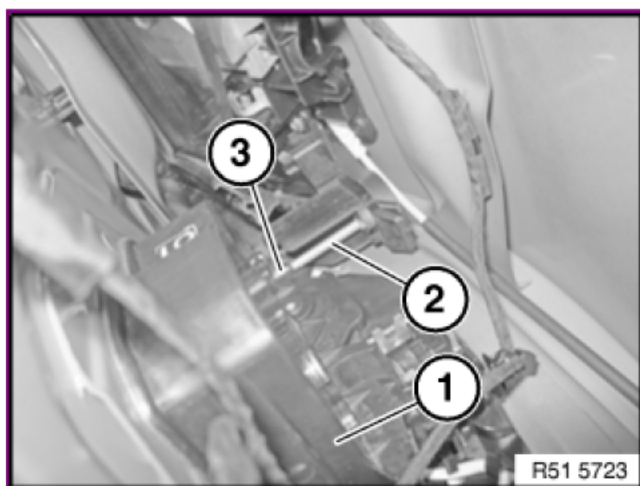
Disconnect plug connection (1).

Unfasten screws (2).

Tightening torque [51 21 6AZ](#).



Release screws (1).



Only with driver's door:

- Disengage door lock (1) at locking pin (2).

Installation note:

Make sure locking pin (2) is correctly seated in mount (3).

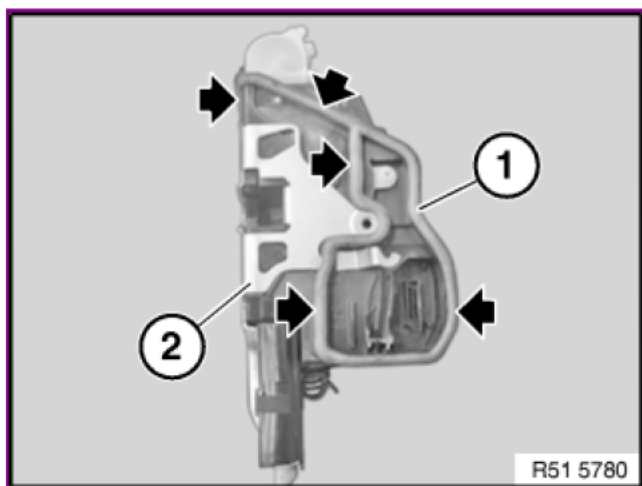
Separate all connectors at door lock (1).

Feed out wiring harness on door lock (1).

Remove door lock (1) if necessary with Soft Close Automatic.

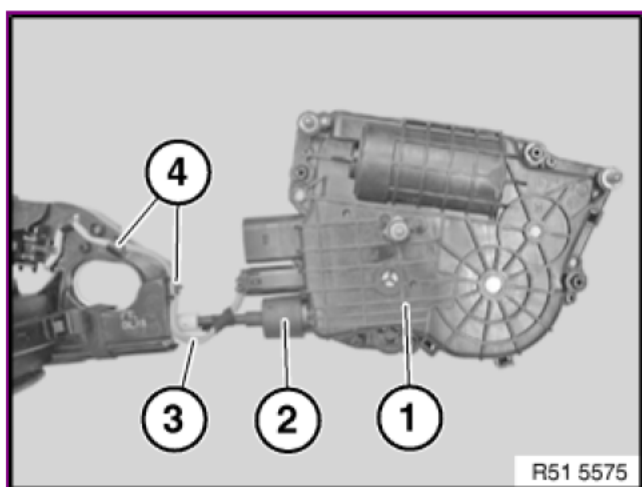
Important!

Do not damage door lock seal on removal.



Installation note:

Seal (1) on door lock (2) must not be damaged (water ingress).

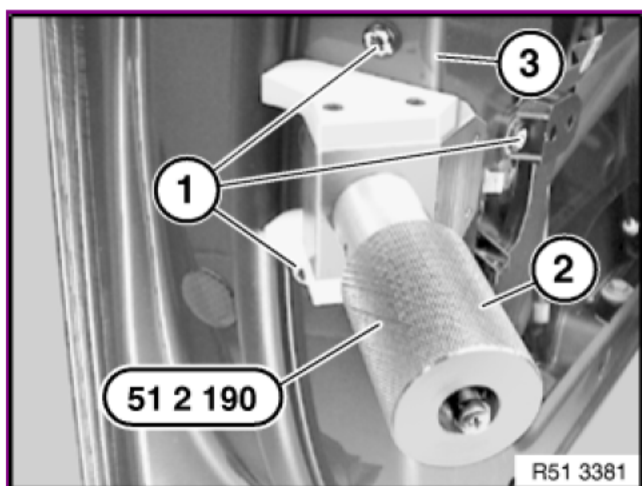


Installation note:

Version with Soft Close Automatic:

Make sure Automatic Soft Close drive (1) is installed in correct installation position. Control line (3) must not be twisted around Bowden cable (2).

Make sure control line (3) is correctly laid in guides (4).



Installation note:

- Install door lock and insert screws (1), do not tighten down.
- Slide special tool [51 2 190](#) into opened rotary striker until striker engages in first stage

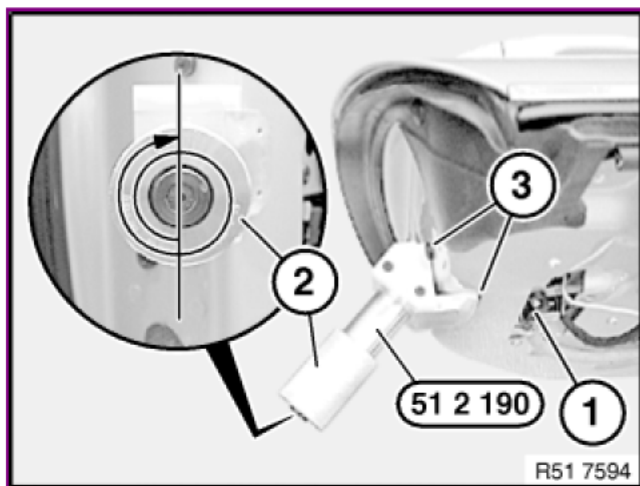
Installation note:

Pre-tension door lock (1) with knurled screw (2) until special tool [51 2 190](#) just contacts corner points (3)

Important!

To tension door lock (1), it is only permitted to tighten knurled screw (2) by a further 1 to 1.5 turns (max.) (risk of damage).

Door lock seal must rest uniformly on inner door panel (water ingress).



Tighten screws of door lock

Observe tightening sequence: bottom - top - inner.

Tightening torque [51 21 1AZ](#).