



www.lasertools.co.uk



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

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.

www.lasertools.co.uk

LASER[®]

Part No. 5207

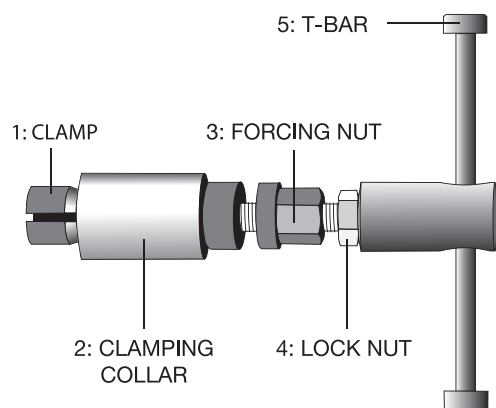
CRD Injector Needle Extractor



www.lasertools.co.uk

CRD Injector Needle Extractor

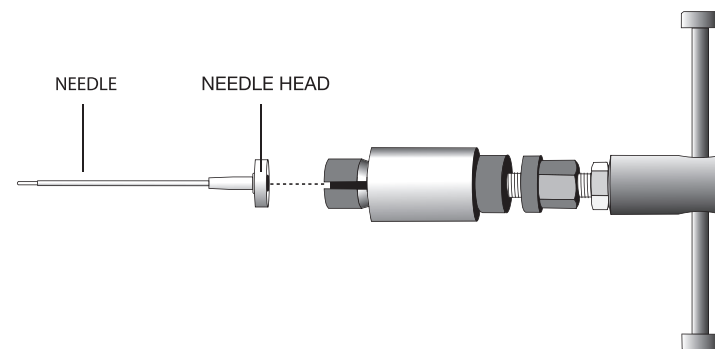
For removing the internal needle from Bosch, Delphi, Denso, and Siemens injectors. The tool is designed for working on an injector unit that has been removed from the engine.



Components List:

1:	Clamp
2:	Clamping Collar
3:	Forcing Nut
4:	Lock Nut
5:	T-Bar

Instructions – CRD Injector Needle Extractor



Before you start:

- Maintain tool in a good and clean condition.
- Keep threaded shank well lubricated.
- Wear correct eye protection, particularly when cleaning any dirt or swarf away from engine or injector.
- When finished, account for all tools and parts being used. Do not leave them in or near the engine.

Precautions:

- Wear suitable eye protection.
- DO NOT USE AIR TOOLS WITH THIS PRODUCT.

Instructions:

1. Remove injector unit from engine (recommend Laser Tools Diesel Injector Puller set 4762 or Laser Tools Injector Puller Set 4335 depending on application.)
2. With injector securely mounted on bench, unscrew the injector solenoid from the injector.
3. Remove injector internal spring assembly to gain access to the head of the injector needle.
4. Prepare tool 5207: unscrew forcing nut (3) toward lock nut (4).
5. Slide clamping collar (2) away from clamp (1).
6. Insert tool into injector so that clamp (1) slides over the head of the internal needle. (See diagram below.)
7. Wind down forcing nut (3) by hand until tight.
8. While holding tool securely by T-Bar (5), use a 14mm spanner to tighten force nut (3). NOTE: DO NOT over tighten — just nip up.
9. Grip T-Bar (5) and turn and pull to withdraw the needle.
10. To release needle from tool hold T-Bar (5) and use 14mm spanner to release the forcing nut (3).