



Valve Spring Squareness and Free Height

Meets ASE Task: A1 - B-7 - P-3 Name: ______ Date: _____ Time on Task:_____ Make/Model/Year: VIN: Evaluation (Enter number from 4, 3, 2, 1): 1. Check service information and determine: Spring free height = _____ Squareness = (usually within 1/16 in. [1.6 mm]) 2. Measure the valve spring free height and squareness. Intake / ок 🗌 Cylinder #1 NOT OK ok l l NOT OK Exhaust / Cylinder #2 Intake _____/___ NOT OK NOT OK Exhaust ____/___ OK | | Cylinder #3 Intake / ok l l NOT OK Exhaust / OK | | NOT OK Cylinder #4 Intake / ок| | NOT OK Exhaust _____/___ OK | NOT OK Cylinder #5 OK [NOT OK Intake / OK l NOT OK | | Exhaust _____/___ Cylinder #6 ok l l NOT OK | Intake _____/____ ok l l NOT OK | | Exhaust _____/____ ок 🗌 NOT OK Cylinder #7 Intake _____/___ NOT OK Exhaust / OK | | Intake / Cylinder #8 ok l l NOT OK Exhaust ____/ ок 🗌 NOT OK 3. Based on the results, what is the needed action?