

# Tire Repair

**Meets ASE Task:** (A4-F-9) P-1 Repair tire using internal patch.

Name \_\_\_\_\_ Date \_\_\_\_\_ Time on Task \_\_\_\_\_

Make/Model/Year \_\_\_\_\_ VIN \_\_\_\_\_ Evaluation: 4 3 2 1

\_\_\_\_\_ 1. Locate the source of the leak by submerging the tire under water or by spraying the tire with soapy water. Describe the location of the leak.

\_\_\_\_\_

\_\_\_\_\_ 2. Remove the foreign object and use a reamer to clean the hole in the tire (tread area only).

\_\_\_\_\_ 3. Dismount the tire and buff the inside of the tire around the hole.



\_\_\_\_\_ 4. Apply rubber cement to the buffed area.

\_\_\_\_\_ 5. Insert the repair plug from the inside of the tire.

\_\_\_\_\_ 6. Pull the plug through the puncture from the outside of the tire.

\_\_\_\_\_ 7. Use a stitching tool to make sure the inside of the patch is well adhered to the inside of the tire.

\_\_\_\_\_ 8. Remove the tire and inflate to the air pressure specified by the vehicle manufacturer.

\_\_\_\_\_ 9. Check the repair for air leaks using soapy water.

OK \_\_\_\_\_ NOT OK \_\_\_\_\_