

KIT-CYL-RD Hardware Installation Instructions




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FIFTH WHEEL

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KIT-CYL-RD

Hardware Installation Instructions

KIT-CYL-RD contains hardware to reinstall the air cylinder in a No-Slack fifth wheel (6000, 7000 & Clean Connect Models).

Tools needed:

- Pliers
- Torque Wrench with 9/16" Socket
- Allen Wrench 1/4"

Kit Contents: (Includes hardware to re-install 10 air cylinders. One piece of each part listed below is required for each cylinder installation).



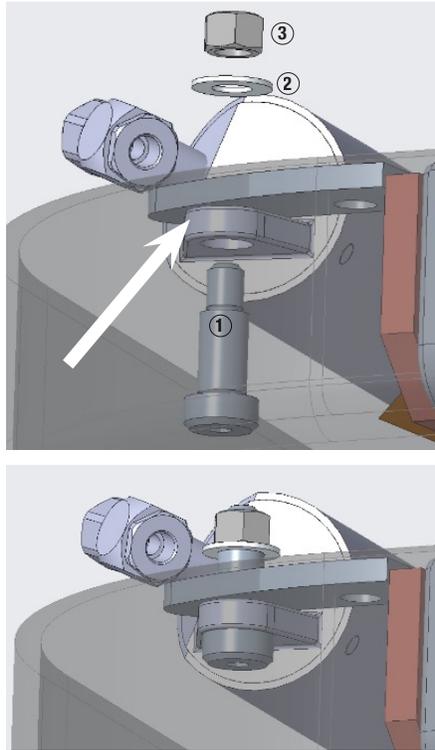
Item #	Description
①	Shoulder Bolt
②	3/8" Flat Washer
③	3/8" Lock Nut
④	1/2" Flat Washer
⑤	Cotter Pin

Installation Instructions (read entire directions and look at all illustrations before beginning):

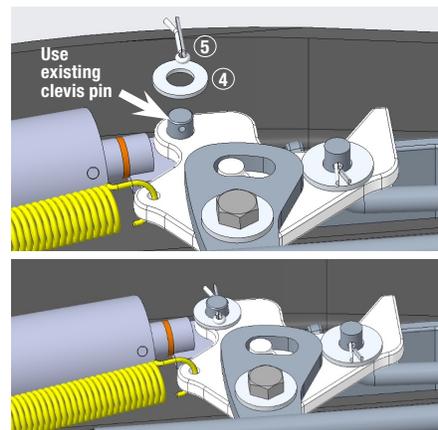
1. Remove fifth wheel from mounting brackets (Cleaning the fifth wheel before installing the kit is recommended).
2. Place the fifth wheel in the upside down position (Make sure that the fifth wheel is placed on a suitable work surface). Make sure the fifth wheel is in the closed position.
3. Remove the air cylinder and discard the old cotter pins. **Do not reuse the cotter pins.**
4. Reinstall the air cylinder starting with the heel end of the cylinder. **Make sure the**



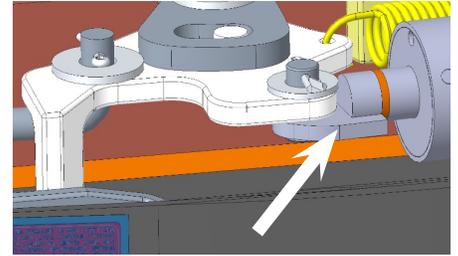
air cylinder mounting tab is oriented as shown in the images below. Use items ①, ② and ③ or this step. Make sure you use the smaller diameter washer ② for this step.



5. Torque the 3/8" Lock Nut to: 20 to 28 ft-lbs.
6. Next, attach the rod end of the cylinder using items ④ and ⑤. The existing clevis pin (see image below) will need to be reused. Once the cotter pin is inserted, remember to bend it as shown in the images below.



Make sure that the rod end mounting tab is oriented as shown below.



7. Reinstall the fifth wheel back on the mounting brackets.
8. Insert the airline supply into the quick disconnect on the exhaust valve. Make sure that the Exhaust Valve is oriented properly (Important See Diagram 1).
9. Open and close the fifth wheel using the air cylinder to ensure proper function.
10. Tilt the fifth wheel forward to ensure that the cylinder and/or air supply line does not interfere with another component.

Diagram 1: Exhaust Valve Orientation

