

455628 Pinion Modification

Part Number: 455628

For Vehicle: Volkswagen Transporter 1.9D T4 1990 > 1994

The Valeo Service Technical department have had several calls stating that the pinion on starter motor 455628 is different to the unit being removed from the vehicle.

Originally 455628 was designed with a long support shaft through the pinion. The unit was initially supplied with a phosphor bronze bush, which should be used to replace the one within the clutch housing each time the starter is replaced. The purpose of the bush is to prevent lateral movement of the pinion shaft and subsequent damage to the pinion teeth.

However, instead of relying on the repairer to replace the worn bronze bush, the unit has been redesigned to contain an internal pinion support shaft bearing, meaning no additional bronze bush is necessary and can be discarded.



Original unit supplied with an additional bronze bush



New unit with internal pinion support shaft