



Front Shock Absorber Replacement

Meets NATEF Task: (A4-D-1) Inspect, remove, and replace shock absorbers. (P-1)

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. _____

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.