

# Valve Spring Inspection

**Meets NATEF Task:** (A1-B-3) Inspect valve springs for squareness and free height; determine necessary action. (P-3)

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

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

\_\_\_\_\_ 1. Check service information for the specified allowable tolerance when checking valve spring for squareness and free height. What is the specified tolerance?

Squareness = \_\_\_\_\_

Free height = \_\_\_\_\_

\_\_\_\_\_ 2. Measure and inspect all springs:

		<b>Squareness</b>	<b>Free height</b>
Cylinder #1	Intake	_____	_____
	Exhaust	_____	_____
Cylinder #2	Intake	_____	_____
	Exhaust	_____	_____
Cylinder #3	Intake	_____	_____
	Exhaust	_____	_____
Cylinder #4	Intake	_____	_____
	Exhaust	_____	_____
Cylinder #5	Intake	_____	_____
	Exhaust	_____	_____
Cylinder #6	Intake	_____	_____
	Exhaust	_____	_____
Cylinder #7	Intake	_____	_____
	Exhaust	_____	_____
Cylinder #8	Intake	_____	_____
	Exhaust	_____	_____



\_\_\_\_\_ 3. Based on the inspection and measurements, what is the necessary action?

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