

LASER[®]

Oil Drain Plug Repair Kit

114pc

Instructions



Guarantee

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



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Oil Drain Plug Repair Kit

As a vehicle ages and after numerous service procedures, the sump plug and the thread in the sump begin to weaken. Often the sump plug will pull or strip the threads from the sump. The taps supplied in the 5124 kit are designed to cut from the size below.

No drilling is required of the sump.

Example:

Original sump thread size = 12mm x 1.25

Use tap and corresponding plug | seal combination M13 x 1.25

Care-Point: The thread cutting taps in this kit are made from hardened steel, all care must be taken not to drop or hit the taps as this can chip the cutting teeth.



**FILL TAP FLUTES
WITH GREASE**

Care-Point: Taps must be well lubricated during use to ensure a quality thread is cut and the teeth do not bind. It is recommended the flutes of the taps be filled with grease to assist both in lubrication and help remove the metal fragments as the tap cuts the new thread.

Replacement sump plugs and copper sealing washers are available from Laser tools:

Part number 2439 - 5124-M13A - Each 6pcs | screw M13 x 1.5P

Part number 2440 - 5124-M15A - Each 6pcs | screw M15 x 1.5P

Part number 2441 - 5124-M13 - Each 6pcs | screw M13 x 1.25P

Part number 2442 - 5124-M17A - Each 6pcs | screw M17 x 1.5P

Part number 2443 - 5124-M20A - Each 6pcs | screw M20 x 1.5P

Part number 2444 - 5124-M22A - Each 6pcs | screw M22 x 1.5P

Contents



Tap sizes: M22 x 1.50 | M20 x 1.50 | M17 x 1.50 | M15 x 1.50 | M13 x 1.50 | M13 x 1.25

Instructions

1. Identify the original thread size from the old sump plug by measuring the diameter of the old sump plug across the peaks of the thread.
2. Select the next size up tap. Example: 12mm original plug diameter use 13mm tap. Try and use the same thread pitch, compare the thread pitch of the old plug to the appropriate tap. Example: original pitch 1.25 use tap 13mm x 1.25 pitch.
3. Fill the flutes of the tap with clean axle/bearing grease.
4. Use an appropriate driver to screw the tap into the sump hole.
5. Once the tap has started to cut continue to slowly cut the thread by rotating clockwise by ½ turn and back (anti-clockwise) a ¼ of a turn this will help give a good full thread.
6. Once the thread has been fully cut remove the tap and clean.
7. Pour engine oil through the engine with the sump plug out to wash out any metal fragments that may have dropped into the engine.
8. Fit the appropriate new sump plug and copper sealing washer and torque to the vehicle manufacturer's specification.

Precautions

- It is recommended the sump be washed out to ensure all metal fragments have been removed. If there is any doubt that there may be metal fragments in the sump pan then the sump must be removed for cleaning.
- The Tool Connection Limited can not be held responsible for any damage that may result from the ingress of metal particles into the engine sump.
- Always adhere to workshop guidelines and wear the appropriate clothing.
- When running the engine, make sure there is enough ventilation and extraction of exhaust gases.
- Always work with the assistance of a manufacturer's recommended workshop manual.