

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? _____

