[ ]  1. Remove the wheel cover and the hub dust cap (grease cap).

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

Meets ASE Task: A5 – F-1 – P-2

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

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

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

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

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

**Wheel Bearing and Race Replacement**

[ ]  2. Remove and discard the cotter key.

[ ]  3. Remove the spindle nut, washer, and outer bearing.

 [ ]  4. Remove inner and outer bearing and grease seal.

 [ ]  5. Remove the bearing race using the specified tool.

 [ ]  6. Install new race using the correct bearing race installation tool.

 [ ]  7. Pack the new bearing with the correct type of wheel bearing grease.

 [ ]  8. Install a new grease seal using a seal installing tool.

 [ ] 9. Correctly adjust the bearing preload:

\_\_\_\_ Install the spindle nut and while rotating the tire assembly, tighten (snug only, 12 to 30 lb.-ft.) with a wrench to "seat" the bearing correctly in the race.

\_\_\_\_\_ While still rotating the tire assembly, loosen the nut approximately 1/2 turn and then *hand tighten only*.

\_\_\_\_\_ Install a new cotter key (the common size is 1/8” diameter and 1.5 inches long).

\_\_\_\_\_ Bend the ends of the cotter key up and around the nut to prevent interference with the dust cap.

 [ ]  10. Install the hub dust cap (grease cap) and wheel cover.

