

ClariflexTM



Under Bonnet Inspection Lamp

Model CUH100

PART NO:3220823

USER GUIDE

INTRODUCTION

Thank you for purchasing this CLARKE Inspection Lamp.

Please read this manual thoroughly and follow the instructions carefully. Before attempting to use the lamp, thoroughly familiarise yourself with the lamp & its operation. In doing so you will ensure the safety of yourself and that of others around you, and you can look forward to the lamp giving you long and satisfactory service.

GUARANTEE

This product is guaranteed against faulty manufacture for a period of 12 months from the date of purchase. Please keep your receipt which will be required as proof of purchase.

This guarantee is invalid if the product is found to have been abused or tampered with in any way, or not used for the purpose for which it was intended.

Faulty goods should be returned to their place of purchase, no product can be returned to us without prior permission.

This guarantee does not effect your statutory rights.

SPECIFICATIONS

Model:	CUH100
Part No:	3220823
Weight:	2.5 kg
Dimensions:(l x w x h)	1245 x 200 x 110
Nominal Light Output	968 Lum
Lamp type	T8 G-13 Fluorescent lamp (900mm)
Supply Voltage	230v / 50Hz
Lamp rating	30 W
Fuse rating	3 amp
Cable length	5 m

This Under Bonnet Inspection Lamp incorporates a spring loaded telescopic bracket which mounts under an open bonnet using foam rubber covers to prevent damage. A30W 900mm long fluorescent tube with a tough composite clear guard gives complete engine bay illumination. The lamp can be unclipped from the mounting bracket and used separately or hung via the 360deg swivel hook. The lamp is supplied with 5 metres cable and a ASTA/BS approved 3-pin moulded plug.

GENERAL SAFETY RULES

1. **ALWAYS** check for damage before using the lamp. Inspect the power cable and plug for damage and that no connections are loose. Any damage should be properly repaired or the part replaced. Consult your local dealer.
2. **ALWAYS** ensure that the voltage marked on the appliance matches the power supply to be used and that the plug is fitted with the correct 13 amp fuse.
3. **ALWAYS** disconnect from the mains supply before moving or attempting to change the fluorescent tube. Do not move your lamp or replace fluorescent tube or broken parts with wet hands, or when standing on a wet or damp surface or in water. Always ensure the power supply is disconnected at the mains.
4. **ALWAYS** keep mains cable away from sources of heat.
5. **NEVER** use this lamp in a bathroom or in the vicinity of a swimming pool.
6. **NEVER** cover the lamp.
7. **NEVER** pull the cable to remove the plug from the power supply or carry the appliance by the cable.
8. We recommend that a Residual Current Device (RCD) is used in conjunction with your CLARKE Inspection lamp.
9. When not in use, unplug from the mains power supply and store in a safe dry area.

PARTS AND SERVICE

For spare parts and service, please contact your nearest dealer, or CLARKE International, on one of the following numbers.

PARTS & SERVICE TEL: 020 8988 7400 / FAX: 020 8558 3622

or e-mail as follows:

PARTS: Parts@clarkeinternational.com
SERVICE: Service@clarkeinternational.com

ENVIRONMENTAL PROTECTION



Do not dispose of this product with general household waste. It must be disposed of according to the laws governing Waste Electrical and Electronic Equipment, at a recognised disposal facility. The fluorescent tube should only be disposed of in accordance with local authority guidelines.

ELECTRICAL CONNECTIONS

This product is provided with a standard 13 amp, 230 volt (50Hz), BS 1363 plug, for connection to a standard, domestic electrical supply. Should the plug need changing at any time, ensure that a plug of identical specification is used.



WARNING



This appliance is double insulated and the two wires in the mains lead should be connected in accordance with the following colour code:

BLUE - NEUTRAL

BROWN - LIVE

- Connect the BLUE coloured wire to the plug terminal marked with a letter "N"
- Connect the BROWN coloured wire to the terminal marked with a letter "L"

If this appliance is fitted with a plug which is moulded on to the electric cable (i.e. non-rewireable) please note:

1. The plug must be thrown away if it is cut from the electric cable. There is a danger of electric shock if it is subsequently inserted into a socket outlet.
2. Never use the plug without the fuse cover fitted.
3. Should you wish to replace a detachable fuse carrier, ensure that the correct replacement is used (as indicated by marking or colour code).
4. Replacement fuse covers can be obtained from your local Clarke dealer or most electrical stockists.

Fuse Rating

The fuse in the plug must be replaced with one of the same rating (**3 amps**) and this replacement must be ASTA approved to BS1362. If in doubt, consult a qualified electrician. Do not attempt any electrical repairs yourself.

Cable Extension

Always use an approved cable extension suitable for the power rating of this product (see specifications), the conductor size should also be at least the same size as that on the appliance, or larger. When using a cable reel, always unwind the cable completely. If using the product outdoors, only use extension cables intended for outdoor use.

OPERATION

Insert the lamp into the brackets on the support bar & secure with the spring clips as in Fig 1.

Fig 1.



Attach to the underside of the car bonnet by pulling the spring-loaded bracket arms apart as in Fig 2 and allowing them to close around the bonnet sides.



Fig 2.

The spring loaded bracket may also be unclipped to allow the lamp to be hung in the vertical position using the hook mounting as in Fig 3.

Fig 3.



ON/OFF switch

To turn the lamp on, plug into the mains supply and use the switch on the bottom of the lamp Fig 4. To turn off, switch off the lamp and remove the plug from the socket.

Fig 4.

TROUBLESHOOTING

SYMPTOM	POSSIBLE CAUSE	REMEDIAL ACTION
Lamp will not operate	1. Fluorescent tube failed.	Replace tube.
	2. Poor contact between tube and socket.	Check to see that tube is correctly seated in socket.
	3. Damaged wiring.	Have unit checked by a qualified electrician.
	4. Incorrect operating voltage.	Have supply checked by a qualified electrician.

MAINTENANCE

Keep the lamp clean by wiping with a clean dry cloth. DO NOT use abrasive cleaners.

Check the cable for wear or damage. If the plug is broken, remove the lamp from service and have it repaired by a qualified electrician.

Allow the lamp to cool down for a few minutes after switching off, before performing any maintenance tasks. Handle using either a glove or a piece of cloth wrapped around the lamp.

Before attempting to fit/replace the fluorescent lamp, ensure the appliance is switched off and isolated from the main electrical supply by removing the plug from the socket.

To replace the fluorescent tube;

Unplug from the mains supply. Twist the lower section of the end cap in the direction shown in Fig 5 and pull down. This will reveal two small screws, one on each side.

Remove these crosshead screws and take off the end cap.



Fig 5.

Grip the loop at the top of the tube assembly and pull it out of the lamp guard. Fig 6.

Replace the fluorescent tube and slot the tube assembly back into the guard, making sure to align the grooves in the guard with the lamp assembly.

To re-assemble, reverse the dismantling procedure, taking care not to force or twist the tube or starter assembly.



Fig 6.

DECLARATION OF CONFORMITY



DECLARATION OF CONFORMITY

This is an important document and should be retained.



We declare that this product complies with the following directives:

89/336/EEC *Electromagnetic Compatibility directive, (amended 2004/108/EC).*

73/23/EEC *Low Voltage Equipment directive (amended by 93/68/EEC).*

The Following Standards have been applied to the product:

BS EN 55015:2000+A1:2001+A2:2002, EN 55022, EN 6100-3-2/-3

EN 61547:1995+A1:2000, (EN 61000-4-2 /-3 /-4 /-5 /-6-11)

EN 61347-1:2001, EN 60598-2-8:1997+A1:00, EN 61347-2-3:2001+A1:04+A2:06,

EN 60598-1:2004+A1:06

The technical documentation required to demonstrate that the products meet the requirements of the Low Voltage Equipment directive has been compiled and is available for inspection by the relevant enforcement authorities.

The CE mark was first applied in: **2006**

Product Description: Under hood Inspection Lamp

Model number(s): CUH100

Serial / batch Number: Current Manufacture.

Date of Issue: 10/06/2008

Signed

A handwritten signature in black ink, appearing to read "Aiken", written over a light blue horizontal line.

A.C. AIKEN

Senior Manager Clarke International.

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For spare parts and servicing, please contact your nearest dealer, or Clarke International on

020 8988 7400

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Clarke INTERNATIONAL

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