

Fuel Pump Pressure Test

NATEF Task Sheet A8 D2

Name: _____ Date: _____ Instructor: _____
 Year: _____ Make: _____ Model: _____
 Engine: _____

Materials needed: Safety glasses
 Fuel pressure gauge
 Hand tools if needed
 Vehicle, see toolroom attendant



Replacing a fuel pump can be a costly mistake if it is not the true source of a fuel related problem. A fuel system should be carefully tested for pressure, volume, and electrical integrity before replacing the fuel pump.

Step 1: Safety first

Wear safety glasses and gloves, work in a well-ventilated area, and do not smoke or have anything around that can cause a spark.

Step 2: Checking the fuel pressure.

Install a fuel pressure gauge according to manufacturer recommendations. Start the car, let it idle, check for leaks, and note the pressure reading. Then compare it to the manufacturer's specification.

	Fuel Pressure Measured	Fuel Pressure Specifications
Vacuum Connected		
Vacuum Disconnected		

If the pressure is low, how should you address that problem? _____

Is the fuel filter clogged? _____

Does the vehicle have sufficient fuel to operate? _____

Gas gauge reads: _____ Does the gauge seem accurate? _____

INSTRUCTORS EVALUATION

LEVEL OF SKILL ATTAINED	WORK PROFESSIONALISM	Points
Student can evaluate results and determine necessary action (5)	Documentation Completeness	
Student can interpret outcomes (4)	Safety Compliance	
Student can recall/recite procedure (3)	Floor mats, seat covers, and fender cover	
Student has observed procedure (2)	LEVEL OF SKILL ATTAINED	
	TOTAL SCORE (40 possible)	
INSTRUCTOR'S SIGNATURE: _____		