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## Original Shock Hoops #1418 Date 5/20/05 rev. 0

### Parts

2 hoops  
2 front lower tabs

### Hardware

8 ea. 1/2x2 1/2" bolts  
8 ea. 1/2" lock nuts  
8 ea. 1/2 flat washers

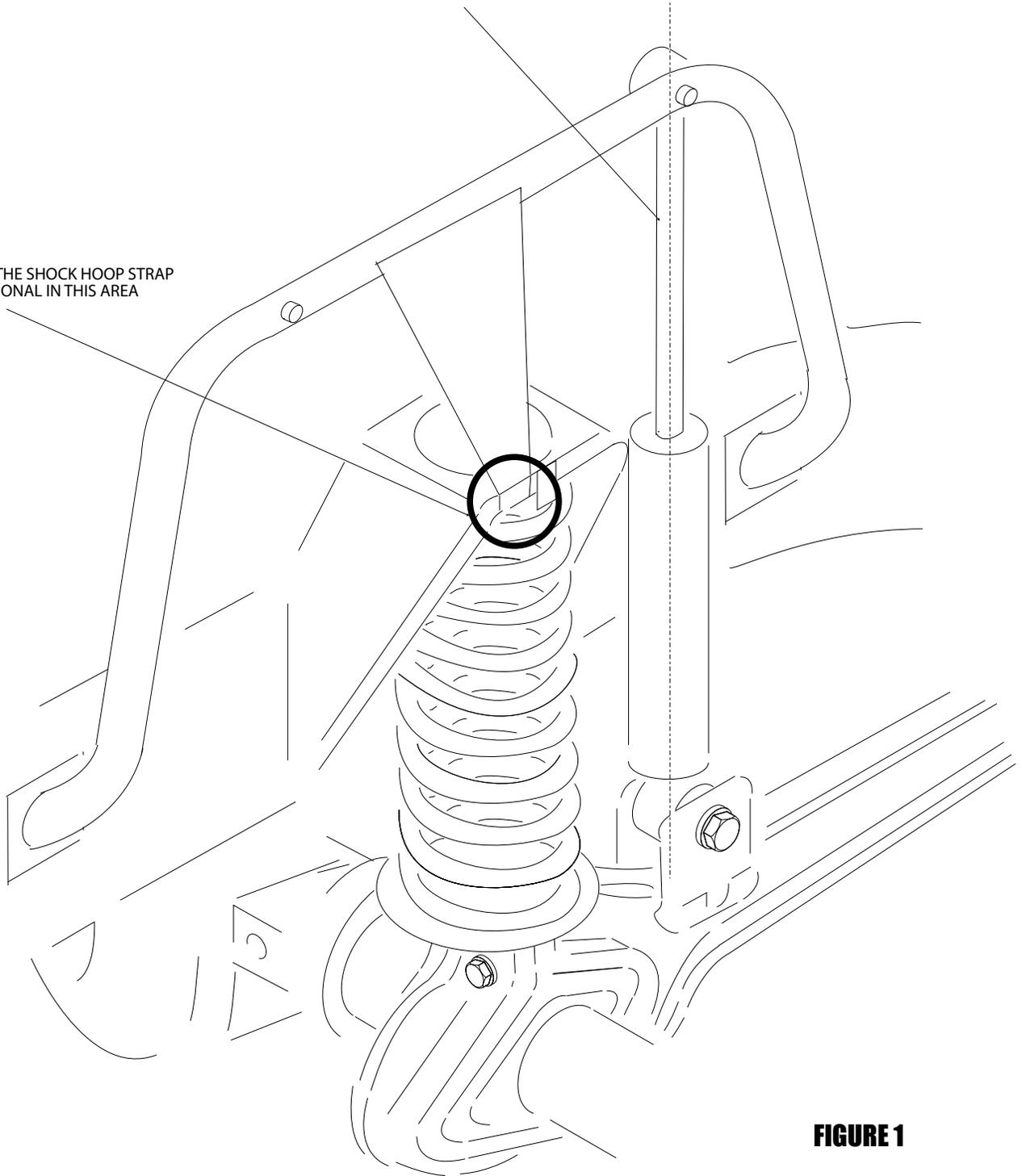
**WARNING: WELDING IS REQUIRED TO INSTALL THE ORIGINAL SHOCK HOOP AND ALL NECESSARY PRECAUTIONS MUST BE TAKEN TO INSURE SAFETY. THE BRACKETS ARE LOCATED NEAR THE FUEL LINE MOUNTED ON THE FRAME RAILS. THE FUEL LINES MUST BE RELOCATED TO PREVENT FIRE DURING THE CUTTING AND WELDING OPERATIONS.**

1. Move the Bronco to a flat and level area.
2. Jack the front axle up and support it on jack stands.
3. Remove the wheels.
4. Remove the shocks.
5. For safety, relocate and protect the fuel line on the driver's side frame rail in the area of the install.
6. Using a wire brush, scrapper, etc. thoroughly clean the area where the shock hoop will be installed.
7. Using a cutting torch, carefully remove the stock shock mount. DO NOT cut into the frame rail.
8. Grind the area clean.
9. Position the new shock hoop on the frame to establish the mounting location.
10. Mount the shock hoop on the frame as high as possible without making contact with the inner fender sheet metal.
11. Align the factory shock mount located on radius arm with the rear shock mount on the shock hoop. See Figure 1.
12. The V-shaped shock hoop strap can be installed in front of or behind the coil tower or it can be trimmed and welded right at the top of the coil tower.
13. When the shock hoop strap is trimmed and the shock hoop is positioned on the frame satisfactorily, clamp the shock hoop to the frame.
14. Mount a shock in the forward shock eye on the shock hoop.
15. Mount the lower shock tab loosely on the bottom shock eye.
16. Turn the steering to full lock in the direction of the side that is being worked on.
17. Position the lower shock mount tab on the C cap and mark the position. Make sure that there is no less than 1/2" clearance between the bottom edge of the tab and the tie rod. See Figure 2.
18. Using a wire brush, scrapper, etc. thoroughly clean the area where the lower shock mount tab will be installed.
19. Tack weld the lower shock mount tab to the C cap, See Figure 2.
20. Remove the shock from the lower shock mount.  
You can stitch weld the tab onto the C-cap about 3/4" at a time being careful not to melt your C-bushings. You can use wet towels to protect the bushings. Or move to step 21 and remove the cap.
21. Remove the C cap from the radius arm and remove the C bushing from the C cap.
22. Weld the lower shock mount tab to the C cap and let cool.
23. Insert the C bushing into the C cap making sure of the orientation of the bushing.
24. Reinstall the C cap onto the radius arm.
25. Weld the shock hoop pads to the frame. See Figure 2.
26. Weld the shock hoop strap to the spring tower. See Figure 2.

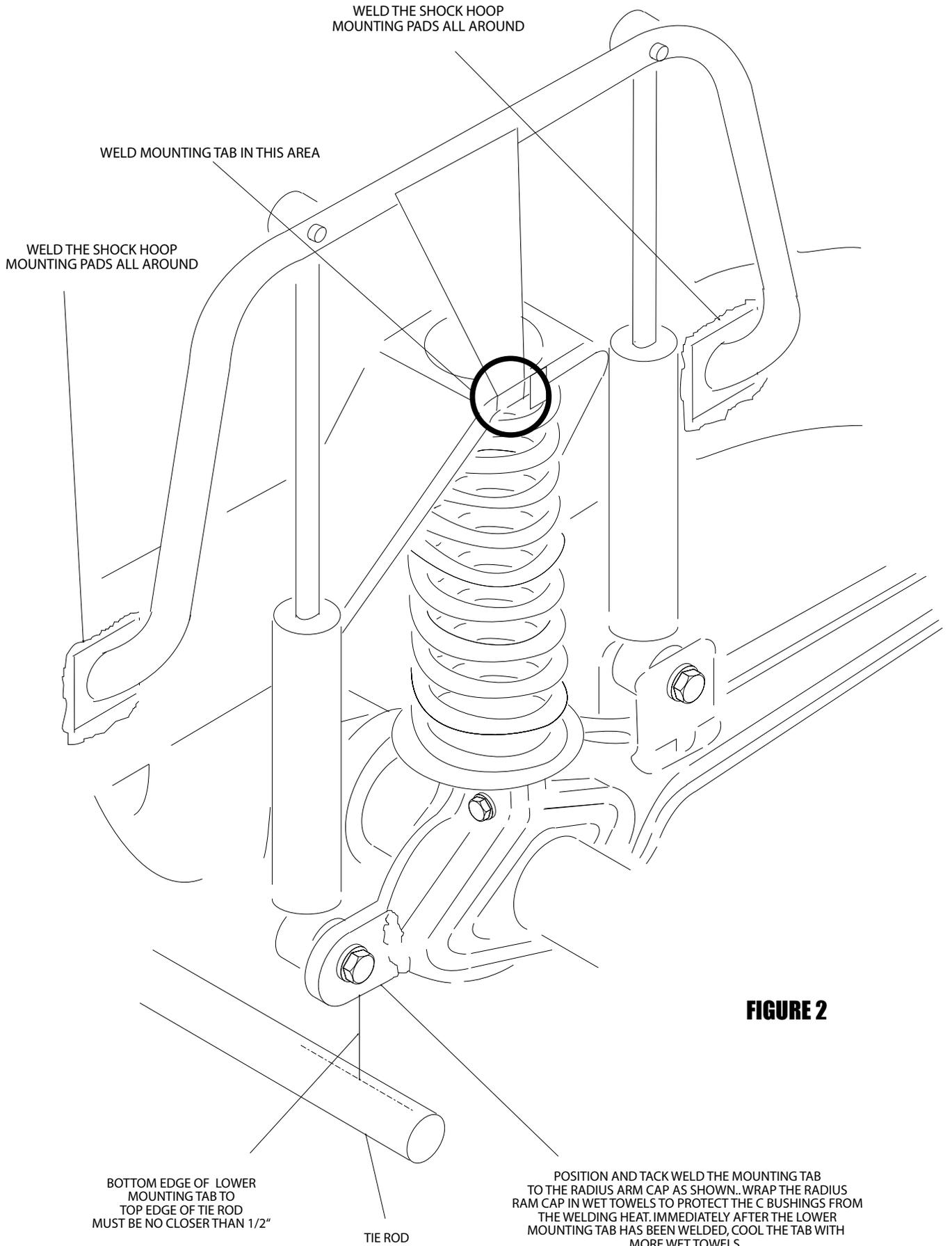
- 27. Install the shocks.
- 28. Check all mounting hardware for tightness.
- 29. Both sides are installed in the same way.

POSITION THE SHOCK HOOP SO THE UPPER  
SHOCK MOUNT POINT IS LOCATED DIRECTLY ABOVE THE STOCK  
SHOCK MOUNT ON THE RADIUS ARM

TRIMMING THE SHOCK HOOP STRAP  
IS OPTIONAL IN THIS AREA



**FIGURE 1**



**FIGURE 2**

POSITION AND TACK WELD THE MOUNTING TAB TO THE RADIUS ARM CAP AS SHOWN. WRAP THE RADIUS RAM CAP IN WET TOWELS TO PROTECT THE C BUSHINGS FROM THE WELDING HEAT. IMMEDIATELY AFTER THE LOWER MOUNTING TAB HAS BEEN WELDED, COOL THE TAB WITH MORE WET TOWELS.