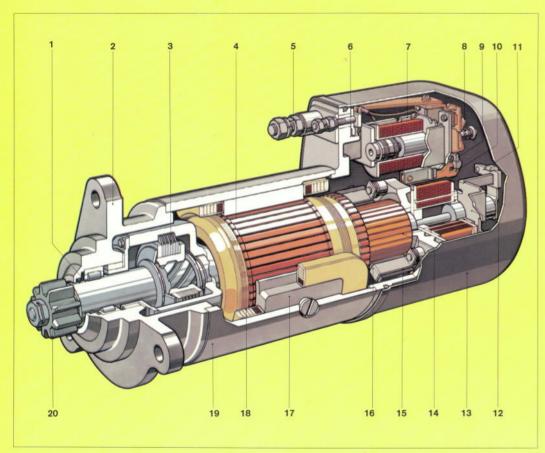
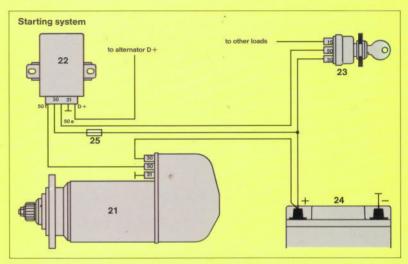
BOSCH Sliding gear starting motor type KB

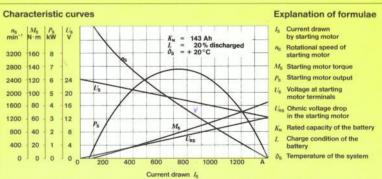


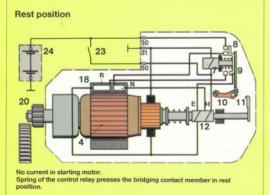
Robert Bosch GmbH © 1980 Training Publication VDT-T 1/2-4 En

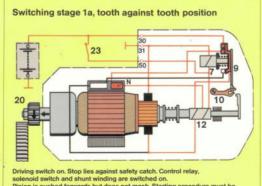


- 1 Drive spindle
- 2 Drive-end-bearing housing
- 3 Multi-plate overrunning clutch
- 4 Armature
- 5 Electrical connection
- 6 Commutator end shield
- 7 Control relay
- 8 Bridging contact member
- 9 Stop plate
- 10 Safety catch
- 11 Release lever
- 12 Solenoid switch, pull-in winding E. holding winding H
- 13 End cover
- 14 Commutator
- 15 Carbon brush
- 16 Brush holder
- 17 Pole shoe
- 18 Excitation winding. shunt winding N. series winding R
- 19 Stator frame
- 20 Pinion
- 21 Starting motor
- 22 Start-locking relay
- 23 Ignition/starting/driving
- 24 Battery
- 25 Fuse

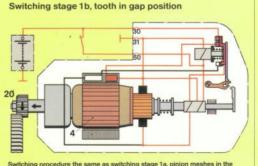




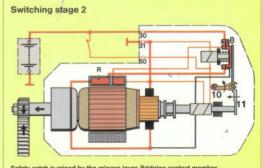




Pinion is pushed forwards but does not mesh. Starting procedure must be



Switching procedure the same as switching stage 1a, pinion meshes in the Armature turns slowly



Safety catch is raised by the release lever. Bridging contact member also switches on series winding (main current). Starting motor has full torque. Engine is cranked.