

3000 Mile service and Inspection
Lesson#2

Description: The purpose of this lesson is to demonstrate the proper steps to perform a three thousand mile service.

Objective: When completed the students will be able to demonstrate the following.

- 1) Perform an LOF (Lube Oil Filter).
- 2) Perform the proper fluid checks.
- 3) Lubricate the driveline and suspension parts.
- 4) Perform proper tire inspection.

Instructions: The instructor will give the presentation to the students who will be able to take notes on their hand out sheets. An explanation of the proper way to perform the 3000 mile service will be given with the instructor highlighting the key points for the students so they can take notes. After the presentation there should be discussion and review of the covered material, and then the class will proceed to the lab for the live competency test.

Materials Needed: The instructor will need a computer and data projector. A white board and markers to write out terms and definitions. Student copies of the presentation printed in handout form so the students can take notes.

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Lab: The instructor should give a live demonstration, calling on students as he goes along to assist in the inspection and LOF. The next step will be for the instructor to divided the class into equal groups to perform their own service test.

Materials Needed: Safety glasses, wrenches, oil filter tools, Torque wench, shop towels, drain pans, motor oil and filter for each school car, manual with proper lift points for each school car.

Assessment: the sign off sheet to be given to each group..