Objective: To familiarize student with the procedure of performing a typical four-wheel alignment.

Procedure: Document vehicle. List a complaint associated with the vehicle if applicable. Using the Hunter P411 aligner, perform a wheel alignment and record information below. Student must be time efficient in all activities and must not exceed 2 times flat rate. Repair quality must be at industry standard. **Align vehicle as necessary after repairs.** **Repair order must be attached.** **Attach printout to this sheet including before and after results.**

- Road test vehicle to verify and/or diagnose steering/suspension related problems such as vehicle wander, drift, pull, hard steering, excessive torque steering and steering wheel returnability. Record findings below.

- Inspect tires for uneven wear and determine cause. Record below.

- Perform pre-alignment inspection and record any problems below and on aligner.

- Follow procedure as described on aligner measuring all four wheels.

- Check steering axis inclination, front wheel setback and sub-frame alignment.

- Make adjustments as required and record all adjustments to front and rear axles below.