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Original Instructions
Version 1
April 2024



12V

GLOW PLUG TESTER

24706



User Manual for: 12V Glow Plug Tester

Stock No: 24706

Part No: ETGT

Read this manual in full before using this product and retain it for future use. Always use the latest version of the manual.

Please visit drapertools.com/manuals for the latest version.

1. Intended Use

This tester is designed for quick fault finding and diagnosing the condition of the glow plug; by powering the plug without removing from the engine for a "real world" analysis.

Featuring six LEDs which indicate the glow plug status and whether the vehicle's battery has enough charge to power the glow plugs.

Any other application beyond the conditions established for use will be considered misuse. Draper Tools accepts no responsibility for improper use of this product.

This product is suitable for use by enthusiasts and tradespersons alike.

2. Specification

Stock No.	24706
Part No.	ETGT
Power Supply:	12V DC Vehicle battery
Test Probe Length:	140mm
Test Probe Diameter:	5mm
Fuel Type:	Diesel
Net Weight:	257g
Tester Dimensions (L X W X H):	140 X 90 X 35mm
Positive Lead Length:	1350mm
Negative Lead Length:	1350mm
Test Probe Lead Length:	450mm

3. Health and Safety Information

Important: Read all the Health and Safety instructions before attempting to operate, maintain or repair this product. Failure to follow these instructions may result in injury or damage to the user, the product or the vehicle.



WARNING!

- Follow the vehicle manufacturer's instructions, warnings and service procedures.
- The tester is only suitable for 12V vehicle systems.
- **DO NOT** short contact either the positive or negative terminals of the battery.
- **ALWAYS** switch off the engine before using the tester to prevent any hazards or damage.
- **ALWAYS** use in a well-ventilated room and avoid breathing in the exhaust emission and vapour.
- To prevent electric shocks, **DO NOT** touch any energised conductors.
- **DO NOT** touch any high temperature parts or any running vehicle components to prevent a hazard.
- **ALWAYS** wear eye protection and appropriate protective clothing.
- This tester should only be used by qualified personnel.
- **DO NOT** operate the tester with damaged leads or it has been dropped, get it checked by a qualified service representative.
- Flammable fuel and vapours can ignite. **DO NOT** smoke or cause a spark in the vicinity of the battery.

4. Symbols



Read the instruction manual

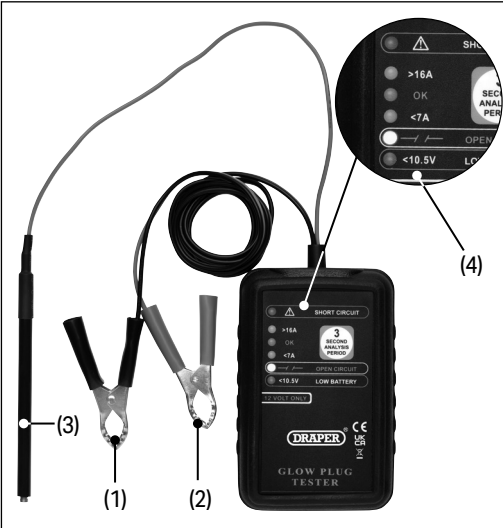


WEEE – Waste Electrical & Electronic Equipment

Do not dispose of Waste Electrical & Electronic Equipment in with domestic rubbish.

Carefully remove the product from the packaging and examine it for any signs of damage that may have occurred during shipment. If any part is damaged or missing, do not attempt to use the product.

Please contact the Draper Helpline; contact details can be found at the back of this manual.



- (1) Negative(-) black lead and clip
- (2) Positive(+) red lead and clip
- (3) Test probe
- (4) LED indicators

Please visit drapertools.com for our full range of accessories and consumables.

6. Operation

Switch off the engine and disconnect the glow plug connecting wire.

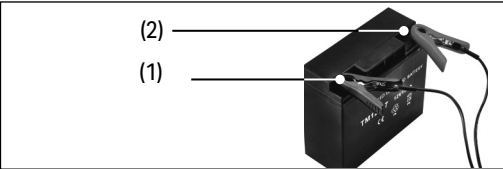


Fig. 1

- 1. Connect the black (-) clip (1) to the negative terminal of the battery and the red (+) clip (2) to the positive terminal of the battery.

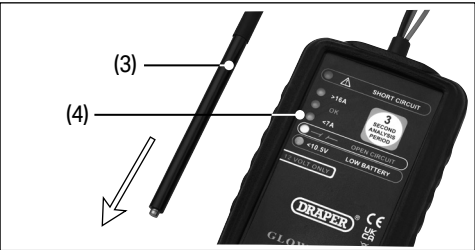


Fig. 2

- 2. Connect the testing probe (3) to the glow plug – ensuring it is fully pushed on.
- 3. Check the LED indicators (4) on the tester.

Indicator	Indication
Warning triangle	Short circuit
>16A	Current is greater than 16A Less than 3seconds = Normal More than 3 seconds = Issue
OK	Glow plug in good condition
<7A	Resistance is too high
— / —	Open circuit
<10.5V	Voltage of vehicle's battery is too low. Do not use tester.

7. Maintenance, Storage and Disposal

- Wipe the case with a damp cloth and a mild detergent. **DO NOT** use solvents or abrasives to clean the tester.
- At the end of its working life, dispose of the product responsibly and in line with local regulations. Recycle where possible.
- **DO NOT** dispose of this product with domestic waste; most local authorities provide appropriate recycling facilities.



8. Warranty

24 months
Visit drapertools.com/warranty for full details.

Contact Details

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