
PuMA measure

RR2X Door Lock Pin Sticking

UR-V-2 65521987-01 - 4/20/21

Complaint:

The driver or passenger door locking function fails to lock and unlock correctly.

The customer complains of a sporadic check control message for a door malfunction warning when driving off.

Cause

Incorrect initial setting of the waist rail height adjuster can negatively influence flushness of waist rail chrome to the hard frame cover. This incorrect condition and flushness can impact the door lock pin, causing it to stick.

Measure

Please follow the following steps, an illustrative guide can be found attached with images of the correct waist rail condition.

1 - Measure the flushness of the waist rail to the hard frame cover.

2 - Remove the door card

NOTE: The lock pin should be replaced each time the door card is removed.

3 - Remove the door lock pin and guide:

NOTE: Door lock pin and guide MUST be replaced for doors with sticking pins.

Part numbers

Door Lock Pin Guide – 7494771

Door Lock Pins –

Front Left: 7493565

Front Right: 7493566

Rear Left: 7493567

Rear Right: 7493568

4 - Set the height adjusters to 0.3mm. They need to be loose when fitting the doorcard. (See attached documentation)

5 - Refit door card

NOTE: Waist rail chrome should be under flush to hard from cover by approximately 2mm. (see attached documentation)

5 - Complete a function test to ensure the lock pin can move freely in the guide

Please use following Defect codes to claim through warranty:

51 21 04 34 00 - Locking button with linkage/bowden cable stiff to move.

Labour Op Codes:

51 41 000 Removing and installing left or right front door trim 8 FRU per side

51 42 000 Removing and installing left or right rear door trim panel 6 FRU per side

51 99 000 Replacing door pin guide maximum 3 FRU per side

Validity information

Model series:	[RR22, RR21]
Engine range:	[ALL]
Body style:	[ALL]
Fault codes:	[]
Production period:	-

Repair overviews

51/21/001/12102/30319, Door lock, front, locking rod, Both sides / all, , Cannot be encoded with VFC, , Checking, repairing, replacing

Attachments

Number of attachments: 1