

Replacement parts available

Reamer	Part Number
8mm	2649
10mm	2650
12mm	2651



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Replacement parts available:

Due to the nature of the task and tools, the three reamers are regarded as consumable and not therefore covered by the Tool Connection guarantee.

Guarantee

If this product fails through faulty materials or workmanship, contact our service department direct on: +44 (0) 1926 818186. Normal wear and tear are excluded as are consumable items and abuse.



Distributed by The Tool Connection Ltd

Kineton Road, Southam, Warwickshire CV47 0DR
 T +44 (0) 1926 815000 F +44 (0) 1926 815888
 info@toolconnection.co.uk www.toolconnection.co.uk

5210

LASER®

Glow Plug Aperture Cleaner | Reamer Set

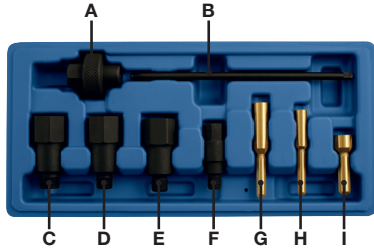
Set for M8 | M10 | M12 Glow Plugs

Instructions

This special tool has been designed to ream out and clean the bore of the glow plug aperture and the sealing seat, after removing an old | damaged glow plug and before fitting the new replacement.

One of the main reasons that glow plugs seize in the aperture is carbon entering the glow plug bore. The tool screws into the glow plug thread and reams out any unwanted carbon from within the bore. At the same time it cleans the sealing seat, ready for the new glow plug.

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- A: Grip handle
- B: Reamer support rod
- C: Reamer guide: M12 x 1.25
- D: Reamer guide: M10 x 1.25
- E: Reamer guide: M10 x 1.0
- F: Reamer guide: M8 x 1.0
- G: Reamer: M10
- H: Reamer: M8
- I: Reamer: M12

Before you start:

- We strongly recommend that the cylinder head is removed from the engine before work is commenced.
- If cylinder head is to be left in situ, then remove the relevant injector and connect an air-line via a suitable adaptor to ensure metal swarf and dirt | carbon cannot enter the combustion chamber.
- Maintain tools in a good and clean condition.
- Keep well lubricated. Lubricate cleaning reamers with thick machine oil or grease. This will also help to contain the metal swarf and carbon.
- Where correct eye protection, particularly when cleaning any swarf away from engine.
- When finished, account for all tools and parts being used. Do not leave them in or near the engine. Return all parts to the case and store in a safe, dry place.

Precautions:

- **Wear suitable eye protection.**
- **DO NOT USE POWER TOOLS (ELECTRIC OR AIR) WITH THIS PRODUCT.**

Instructions:

1. Identify the size of the glow plug aperture and the glow plug thread, then chose the appropriate components from the kit.
2. Insert reamer support rod (B) into grip handle (A) and secure by tightening the 2mm Allen key.
3. Slide the appropriate reamer guide (C, D, E or F) over the support rod.
4. Screw the appropriate reamer (G, H or I) onto the end of the support rod.
5. Coat cleaning reamer and rod with thick machine oil or grease. This will help to contain the metal swarf and carbon.
6. Place the reamer into the glow plug aperture and screw the reamer guide down into the glow plug thread.
7. Push the grip handle | rod down the aperture until resistance is felt. The reamer is now in position on the sealing seat.
8. Using firm hand pressure only (can be assisted with 14mm spanner or socket), turn the grip handle clockwise to clean and ream out the lower aperture and sealing seat. The intention is to clean off carbon build-up and restore the sealing seat, not to 'cut' into the sealing seat or aperture.
9. When finished, unscrew the reamer guide and withdraw the tool.
10. Clean out aperture making sure that there is no swarf or grease left. Carefully use a cleaning fluid to degrease making sure no fluid escapes down the glow plug aperture.
11. The cleaning operation is now complete and the new glow plug can be installed.