Replacing the fittings on the load table virtual center lock cylinder (FCO CA04271)

Applies to

☑ Magnus VLF with MCU (MT003 to MT013 only)

Background

The fittings on the load table virtual center lock cylinder (500-00554A) are leaking at the joint due to a plastic retaining washer. New metal fittings need to be installed in the cylinders on devices MT003 to MT013

Tools and parts

- Kit 512-00131A
- Set of hex keys
- Open-ended metric wrench set
- Small needle-nose pliers or vice grips

Steps

1. Remove the front lower panel to get access to the center of the device. There is no need to remove any table panels.
2. Move the loader bar (load table traveler) to the operator side of the device. Its approximate position will be 1400 mm.
3. Remove the screw holding the cylinder in place on the blind end.
4. Remove the clip and pin holding the cylinder rod end.
5. Remove the cylinder and disconnect the air lines.
6. Change the fittings and orient them as per assembly drawing 500-00554A. The fitting hose access point should be toward the blind end of the cylinder.
7. Reattach the hoses.
   They may need to be trimmed to account for the size of the fitting.
8. Reattach the pin and screw.
9. Test for correct operation by typing
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   loadtable centering lock
   loadtable centering unlock
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10. Reattach the front lower panel.

Notes

See also

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Technical contact

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