

TECHNICAL BULLETIN

TB-004 • Revised May 2005

Installation Instructions

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

Parts provided in this kit	QTY
No Slack® II AA cylinder	1
Bumper/Handle Spring	2
Exhaust Valve with a Quick Disconnect	1
3/8" Shoulder Bolt	1
3/8" Washer	1
3/8" Hex Locknut	1
1/2" Hex Locknut	1
1/2" Hex Bolt	1

Installation Instructions:

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 latch and pull handle spring from the fifth wheel (Please review diagram 1 for more information).
4. Install the exhaust valve into the new cylinder. (Please review diagram 1 for more information. Make sure valve is oriented as shown)
5. Install the new air cylinder (Orient cylinder as shown in diagram 2)
6. Install the new bumper latch and pull handle springs.
7. Reinstall the fifth wheel back on the mounting brackets.
8. Insert the airline supply into the quick disconnect on the exhaust valve.
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. (Please see diagram 3)

Note: Valves and airline are available through Fontaine. Order a KIT-AIR-DASH for mounting the pull valve in the dash and plumbing the airline to the cylinder.

Diagram 1 Shoulder Bolt attaches to the Secondary Lock

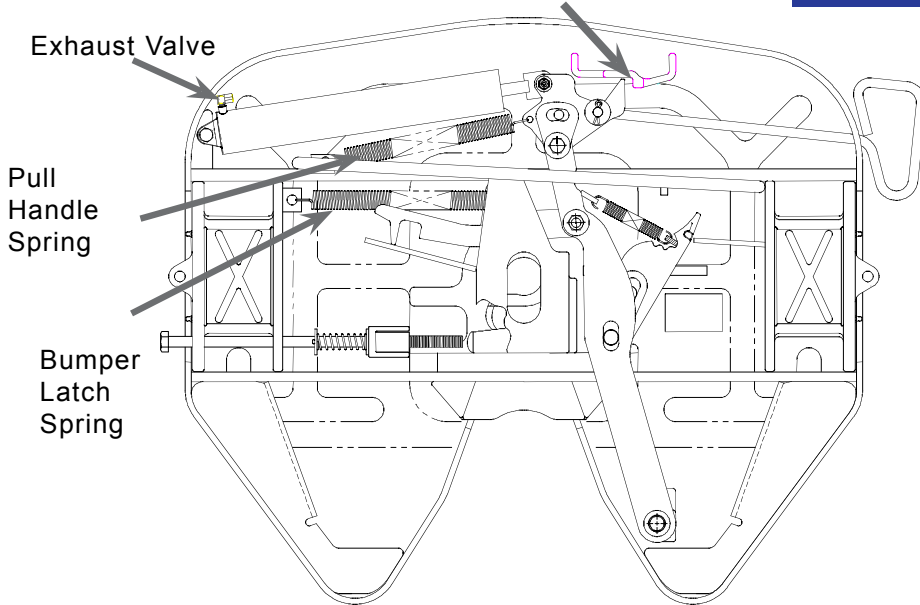
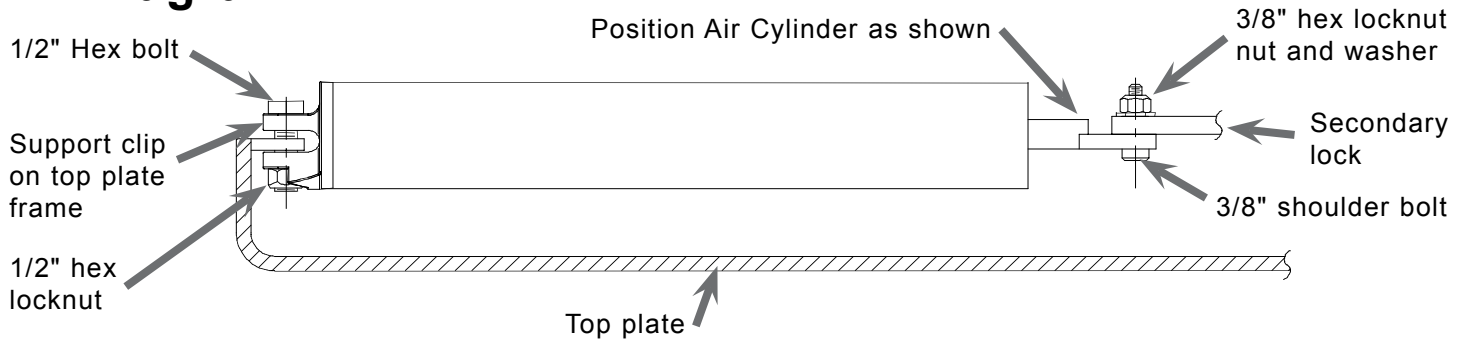
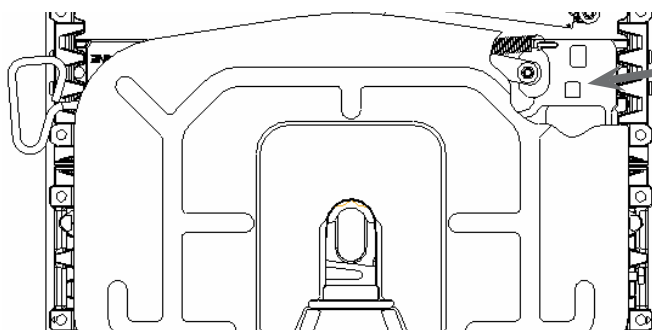


Diagram 2



Important: Hand-tighten 1/2" hex bolt using a torque wrench (torque to 30-35 ft* lbs). Hand-tighten 3/8" shoulder bolt using a torque wrench (torque to 20-28 ft* lbs). Do not over torque!

Diagram 3 Top View



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

