

# LuK GearBOX, Part number: 462 0146 10

## Transmission Data



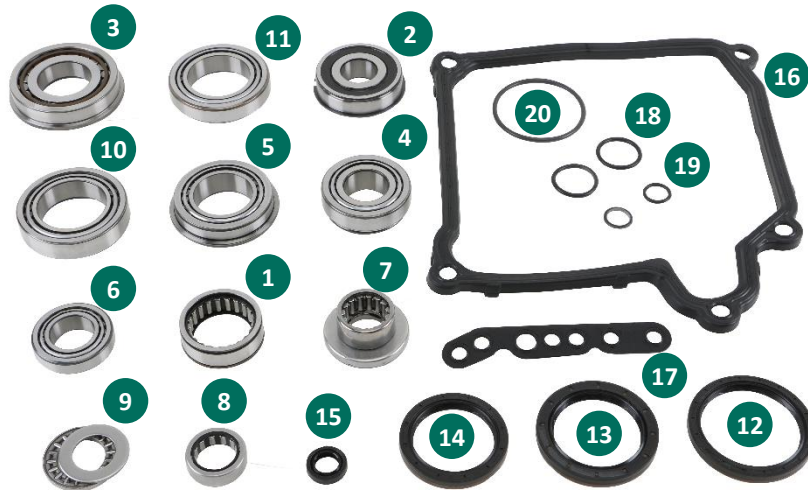
- ▶ **Manufacturer:** Volkswagen Group
- ▶ **Type:** O2E
- ▶ **Design:** 6-speed double clutch transmission

## Fleet Data



- ▶ **Vehicles:** Audi: A3  
SEAT: Altea, Altea XL, Leon  
Skoda: Oktavia II, Superb II  
VW: EOS, Golf V, Passat, Sharan, Touran, ...
- ▶ **Fleet (VIO):** approx. 4.2 million vehicles linked via K-Type-#

## Box content



## Information



- ▶ 6-speed transmission with wet double clutch.
- ▶ Typical failure is the deposit of metal abrasion on the shift sensors preventing proper gear selection.
- ▶ No repair instructions available from OE.
- ▶ Single parts not available from OES.

No.	Description	Mounting Position	Part	Dimensions (mm)
1	Main bearing input shaft	Engine side	Roller bearing	38.00 x 52.00 x 17.30
2	Main bearing input shaft	Gearbox side	Ball bearing	27.00 x 65.00 x 19.00
3	Main bearing output shaft 1	Engine side	Tapered roller bearing	38.00 x 78.00 x 20.70
4	Main bearing output shaft 1	Gearbox side	Tapered roller bearing	30.00 x 62.00 x 20.30
5	Main bearing output shaft 2	Engine side	Tapered roller bearing	40.00 x 68.00 x 19.00
6	Main bearing output shaft 2	Gearbox side	Tapered roller bearing	26.98 x 50.29 x 14.72
7	Bearing reverse gear	Engine side	Roller bearing	25.00 x 55.00 x 26.00
8	Bearing reverse gear	Gearbox side	Roller bearing	23.00 x 36.00 x 11.00
9	Bearing reverse gear	Engine side	Roller bearing	25.00 x 44.72 x 7.00
10	Main bearing differential	Engine side	Tapered roller bearing	46.00 x 75.00 x 18.00
11	Main bearing differential	Gearbox side	Tapered roller bearing	45.24 x 73.43 x 19.79
12	Seal differential	Engine side	Shaft sealing ring	
13	Seal differential	Gearbox side	Shaft sealing ring	
14	Seal differential	Gearbox side	Shaft sealing ring	
15	Seal ring lever parking lock		Sealing ring	
16	Seal mechatronics cover		Flat gasket	
17	Seal transmission housing		Flat gasket	
18	Seal ring mechatronics cover		O-rings	
19	Seal ring transmission oil cooler		O-rings	
20	Seal ring transmission oil filter		O-ring	