

OPERATING INSTRUCTIONS

15030 - Freightliner Airliner Rear Suspension Pin & Bushing Adapter

IMPORTANT: READ ALL INSTRUCTIONS BEFORE USING THIS PRODUCT



Safety Warning & Cautions:

When using this product;

1. KEEP WORK AREA CLEAN. Cluttered areas invite injuries;
2. ALWAYS SET PARKING BRAKE AND BLOCK TIRES;
3. USE EYE PROTECTION. Always wear approved impact safety glasses;
4. 10,000 psi LIMIT. Do not operate the hydraulic pump beyond the rated capacity;
5. STAY ALERT. Watch what you are doing. Use common sense! Do not operate this tool if you are unsure of its application and use;
6. USE REPLACEMENT PARTS AND ACCESSORIES PROVIDED BY TIGER TOOL ONLY. All replacement parts and accessories are available;
7. KEEP HYDRAULIC COUPLER PROTECTED WHEN NOT IN USE. Dust caps should be used on couplers when not in use to avoid contaminants from entering the hydraulic cylinder and power source. This practice will help to extend the life of this product and ensure continued consistent operation.

TIGER TOOL
International Incorporated

**Call 1-800-661-4661
for technical questions or
replacement parts.**

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Bushing Removal:

Step 1.

Disconnect and lower one end of the drive shaft.

Step 2.

Remove bolt from one end of shock.

See Figure A

Step 3.

Jack up truck by frame

Step 4

Remove bolts from hanger (spring should fall out of hanger) See Figure A.

Step 5

Attach socket with two through holes to bushing on outside of frame (make sure socket is as close to bushing sleeve diameter as possible) See Figure B.

Step 6.

Screw spacer sleeve on to hydraulic cylinder (two flats on threaded end)

See Figure B.

Step 7

Insert pull bar in remaining single hole socket. Mount unit on bushing inside the frame, slide on 3/4" wear sleeve, 4" spacer sleeve, slide on cylinder with threaded sleeve attached and hand tight nut provided. See Figure B.

Step 8.

Apply hydraulic pressure-this will pull bushing approximately 2", relieve hydraulic pressure, retighten nut, apply pressure again this will remove the bushing.).

See Figure B.

Figure A.

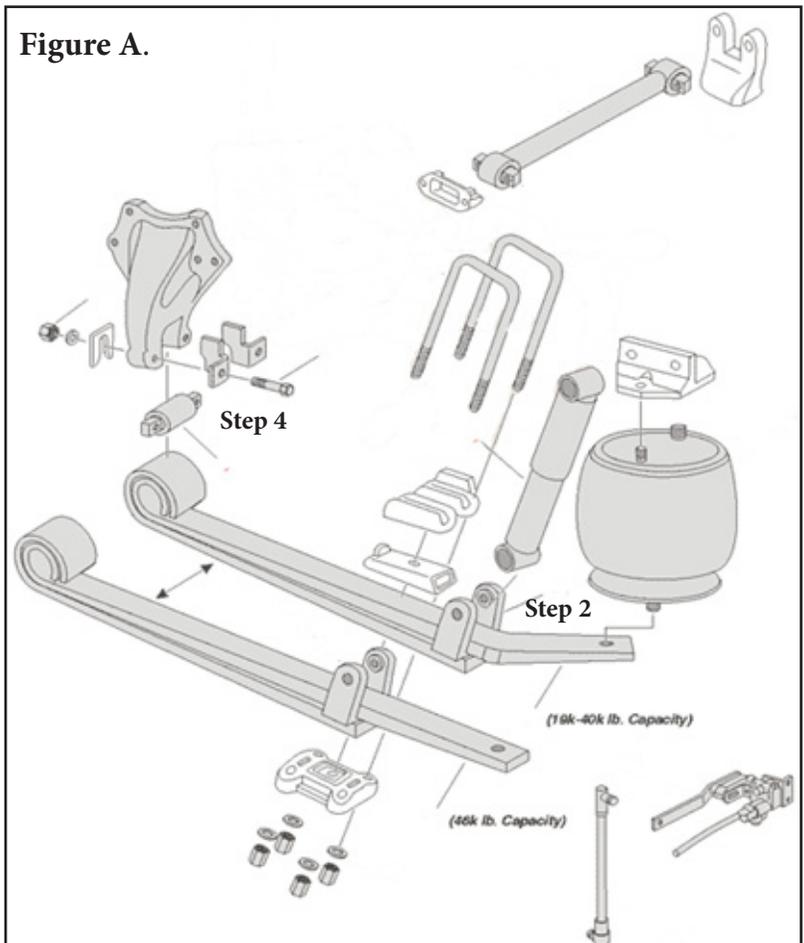
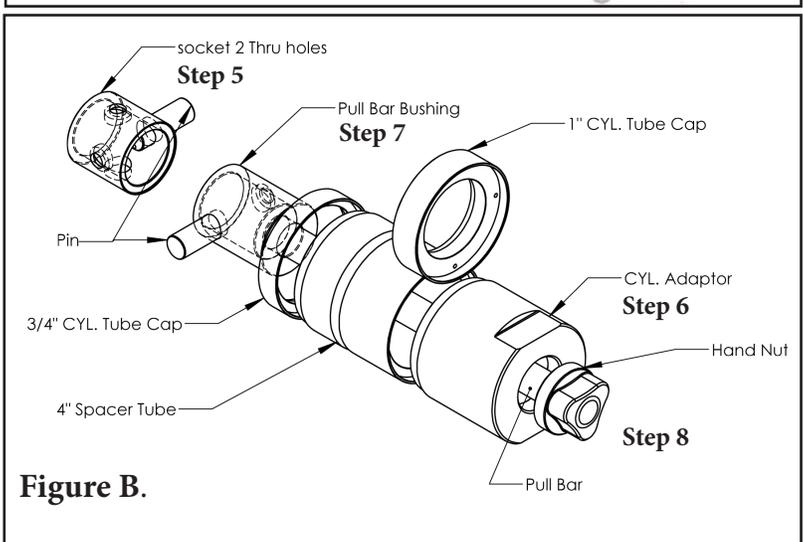


Figure B.



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Bushing Installation:

Step 1.

Attach socket (2 thru hole) to large side of bushing, as close to the sleeve as possible.

Step 2.

Attach socket and pull bar to small side of bushing

Step 3.

Slide pull bar through spring eyelet, install 1" thick ware sleeve (2 5/8" hole)

Step 4

Install cylinder with screw on sleeve attached, thread on nut and hand tighten

Step 5

Apply hydraulic pressure; this will pull bushing in approximately 2". Release pressure snug up nut and apply pressure again until bushing seats.

Step 6.

Remove sockets and reinstall spring in hanger

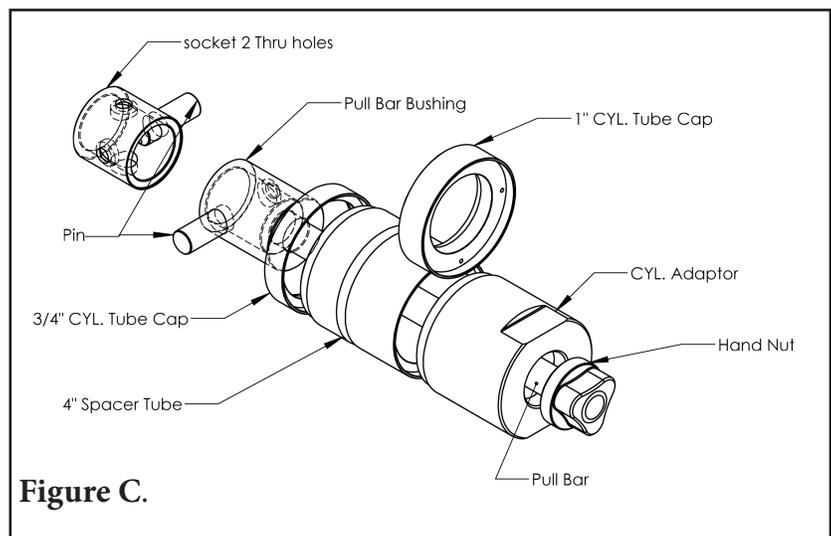


Figure C.

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