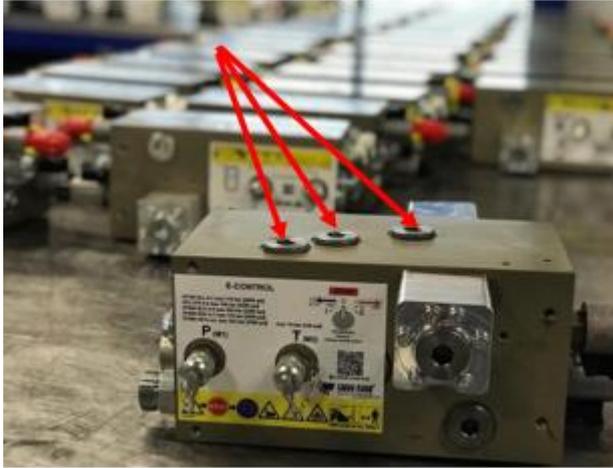


TIGHTENING OR EXCHANGING PLUGS IN THE CF500 CONTROL VALVE

This manual will help you tighten the plugs, which are on top of the CF500 control valve 02 in case you encounter leakage from the top due to loose plugs.

On top of each control valve 02 there are in total 3 plugs. These plugs are not visible when installed in a trailer because they are on top of the valve and facing the floor of the trailer.



READY THE TOOL

To tighten any plug $\frac{3}{4}$ " in the control valve, you will need:

- an adapted Allen key 12 mm (hex key)
- a small pipe ($\varnothing 18$ up to 20 mm, length 200 mm)



Shorten the short stem of the Allen key (as short as possible) and keep in mind that it still has to go into the hexagon socket of the plug (which is 11 mm deep). Shortening this stem will result in more room for your hand to be able to apply enough force to pull. The plug should be tightened with about 140 Nm or higher.



Slide the Allen key into the pipe. The pipe helps you to lengthen the Allen key stem in those spots where there is enough room. With this lengthened tool, you can apply a larger force to tighten the plugs as tight as possible.



REMOVE OR TIGHTEN THE PLUGS

Feel around on top of the valve to help locate the position of the plugs for the Allen key.

If there is dirt in the opening of the plug, you have to remove the plug and clean the opening. Do also check the condition of the seal of the plug when you have removed it. Is there damage then please contact Cargo Floor B.V. for a free replacement set.

When the Allen key is in place, you can move the pipe to extend the length of the Allen key.



Tighten the plug as tight as possible.



HAVE THE PLUGS LOOSENED AGAIN?

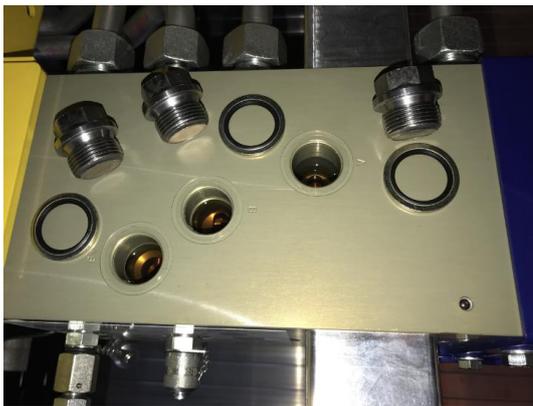
If a plug got loose again it is advised to replace the plug and seal. If this is the case, please contact Cargo Floor B.V. for a free set of replacement plugs. Remove all the three plugs on top of the valve using the Allen key 12 mm.



The replacements need a spanner 24 to tighten them. If available, a gear spanner 24 mm (ratchet spanner, gear wrench) does the best job.



A bonded seal needs to be fitted to each of the plugs. Slide the bonded seal over the thread of the plug and then screw the plug in by hand as far as possible in the opening.



Use the spanner 24mm to tighten the plugs. Screw the plugs in as tight as possible (torque between 140 and as high as 180 Nm)



IMPOSSIBLE TO REACH THE PLUGS?

In situations where it is impossible to tighten the plugs as tight as possible, there are two possibilities:

1. remove the valve from the trailer.
The instruction for this can be requested at: AS@CargoFloor.com.
2. remove the second and third moving profile on the left (in case of a Cargo Floor with 21 profiles) or second profile (in case of a Cargo Floor Bulkmove system).

In that way you can reach the plugs from the top.

EXCESSIVE HEATING

A large influence on the plug is the change of the temperature of the steering valve.
In cases where excessive heating is noticed on a regular basis, it is advised to verify the condition of the hydraulic circuit for probable causes.