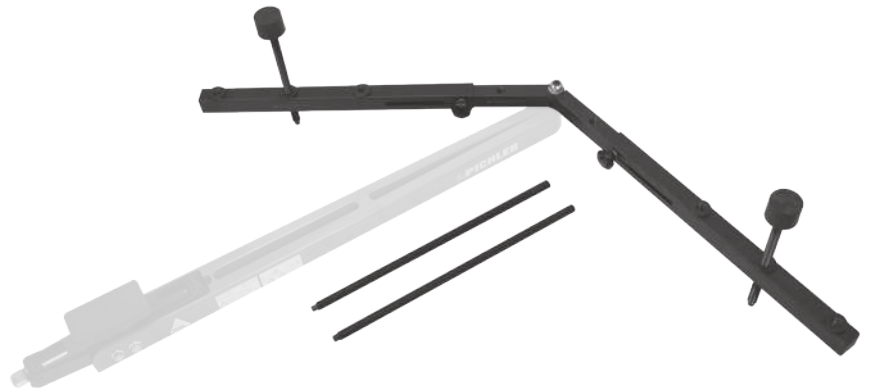




UNIVERSAL UNDER VEHICLE ENGINE & PREMIUM CROSSBAR

MANUAL

61136500 / 61135510

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

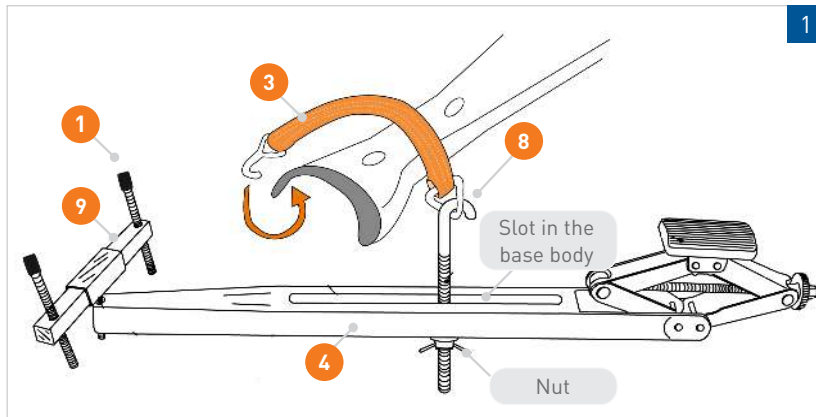
WORK INSTRUCTION 1: UNIVERSAL ENGINE & GEARBOX SUPPORT 61136500	4
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61136500 UNIVERSAL UNDER VEHICLE ENGINE AND GEARBOX



NR.	PART.-NR.	Description
1	61136501	Threaded Rod Tr16 x 4 x 230 mm (2x)
2	61136502	Threaded Rod Extension Tr16 x 4 x 300 mm (2x)
3	61135503	Holding Strap
4	61135508	Frame
5	61135506	Scissor Jack without Rubber Support Pad
6	61135504	Thrust Bearing for the Scissor Jack
7	61135509	Rubber Support Pad for the Scissor Jack
8	61135505	Support Hook with Nut
9	61136507	Crossmember 465 mm with twice inner thread Tr16 x 4

INSTALLATION ON THE VEHICLE



1

1. Search a suitable place for Hook **8** in or on the subframe, where the Engine & Gearbox Support can be professionally anchored.



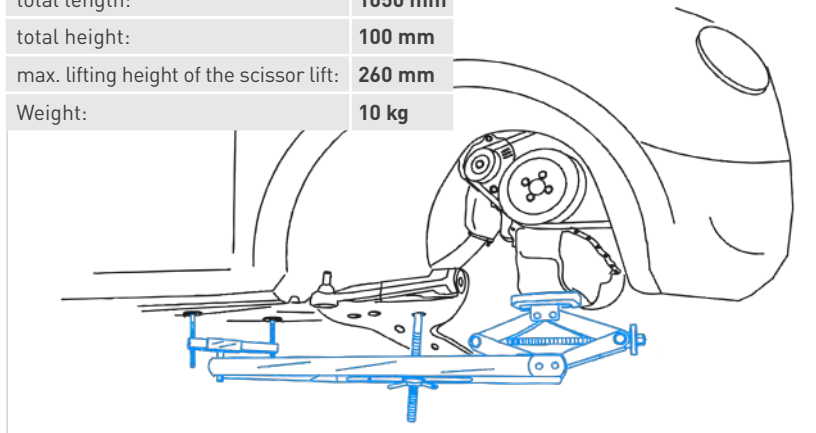
Holding Strap **3** can be used, in case there are no holes available for the Support Hook **8**.

max. load capacity:	250 kg
total length:	1050 mm
total height:	100 mm
max. lifting height of the scissor lift:	260 mm
Weight:	10 kg

2

2. Mount the Crossmember **9** with the Threaded Rods **1** on the Frame and attach the Hook **8** in the slot of the Frame. See picture **1**.

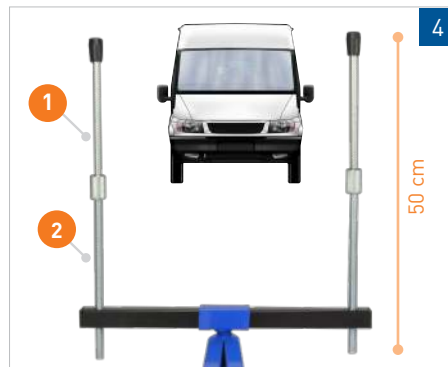
3. Install the assembled Engine & Gearbox Support under the vehicle.



If the Threaded Rods **1** are too short, extension spindles **2** can still be applied.



3



4

The device is now ready to support the engine.



ATTENTION

Do not use an impact wrench for operating the Jack Screw of the Scissor Jack! Clean the oil sump of all oil residues. Otherwise there is the danger that the Scissor Jack may slide from under the oil sump. Position the Rubber Support Pad of the Scissor Jack centrally under the oil sump.



On certain models is the oil sump not strong enough to support the Engine. In such cases, a different, suitable support point must be found or the support surface of the Scissor Jack must be increased.

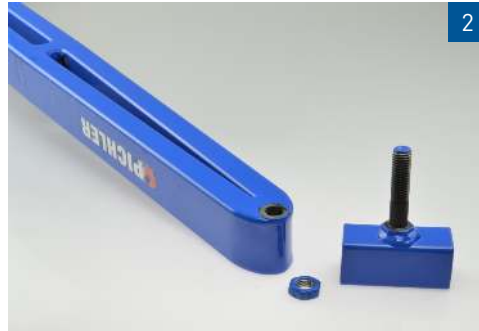
61135510 PREMIUM CROSSBAR



NR.	PART.-NR.	Description
1	61135512	Threaded Rod M16 x 495 mm (2x)
2	61135511	Threaded Rod M16 x 245 mm (2x)
3	61135517	Left Outside Supporting Arm
4	61135518	Right Outside Supporting Arm
5	61135515	Star Knob (2x)
6	61135516	Inside Supporting Arm (2x)
7	61135514	Pivot Bolt with Washer and Lock Nut
8	61135519	Rubber Buffer with Internal Thread M16

CONVERSION INSTRUCTIONS OF THE ENGINE & GEARBOX SUPPORT 61135500/61136500 COMBINED WITH THE PREMIUM CROSSMEMBER 61135510

1. MOUNTING THE CROSSMEMBER WITH ANGLE ADJUSTMENT



1.1

Dismount the sliding sleeve for the crossmember from the Frame and replace it by the preassembled Crossmember with Angle Adjustment (inside supporting arms with Star Knobs and Threaded Rods)

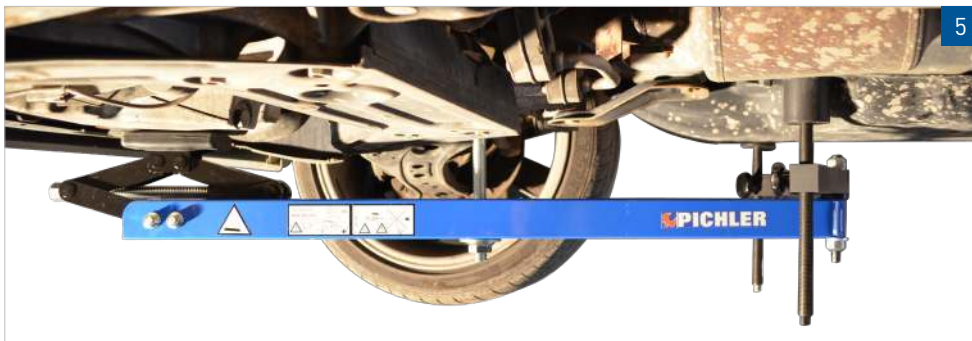


1.2

Ensure that, during tightening the locking nut, the fulcrum pin is held on the hexagon! As depicted in figure 4 and NOT on the 2nd nut oppositely. Tighten the locking nut so far that the screw is free from backlash, but the crossmembers can still be rotated.

1.3

Now the engine-transmission support can be installed as described in instruction 1.



1.4

Then screw the appropriate Threaded Rods 1 or 2 through the Inside Supporting Arms 6 and screw on the Rubber Support Buffers 8. If there is no suitable support point for the Rubber Buffers on the vehicle underbody, can the Supporting Arms be extended as described in point 2.



2. MOUNTING THE ADDITIONAL SUPPORTING ARM EXTENSIONS



8

2.1

Remove both Star Knobs **5** from the Inside Supporting Arms **6** of the, already professionally under the vehicle installed, Engine & Gearbox Support and slide the Supporting Arms **3** and **4** over the inner Supporting arm with the arrow „UP“ pointing in the direction of the vehicle underbody.

2.2

Lock the two Supporting arms in the desired position, with the Star Knobs.



9



10



11

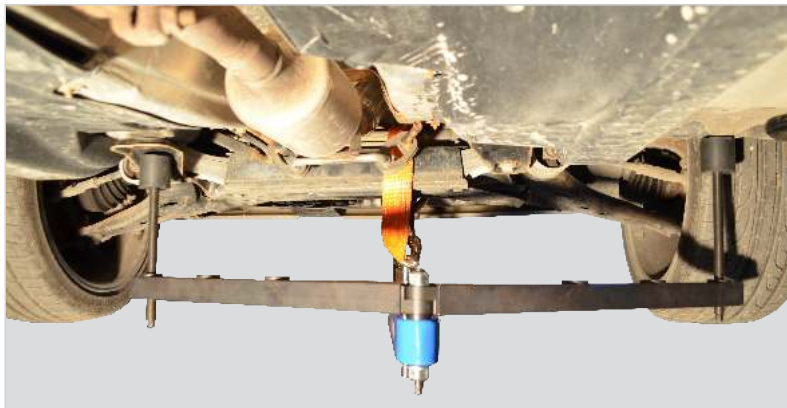
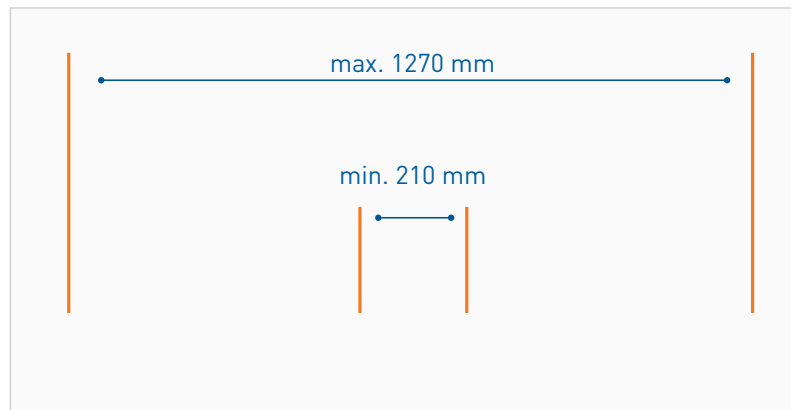
2.3

Then screw the appropriate Threaded Rods **1** or **2** in the desired position of the Supporting Arms and screw on the Rubber Support Buffers **8**.

Because of the elongated holes can the Supporting Arms be flexibly adjusted in length.

ADVANTAGES OF THE PREMIUM CROSSMEMBER

- + larger and more flexible spans because of the telescoping Supporting Arms
- + Supporting Arms swiveling independently
- + stronger Threaded Rods with hex drive in two different lengths (245mm and 495 mm)
- + Support Buffer with a larger contact area to protect the underbody



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



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/pichlerwerkzeug



www.pichler.tools

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