

Difficult gear change and judder/vibration

Part Number: 835035, 826712, 826729

For Vehicle: Audi, Seat, Skoda, VW, 1.9 TDI with a BKC, BLS or BXE engine

The vehicles listed above may experience clutch pedal vibrations, difficult gear change or judder during gear change.

Difficult gear change or judder issues can be attributed to a number of commonly worn parts fitted to the vehicle including the clutch ball pin and clutch release lever, gear synchro hubs (in particular the third and fourth) and both gear wheels.

Valeo recommend during the fitment of a clutch or flywheel to check the following:

- Are the gear synchro hubs worn, damaged or faulty?
- Is the clutch ball pin worn, broken or faulty? (figure 1)
- Check the clutch release arm for wear, cracks and correct actuation. (figure 3)
- Check the guide tube for wear and cracks. (figure 2)
- Are the gearwheels in good condition with no wear?
- Check correct gear oil is being used.

With regard to the vehicle manufacturer it is : *Figure 1. Clutch ball pin*

Check and renew all of the above parts if necessary. All of the above are available through the vehicle manufacturer.

Failure to check and replace where necessary will result in difficult gear selection and/or vibration.



Figure 2. Guide tube



Figure 3. Release arm