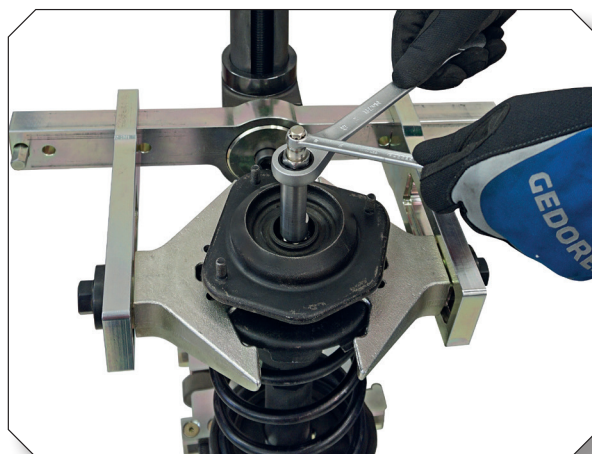


## KL-0056-11 EB

### Shock Absorber Piston Rod Tool Kit



## PRODUCT DESCRIPTION

### KL-0056-11 EB - Shock absorber piston rod tool kit

**Fits universally for MacPherson struts on passenger cars and vans.**

For professional loosening or tightening of the piston rod nut and counter-holding of the shock absorber piston rod.

Required, for example, when replacing the shock absorber or suspension spring.

- Extensive range of special sockets and screwdriver bits
- Matching drive parts included.

**Recommended accessory:** Reversible ratchet with 19mm hexagonal mount - **1993 U-20 SK**



## Scope of delivery/single part overview

| Pos.     | Part no.                                       | Description                                | Qty |
|----------|------------------------------------------------|--------------------------------------------|-----|
| <b>A</b> | 7 R 19                                         | Open-ended spanner with ring ratchet, 19mm | 1   |
| <b>B</b> | 7 XL 10                                        | Combination spanner, 10mm                  | 1   |
| <b>C</b> | <b>Holder for screwdriver bits and sockets</b> |                                            |     |
| C1       | KL-0056-1131                                   | Holder for screwdriver bits 5/16"          | 1   |
| C2       | KL-0056-1132                                   | Holder for sockets 1/4"                    | 1   |
| <b>D</b> | <b>Screwdriver bits 5/16"</b>                  |                                            |     |
| D1       | KL-0056-1145                                   | In-hex socket XZN12                        | 1   |
| D2       | KL-0056-1144                                   | In-hex socket T50                          | 1   |
| D3       | KL-0056-1146                                   | In-hex socket T40                          | 1   |
| D4       | KL-0056-1143                                   | Screwdriver bit, size 7mm                  | 1   |
| D5       | KL-0056-1142                                   | Screwdriver bit, size 6mm                  | 1   |
| D6       | KL-0056-1141                                   | Screwdriver bit, size 5mm                  | 1   |
| <b>E</b> | <b>Sockets 1/4"</b>                            |                                            |     |
| E1       | KL-0056-1156                                   | Socket, 2-edge, 12mm                       | 1   |
| E2       | KL-0056-1155                                   | Socket, 2-edge, 10mm                       | 1   |
| E3       | KL-0056-1154                                   | Socket, 2-edge, 9mm                        | 1   |
| E4       | KL-0056-1153                                   | Socket, 2-edge, 8mm                        | 1   |
| E5       | KL-0056-1152                                   | Socket, 2-edge, 7mm                        | 1   |
| E6       | KL-0056-1151                                   | Socket, 2-edge, 6mm                        | 1   |
| <b>F</b> | <b>Open side deep sockets</b>                  |                                            |     |
| F1       | KL-0056-1122                                   | Open side deep socket, size 22mm           | 1   |
| F2       | KL-0056-1121                                   | Open side deep socket, size 21mm           | 1   |
| F3       | KL-0056-1119                                   | Open side deep socket, size 19mm           | 1   |
| F4       | KL-0056-1118                                   | Open side deep socket, size 18mm           | 1   |
| F5       | KL-0056-1117                                   | Open side deep socket, size 17mm           | 1   |
| F6       | KL-0056-1116                                   | Open side deep socket, size 16mm           | 1   |

| Pos.     | Part no.                | Description                                                               | Qty |
|----------|-------------------------|---------------------------------------------------------------------------|-----|
| <b>G</b> | <b>Lock nut spanner</b> |                                                                           |     |
| G1       | KL-0050-51 A            | Lock nut spanner (Mercedes)                                               | 1   |
| Z        | 1993 U-20 SK            | Reversible ratchet with 19mm hexagonal mount (available as an accessory!) | 1   |
| -        | KL-0056-1190-1          | Foam insert                                                               | 1   |

## Supplementary kit

### KL-0056-1100 B

To supplement the shock absorber piston rod tool kit - **KL-0056-11 EA** to **KL-0056-11 EB**.

| Pos. | Part no.     | Description                      | Qty |
|------|--------------|----------------------------------|-----|
| D3   | KL-0056-1146 | In-hex socket T40                | 1   |
| E3   | KL-0056-1154 | Socket, 2-edge, 9mm              | 1   |
| E2   | KL-0056-1155 | Socket, 2-edge, 10mm             | 1   |
| E1   | KL-0056-1156 | Socket, 2-edge, 12mm             | 1   |
| F1   | KL-0056-1122 | Open side deep socket, size 22mm | 1   |

## Specifications

Open side deep socket: ..... Sizes 16/17/18/19/21/22mm  
 Screwdriver bit: ..... Sizes 5/6/7 mm/T40/T50/XZN12  
 Socket, 2-edge: ..... Sizes 6/7/8/9/10/12mm  
 Drive for open side deep sockets: ..... Size 19mm  
 Drive of holder: ..... Size 10mm  
 Holder for screwdriver bits: ..... 5/16"  
 Holder for sockets: ..... 1/4"

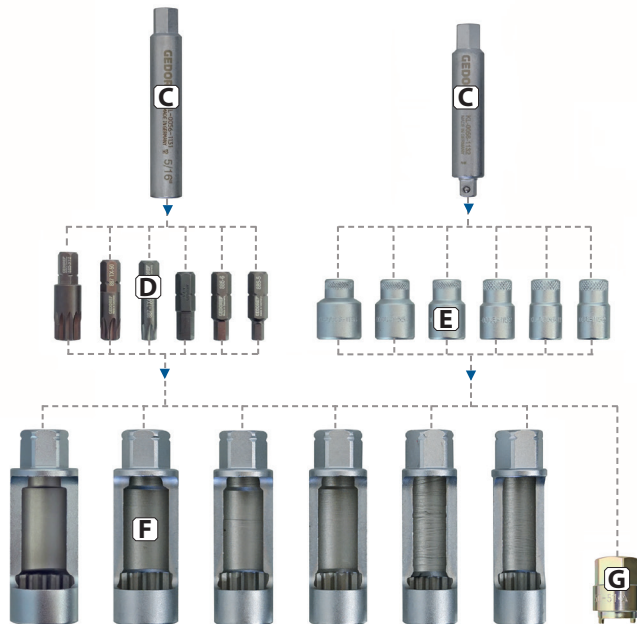
## SAFETY INSTRUCTIONS AND REGULATIONS

- Read and understand this product information **before using** the special tool, as it serves to familiarise you with the special tool and thus ensures **safe use**!
- 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, e.g. safety goggles, protective gloves, safety shoes, if necessary!
- Interrupt your work **immediately** if you are unsure about using the special tool, and contact **GEDORE Automotive GmbH** if necessary!
- Dispose of the special tool and its packaging material in an environmentally compatible way in accordance with the legal requirements. If necessary, ask your local authorities or **GEDORE Automotive GmbH** about environmentally friendly disposal options!

## TYPICAL APPLICATION

This typical application describes how to assemble a shock absorber piston rod key.

### 📷 1: Assemble the shock absorber piston rod key to fit...



1. Assemble the shock absorber piston rod key to match the piston rod and piston rod nut as shown.

❗ For other shock absorber piston rod keys, see the **GEDORE-Automotive** catalogue.



### 📷 2: Typical application



#### ⚠ WARNING

Opening the piston rod nut on the suspension strut can cause the suspension spring to suddenly relax and spin around! This can cause **DEATH** or **SEVERE INJURIES**!

❗ The piston rod nut must **never** be loosened before it or the suspension strut have been properly and safely clamped in a spring compressor!

2. Before loosening the piston rod nut, clamp the shock absorber properly and securely in a suitable spring compressor according to the **manufacturer's specifications**.

❗ Suitable spring compressors e.g. **KL-0015**, **KL-9002**, **KL-5501**, see **GEDORE-Automotive** catalogue.

### Recommended accessories:

#### GEDORE 1993 U-20 SK - Reversible ratchet with 19mm hexagonal mount

Alternative to open-end spanner with ring ratchet [A]. Enables convenient drive of the shock absorber piston rod key. A space is already provided for this in the foam insert of the tool kit.