**Front Shock Absorber Replacement**

**Meets ASE Task:** (A4-D-1) P-1 Inspect, remove, and replace

shock absorbers.

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

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

**\_\_\_\_\_ 1.** Verify that the front shock absorber requires replacement. Check all that apply:

\_\_\_\_\_ bent or damaged shock or mounting hardware

\_\_\_\_\_ shock absorber is leaking hydraulic fluid

\_\_\_\_\_ excessively worn - causing tire wear or riding comfort problems

\_\_\_\_\_ other (specify) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**\_\_\_\_\_ 2.** Compare the replacement shocks to the original shocks to be sure that they are correct.

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

**NOTE:** All shock absorbers should be replaced in pairs only. Do not replace just one shock absorber.

**\_\_\_\_\_ 3.** Check the service information for the specified replacement procedure. \_\_\_\_\_\_\_\_\_\_\_\_

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**HINT:** Many shocks on rear-wheel-drive vehicles can be broken off using a

deep-well socket and a long extension. By rocking the extension back and forth, the top of the shock will usually break off saving the time and effort it takes to remove a nut that is often rusted in place after many years of service.

**\_\_\_\_\_ 4.** Safely hoist the vehicle.

**\_\_\_\_\_ 5.** Remove the lower shock absorber retaining bolts (nuts) as per the service information

instructions..

**CAUTION:** Be ready to catch the shock absorber because it will likely fall after removing the last retaining bolt (nut).

**\_\_\_\_\_ 6.** Show the instructor the removed shock absorber**. Instructor’s OK \_\_\_\_\_\_\_\_\_\_\_\_\_**

**\_\_\_\_\_ 7.** Extend the rod on the replacement shock and install the lower retaining bolts (nuts).

**\_\_\_\_\_ 8.** Lower the vehicle and install the upper retaining fastener.

**\_\_\_\_\_ 9.** Bounce the vehicle to check that the replacement shock does not interfere with any

part of the suspension or frame.

**\_\_\_\_\_ 10.** Test drive the vehicle before returning it to the customer.