

11-14-2007, 11:43 PM

**Re: Braking Shudder (Its not the rotors)HELP!!!**

I ordered shoes and drums from Tonkin. Saved about \$100 compared to local dealer. Took about 7 working days to receive the shipment in San Diego, CA.

- (1) Drums: 42431-34021
- (2) Shoes: 04495-35230

Stuffs you'll need:

- (1) High temperature brake grease
- (2) Brake hold-down spring tool (\$7 at Autozone)
- (3) Haynes Repair Manual (\$20 at Autozone)
- (4) Brake fluid only if you plan to bleed the brake system. I didn't do it.
- (5) Other basic mechanical tool i.e. screw drivers, torque wrench,...
- (6) Dust mask (optional ... I have allergy 😊)

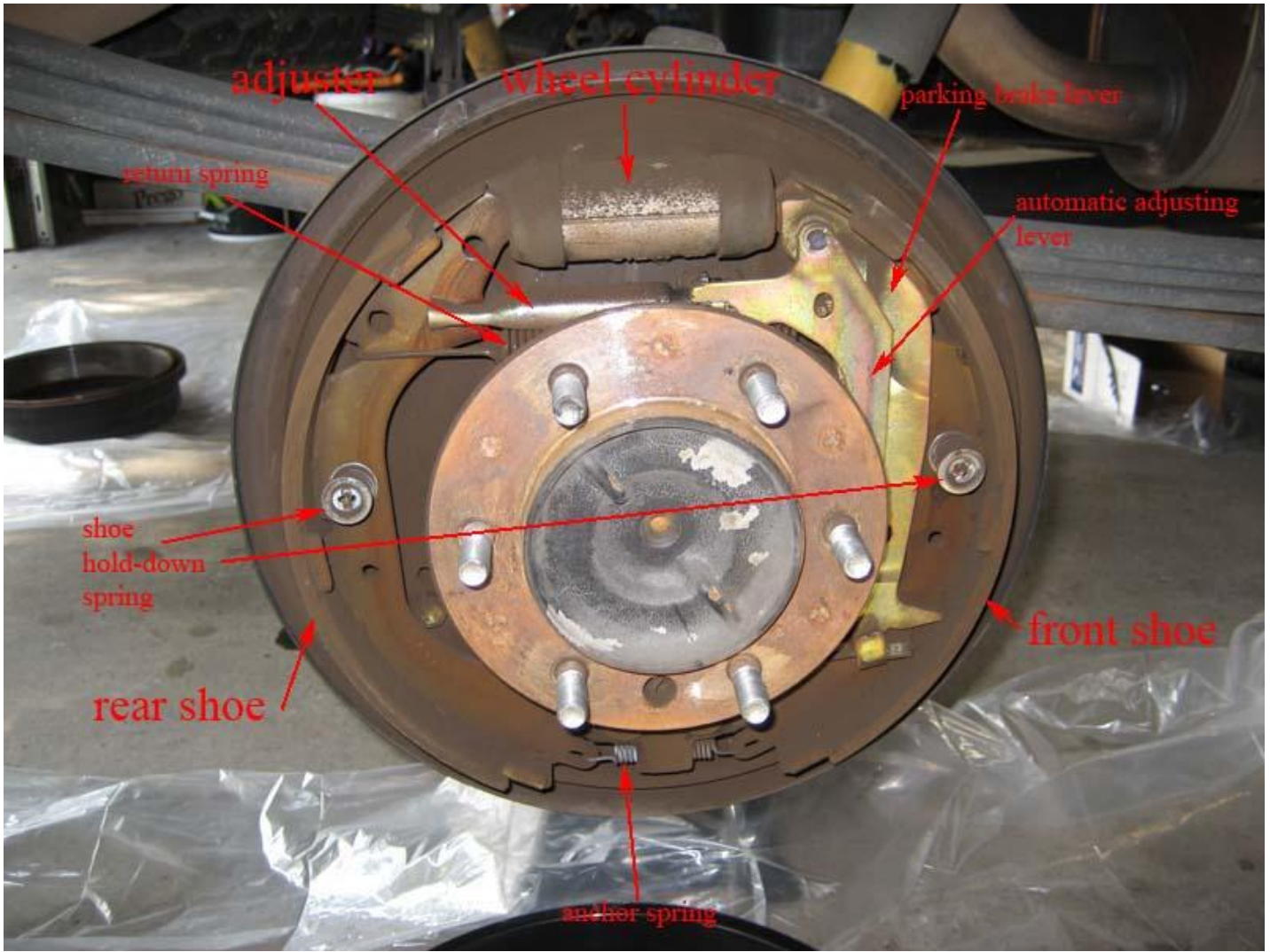
Remove the wheel and you'll see the drum:



Remove the drum. If your drum is tight, you may need to loosen up the star adjuster. The manual is great but PM me if you need help.



After the drum is removed, you'll see:

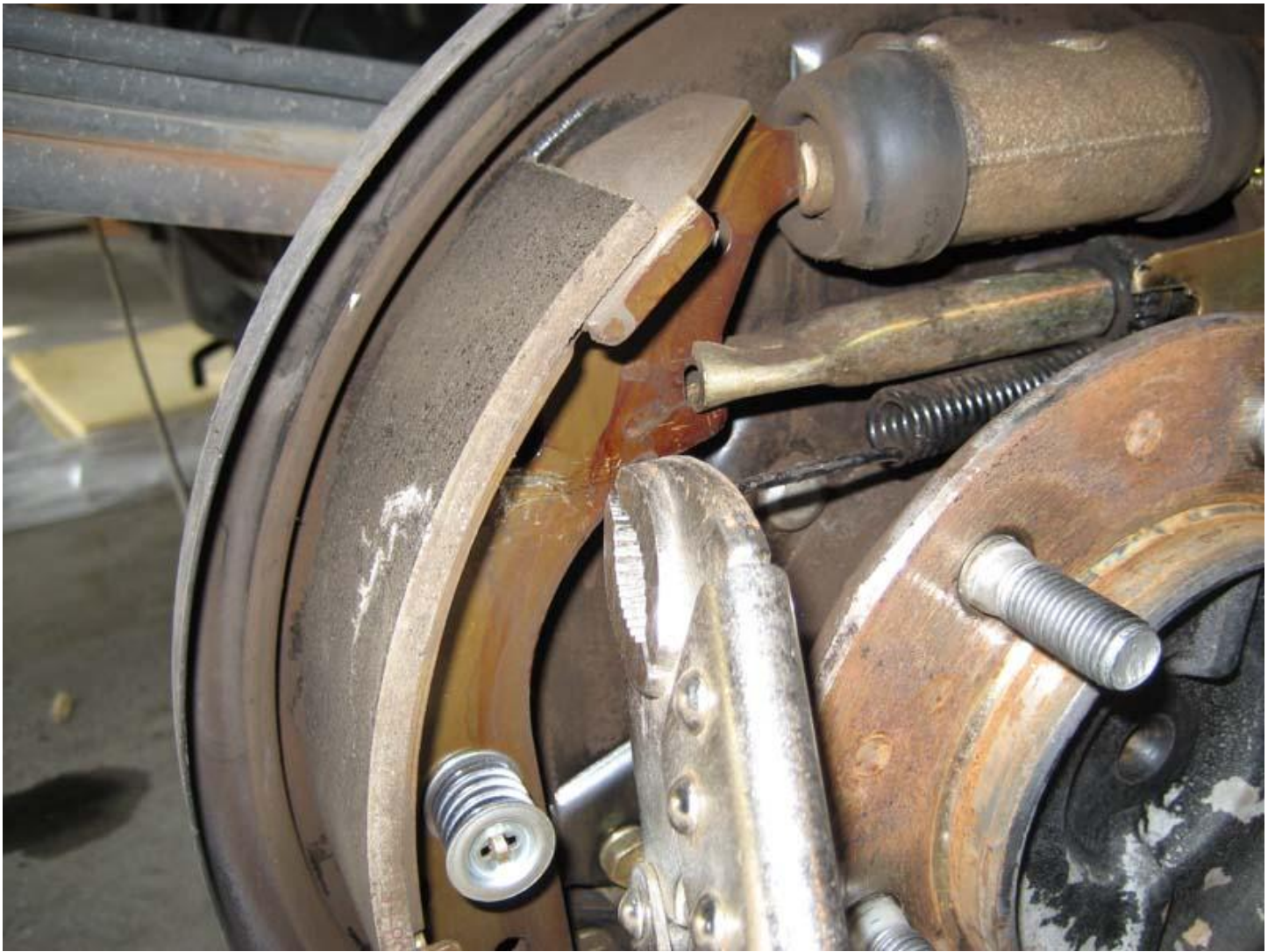


Use brake cleaner and spray before you go further:





Remove the return spring. I used the return spring tool bought at Autozone but that didn't work to well, so just used plier.



Remove the shoe hold-down spring. If you push the tool on top of the spring, it might push the pin back. So use the other hand to stop the pin from being forced back.





Now remove the hold-down spring while the other hand press againsts the pin:

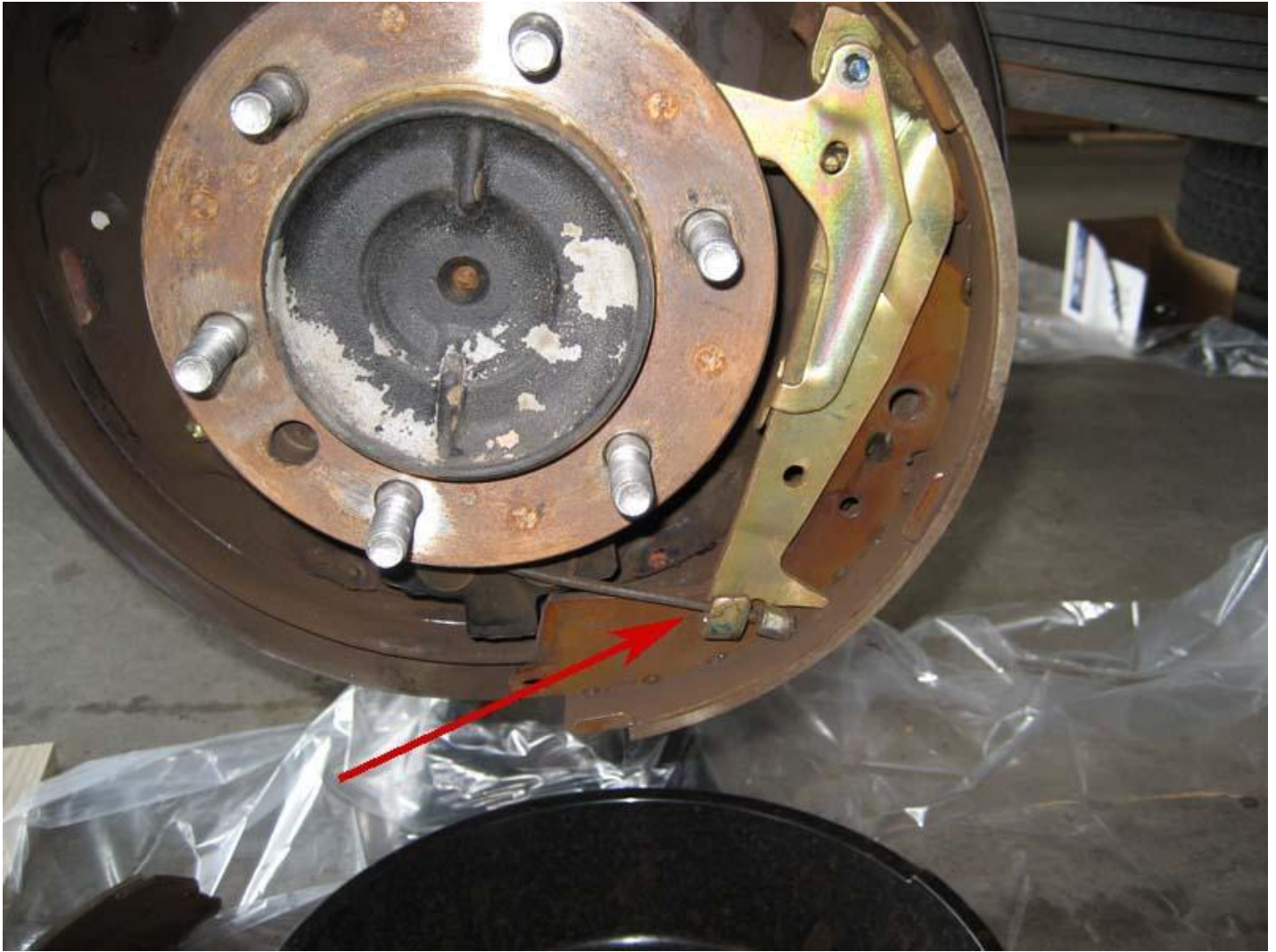


Remove the rear shoe:

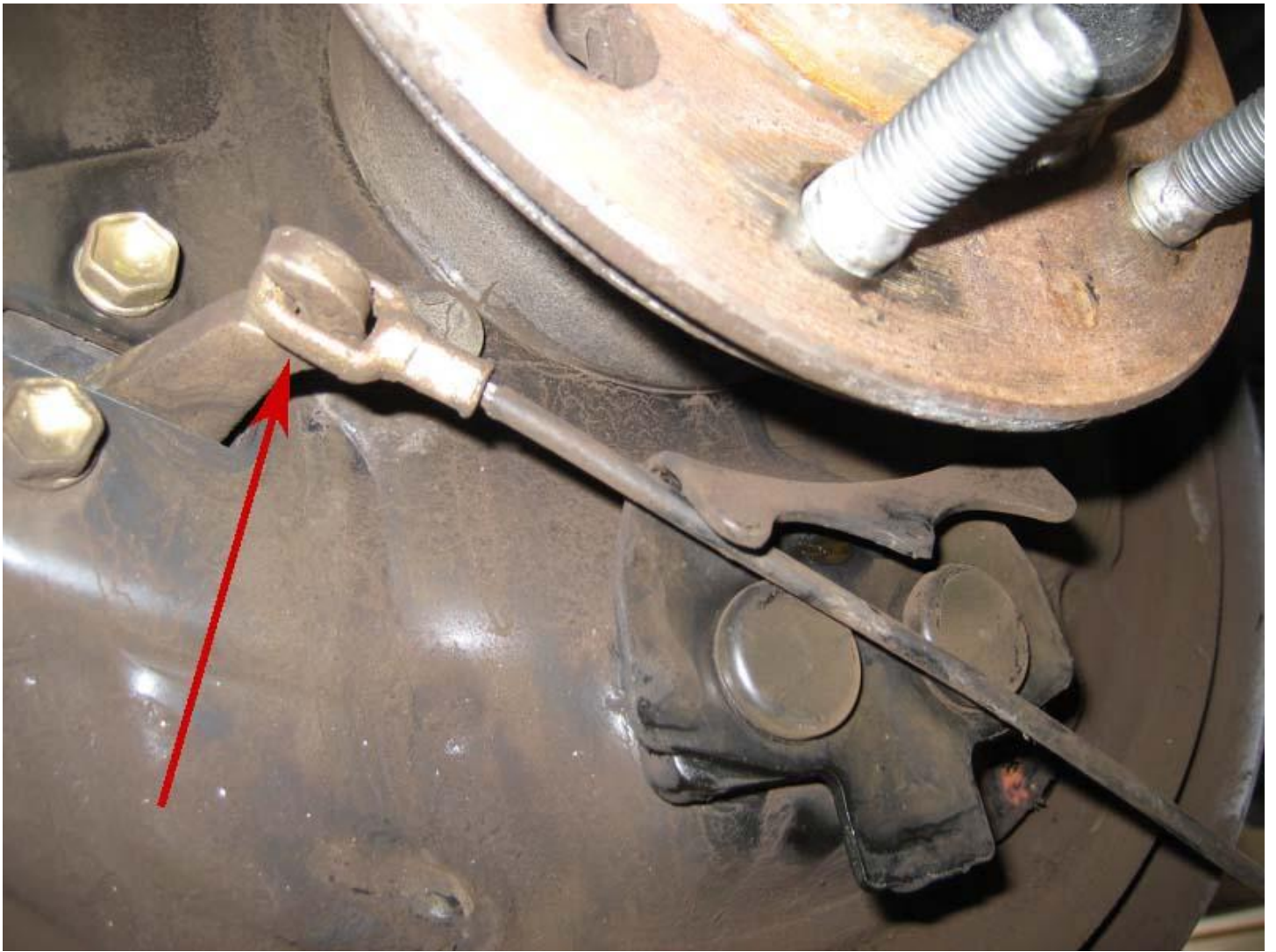


Remove one end the parking brake cable from the parking brake lever:





Remove the other end of the cable from the parking brake bellcrank:



After removing everything comes off, you're left with the dirty backing plate. Use the brake clean to spray them off:





Apply the high temperature brake grease on the backing plate where the red arrows point at:





Now flip the front shoe over, remove the Adjusting Lever Spring from the Automatic Adjusting Lever:



Flip the Front Shoe over again, remove the E-Ring (I used screw driver). Then take off the Automatic Adjusting Lever. Next you'll see the C-washer. Use plier to remove the washer (I got the new washers come with the new shoes). Then you'll be able to remove the Parking Brake Lever.



In the pix, I did not un-screw the star adjuster but take it apart, then grease all the moving components:





Clean the other brake components:



Compare the old and new drums. Grease the brake adjuster if you haven't done so already 😊



Another view of the old and new drums:





Now, put the Parking Brake Lever, C-washer, Automatic Adjusting Lever, and E-Ring back on the new Front Shoe. You can put part of the Adjuster back on as well.



Flip the Front Shoe over and re-install the Adjusting Lever Spring.



Re-install the rest of the adjuster. Note the brake grease I was using.





**3M**  
**Brake Lube**  
A Multi-Purpose Compound  
• Lubricates parts • Seals joints  
• Cleans surfaces • Prevents rust  
NET WT. 3.0 OZ (85g)  
NET WT. 1.0 OZ (28g)



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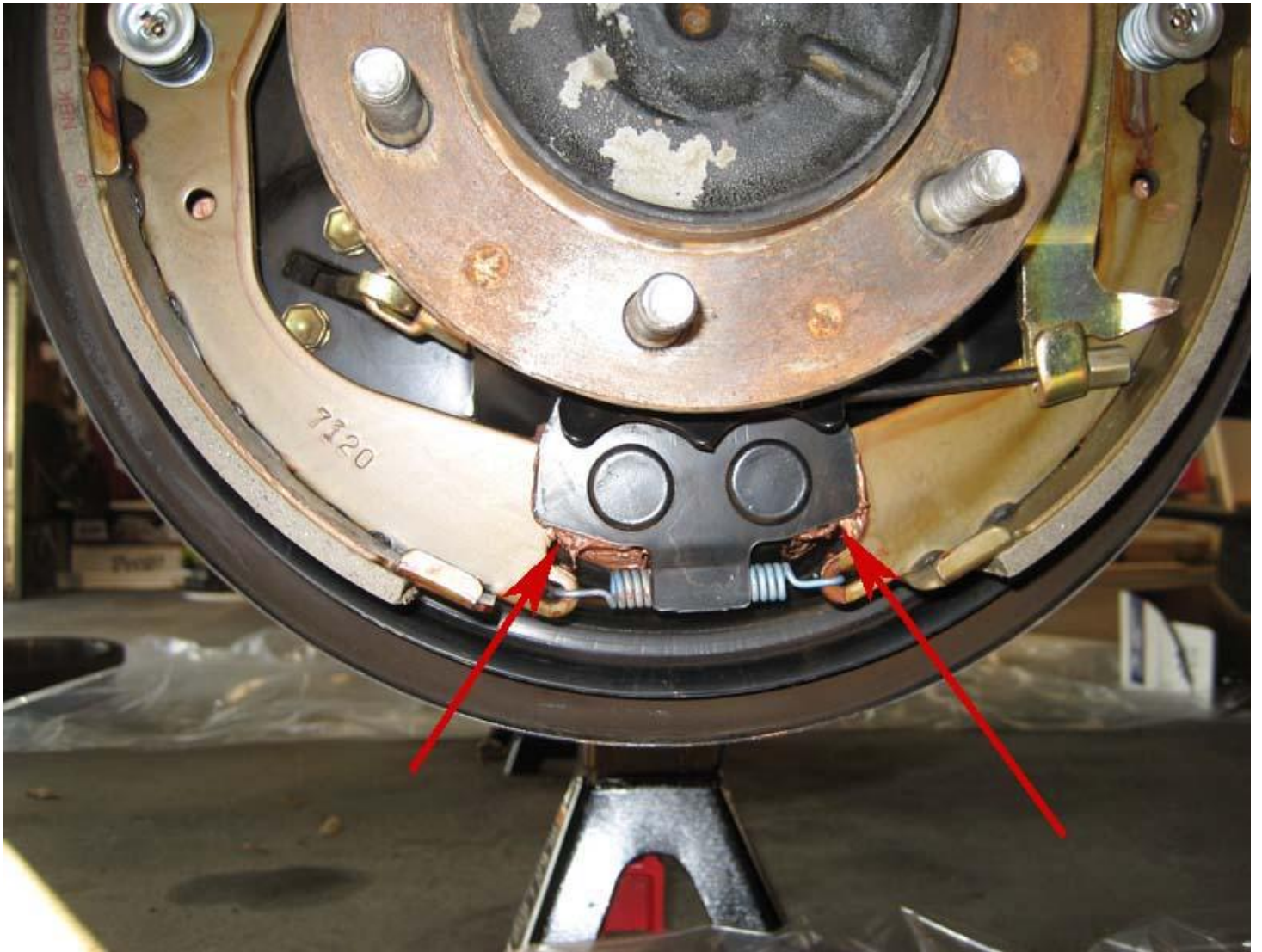


What a beauty 😊

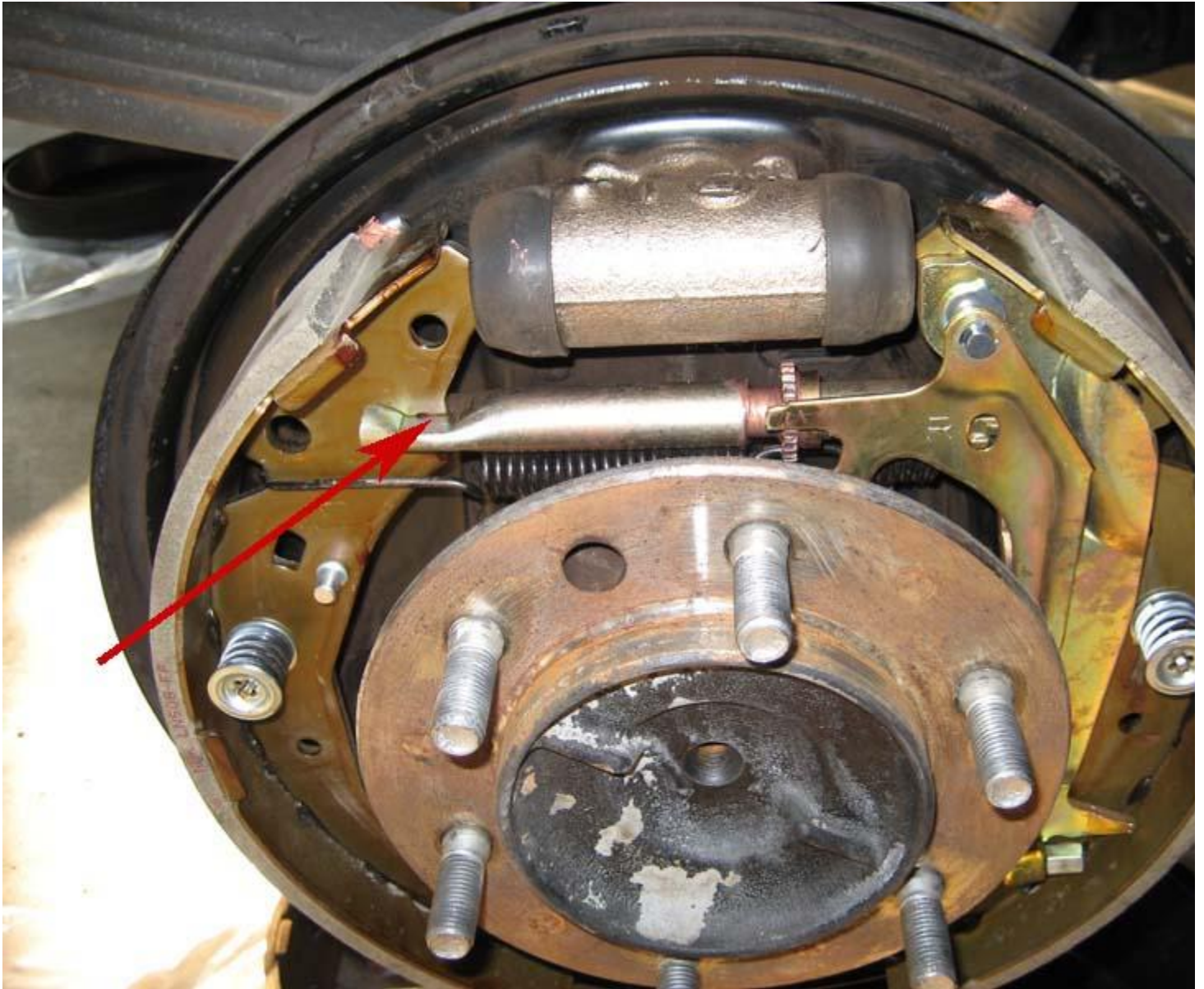


Don't forget to grease the bottom of the shoes:





And grease here too. I didn't grease it in this pix.



Adjust the Bellcrank. I don't know the best to describe this but the Haynes manual is good for this.

Now re-install the drum and wheel. Remember to apply the right torque. Adjust the star adjuster so the shoe drags slightly against the drum.

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*Last edited by anhn27; 11-17-2007 at 01:13 PM.*