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Window Lifts with cable pulley – steel cable loose

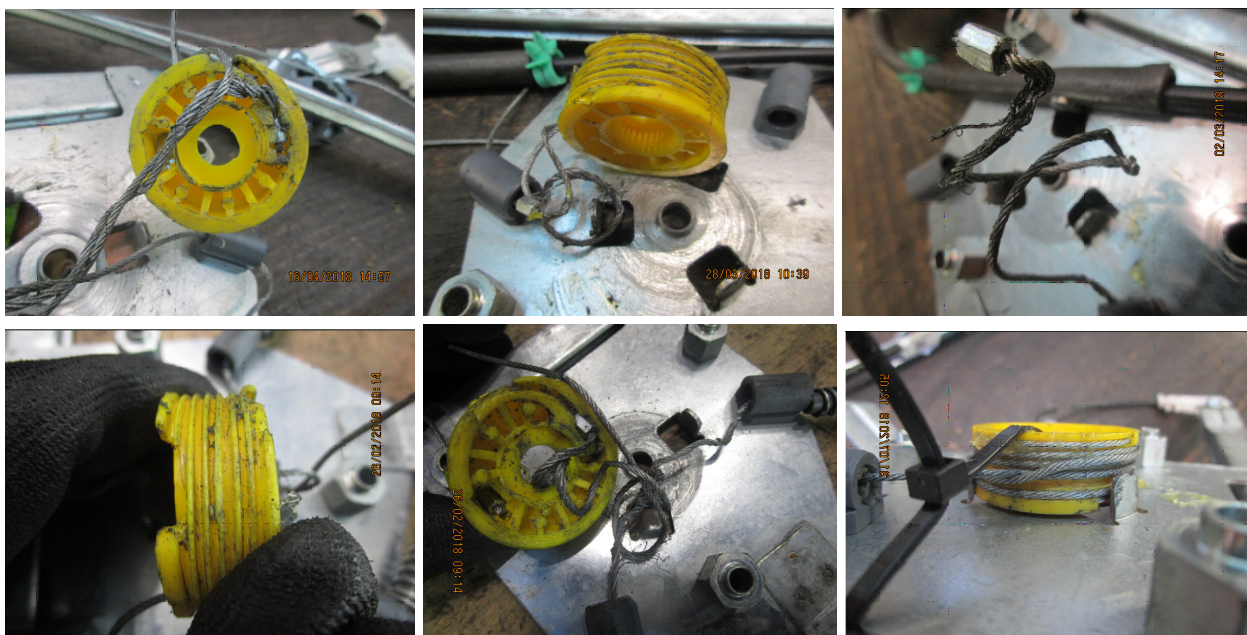
Steel cable unwinding, breaking or getting damaged

The problem

Valeo's warranty department has found that steel cable operated window lifts with cable pulley, a warranty request is regularly made for window lift mechanisms in which the steel cable is disconnected, unwound and / or damaged.

Observations

Often damaged pulleys are visible, as well as damaged and / or twisted steel cable. The steel cable has also become entangled with parts of the mechanism.



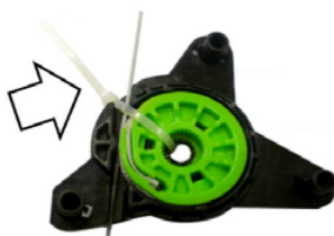
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The cause

Symptoms such as these are usually due to incorrect installation or incorrect handling of the window mechanism prior to that.

As indicated in the installation instructions supplied, the pulley wheel is fixed to the mechanism with a cable tie. This is a transport security, as well as a pre-setting of the steel cable's track.

Warning in the installation instructions:

It is recommended not to remove the PVC gear clamp until mating with the engine in order to avoid possible unroll of the cable during assembly.

Il est recommandé de ne pas enlever le collier maintenant l'engrenage jusqu'à ce que l'accouplement avec le moteur soit fait afin d'éviter tout risque de dérouler les câbles durant l'assemblage.

Es wird empfohlen, die Plastiksicherung (Kabelbinder) vom Antrieb erst zu entfernen, wenn der Antrieb mit dem Motor verbunden ist, so wird ein abrollen des Kabels verhindert.

ATENCION: Se recomienda no eliminar la banda de PVC hasta el acoplamiento con el motor con el fin de evitar posibles de desenrollado del cable durante el montaje.

Recomenda: se que nao se retire a abraçadeira PVC ate a copulacao com o motor de modo a evitar o possivel desenrolar do cabo durante a montagem.

Si raccomanda di non togliere la fascetta di tenuta del tamburo fino all'accoppiamento con il motore al fine di evitare possibile scarrucolamento del cavo in fase di montaggio.

This cable tie may only be cut off just before mounting the electric motor and must be held in place by hand, paying attention that the pulley does not move, or worse; unrolls.

When the pulley shifts or gets an incorrect position on the shaft of the electric motor, the steel cable will be too loose. As a result, it can run out of the grooves of the pulley and even completely come off.

The loose steel cable is then pulled by the electric motor and will become entangled and / or pinched in the mechanism and thereby become damaged..

Advice

Always pay careful attention to a precise installation and follow the supplied manual. Damage as a consequence of incorrect installation is not covered by the warranty conditions, which has as a result that a claim of this nature will be rejected.

