

SLIDE-OUTS

Purpose

Instructions to replace a hydraulic cylinder on a slide-out.

⚠ CAUTION

Moving parts can pinch, crush or cut. Keep clear and use caution.

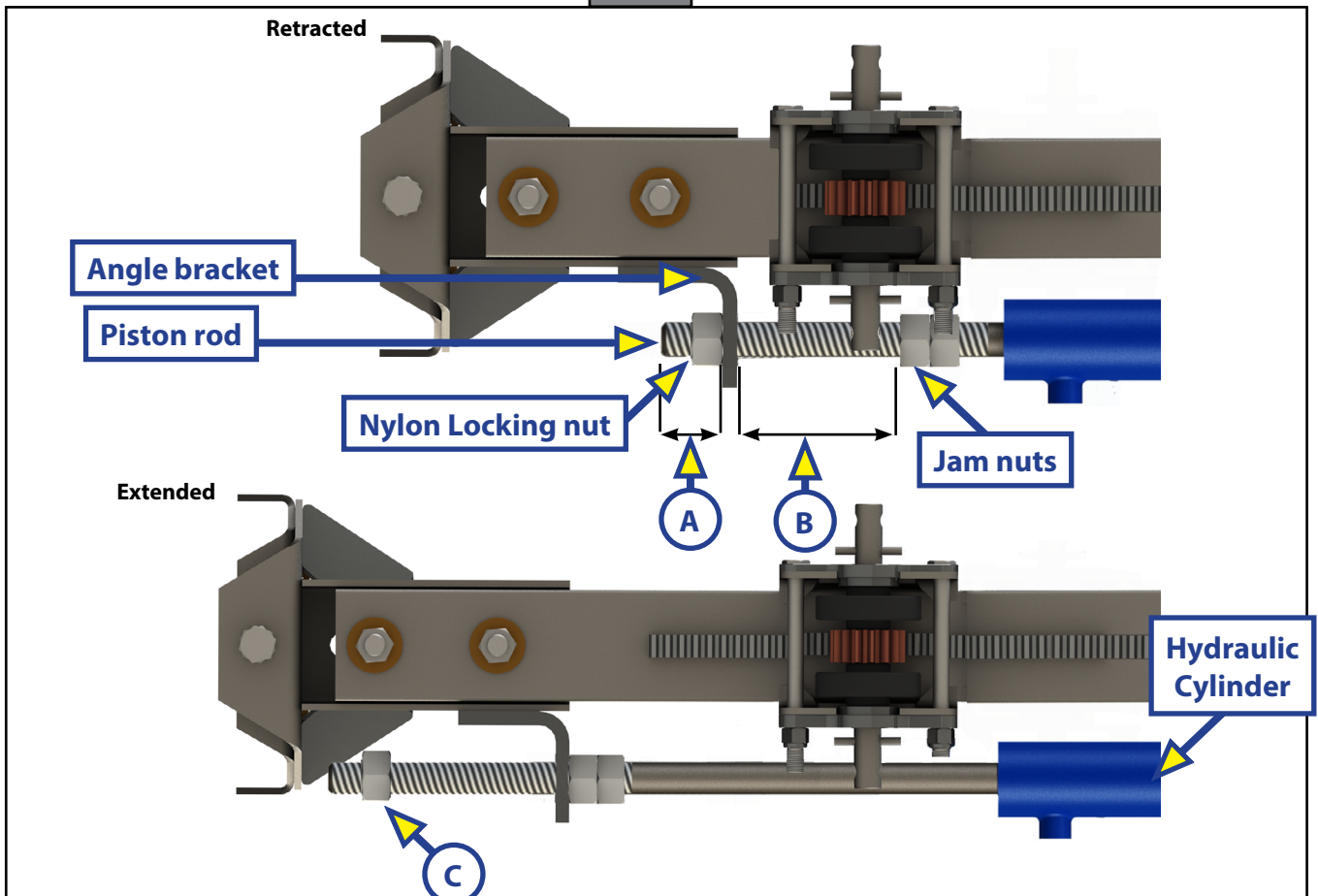
Procedure

1. Completely retract the room.
2. Measure the end of the threaded portion of the piston rod to the end of the nylon locking nut (Fig. 1A).

NOTE: This measurement is for future use.

3. Measure from the angle bracket to the jam nuts (Fig 1B).

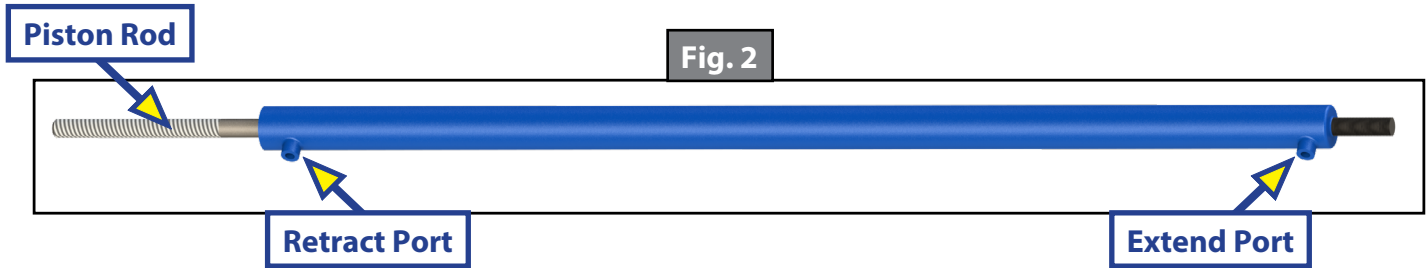
Fig. 1



4. Completely extend the slide-out.
5. Remove the nylon locking nut (Fig. 1C) from the threaded portion of the piston rod.
6. Retract the cylinder completely then extend approximately 1" to relieve pressure.
7. Remove extend hose and fitting from the extend port of the original hydraulic cylinder (Fig. 2). Install the fitting and extend hose to the extend port of the new hydraulic cylinder (Fig. 2).

NOTE: Hydraulic ports of new cylinders may have plastic travel plugs. Remove prior to installing fittings.

SLIDE-OUTS



8. Extend the piston rod of the new hydraulic cylinder (Fig. 2).

NOTE: This purges the air from the retract side of the cylinder, thereby preventing air from being introduced into the system.

9. Remove retract hose and fitting from the retract port of the original hydraulic cylinder (Fig. 2). Install the fitting and retract hose to the retract port of the new hydraulic cylinder (Fig. 2).
10. Remove the original hydraulic cylinder from the slide-out system.
11. Remove the two jam nuts (Fig. 1) from the original hydraulic cylinder and install in roughly the same position on the new hydraulic cylinder.
12. Install the new hydraulic cylinder, with attached hoses, to the slide-out system.
13. Install the nylon locking nut (Fig. 1) to the exact measured location on the new piston rod as it was located on the old piston rod in step 2 (Fig. 1).
14. Completely retract the slide-out.
15. Adjust the two jam nuts (Fig. 1) to the exact measurement taken in step 3 (Fig. 1).
16. Extend and retract the slide-out to cycle the piston rod. This will purge any residual air that may have entered the system.
17. Check the hydraulic fluid as needed per manufacturer's recommendations, see [TI-188](#) or go to <https://www.lci1.com/support-2-x-2-hydraulic-slide-system>. Look for TI - 188: Hydraulic Operation Fluid Recommendation.
18. Check the seal of the slide-out room. If necessary, adjust the slide-out room as per [TI-080](#) or go to <https://www.lci1.com/support-2-x-2-hydraulic-slide-system>. Look for TI - 080: Hydraulic Slide-Out Room Adjustments.



This manual is provided courtesy of **RV Tech Cheat Sheet**



Professional resources for the whole RV industry — free.

We put manuals, wiring diagrams and hard-won tech knowledge in every technician's hands, so repairs get done right the first time, techs work faster, and RV owners everywhere get better service.



rvtechcheatsheet.com/manuals

Find thousands more RV manuals, wiring diagrams and parts lists

RV techs: share fixes, ask questions and learn from each other.

Join our free Facebook group →



Follow proper safety practices. If in doubt, consult a professional RV technician.