

# Steering and Suspension Concerns

**Meets NATEF Task:** (A4-E-1) Diagnose vehicle wander, drift, pull, hard steering, bump steer, memory steer, torque steer; determine necessary action. (P-1)

Name \_\_\_\_\_ Date \_\_\_\_\_ Time on Task \_\_\_\_\_

Make/Model/Year \_\_\_\_\_ VIN \_\_\_\_\_ Evaluation: 4 3 2 1

\_\_\_\_\_ 1. Check the service information to determine the alignment specifications.

Camber = \_\_\_\_\_ Caster = \_\_\_\_\_ Toe = \_\_\_\_\_

\_\_\_\_\_ 2. Hoist the vehicle on the alignment rack and install the wheel sensors.

\_\_\_\_\_ 3. Compensate the wheel sensors.

\_\_\_\_\_ 4. Lower the vehicle and jounce (bounce) to center the suspension.

\_\_\_\_\_ 5. Read the rear camber and toe.

	LR	RR
Camber	_____	_____
Toe	_____	_____
Total rear toe =	_____	

\_\_\_\_\_ 6. Read the front camber and toe.

	LF	RF
Camber	_____	_____
Toe	_____	_____
Total front toe =	_____	



\_\_\_\_\_ 7. Perform a caster sweep to determine the front caster and SAI.

	LF	RF
Caster	_____	_____
SAI	_____	_____

Based on the alignment angles, what action is needed? \_\_\_\_\_

\_\_\_\_\_