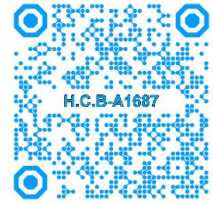


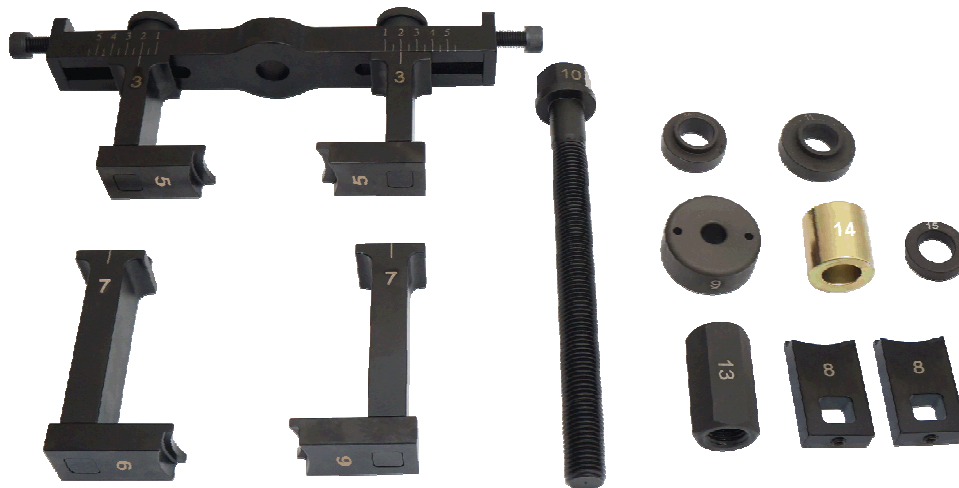
ET1687A

UNIVERSAL HUB PULLER

PAT.M530219



Video



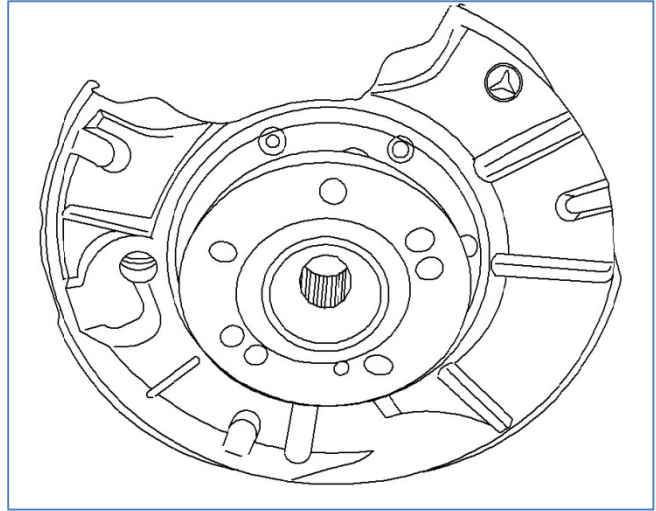
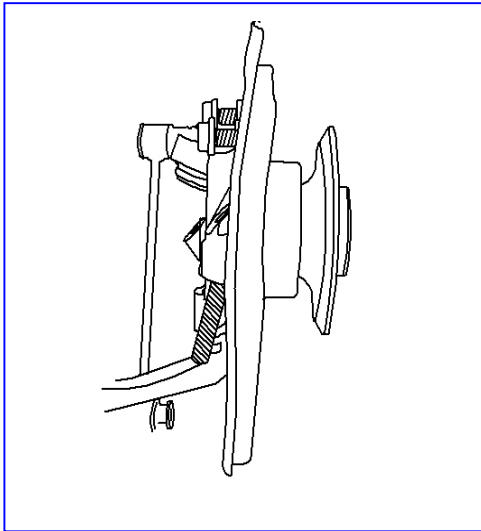
- This puller can extract new type hub bearing with or without C ring.
- This puller is adjustable which can be used on many different sizes of hubs.
- Application:
BENZ ML W140/W163/W124/W220
BMW E36/E46,E90
VW TOUARG

Content:

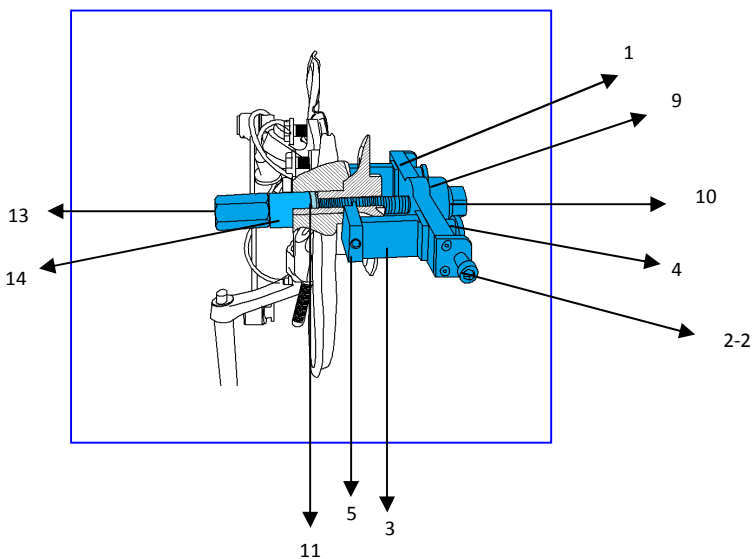
Code No.	Description	Specification	Q'ty	Remark
1	Main body upper base	L280*W22*H60	1	1 · 2 after welding L300*W22*H60
2	Main body side	L10*W39*H38	2	
2-1	Pan head screw	M5*P0.8*L20	4	
2-2	Round hexagon head screw	M12*P1.75*L70	2	
3	Adjustable rod	L92*W40*L38	2	
4	Screw of adjustable rod	φ35*L50	2	
5	Replaceable removal block	L67*W16*H40	2	
5-1	Set Screw	M8*P1.25*L8	6	
6	Replaceable removal block	L67*W16*H38	2	
7	Replaceable adjustable rod	L133*W20*H40	2	
8	Replaceable removal block	L67*W16*H38	2	
9	Bearing	φ57*25L	1	
10	Threaded rod	φ41*288L	1	
11	Rear removal block	φ48*16L	1	
12	Rear removal block	φ41*16L	1	
13	Nut	H32*66L	1	
14	Cylindrical extension block	φ38*42L	1	

Instructions

【BENZ W220 hub removal (Bearing is not removed)】

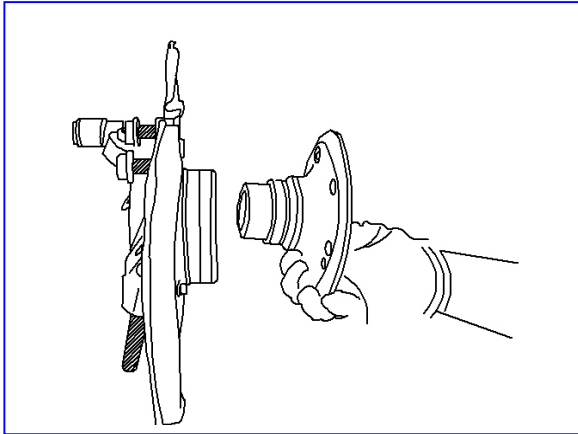


(1) BENZ W220 Hub

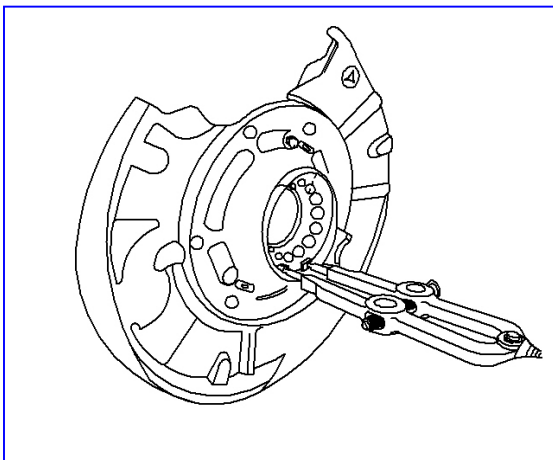


- (2) Assemble the main body first. Use set screws (No. 5-1) to lock replaceable removal block No. 5 onto replaceable adjustable rod No. 3. Slightly tighten screw of adjustable rod No.4 to hold rod No. 3, and let No.3 be remained adjustable. Fit removal block No.5 on the bearing base to hook it. Aim the scale on both sides to make the hub face to threaded rod No. 10 directly. Tighten screws No. 2-2 on both sides by hand to lock No. 5, 3, 4, and then tighten screw No.4 by hand.
- (3) Fit bearing No.9 on the right of main body No. 1 (As picture above). Insert threaded rod No. 10 through bearing No. 9, main body No. 1. Install removal block No. 11, cylindrical extension block No. 14, and nut No. 13 in order (as picture above).
- (4) Use a wrench to hold nut No. 13.

(5) Use an air impact wrench to turn threaded rod No. 10 until the hub is extracted.

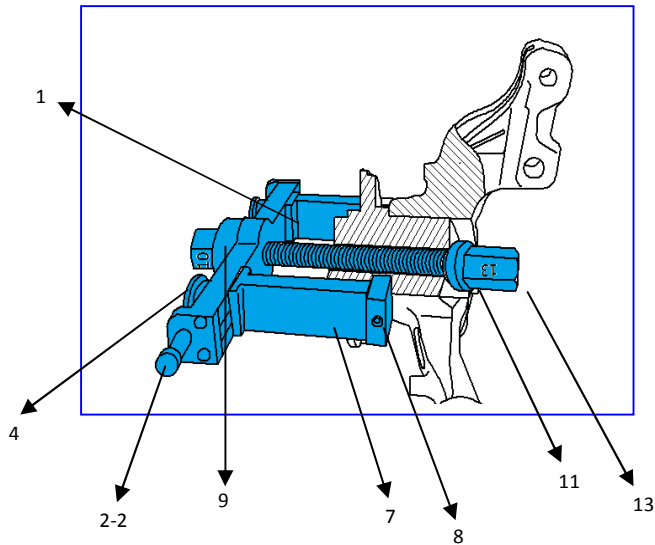


(6) Hub extraction is completed.

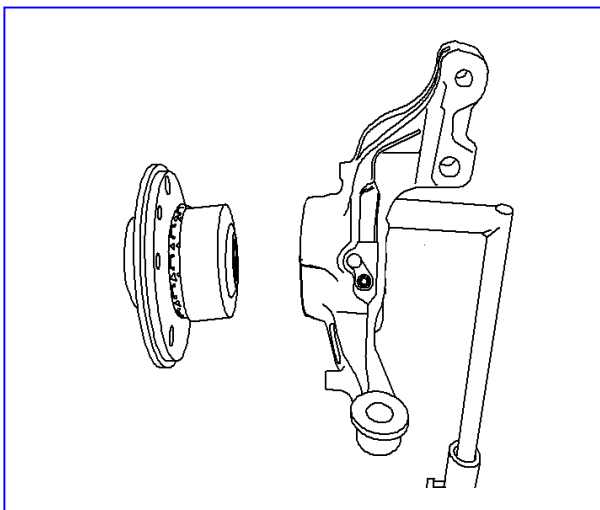


(7) Use H.C.B-A1641 to remove the C ring to replace the inner bearing.

【VW T5 hub removal (Bearing is removed at once)】



- (1) Assemble main body first. Use set screws (No. 5-1) to lock replaceable removal block No. 8 onto replaceable adjustable rod No. 7. Slightly tighten screw of adjustable rod No. 4 to hold rod No. 7, and let No. 3 be remained adjustable. Fit removal block No. 8 on the bearing base to hook it. Aim the scale on both sides to make the hub face to threaded rod No. 10 directly. Tighten screws No. 2-2 on both sides by hand to lock No. 5, 3, 4, and then tighten screw No. 4 by hand.
- (2) Fit bearing No. 9 on the left of main body No. 1 (As picture above). Insert threaded rod No. 10 through bearing No. 9, main body No. 1. Install removal block No. 11, and nut No. 13 in order (as picture above).
- (3) Use a wrench to hold nut No. 13 and use an air impact wrench to turn threaded rod No. 10 until the hub is extracted.



- (4) Hub (and bearing) is extracted.