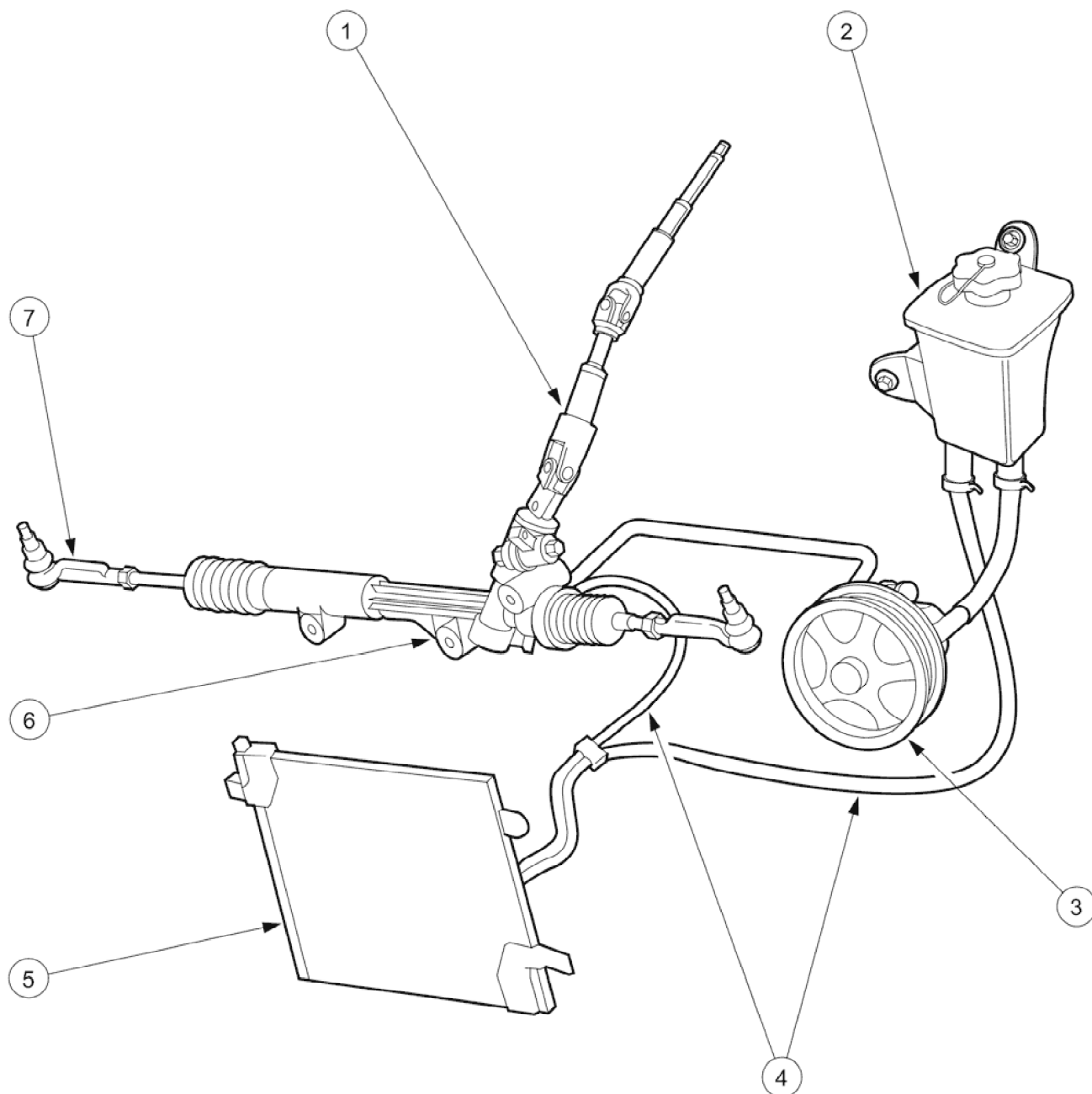


Power Steering



VUJ0000469

Item	Description
1	Lower steering column
2	Fluid reservoir
3	Power steering pump
4	Power steering hoses
5	Fluid cooler
6	Steering gear
7	Tie-rod end

The Jaguar S-Type uses a rack and pinion type, variable ratio steering gear with Variable Assist Power Steering (VAPS). The power steering pump is belt driven on all model variants and the power steering oil cooler is of a matrix type and is incorporated with the transmission oil cooler.

2000 S-TYPE - Power Steering - 211-02

A variable steering rack ratio reduces the amount of turns from lock to lock to improve parking maneuvers without losing any steering feel at higher speeds.

The steering assistance decreases smoothly at a calibrated rate to increase the steering efforts required as vehicle speed increases. The steering efforts are controlled by the actuator position, which in turn is controlled electronically by the Variable Assist Power Steering (VAPS) curve which is incorporated within the Generic Electronic Module (GEM).

Absolute cleanliness must be observed when replenishing the fluid or dismantling any part of the system. A new power steering reservoir must be fitted if the steering gear, pump or fluid cooler is to be replaced. New fluid from a sealed container must be used.