



INSTALLATION INSTRUCTIONS FOR SLIDE-AWAY BASEPLATE GAS SPRING KIT# 36998

- Be certain that these supplemental instructions are read and understood completely before installation is attempted. You should also refer to the Service/Owner Manual for additional installation instructions and safety precautions.
- Check contents of this kit and notify Ricon immediately of any missing parts. Claims for damages that have occurred during shipping must be made to the shipper.

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- Under no circumstances is maintenance, repair, or adjustment of the product to be performed without the presence of an individual capable of giving aid.
- This lift is driven with hydraulic pressure generated by a hydraulic pump system. The fluid is highly pressurized and possibly very hot. Use extreme caution when doing maintenance and repairs. DO NOT disconnect hoses or fittings when lift is in motion.
- Give immediate attention to all injuries, and administer first-aid, or seek medical attention as necessary.
- Protective eye shields and clothing should be worn during maintenance, repair, and adjustment of the lift.
- Work in a properly ventilated area.
- Check for hidden obstructions before drilling and cutting. Avoid interference with wiring, fuel tank, fuel lines, hydraulic lines, subfloor members, etc.
- Read and understand all instructions before attempting to operate the product.
- Read and understand all instructions before attempting to perform maintenance, repairs, or adjustments to the product.
- Read and comply with warning labels attached to lift.
- Refer to Slide-Away Service Manual for part numbers of replacement parts mentioned here.

I. INTRODUCTION

The purpose of this document is to outline the step by step procedure for replacing the baseplate gas strut and cable.

A. KIT COMPONENTS

Gas Spring	(P/N 39368)	Nut	(P/N 14-08-304)
Clevis	(P/N 35232)	Screw	(P/N 39370)
Pulley Shield	(P/N 35958)	Cable	(P/N 35233)
Grooved Bearing	(P/N VS-AH-06)		

B. TOOLS REQUIRED

3/16" Allen Wrench
5/32" Allen Wrench
5/64" Phillips screwdriver
6" x 2" x 2" Wooden block
3/8" Wrench

II. REMOVAL AND INSTALLATION OF GAS SPRING AND CABLE

A. REMOVAL OF GAS STRUT AND CABLE

1. Deploy platform to ground level. Remove short side ramp and longer rear ramp (not shown) from around the baseplate to gain access to lower tower components.
2. Refer to **FIGURE 1**. Stow platform to vehicle floor level to gain access to baseplate access panel.



FIGURE 1

3. Refer to **FIGURE 2 and 3**. Remove center access panel at rear of baseplate.

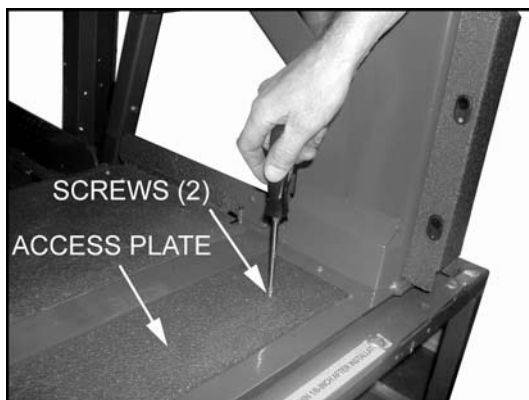


FIGURE 2

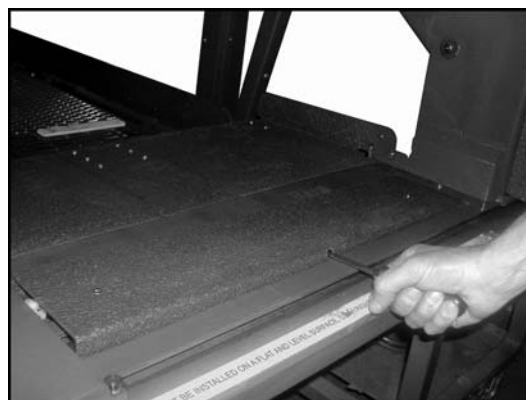


FIGURE 3

4. Refer to **FIGURE 4**. Partially stow platform and insert a 6" x 2" x 2" wooden block (or similar) in baseplate. This will prevent gas strut from fully extending and decrease tension on cable.

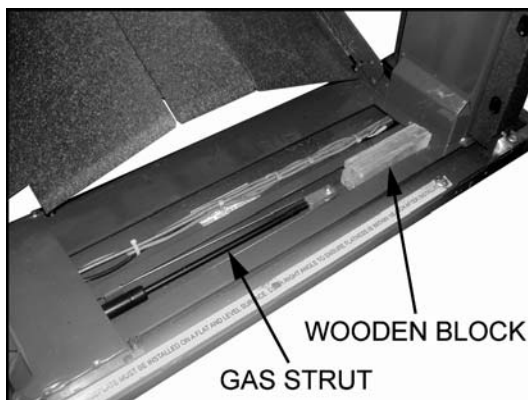


FIGURE 4

5. Refer to **FIGURE 5 and 6**. Deploy platform. Note slack in cable.

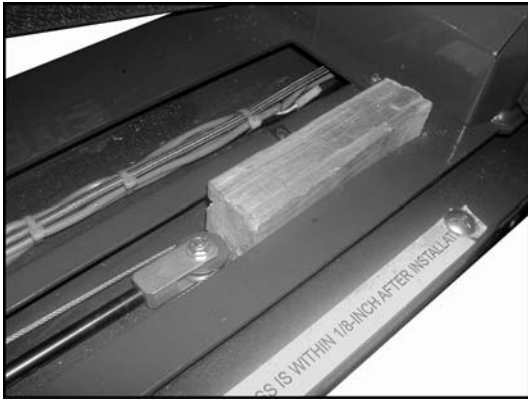


FIGURE 5

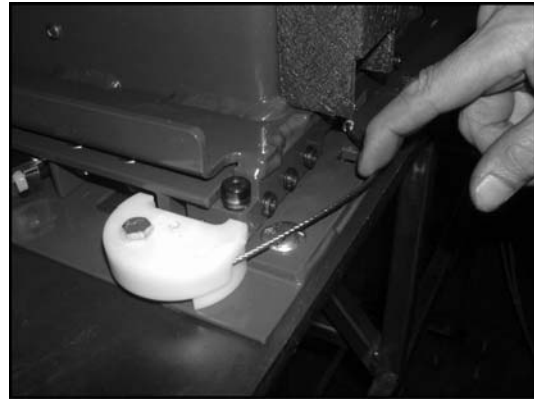


FIGURE 6

6. Refer to **FIGURE 7**. Remove hex screw to detach anchored end of cable. Retain plastic guide for installation.

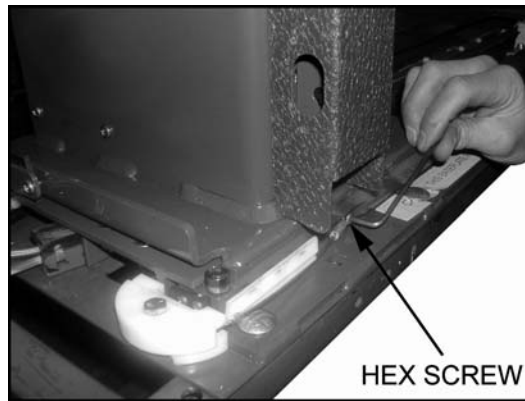


FIGURE 7

7. Refer to **FIGURE 8**. Insert screwdriver through cable end for leverage then pull cable to compress gas strut and remove wooden block. Release cable slowly.

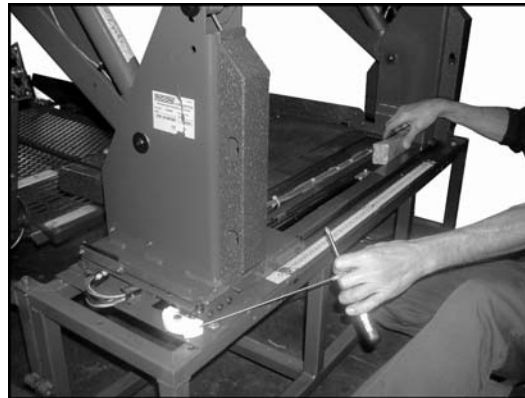


FIGURE 8

8. Refer to **FIGURE 9**. Secure gas strut with pliers for leverage.
9. Refer to **FIGURE 9 and 10**. Remove nut that attaches gas strut to baseplate and retain for installation.



FIGURE 9

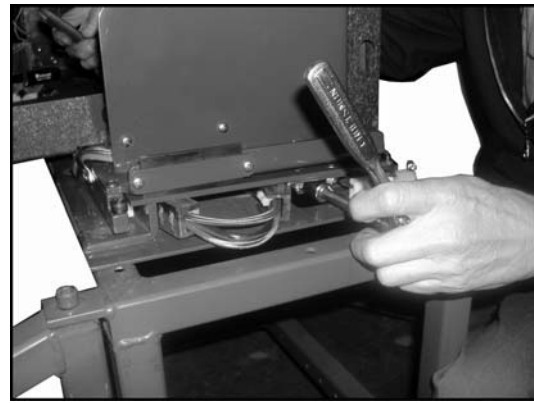


FIGURE 10

10. Refer to **FIGURE 11**. Slide gas strut inward then lift and remove from baseplate.



FIGURE 11

11. Refer to **FIGURE 12**. Remove bolt then remove half-moon guide to detach cable. Retain bolt and half-moon guide for installation.

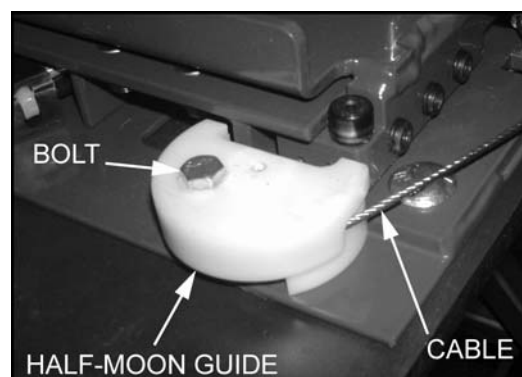


FIGURE 12

12. Remove the screw and collar that attaches the cable to baseplate and retain for installation.

13. Remove cable from baseplate. Discard old cable.

Note: Do not reuse old cable. Use Cable (P/N 35233) provided in kit.

B. INSTALLATION OF GAS SPRING AND CABLE

1. Install cable (P/N 35233) and secure with existing screw and collar, retained from step 12.

Note: Do not reuse old cable. Use Cable (P/N 35233) provided in kit.

2. Route cable through baseplate and around the bottom portion of half-moon guide.

3. Re-install top portion of the half moon guide with routed cable and fasten with bolt, as shown in **FIGURE 12**.

4. Refer to **FIGURE 13**. Install clevis (P/N 35232) onto gas spring (P/N 39368).

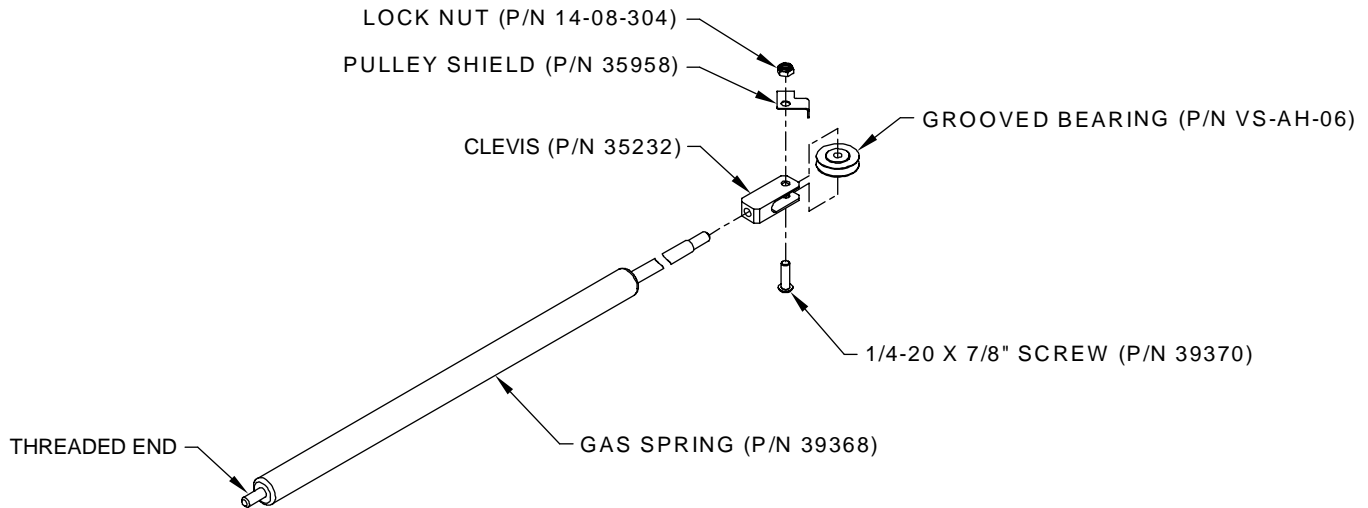


FIGURE 13

5. Refer to **FIGURE 13**. Assemble grooved bearing (P/N VS-AH-06), pulley shield (P/N 35958) and attaching parts onto clevis (P/N 35232). Do not tighten.

Note: Do not tighten 1/4-20 screw onto pulley shield with lock nut until cable has been routed onto grooved bearing.

6. Place gas spring (P/N 39368) in baseplate as shown in **FIGURE 11**.
7. Route cable (P/N 35233) onto grooved bearing (P/N VS-AH-06).
8. Tighten 1/4-20 x 7/8" screw (P/N 39370) and lock nut (P/N 14-08-304) and secure pulley shield onto clevis.
9. Refer to **FIGURE 14**. Align threaded end of gas spring into bracket hole then fasten to baseplate with nut.

Note: Apply medium strength thread lock (Loctite 243) to threaded end of gas spring before installing nut.

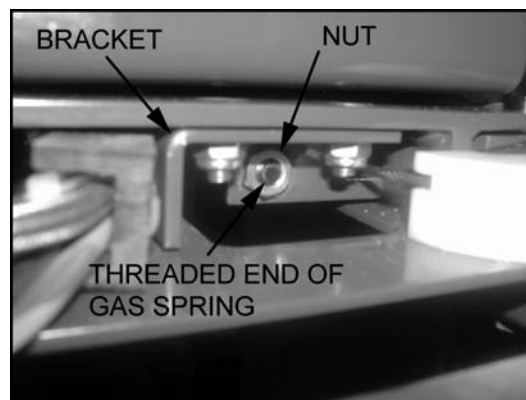


FIGURE 14

10. Pull cable and insert wooden block (or similar) in baseplate, as shown in **FIGURE 4**. Allow slack in cable.
11. Install existing hex screw to anchor the cable end onto the baseplate as shown in **FIGURE 7**.

Note: Ensure that the plastic guide retained from removal procedure is reinstalled as shown in **FIGURE 7**.

12. Partially stow lift to remove wooden block (or similar) from baseplate as shown in **FIGURE 4**. Tension to cable will be restored when wooden block is removed.
13. Replace center access cover and re-install center access cover screws.
14. Deploy and stow lift to ensure that gas spring and cable are working properly.