

Service Bulletin 404861 Rev. A



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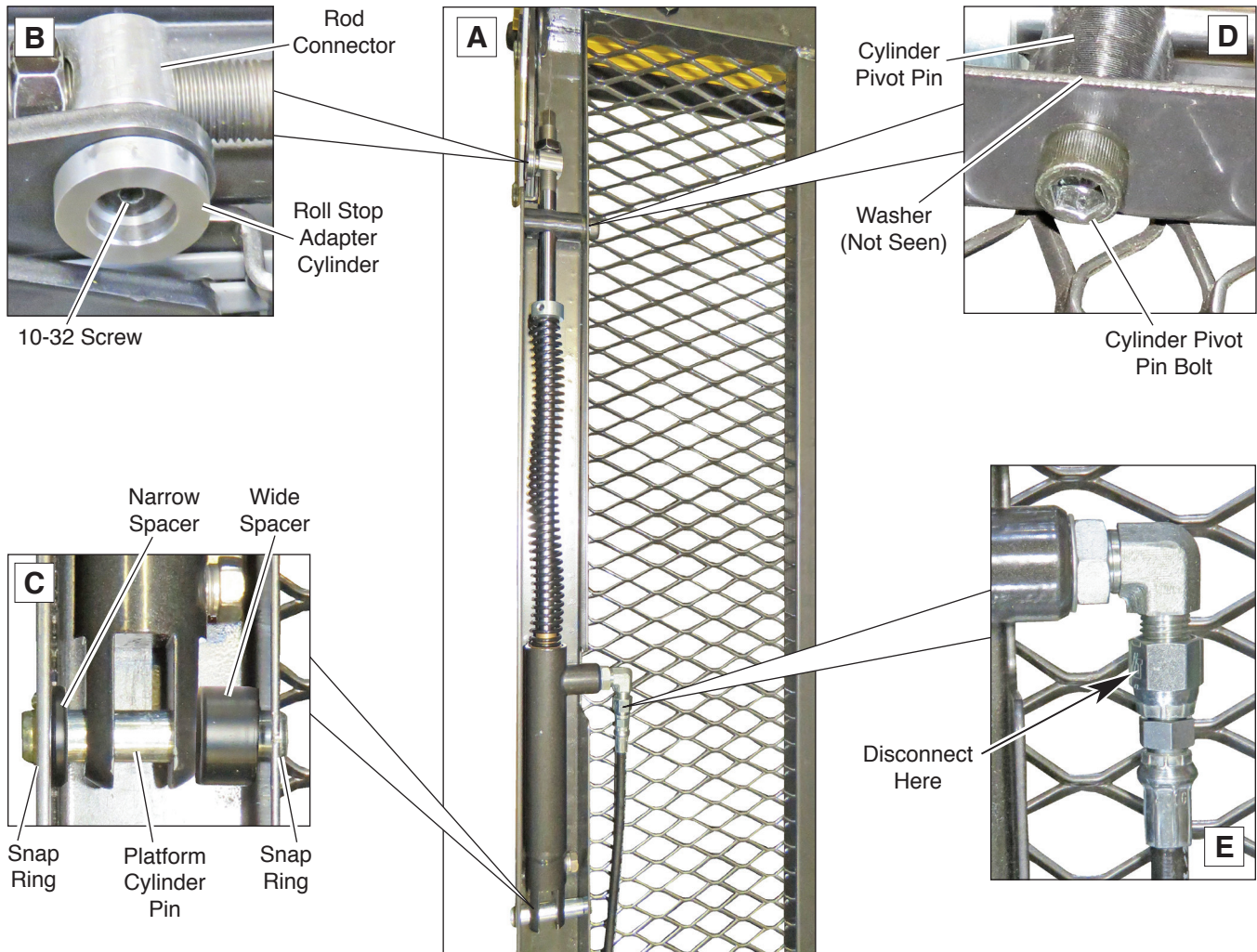
(574) 946-4139 • 1-800-THE-LIFT • www.braunability.com

June 2019

Applicable for Pre-NHTSA "L" Series
Millennium DPA lifts

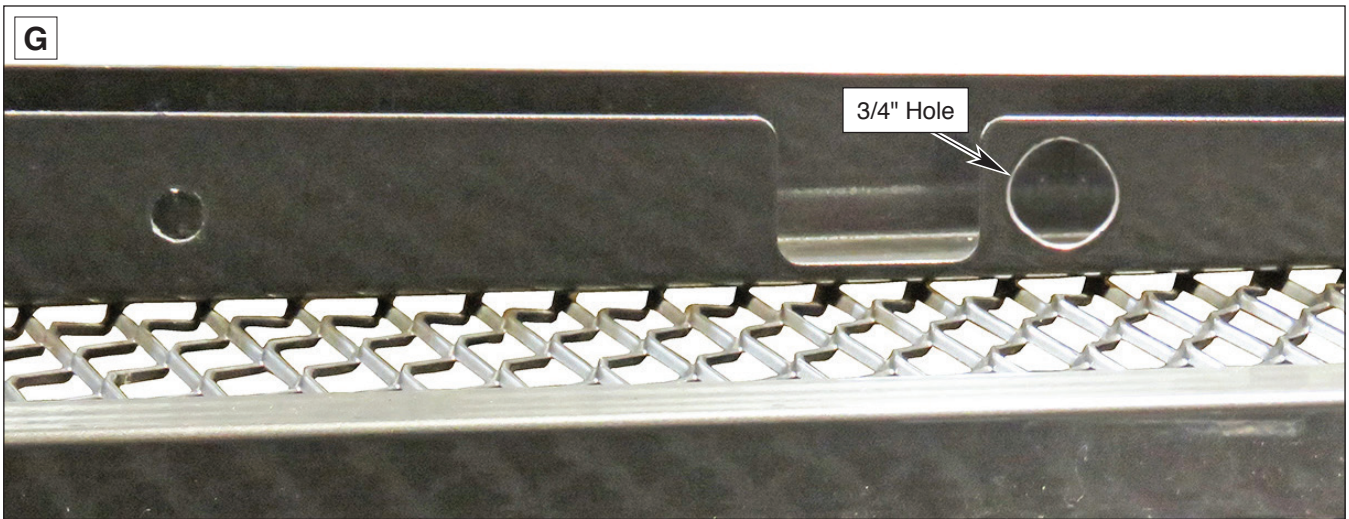
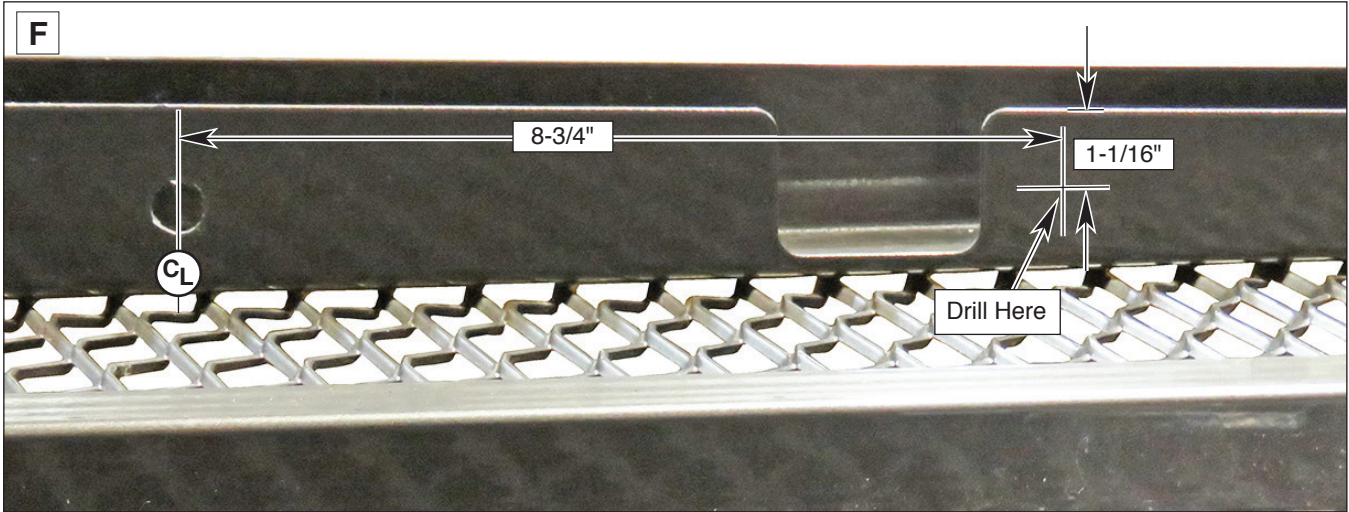
Installation Kit 915-3318NAKS

Read Instructions Before Beginning

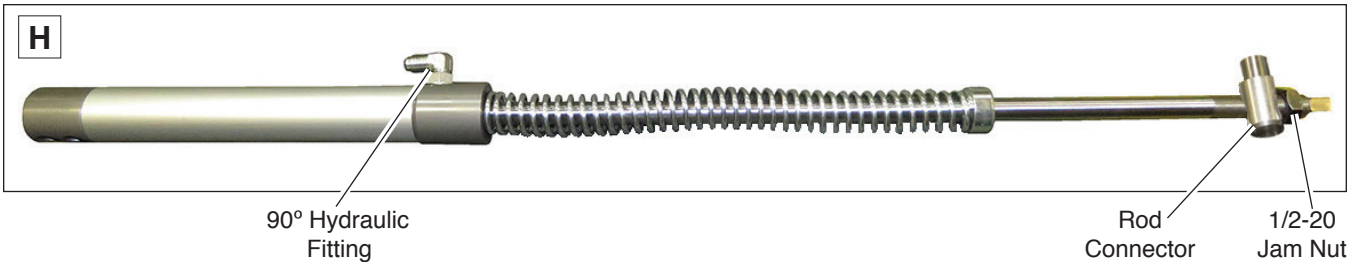


1. Remove power from lift and relieve hydraulic line pressure (open hydraulic pump valve).
2. Remove 10-32 screw securing roll stop adapter cylinder to rod connector. Keep screw and roll stop adapter cylinder. See Photos A and B.
3. Remove platform cylinder pin. Discard platform cylinder pin, snap rings, narrow spacer, and wide spacer. See Photos A and C.
4. Remove cylinder pivot pin and pivot pin bolt. Keep cylinder pivot pin bolt and cylinder pivot pin washer. See Photos A and D.
5. Disconnect hydraulic line. See Photos A and E.
6. Remove and discard hydraulic cylinder assembly.

Roll Stop Hydraulic Cylinder Retrofit Instruction 404861 Rev. A

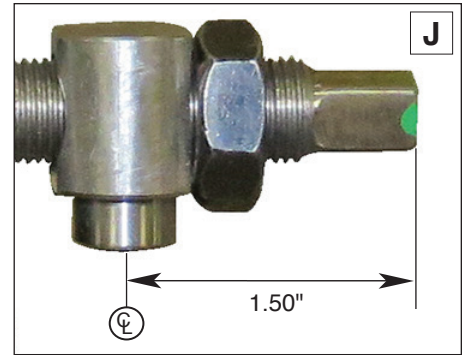
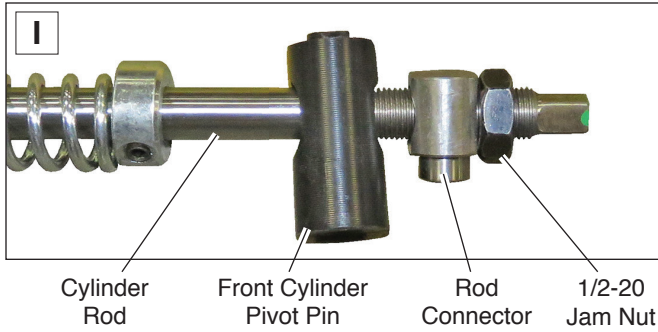


7. Drill 3/4" hole at location indicated (if required*). Refer to Photos F and G.
*Note: Some platforms will not require drilling. Measure 8.75" as shown in Photo F.
If area is already "open" drilling is not required.



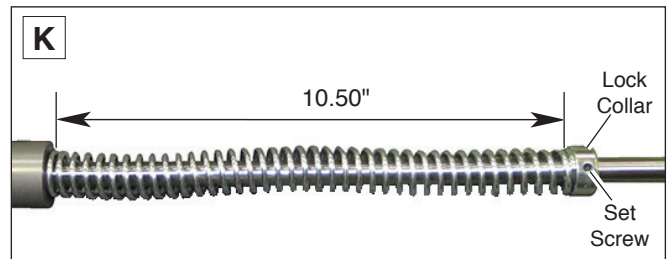
8. Remove and set aside 90° hydraulic fitting and 1/2-20 jam nut from replacement cylinder assembly. Remove and discard rod connector. See Photo H.

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9. Install front cylinder pivot pin and rod connector onto replacement cylinder (included in kit). Reinstall jam nut. See Photo I.

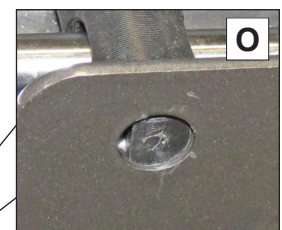
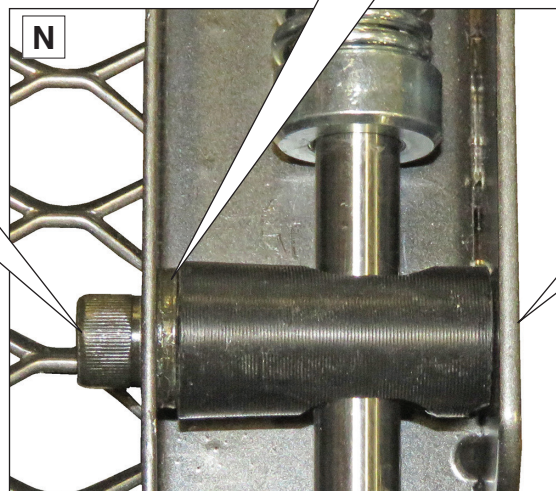
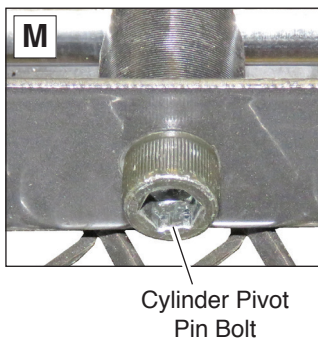
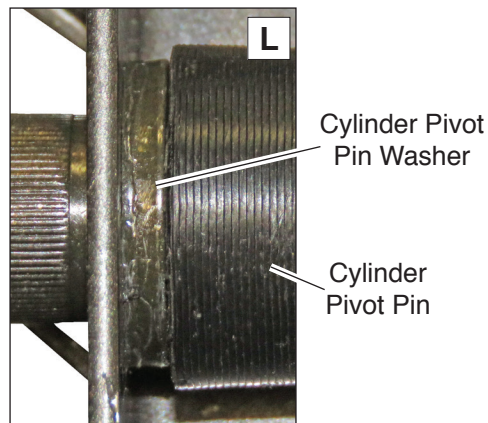
10. Set center of rod connector 1.5" from end of cylinder rod. Position jam nut against cylinder rod. See Photo J.



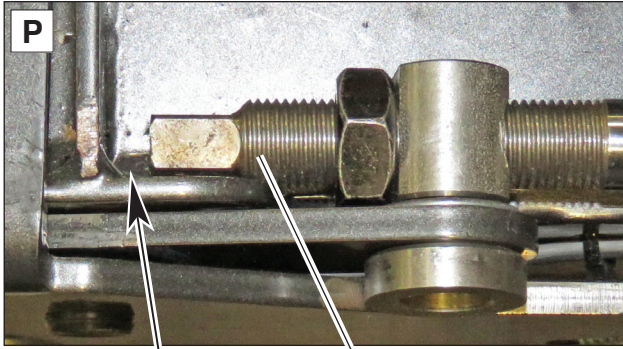
11. Loosen set screw on lock collar and compress spring to 10.50". Tighten set screw. See Photo K.

12. Place hydraulic cylinder into lift platform channel.

13. Secure front cylinder pivot pin to lift using cylinder pivot pin washer and cylinder pivot pin bolt removed in Step 4. Tighten securely. See Photos L through O.



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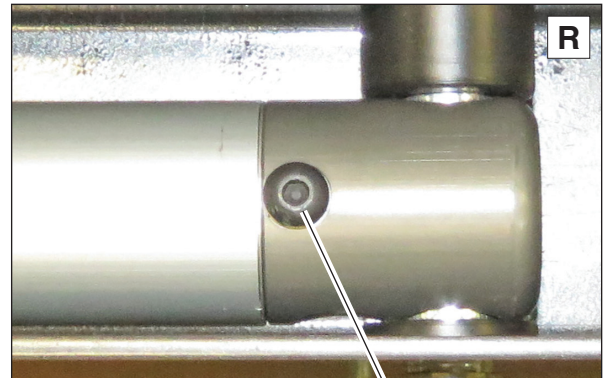
Cylinder Rod Not Contacting Platform
Cylinder Rod



14. Reinstall roll stop adapter cylinder using 10-32 screw. Refer to Photos A and B.

15. Move outer barrier to the down position. Ensure the cylinder rod does not make contact with platform. See Photo P and Q.

16. With outer barrier in the down position, install platform cylinder pin, snap rings, narrow spacer, and wide spacer (included in kit). Ensure cylinder overflow chamber drain plug is facing away from platform. Refer to Photos A, C, and R.

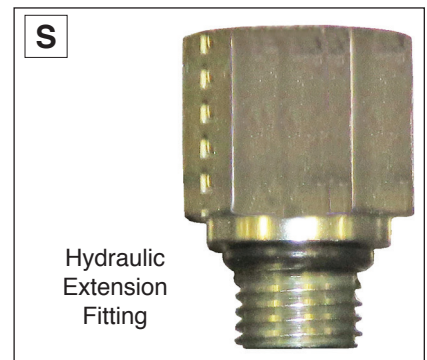


Cylinder Overflow Chamber Drain Plug

17. Install hydraulic fitting extension (included in kit) and 90° fitting removed in Step 8. Ensure 90° fitting is oriented toward inboard barrier. See Photos S and T.

18. Connect hydraulic line. Refer to Photos A and E.

19. Apply power to lift, close hydraulic pump valve, and operate lift through several cycles, checking for leaks.



Hydraulic Extension Fitting

Hydraulic Cylinder Maintenance

Check cylinder for leaks after 750 cycles. Place platform at floor level and remove cylinder overflow chamber drain plug. If fluid is found check again at 1,500 cycles, otherwise, check at 4,500 cycles. If the amount of fluid increases between inspections, the cylinder must be replaced.

