

Fitting a new Gas Strut to a Tafonius Junior

Scope: This applies only to Junior Tafonius machines. The gas struts used in a full Tafonius are a different type and have different fitting instructions.

Note: Not all Junior machines have gas struts. Some of the early machines have 3 retaining straps only.

This procedure can be performed by one person but is easier with two people

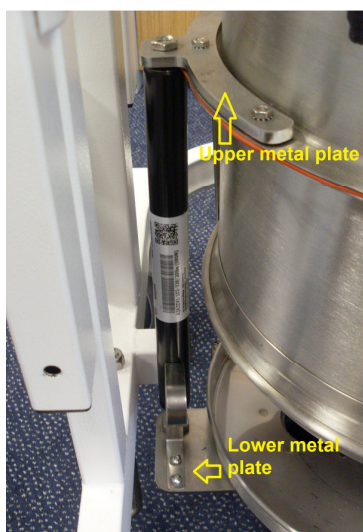
Method

Open the cylinder and remove the soda-lime tray. Let the cylinder close up as much as possible.



If there is a nut on the top side of the metal bracket at the head of the gas strut, undo it and remove it. Put the nut to one side, you will need this for re-assembly.

With this nut undone it should be possible to unscrew the old gas strut. Have an assistant pull the lock-spring back while unscrewing the gas strut (by twisting the whole strut in a clockwise direction) so that the top section comes away from the lower metal plate.



Now turn the freed gas strut in an anti-clockwise direction to release it from the bottom metal plate. The gas strut will then lift out.

Fit the replacement gas strut in the lower metal plate and twist it into the plate by turning in a clockwise direction 10 full revolutions (or until it comes to a stop, if less).

Then introduce the top of the gas strut into the upper metal plate and thread into the metal plate by turning in an anti-clockwise direction until it is tight against the metal plate. This will be made easier if an assistant aligns the strut



and bracket from the side whilst you twist the strut into position.
Twist the strut until the head locks against the upper metal bracket.



Use a spanner to fully tighten the gas strut in place. Then, fit the nut onto the exposed thread at the top of the strut to lock the strut in place.



Fully tighten the lock nut

Fitting of the new gas strut is now complete. The strut should feel very solid and firm when correctly fitted. If there is any movement of the gas strut after fitting then one of the joints is probably loose. If so, undo the locking nut, make sure the gas strut is fully twisted into the upper metal plate and then fix the locking nut.

If you have any difficulties with the above procedure, please call your agent or distributor for advice.

END