

To fit:  
Ford Fiesta VI 2008 – 2017



EN

## Axle Beam Mount for rear axle support

### Problem

Squeaking noise from rear of vehicle when travelling on uneven road surfaces, irregular tyre wear and inconsistent vehicle handling.

### Cause

Rear axle beam mounting bush is worn and deteriorated causing squeaking noises, eventually leading to axle misalignment.

### Solution

Before commencing this repair, it is advisable to use an appropriate special tool to remove and install these axle beam bushes. This will reduce the risk of misalignment and damaging the new parts.

It is also recommended to replace both axle beam mounting bushes for a reliable repair. To replace the axle beam mounting bushes, the entire rear axle must be lowered from the vehicle; note that it does not need to be completely removed.

Raise the vehicle on a wheel free lift, remove the rear wheels and support the axle using a transmission jack.

Unfasten the ABS wheel speed sensor wires and parking brake cables from the axle beam to enable it to be safely lowered.

Slacken the two mounting bush retaining bolts. (Fig.1)

Remove the three securing bolts retaining the brackets from each side and gently lower the axle, then remove the bush retaining bolts. (Fig.2)



Fig. 1



Fig. 2

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Fig. 3



Fig. 4



Fig. 5

To remove the axle beam mounting, first mark the alignment of the bush to the axle and extract using the special tool. (Fig. 3 & 4)

Clean all mating surfaces being sure to remove any corrosion and road debris and then apply a small amount of petroleum jelly or lithium grease such as febi 31942 around the new bush to aid insertion. Align the new bush to ensure the correct orientation before pressing the new mounting into the axle, then repeat for the other side. (Fig. 5 & 6)

With the new axle beam mounting bushes replaced, refit the brackets to each side and raise the complete axle into position. Tighten the body bracket bolts to 125 Nm and then resecure the ABS speed sensor wiring and hand brake cables. Fig 7 & 8)

Lower the vehicle and support the axle on axle stands. Tighten the axle beam mounting bolts to 80 Nm then 120 ° with the rear suspension in the neutral position.

Raise the vehicle, refit the wheels and check the axle alignment.



Fig. 6



Fig. 7



Fig. 8

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