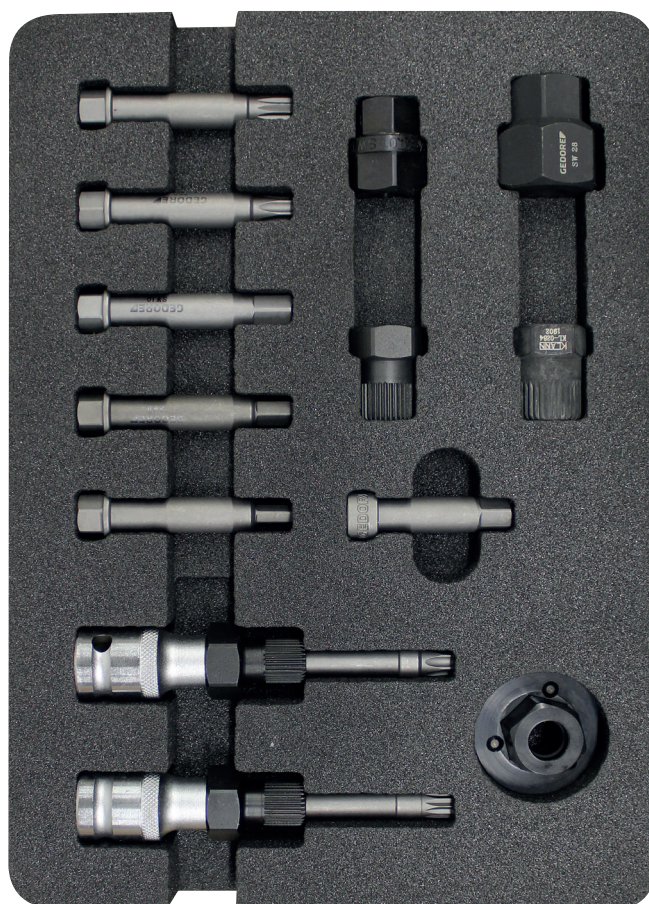




KL-0284-185 E

Alternator Socket Spanner Set



Product information EN
 ⚠ Read and understand before use!

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Version 1 - 11/2021

Product description

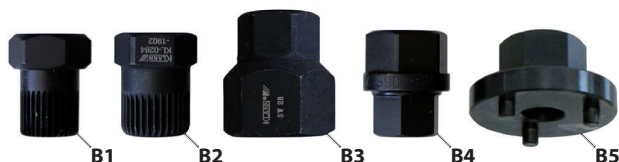
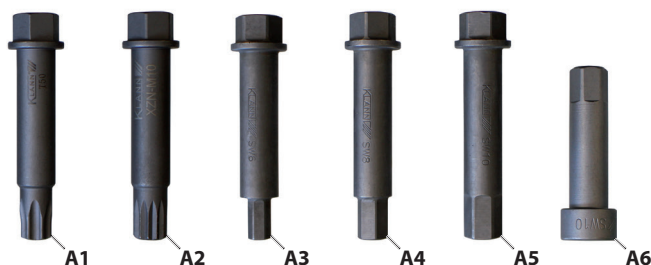
KL-0284-185 E - Alternator Socket Spanner Set

Fits universally for cars and vans, for example Audi, Alfa Romeo, BMW, Citroën, Dacia, Ford, Fiat, Mercedes, Mini, Opel, Peugeot, Porsche, Renault, Seat, Škoda, Toyota, Volvo, VW, etc. Especially suitable for alternators from Hella, Bosch, Lucas, Denso, Valeo, Mahle, and many others.

Alternative tools: 999-5761, W 602 589 00 10 00, MP-1-309, T10474, T10474-1, U-40084

The alternator socket spanner set enables professional loosening, tightening and simultaneous counterholding of the overrunning alternator pulley. Necessary as alternators with free-wheel cannot be counterheld from the outside via the belt pulley for loosening. The special screwdriver inserts and union nuts can be combined with each other in any way. This provides a universally suitable range for a large number of alternators.

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Scope of delivery/component overview

Item	Part no.	Description	Qty.
"Screwdriver bits"			
A1	KL-0284-2901	Screwdriver bit (TX50)	1
A2	KL-0284-2801	Screwdriver bit (XZN10)	1
A3	KL-0284-2811	Screwdriver bit (hexagon socket 6mm)	1
A4	KL-0284-2821	Screwdriver bit (hexagon socket 8mm)	1
A5	KL-0284-2831	Screwdriver bit (hexagon socket 10mm)	1
A6	KL-0284-2601	Screwdriver bit (hexagon head 10mm)	1
"Union nuts"			
B1	KL-0284-4202	Union nut (32 teeth - 17mm dia.)	1
B2	KL-0284-1902	Union nut (33 teeth - 19.5mm dia.)	1
B3	KL-0284-2702	Union nut (hexagon socket 28mm)	1
B4	KL-0284-3901	Union nut (hexagon socket 17mm)	1
B5	KL-0284-3902	Union nut (3 pins)	1
"Combined inserts"			
C1	KL-0284-40	Combined insert (TX50 / 31 teeth - 14mm dia.)	1
C2	KL-0284-41	Combined insert (XZN10 / 31 teeth - 14mm dia.)	1
-	KL-0284-1859	Foam insert	1
Storage system: Plastic case - KL-4990-9272			

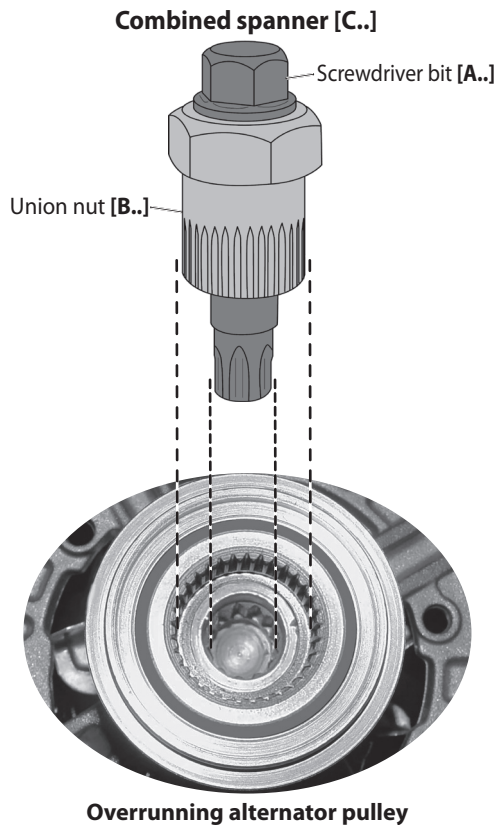
Specifications

Drive (screwdriver bits*):Size 12mm
 * (only with KL-0284-2601):Size 10mm

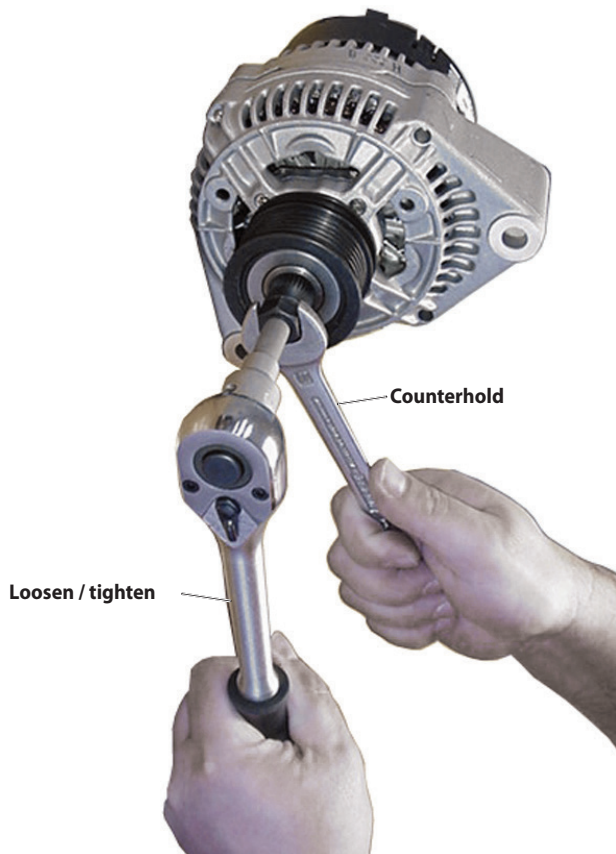
Drive (union nuts):Size 21mm

Drive (combined insert): 1/2"

📷 1: Assemble the combined insert accordingly.



📷 2: Loosen or tighten the overrunning alternator pulley according to the manufacturer's instructions.



⚠️ Safety instructions and regulations

- ✔ Maintenance and repairs on motor vehicles may only be carried out by trained specialists in specialist automotive workshops, observing occupational safety and accident prevention as well as the vehicle manufacturer's instructions.
- ✔ Before use, make sure that the tool is undamaged. Replace damaged or worn parts.
- ✔ Always observe the vehicle-specific application procedures in the vehicle manufacturer's repair guide.
- ✔ Given vehicle-specific data are subject to change.

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Typical application

This typical example describes loosening, tightening, and simultaneous counterholding of the overrunning pulley on an alternator.

1. Loosen or remove all necessary parts as specified by the manufacturer. For example, remove the V-ribbed belt and take off the dust cap on the overrunning alternator pulley.
2. Depending on the inside and outside profile of the overrunning alternator pulley, determine the suitable combined spanner [C.], and assemble it accordingly from a screwdriver bit [A.] and a union nut [B.] **📷 1**.

CAUTION

The combined spanner, the alternator, and the overrunning alternator pulley may be damaged.

- ✔ *Always engage the combined spanner fully and properly in the alternator shaft and the overrunning pulley.*
3. Fully engage the combined spanner to the alternator or the overrunning alternator pulley, and loosen or tighten the free-wheel as specified by the manufacturer **📷 2**.
- 📷 i** Observe the torque as specified by the manufacturer!

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