

Our products are designed to be used correctly and with care for the purpose for which they are intended. No liability is accepted by the Tool Connection for incorrect use of any of our products, and the Tool Connection cannot be held responsible for any damage to personnel, property or equipment when using the tools. Incorrect use will also invalidate the warranty.

If applicable, the applications database and any instructional information provided has been designed to offer general guidance for a particular tool's use and while all attention is given to the accuracy of the data no project should be attempted without referring first to the manufacturer's technical documentation (workshop or instruction manual) or the use of a recognised authority such as Autodata.

It is our policy to continually improve our products and thus we reserve the right to alter specifications and components without prior notice. It is the responsibility of the user to ensure the suitability of the tools and information prior to their use.

LASER[®]

Master Glow Plug Threaded Insert Kit

M8 x 1mm, M9 x 1mm, M10 x 1mm and M10 x 1.25mm



You Tube

Guarantee

This item contains consumable elements and are **NOT** covered by the Tool Connection Guarantee. For spares contact our service department direct on: +44 (0) 1926 818186.



Distributed by The Tool Connection Ltd

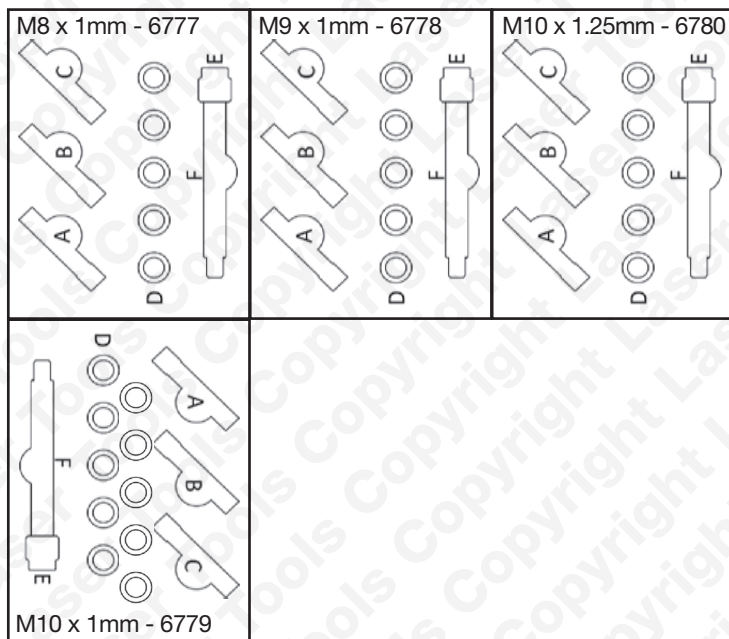
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- The unique Laser design, utilising fitting tools with reduced dimensions at the working end makes access to recessed plug threads easier.
- The fitting bolts supplied are specially manufactured from high tensile steel to ensure the tools will last much longer and not stretch in use.
- Part of the kit is EU Registered design.

Components, Applications and Spares

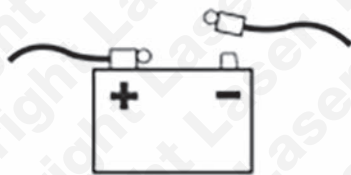


Applications and Spares

Contents	6777	6778	6779	6780	6781
	M8 x 1mm	M9 x 1mm	M10 x 1mm	M10 x 1.25mm	Master
Inserts std x 5 (D)	2186	2187	2188	2191	
Inserts long x 5 (D)	n/a	n/a	n/a	n/a	
Large tap (A)	60075	60080	60085	60089	
Small tap (B)	60076	60081	60086	60090	
Reamer (C)	60077	60082	60087	60091	
Bolt (E)	60078	60083	60088	60092	
Sleeve (F)	60079	60084	60064	60093	

The following instructions are for guidance only. Please refer to OEM derived data to confirm suitability of this kit.

The use of this glow plug thread insert kit is purely down to the user's discretion and The Tool Connection Ltd cannot be held responsible for any damage caused what so ever.



Instructions

We recommend the following operation be carried out with the cylinder head removed to avoid any internal engine damage due to dirt or swarf entering the cylinder.

Performing this repair with the cylinder head insitu is done at the user's own risk.

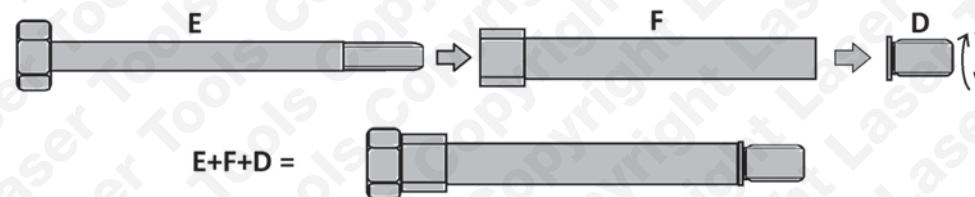
- Remove all trace of the original thread using an M8 drill. Take care not to drill deeper than the original thread.
- Using the plain reamer (C) ream out the glow plug aperture. Drive the reamer by hand using a suitable socket, extension and T-bar.

NOTE: liberally grease the flutes of the reamer with bearing grease to lubricate the reamer and help catch any metal swarf. Ream only to the depth of the original thread.

- Use the large tap (A) to cut the thread to suit the external thread of the insert into the head. NOTE: liberally grease the flutes of the tap with bearing grease to lubricate the tap and help catch any metal swarf. Tap only to the depth of the original thread.
- Clean and dry the aperture

Fitting new thread insert:

- Assemble components (E, F & D) as shown.



- Screw the assembly into the cylinder head and tighten the insert into the head.
- Holding the insert tool body (F) with a suitable spanner across the flat tighten the fitting bolt (E) to crimp the insert into the head and make it grip.
- Continue holding (F) and slacken and remove (E).
- To ensure the insert internal thread is clean use the small Tap (B) to check the thread.

