

## Eliminating clutch pedal vibrations

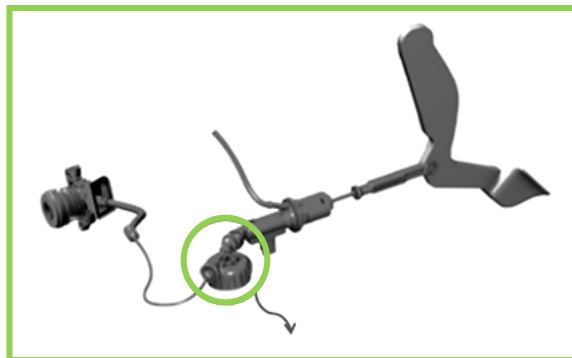
Part Number: 835035, 826729, 836059, 826712, 828002

For Vehicle: Audi, Skoda, Volkswagen, Seat 1.9 TDI models with engine codes BKC, BLS, BXE

The Valeo Service Technical department have received several calls from customers stating that vibrations have been experienced when the clutch pedal is actuated on the above vehicles. This symptom is sometimes incorrectly attributed to a faulty clutch or flywheel and can be a result of a faulty frequency modulator. The vibrations are a result of axial torque deviations in the crankshaft conveyed right through to the clutch pedal via the clutch hydraulic line. To suppress these vibrations the vehicles are fitted with a frequency modulator that is situated within the hydraulic clutch actuation system. The purpose of the frequency modulator is to absorb these disruptive vibrations that occur within the clutch line and prevents vibrations/pulsations when using the clutch pedal.

When experiencing vibrations through the pedal, Valeo recommend testing and checking the following:

- Is the frequency modulator faulty, damaged or worn?
- Is a frequency modulator fitted? If no frequency modulator is fitted check with the dealer if one should be fitted.
- Is the electronic control unit software up to date?



*The frequency modulator minimizes vibration transfer through the clutch line to the pedal.*