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| Running 1503 | | | |
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**

# Fuel Pressure Testing

## TASK OBJECTIVE

At the completion of this task the technician will be able to properly perform a fuel pressure test on a multi port fuel injected engine. In addition he will be able to explain what the fuel pressure should be.

**INTRODUCCTION**

The first step in performing a fuel pressure test is to relieve the pressure in the fuel rail. The fuel pressure is relieved by activating the fuel pressure relief function on the activation screen in BUDS.

Fuel pressure testing is an important FIRST step testing procedure in fuel injection engines.

**PROCEDURES**

Refer to the attached extract of the Shop Manual for the correct fuel pressure testing procedure and specifications.

**For the purposes of this training we ask that the engine is not run over 5000 rpm since we are in a controlled environment.**

Follow the steps and answer the questions below:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 1. What is the specification for the fuel pressure? | | | | | |
| 1. Install the key on the DESS post | | | | | |
| 1. Is the fuel pressure within the specifications? | YES |  | NO |  |  |
| 1. Start the engine and observe the fuel pressure - **Remember no more than 5000 rpm!** | | | | | |
| 1. Is the fuel pressure within the specifications? | YES |  | NO |  |  |

**QUESTIONS**

1. What have you learned from this task?

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2. What precautions should be taken when performing fuel pressure testing?

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3. List three causes of low fuel pressure:

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Instructor sign off-- Go \_\_\_\_\_\_\_\_\_\_**