

Door hinge stiff when opening/closing the doors

Topic number	LI72.00-P-057799
Version	1
Design group	72.00 General
Date	11-13-2013
Validity	Model 222
Reason for change	
Reason for block	

Complaint:

Doors feel stiff when opening/closing after an opening angle of approx. 25°.

Cause:

With friction-based door hinges, the opening behavior of the doors is designed as follows:

1. Up to an angle of approx. 25°, the doors should open with virtually no force (very low friction torque).
2. After an opening angle of approx. 25° the force (friction) increases, which enables the door to be held on a gradient or at an angle (e.g. when parked on the curb).

Above approx. 35° the force (friction) decreases and the resistance of the door is then constant until it reaches the opening stop. Because of this, the door can be stopped in any position.

Remedy:

In the event of customer complaints, check whether the door behaves as described above.

Advise the customer about the function of the door hinge system. Adjustment or replacement of the door hinges is not effective for this complaint.

Symptoms
Body / Door/Flap / Door / Door / Stiff movement/jammed

Validity		
Vehicle	Engine	Transmission
S (222)	*	*

Full model designation breakdown		
Vehicle	Engine	Transmission
222.004	651.921	724.208
222.032	642.861	722.903
222.032	642.861	725.011

222.033	642.867	722.966
222.033	642.867	725.041
222.057	276.960	724.206
222.057	276.960	725.011
222.077	157.985	722.931
222.082	278.929	722.909
222.082	278.929	725.011
222.085	278.929	722.967
222.085	278.929	725.041
222.104	651.921	724.208
222.123	642.861	722.903
222.123	642.861	725.011
222.132	642.861	722.903
222.132	642.861	725.011
222.133	642.867	722.966
222.133	642.867	725.041
222.157	276.960	724.206
222.157	276.960	725.011
222.165	276.824	722.904
222.165	276.824	725.011
222.176	277.980	722.932
222.177	157.985	722.931
222.178	157.985	722.971
222.179	279.980	722.932
222.182	278.929	722.909
222.182	278.929	725.011
222.185	278.929	722.967
222.185	278.929	725.041