

Installation Instructions

Air Actuated Fifth Wheel Cylinder Kit For The No Slack® Fifth Wheel (KIT-AA-6000L)

	Parts provided in this kit	QTY
①	No-Slack® Air Cylinder	1
②	Clevis Pin Long	1
③	Clevis Pin Short	1
④	Bumper/Pull Handle Springs	2
⑤	Flat Washer 1/2"	2
⑥	Cotter Pin 5/32"	2
⑦	Exhaust Valve	1
⑧	Quick Disconnect Valve	1

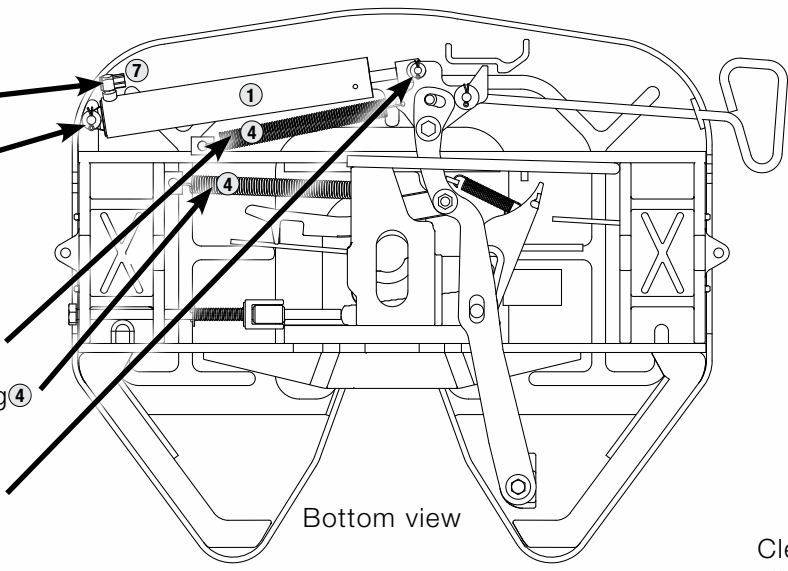


Installation Instructions (read entire directions and look at all illustrations before beginning):

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).
3. Remove the old bumper spring and pull handle spring from the fifth wheel (Please review Diagram 1 for more information).
4. Install the new air cylinder **IMPORTANT:** (Orient cylinder, washers and pins as shown in Diagram 2).
5. Install the new bumper latch and pull handle springs (Diagram 1).
6. Reinstall the fifth wheel back on the mounting brackets.
7. Insert the airline supply into the quick disconnect on the exhaust valve.
8. Open and close the fifth wheel using the air cylinder to ensure proper function.
9. Tilt the fifth wheel forward to ensure that the cylinder and/or air supply line does not interfere with another component. (Please see diagram 3)

Diagram 1

- Exhaust valve^⑦ orientation
- Clevis pin long^②, washer^⑤ and cotter pin^⑥. Positioning is critical see Diagram 2.
- Pull Handle Spring^④
- Bumper Latch Spring^④
- Clevis pin short^③, washer^⑤ and cotter pin^⑥ attaches to the secondary lock. Positioning is critical see Diagram 2.

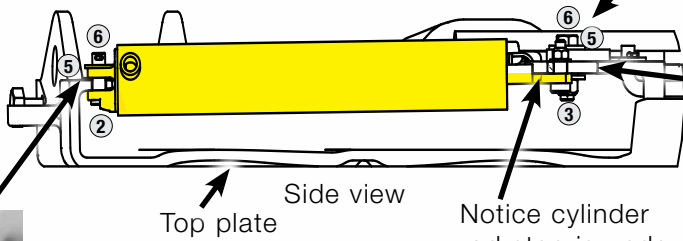


Bottom view

Clevis pin short^③ slides in from bottom of secondary lock hole. Washer^⑤ and cotter pin^⑥ on top.

Diagram 2

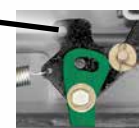
Notice clevis pin long^② slips in from bottom of cylinder bolt hole through the support clip. Washer^⑤ is on top, then install cotter pin^⑥.



Top plate

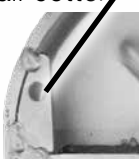
Side view

Notice cylinder rod step is under secondary lock hole.



Secondary lock

Support clip on fifth wheel

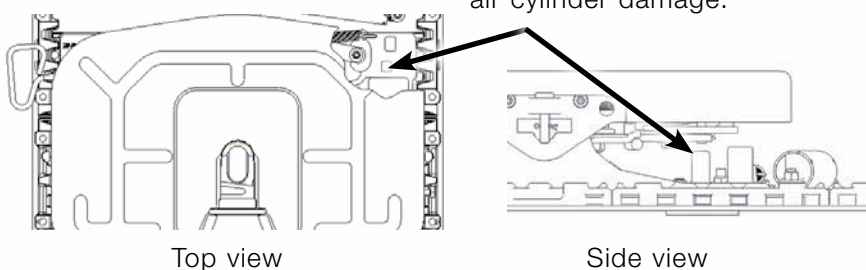


Slip in cylinder so fifth wheel support clip is between the two cylinder head bolt holes. Extra support on bottom.



IMPORTANT: If applicable, remove indicated front rocker limit block to prevent air cylinder damage.

Diagram 3



Top view

Side view

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①	No-Slack [®] Air Cylinder	1
②	Clevis Pin Long	1
③	Clevis Pin Short	1
④	Bumper/Pull Handle Springs	2
⑤	Flat Washer 1/2"	2
⑥	Cotter Pin 5/32"	2
⑦	Exhaust Valve	1
⑧	Quick Disconnect Valve	1