





## KL-0190-41 A Release/Removal Pliers



**Product information** (EN) A Read and understand before use!







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## **Product information**

(Translation of the product information)



## **Product description**

### KL-0190-41 A - Release/Removal pliers

Fits VW-Audi 1.6 and 2.0 common rail Diesel engines. For example, installed on Audi A1 (8X), A3 (8V), A4 (B9, 8W), A5 (8F), A6 (C7, 4G), Q3 (8U), Q5 (8R), TT (FV, 8S); VW Golf VII (AU, 5G), Passat (B8, 3G), Scirocco III (13), etc.

Plastic rivets for example on the wishbone of Audi A4, A5, A6

Alternative tool: VAS 211 007, T40195

For removing press-fit injector seal rings from the cylinder head quickly and with ease. The pliers are also designed to unlock and pull out the re-usable two-part plastic body-bound rivets from door and underbody panels. The pliers head can be adjusted up to an angle of 90°, thus allowing you to work even in hard-to-reach areas.





### **Scope of delivery/Component overview**

Pos.	Part No.	Description	Qty
-	KL-0190-41 A	Release/Removal pliers	1

### **Technical Data**

Length: ...... 240mm

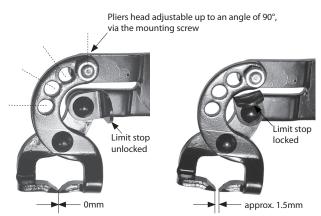


Pliers head, 90° adjustable



## **Example of use**

### 1:Locking/unlocking the limit stop:



## Locking/unlocking the limit stop:

Depending on application, position limit stop on relase/removal pliers accordingly.

(Translation of the product information)

With the "limit stop unlocked" position,

the cutting blades of the pliers are completely closed when the pliers handles are pressed together.

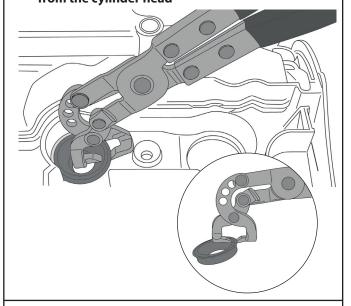
Required when cutting off the head from one-part plastic

### With the "limit stop locked" position,

the cutting blades are approx. 1.5mm away from each other when the pliers handles are pressed together.

Required when removing injector seals as well as to pull out the expanding pin when removing plastic body-bound rivets.

## (i) 2: Removing press-fit injector seal rings from the cylinder head



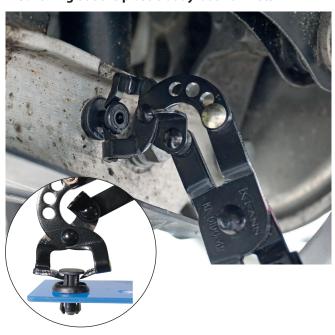
#### Adjusting the pliers head:

Loosen mounting screw.

Adjust pliers head as necessary (4 positions possible).

Re-insert mounting screw and tighten

### © 3: Pulling out the plastic body-bound rivets



## **A** Safety instructions and regulations!

- ▼Before using the special tool, read and understand all warning and safety instructions and follow them for safe use!
- ► Work on electrical installations may **only** be carried out by appropriately **qualified personnel**!
- **▶ Always** observe and adhere to **all** safety rules and regulations when working on electrical installations!
- ► Use the special tool **as intended**, and **always** carry out maintenance and repair work in compliance with the regulations on occupational safety and accident prevention as well as the vehicle manufacturer's instructions!
- ▶ Before each use, check the special tool carefully for damage, loose parts, or unauthorised modifications. Never use it if you notice any such deficiencies!
- ▼Always wear your personal protective equipment (such as safety goggles, protective gloves, safety shoes) during work!



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