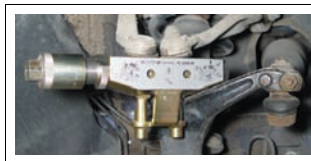
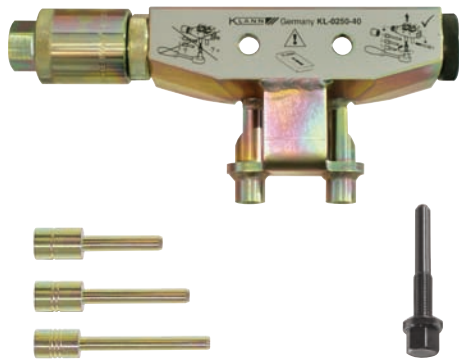


KL-0250-40 Extractor for Clamping Bolt and Ball Joint (Pat. e.g. US-Patent 6,546,610)



Suitable for Audi A4 (up to 2000) / VW Passat front axle (up to 2005). Essential tool for the extraction of the upper wishbone pivot pin clamping bolt out of the steering knuckle clamping bore.

The removal of the long retaining bolt securing the double ball-joints is a serious problem, due to the severe corrosion leading to the bolt becoming extremely stubborn to remove.

Previously the only method has been a hammer and drift, which is not only time-consuming, but entails greater risks to the mechanic, and also risks damage to the suspension components.

The extractor KL-0250-40 allows a quick, easy and risk-free extraction of the long retaining bolt and both ball-joints. The tool functions for both left and right-hand sides of the suspension.

Application example:

- Mount tool with pressure unit on steering knuckle (with pressure drift I inserted).
- Drive hex nut by means of an impact wrench and push back the hex clamping bolt. The loosening process takes place with a loud noise.
- Extract the hex clamping bolt with the pressure unit in 3 stages. For this, insert the pressure drifts II + III one after another.
- Pull out the hex clamping bolt completely. In case it is not yet possible to pull out the hex clamping bolt completely, use the supplementary pressure drift set **KL-0250-402**, for the entire extraction of the clamping bolt.
- Remove the hex nut. Completely remove the pressure drift so that the clamping bore is clear.
- Push both pivot pins out of the clamping bore by means of the pressure spindle.

Advantages:

- Large cost savings.
- Substantial savings of between 2 and 3 hours .
- No risk of damage to the suspension components.

Technical Data:

Weight:	2.4 kg
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Scope of Delivery:

KL-0250-40 Extractor for Clamping Bolt and Ball Joint

Part No.	Description	Qty.
KL-0250-4001	Tool body	1
KL-0250-4002	Thread adaptor (with big bore)	1
KL-0250-4005	Pressure screw M10 x 1.25 x 95 mm	1
KL-0250-4011	Housing	1
KL-0250-4012	Pressure drift I (Length 78 mm)	1
KL-0250-4013	Nut	1
KL-0250-4014	Pressure drift II (Length 98 mm)	1
KL-0250-4015	Pressure drift III (Length 118 mm)	1
KL-0014-0030	Molybdenum disulphide paste 50g (not ill.)	1

KL-0250-402 Supplementary Pressure Drift Set



Used to press out the hex clamping bolt completely out of the clamping bore.

Scope of Delivery:

KL-0250-402 Supplementary Pressure Drift Set

Part No.	Description	Qty.
KL-0250-4016	Pressure drift IV (Length 138 mm)	1
KL-0250-4017	Pressure drift V (Length 158 mm)	1
KL-0250-4018	Pressure drift VI (Length 178 mm)	1

KL-0250-403 Pressure Drift Puller



The pressure drift puller **KL-0250-403** enables the pressure drifts to be pulled out of the tool body.