

Easy steering for the “Heavies” – Servo pumps from febi bilstein

In order to be able to manoeuvre even at low speeds without applying a great deal of force, almost every truck has electric or hydraulic power steering. It supports the driver through active reinforcement of the steering movement – a clear plus for driving comfort.

With hydraulic power steering, the force is generated by a hydraulic system filled with oil. Its components are: Torsion spring, servo-pump, oil storage tank, control valve, piston cylinder and high-pressure pipes.

As soon as the driver turns the steering wheel, a torsion spring gets turned. As a result, the paths of the control valve that determines the direction of the oil flow change. By means of the servo pump driven by the motor, the hydraulic oil is led from the oil storage tank into the piston cylinder. The resulting pressure helps the steering movement and thus simplifies manoeuvring.

If there is a defect in the servo pump, oil is not pumped into the piston cylinder: The steering becomes tangibly more difficult to manoeuvre. Common reasons for the failure of the servo-pump are dirt and residues in the circuit or a leaky pipe that results in loss of oil and dry running of the servo-pump.

When changing the servo-pump, rely on tested OE matching quality: With 38 servo-pumps in its range, febi bilstein covers more than 230 OE references and always provides you with a first-class alternative.

z.B. febi no. 100161



to fit:
Mercedes-Benz Actros IV, Antos, Arocs, Atego III, Econic, Unimog
Repl. no. 003 460 61 80

The complete range can be found at: www.trucks.febi-parts.com