LuK GearBOX, Part Number: 462 0196 10

SCHAEFFLER

Transmission Data

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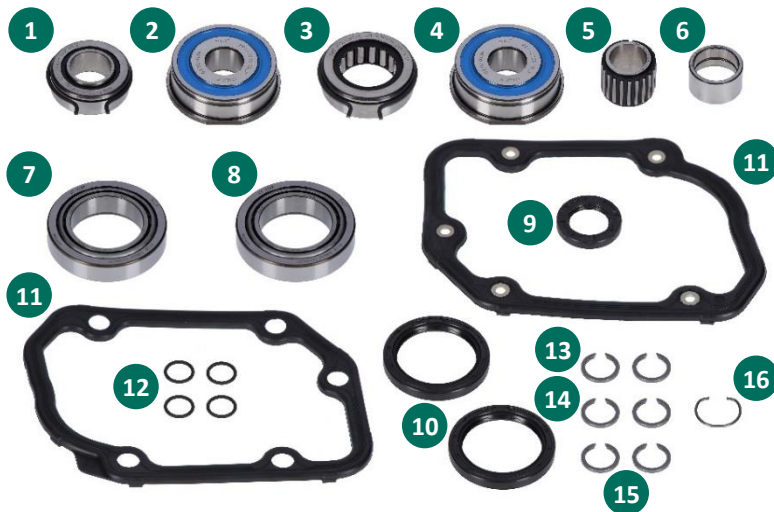▶ **Design:** 5-speed manual transmission

Fleet Data

▶ **Vehicles:**
Audi:	A3
SEAT:	Altea, Leon
Skoda:	Octavia III
VW:	Caddy III, Golf VI+VII, Passat, …

Fleet (VIO): approx. 1.1 million vehicles linked via K-Type-#

Box Content

Information

▶ Due to different vehicle applications of the VW 0AH transmission there are two LuK GearBOX sets (462 0195 10 / 462 0196 10). These differ in the gearbox side bearings of the input and output shaft (double bearing with cast or sheet metal housing).

▶ This set contains the ball bearings (see No. 2 + No. 4) for the cast housing. The ball bearings of the cast housing will be replaced, which means cost savings compared to the OES version (cast housing + bearing).

▶ 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 input shaft	Gearbox side	Ball bearing	22.00 x 62.00 x 21.00
3	Main bearing output shaft	Engine side	Roller bearing	32.00 x 55.00 x 18.00
4	Main bearing output shaft	Gearbox side	Ball bearing	22.00 x 62.00 x 21.00
5	Idler gear bearing and inner ring 5th gear	Gearbox side	Needle roller bearing	21.80 x 32.00 x 25.80
6	Inner ring output shaft*	Engine side	Inner ring	26.00 x 32.00 x 18.00
7	Main bearing differential	Engine side	Tapered roller bearing	41.00 x 68.00 x 18.30
8	Main bearing differential	Gearbox side	Tapered roller bearing	41.00 x 68.00 x 18.30
9	Seal ring input shaft	Engine side	Shaft sealing ring	
10	Seal rings differential	Engine/Gearbox side	Shaft sealing rings	
11	Seal cover 5th gear*		Flat gaskets	
12	Seal bearing journals		O-rings	
13	Circlip 5th gear*		Adjusting ring	17.70 x 2.00
14	Circlip 5th gear*		Adjusting ring	17.70 x 2.10
15	Circlip 5th gear*		Adjusting ring	17.70 x 2.20
16	Circlip inner ring main bearing output shaft*	Engine side	Circlip ring	

*Optional to use

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