

Running Compression Test

Meets NATEF Task: (A8-A-7) Perform cylinder and running compression tests; determine necessary action. (P-1)

Name	Date	Т	ime on Task	Ĺ			_
Make/Model/Year	VIN		Evaluation	: 4	3	2	1
1. Perform a normal c faults.	ranking compression test t	o eliminate o	bvious engin	e me	chan	ical	
	ngs except for one. Use a just the spark plug wire to a module.	-					
	sion gauge, start the engine release the pressure every			l (pus	sh or	the	9
4. Snap open the accel	lerator and note the gauge	reading. It sl	nould increas	e.			
5. Record all cylinders	s for running (idle) and sna	ap accelerator	readings.				
Cylinder #2 I Cylinder #3	dle Snap dle Snap Idle Snap Idle Snap	Cylinder #6 Cylinder #7	Idle	Sna Sna	p p p		-
6. Analysis:							
	ression at idle speed should st (60 to 80 psi) OF			king			
Snap throttle co to 130 psi).	ompression should be abou	it 80% of the	cranking cor	npres	sion	(10)0
 If the sr cam lob If the sr test, loo cam lob 	nders should be within 100 nap throttle or idle reading be, bent pushrod, or defect nap throttle reading is high ok for a restricted exhaust on the or a collapsed lifter. If a lok for a restricted catalytic	is low, look and it is low, look are than 80% on that cylinders and cylinders are	for a restricte n. of the crankir er, such as a are high on th	d intang comworn	mpre exh	essi aus	on t
7. Based on the test re	sults, what is the necessary	y action?					