

Schaeffler E-Axle RepSystem 2in1, Part Number: 760 0001 10

E-Axle Data



- ▶ **Manufacturer:** Tesla
- ▶ **Type:** L2S
- ▶ **Design:** Asynchronous motor with reduction gearbox

Fleet Data



- ▶ **Vehicles:** Model S, Model X
- ▶ **Fleet (VIO):** approx. 158,000 vehicles linked via K-Type-#

Box Content



Information



- ▶ This repair kit applies only to vehicles with the L2S front drive unit.
- ▶ A potential defect in the e-axle is typically indicated by an increased noise level of the unit.
- ▶ A special repair manual is available on REPERT.
- ▶ Adjusting shims for the differential (464 0031 10) can be obtained separately.

No.	Description	Mounting Position	Part	Dimensions (mm)
1	Main bearing differential	Gearbox side	Ball bearing	50,00x110,00x27,00
2	Main bearing differential	Engine side	Ball bearing	45,00x100,00x25,00
3	Main bearing output shaft	Engine side	Ball bearing	35,00x80,00x21,00
4	Main bearing input shaft	Gearbox side	Ball bearing	40,00x80,00x18,00
5	Main bearing output shaft	Gearbox side	Cylindrical roller bearing	44,00x72,00x23,00
6	Main bearing input shaft	Engine side	Ball bearing	35,00x62,00x14,00
7	Sealing rings differential		Shaft seals	44,00x67,00x10,00/15,50
8	Sealing rings high voltage cable		O-rings	25,00x28,00x6,00
9	Sealing rings high voltage cable		O-rings	25,00x31,50x3,25
10	Gasket oil filter housing		Form gasket	32,20x35,00
11	Sealing rings oil filter		O-rings	16,60x20,00x1,70
12	Sealing rings oil filter hose connection		O-ring	12,50x17,70x2,60
13	Sealing rings oil fill/drain plug		O-rings	13,20x17,20x2,00
14	Sealing ring oil pipe		O-ring	9,40x14,20x2,40
15	Sealing ring stator		O-ring	11,20x14,50x1,65
16	Sealing rings stator		O-rings	14,50x20,70x3,10
17	Flat gasket – end cap		Flat gasket	90,00x110,00x5,80
18	Flat gasket		Flat gasket	245,00x270,00x5,50