Starter cranks too slowly to start engine

Test conditions:

- V-belt tension OK.

- Insufficient battery charge or excessive voltage loss (drop) due to loose or corroded/oxidized connections.
- Check and, if necessary, charge battery, ⇒ Rep. Group 27
Starter motor cranks engine normally / Starter motor still cranks engine too slow

END

- Excessive voltage loss (drop) due to loose or corroded/oxidized connections on starter motor terminal 30.
- Disconnect battery ground strap. - Clean and tighten electrical connections on starter motor and ground strap between transmission and body (do not loosen ground strap on body). - Reconnect battery ground strap.
Starter motor cranks engine normally / Starter motor still cranks engine too slow

END

Starter malfunction may be caused by the following:
- Unsatisfactory contact between starter carbon brushes and commutator
- Commutator scored or burnt and fouled

BentleyPublishers.com