

NATEF TASK SHEET --- SECTION A-4 E 1-9 P-1

A4 E1-9: Alignment Inspection and Basic Adjustment

Student: _____ Date: _____ Period: _____

VIN: _____ Year: _____ Make: _____ Model: _____

Engine: _____ Tire pressure specifications: Front _____ Rear _____

OBJECTIVE: Student will Diagnose vehicle wander, drift, pull, hard steering, bump steer, memory steer, torque steer, and steering return concerns; determine needed action. Perform pre-alignment inspection; measure vehicle ride height; determine needed action. Prepare vehicle for wheel alignment on alignment machine; perform four-wheel alignment by checking and adjusting front and rear wheel caster, camber and toe as required; center steering wheel.

- MATERIALS:**
1. **EYE PROTECTION**
 2. Drop light
 3. Hand tools
 4. Hunter Hawkeye Elite
 5. Vehicle (see instructor)



Vehicle Alignment Video

PROCEDURE: **WEAR EYE PROTECTION!** Watch vehicle alignment video (scan above QR code). Put vehicle on alignment rack, chock wheels, put vehicle in neutral, and release parking brake. Perform pre-alignment inspection.

	Pass	Fail
Ball joints inspection		
Control arm bushings inspection		

Scan vehicle VIN. Set tire pressures to specs: front _____ rear _____. Perform rolling compensation and follow on-screen directions to complete alignment. Save before measurements and then print after alignment measurements have been made and attach to this worksheet.

List any alignment adjustments that did not adjust to specifications: _____

Recommendations: _____

INSTRUCTORS EVALUATION

LEVEL OF SKILL ATTAINED	Initial	OVERALL SKILL EVALUATION	Points
DEMONSTRATES MASTERY (5)		DOCUMENTATION COMPLETENESS (1)	
PERFORMS SATISFACTORILY (4)		SAFETY COMPLIANCE (1)	
CAPABLE, NEEDS PRACTICE (3)		WORK PROFESSIONALISM (3)	
ASSISTED IN PERFORMING (2)		LEVEL OF SKILL ATTAINED (1-5)	
EXPOSURE, OBSERVATION (1)		TOTAL SCORE	
INSTRUCTOR'S SIGNATURE:			