Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date:\_\_\_\_\_\_\_\_\_\_\_\_\_

Time on Task:\_\_\_\_\_\_\_\_\_\_\_\_\_

Make/Model/Year:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

VIN:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Evaluation (Enter number from 4, 3, 2, 1) :\_\_\_\_\_\_\_\_\_

**Meets ASE Task: :** (A4-D-1) P-1 Inspect, remove, and/or replace shock absorbers; inspect mounts and bushings.

**Front Shock Absorber Replacement**

Page 350

**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.