

H.C.B-A2293

INNER BEARING RACE EXTRACTOR KIT



- Allow precise extraction of inner bearing race from the wheel hub.
- Removal of the hub always leaves the inner race on the hub. The race is impossible to remove without the correct special tool.
- Makeshift methods such as grinders, Chisels, Welding torches, etc. represent severe risks of personal injury or damage to the components.
- The new puller set allow quick and easy removal of inner bearing races with diameters from 40 mm to 72 mm with a few minutes without risk of damage or injury.
- **Application:**
VW, Audi, BMW, Ford, Fiat, Mercedes-Benz, Opel, Renault, Peugeot, Volvo.....etc.
- Optional Parts: A9 Chuck is required when extracting the inner bearing race of Mercedes-Benz W124 and W140.
- Optional Parts: A10 Chuck is required when extracting the inner bearing race of Mercedes-Benz W220.
- Optional Parts: A11 Chuck is required when extracting the inner bearing race of VW A4 and VW Golf.



For BMW & BENZ



For BENZ



For VW

● **Specification:**

Part No.	Description	Part No.	Description
A1	Chuck	A5	Special Ring Spanner 36 mm
A2	Chuck	A6	Stud (M20 X 1.5)
A3	Chuck	A7	Pressure Piece
A4	Handle	A8	Pressure Piece

Part No.	Description	Application (Car Model)
1	Puller (Size: φ 44-48 mm)	Renault, Lancia Cappa
2	Puller (Size: φ 48-52 mm)	Ford Transit, T330
3	Puller (Size: φ 52-56 mm)	VW, Audi, Seat, Skoda
4	Puller (Size: φ 56-60 mm)	Mercedes-Benz W168
5	Puller (Size: φ 60-64 mm)	Mercedes Benz W201, W202, W203, W210, W214. BMW, Peugeot
6	Puller (Size: φ 64-68 mm)	Mercedes-Benz W163, W169, W221, W220, W245, W214T
7	Puller (Size: φ 68-72 mm)	VW Touareg, Porsche Cayenne

● **Instructions (Used on Mercedes-Benz W163):**

1



1. Place A7 on the wheel hub with the convex side facing down, and the hole facing up (Picture 2).
2. Hitch A2 with A1, and tighten the four screws up (Picture 3).
3. Hitch No.3 puller with A1, A2, and turn the tool to change the size (Picture 3).
4. Hook on the slot on the bearing with the assembly of A1, A2, No.3 puller, and use A4 and A5 handle and wrench to tighten up (Picture 4).
5. Screw A6 stud into No.3 puller (Picture 4).
6. Use a 21 mm wrench or air impact tool to turn A6 stud clockwise to fit the hole on A7.

2



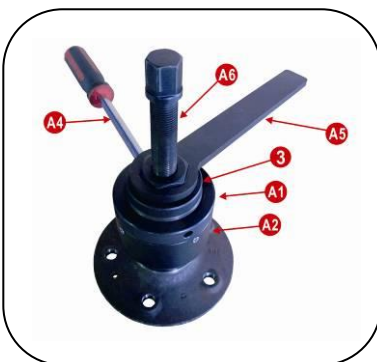
Caution :

1. Make sure the puller hooks on the slot of the bearing tightly.
2. Make sure A7 is parallel with the bearing.
3. Make sure A6 stud fits the hole on A7.

3



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- **Instructions (Used on Mercedes-Benz W140):**

Optional Parts A9 is required!

6



1. Place A9 on the wheel hub with the convex side facing down and the hole facing up (Picture 7).
2. Hitch A2 with A1, and tighten the four screws up (Picture 8).
3. Hitch the No.3 puller with A1, A2, and turn the tool to change the size (Picture 8).
4. Hook on the slot on the bearing with the assembly of A1, A2, No.3 puller, and use A4 and A5 handle and wrench to tighten up (Picture 9).
5. Screw A6 stud into No.3 puller (Picture 9).
6. Use a 21 mm wrench or air impact tool to turn the A6 stud clockwise to fit the hole on A9.

7



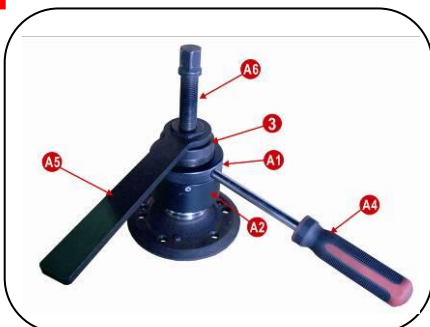
Caution :

1. Make sure the puller hooks on the slot of the bearing tightly.
2. Make sure A9 is parallel with the bearing.
3. Make sure A6 stud fits the hole on A9.

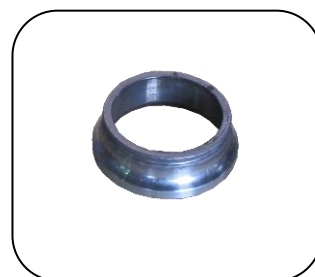
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- **Instructions (Used on Mercedes-Benz W124):**

Optional Parts A9 is required!

11



1. Place A9 on the wheel hub with the convex side facing down and the hole facing up (Picture 12).
2. Hitch A2 with A1, and tighten the four screws up (Picture 13).
3. Hitch the No.4 puller with A1, A2, and turn the tool to change the size (Picture 13).
4. Hook on the slot on the bearing with the assembly of A1, A2, No.4 puller, and use A4 and A5 handle and wrench to tighten up (Picture 14).

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5. Screw A6 stud into No.4 puller (Picture 14).
6. Use a 21 mm wrench or air impact tool to turn the A6 stud clockwise to fit the hole on A9.

Caution :

1. Make sure the puller hooks on the slot of the bearing tightly.
2. Make sure A9 is parallel with the bearing.
3. Make sure A6 stud fits the hole on A9.

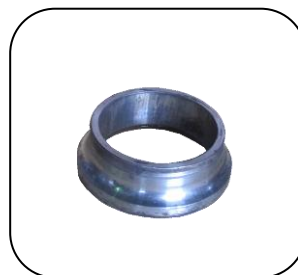
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14



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- **Instructions (Used on Mercedes-Benz W220):**

Optional Parts A10 is required!

16



1. Place A9 on the wheel hub with the convex side facing down and the hole facing up (Picture 16).

2. Hitch A3 with A1, and tighten the four screws up (Picture 17).

3. Hitch the No.6 puller with A1, A3, and turn the tool to change the size (Picture 17).

4. Hook on the slot on the bearing with the assembly of A1, A3, No.6 puller, and use A4 and A5 handle and wrench to tighten up (Picture 19).

5. Screw A6 stud into No.6 puller (Picture 19).

6. Use a 21 mm wrench or air impact tool to turn the A6 stud clockwise to fit the hole on A10.

17



Caution :

1. Make sure the puller hooks on the slot of the bearing tightly.

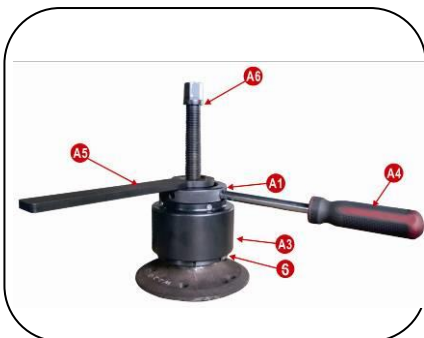
2. Make sure A10 is parallel with the bearing.

3. Make sure A6 stud fits the hole on A10.

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● **Instructions (Used on VW TOUARG):**

21



1. Place A8 on the wheel hub with the convex side facing up and the hole facing up (Picture 22).
2. Hitch A2 with A1, and tighten the four screws up (Picture 23).
3. Hitch the No.4 puller with A1, A2, and turn the tool to change the size (Picture 23).
4. Hook on the slot on the bearing with the assembly of A1, A2, No.4 puller, and use A4 and A5 handle and wrench to tighten up (Picture 24).
5. Screw A6 stud into No.4 puller (Picture 24).
6. Use a 21 mm wrench or air impact tool to turn the A6 stud clockwise to fit the hole on A8.

22



Caution :

1. Make sure the puller hooks on the slot of the bearing tightly.
2. Make sure A8 is parallel with the bearing.
3. Make sure A6 stud fits the hole on A8.

23



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● **Instructions (Used on VW A4):**

Optional Parts A11 is required!

26



1. Place A11 on the wheel hub with the convex side facing down and the hole facing up (Picture 27).
2. Hitch A2 with A1, and tighten the four screws up (Picture 28).
3. Hitch the No.4 puller with A1, A2, and turn the tool to change the size (Picture 28).
4. Hook on the slot on the bearing with the assembly of A1, A2, No.4 puller, and use A4 and A5 handle and wrench to tighten up (Picture 29).
5. Screw A6 stud into No.4 puller (Picture 29).
6. Use a 21 mm wrench or air impact tool to turn the A6 stud clockwise to fit the hole on A11.

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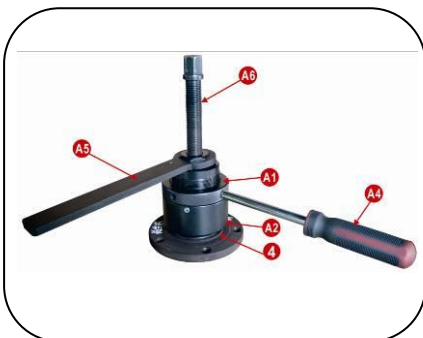
Caution :

1. Make sure the puller hooks on the slot of the bearing tightly.
2. Make sure A11 is parallel with the bearing.
3. Make sure A6 stud fits the hole on A11.

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● **Instructions (Used on VW Golf):**

Optional Parts A11 is required!

31



1. Place A11 on the wheel hub with the convex side facing down and the hole facing up (Picture 32).
2. Hitch A2 with A1, and tighten the four screws up (Picture 33).
3. Hitch the No.3 puller with A1, A2, and turn the tool to change the size (Picture 33).
4. Hook on the slot on the bearing with the assembly of A1, A2, No.3 puller, and use A4 and A5 handle and wrench to tighten up (Picture 34).
5. Screw A6 stud into No.3 puller (Picture 34).
6. Use a 21 mm wrench or air impact tool to turn the A6 stud clockwise to fit the hole on A11.

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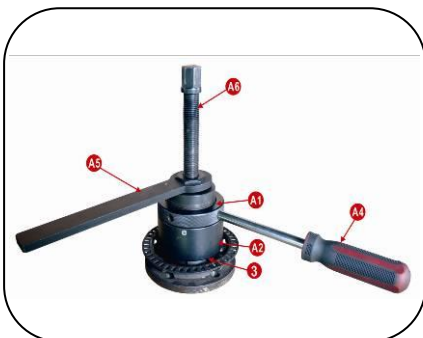
Caution :

4. Make sure the puller hooks on the slot of the bearing tightly.
5. Make sure A11 is parallel with the bearing.
6. Make sure A6 stud fits the hole on A11.

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