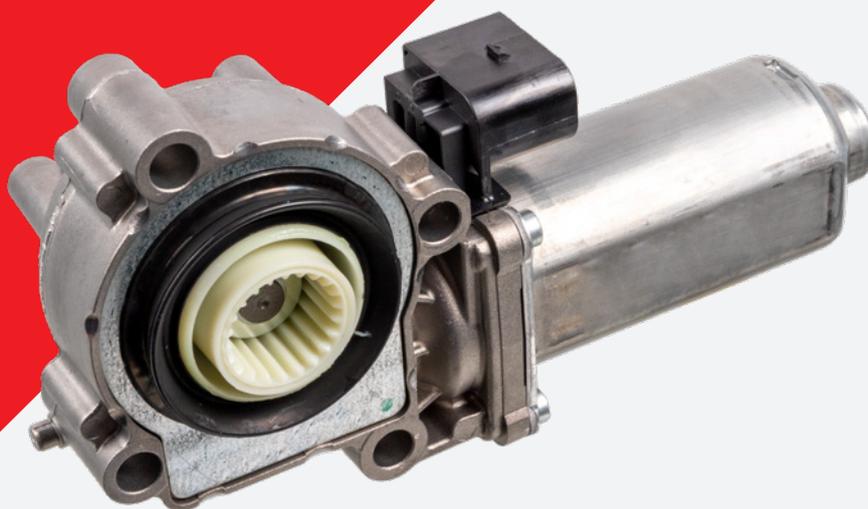


**To fit:**

BMW X3 (E83), X5 (E53, E70), X6 (E71, E72)



EN

## Adjustment motor for transfer case

**Problem**

A clicking noise can be heard from underneath the vehicle - around the area of the transfer case - when switching the ignition on or off.

The engine is jerky in operation when accelerating in lower gears.

The ABS, 4x4 and brake system warning lamps are illuminated - related to the symptoms listed above. These possible fault codes may be stored in the transfer case control unit:

- 539E Control motor or transfer case faulty.
- 5463 Transfer case mechanical fault.

**Cause**

Wear of the transfer case adjustment motor drive gear - often caused by an excessive variance of tyre tread depths between the front and the rear axle.

**Solution**

To check that all systems are fully functional, carry out a full system scan of all fault codes using a suitable diagnostic tool.

Check the transfer case adjustment motor operation and replace as necessary, then clear/reset all fault codes after the repair.

Check the tread depths of all the tyres and replace as necessary.

For more technical information please visit: [partsfinder.bilsteingroup.com](http://partsfinder.bilsteingroup.com)