



ASNU Megga Meter 2020 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)
- Positive Wire GDI Fitment (red wire with white plug)
- 0V Test Wire (black)
- Test resistor



ASNU Megga Meter



Positive Wire
Hirschmann Fitment



Positive Wire
Universal Fitment



Positive Wire
GDI Fitment



0V Test Wire



1.0 M ohm
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 500V on the meter. Press and hold the TEST button



- 4) Read the resistance value on the display

- 5) **Pass** – Greater than 1.0 M Ohms



- 6) **Fail** – Less than 1.0 M Ohms



- 7) Disconnect the red and black wires from the injector

Testing the Meter and Wires

Battery Test – Turn the dial to 'Batt Check', press and hold the 'Test' button and then press the 'Batt Check' button. The pin on the dial will move to indicate the battery strength.



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



- 2) Connect the other end of the resistor to the black wired clip



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

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

