



PULLER BRACKET SET FOR DENSO INJECTORS

MANUAL

90384865

SAFETY NOTICE

To understand the functioning of the tools, it is necessary to read the manual first!

- > Read these instructions before assembling, during installation and throughout use and in the proper sequence
- > Always refer to the OEM manufacturer's instructions and service manuals for the latest data and to maintain the correct sequence
- > These work instructions and the recommended tools are meant to serve as aides only and are by no means a guarantee for certain results.
- > This tool kit is a special collection and it has been tested and used successfully on several occasions. It is of the utmost importance to maintain the correct procedure as per the instructions
- > The use of the tools should only be carried out by qualified personnel!



ATTENTION
Special caution



CORRECT



LIGHT BULB
Hint or recommendation



WRONG



SAFETY GOGGLES
Wearing safety goggles
necessary



CONTENT

1. PREPARATION	5
1.1 PREPARING THE INJECTOR	5
1.2 DETERMINING THE DIAMETER	6
2. ATTACHING THE REMOVING BRACKET ON THE INJECTOR	6
RECOMMENDED ACCESSORIES / EXTRACTION VARIANTS	7



Nr.	PART. NR.	Description
1	90384872	Removing Bracket for Denso injectors connection: 28.5° Ø: 16.0 mm
2	90384882	Removing Bracket for Denso injectors connection: 23.0° Ø: 17.0 mm
3	90384875	Mounting Nut M12x1.5

1. PREPARATION

1.1 PREPARING THE INJECTOR

Remove the fuel line, electrical connectors and other components which hinder work.



1.2 DETERMINING THE DIAMETER

Select, by measuring the diameter behind the diesel line connecting thread, the appropriate removing bracket - see table 1.



Ø	Removing bracket		Denso injector number
16	90384872		23670-...
17	90384882		0800

Table 1: Choosing the fitting removing bracket

2. ATTACHING THE REMOVING BRACKET ON THE INJECTOR

Push the selected removing bracket completely on the fuel connector arm of the injector.

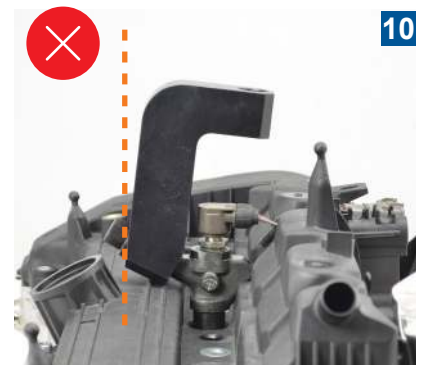
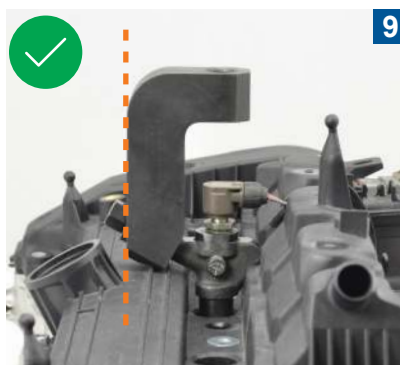


Clamp with the mounting nut the removing bracket on the diesel line connecting thread.



ATTENTION

The removing bracket must be arranged up-right (see figure 9) in alignment of the injector.



The injector can now be removed with an extraction tool. For example, with the 8 kg slide hammer 6148800.



LIGHT BULB

Further, matching accessories and the possible extraction variations can be found on the following pages.



RECOMMENDED ACCESSORIES

SLIDE HAMMER 8,5 KG

6148800



SLIDE HAMMER 5 KG

6148790



SLIDE HAMMER 1,35 KG

60390750



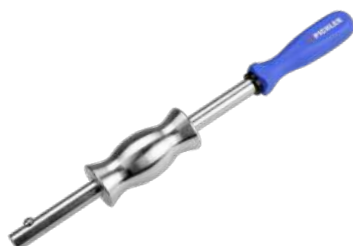
ADAPTER OUTER THREAD M10 / OUTER THREAD M18X1,5

60384404



SLIDE HAMMER 0,7 KG

1030210



ADAPTER OUTER THREAD M10 / OUTER THREAD M18X1,5

60384404



BALL JOINT ADAPTER M18X1.5

6038424

Through the connecting adapter with ball joint can interfering components be circumvented and the impact direction be redirected laterally.



UNIVERSAL INJECTOR REMOVAL KIT

60385395



SCREW-IN ADAPTER OT M18X1.5 TO IT M12

60384402

Extraction adapter when using an slide hammer with connection thread M12 (e.g. Injector Removal Kit [90384430](#))



NOTES

NOTES

NOTES

PICHLER Werkzeug GmbH

Pacherstraße 20
6020 Innsbruck, Österreich
at@pichler.tools
+43 512 344 552

Zugspitzstraße 33
82467 Garmisch-Partenkirchen, Deutschland
de@pichler.tools
+49 8821 6869 780

PICHLER Werkzeug AG

Rünenbergerstrasse 31
4460 Gelterkinden, Schweiz
ch@pichler.tools
+41 61 981 33 55

PICHLER Utensili S.r.l.

Via Città Nuova 27
39049 Vipiteno, Italia
it@pichler.tools
+39 472 970 042

PICHLER Outillage Sàrl

19a, rue de Reiningue
68310 Wittelsheim, France
fr@pichler.tools
+33 3 89 551 596

PICHLER Tools Ltd

Hollington Lane, Ednaston
DE6 3AE Ashbourne, United Kingdom
uk@pichler.tools
+44 1335 360 759

PICHLER Outillage BV

Industrieweg 45
8800 Roeselare, Belgium
be@pichler.tools
+32 495 400 810



pichler.tools



/pichlerwerkzeug



/pichlerwerkzeug



/pichlerwerkzeug



www.pichler.tools

PICHLER
built to succeed.