



## ASNU Megga Meter Instructions



**Safety Warning: Electrical shock possible if instructions are not followed correctly!**

### Introduction

The ASNU Megga meter is for checking poor electrical insulation between the connector pins and the body of an injector. Poor insulation will cause injectors to misfire, particularly noted in Piezo and some GDI injectors.

### Kit Contents:

- ASNU Megga Meter
- Positive Wire Hirschmann Fitment (red wire with black and red or turquoise tip)
- Positive Wire Universal Fitment (red wire with black plug)
- 0V Test Wire (black)
- Test resistor



ASNU Megga Meter



Positive Wire  
Hirschmann Fitment



Positive Wire Universal  
Fitment



0V Test Wire



Test Resistor

### Electrical Insulation Test Procedure

- 1) Connect the red and black wires to the meter
- 2) Connect the red and black wires to the injector
- 3) Select 250V on the meter. Press and hold the TEST button





4) Wait for the voltage to reach approx. 250V



5) Read the resistance value on the display

6) **Pass** – Greater than 1.0 M Ohms Or | Symbol



7) **Fail** – Less than 1.0 M Ohms



8) Release the TEST button and wait for 0V on the display



9) Disconnect the red and black wires from the injector

### Testing the Meter and Wires

The ASNU Megga meter is supplied with a 1 M Ohm resistor to check the operation of the meter.

1) Connect one end of the 1 M Ohm resistor to one pin in the red wire



1) Connect the other end of the resistor to the black wired clip



2) Follow the 'Electrical Insulation Test Procedure' from above and check for approximately 0.9-1.1 M Ohms on the display

3) Repeat the above steps with the resistor in the other pin of the red wire.

