

LuK GearBOX, Part number: 462 0056 10

Transmission Data



- ▶ **Manufacturer:** Volkswagen Group
- ▶ **Type:** 02J
- ▶ **Design:** 5-speed manual transmission

Fleet Data



- ▶ **Vehicles:** Audi: A2, A3, TT
SEAT: Arosa, Cordoba, Ibiza II, Leon, Toledo II
Skoda: Octavia I
VW: Bora, Caddy II, Golf IV, Lupo, Polo, ...
- ▶ **Fleet (VIO):** approx. 4.7 million vehicles linked via K-Type-#

Box Content



Information



- ▶ A typical failure is the breaking of the roll pin retaining the planetary gear shaft.
- ▶ Due to different vehicle applications of the transmission, this LuK GearBOX will be replaced by two new sets (462 0323 10 and 462 0324 10) in the future.
- ▶ The appropriate shim sets for adjusting the tapered roller bearings (differential, input and output shafts) are offered separately (464 0001 10 / 464 0002 10 / 464 0003 10).

No.	Description	Mounting Position	Part	Dimensions (mm)
1	Main bearing input shaft	Engine side	Tapered roller bearing	22.00 x 45.00 x 16.64
2	Main bearing input shaft	Gearbox side	Tapered roller bearing	30.00 x 62.00 x 18.10
3	Main bearing output shaft	Engine side	Tapered roller bearing	29.00 x 50.29 x 14.73
4	Main bearing output shaft	Gearbox side	Tapered roller bearing	38.10 x 65.10 x 18.30
5	Support bearing output shaft*		Roller bearing	29.00 x 46.00 x 18.15
6	Support bearing output shaft*		Roller bearing	29.00 x 48.00 x 18.15
7	Main bearing differential*	Engine side	Tapered roller bearing	40.99 x 67.98 x 17.50
8	Main bearing differential*	Gearbox side	Tapered roller bearing	40.99 x 67.98 x 17.50
9	Main bearing differential*	Engine side	Tapered roller bearing	41.00 x 68.00 x 18.30
10	Main bearing differential*	Gearbox side	Tapered roller bearing	41.00 x 68.00 x 18.30
11	Bearing reverse gear	Engine side	Roller bearing	15.00 x 35.00 x 18.10
12	Bearing reverse gear	Gearbox side	Roller bearing	15.00 x 28.60 x 18.75
13	Seal differential*	Gearbox side	Shaft sealing ring	
14	Seal differential*	Engine/Gearbox side	Shaft sealing ring	
15	Seal cover 5th gear		Flat gasket	
16	Guide sleeve		Sleeve	
17	Seal bearing seat		O-ring	
18	Seal bearing journals		O-ring	
19	Safety pin differential		Expanding pin	

*Optional to use