

# LuK GearBOX, Part Number: 462 0195 10

## Transmission Data



- ▶ **Manufacturer:** Volkswagen Group
- ▶ **Type:** 0AH
- ▶ **Design:** 5-speed manual transmission

## Fleet Data



- ▶ **Vehicles:** VW: Caddy III, Passat, Passat Variant, Touran
- ▶ **Fleet (VIO):** approx. 1.6 million vehicles linked via K-Type-#

## Box Content



## Information



- ▶ A typical failure is wear of the bearing shaft seat with double ball bearing which will be indicated by a rattling noise. This can result in the failure of the 5<sup>th</sup> gear needle roller bearing (see No. 4).
- ▶ Due to different vehicle applications of the VW 0AH transmission there are two LuK GearBOX sets (462 0195 10 / 462 0196 10). These sets differ in the gearbox-side bearing of the input and output shaft (double bearing with cast or sheet metal housing).
- ▶ The exact part number is determined by the transmission ID.
- ▶ Repair instructions are available from the vehicle manufacturer.

No.	Description	Mounting Position	Part	Dimensions (mm)
1	Main bearing input shaft	Engine side	Roller bearing	24.10 x 47.00 x 17.70
2	Main bearing in-/output shaft	Gearbox side	Double ball bearing	172.00 x 108.00 x 38.00
3	Main bearing output shaft	Engine side	Roller bearing	32.00 x 55.00 x 18.00
4	Idler gear bearing and inner ring 5th gear	Gearbox side	Needle roller bearing	21.80 x 32.00 x 25.80
5	Inner ring output shaft*	Engine side	Inner ring	26.00 x 32.00 x 18.00
6	Main bearing differential	Engine side	Tapered roller bearing	41.00 x 68.00 x 18.30
7	Main bearing differential	Gearbox side	Tapered roller bearing	41.00 x 68.00 x 18.30
8	Seal ring input shaft	Engine side	Shaft sealing ring	
9	Seal rings differential	Engine/Gearbox side	Shaft sealing rings	
10	Seal cover 5th gear*		Flat gaskets	
11	Seal bearing journals		O-rings	
12	Circlip 5th gear*		Adjusting ring	17.70 x 2.00
13	Circlip 5th gear*		Adjusting ring	17.70 x 2.10
14	Circlip 5th gear*		Adjusting ring	17.70 x 2.20
15	Circlip inner ring main bearing output shaft*	Engine side	Circlip ring	

\*Optional to use