



BEST PRACTICE

Citroen Relay / Fiat Ducato / Peugeot Boxer 2.2L
22DT, 22DTPUMA, 4HM22DT, 4HU, 4HV, P22DTE

Ford Transit / Ford Transit Tourneo 2.2L

CYFA, CYFB, CYFC, CYFD, DRFA, DRFB, DRFC, DRFD, DRFE, P8FA, P8FB, PGFA, QVFA, QWFA, SRFA, SRFB

THE SYMPTOMS

In this family of engines the Power steering pump fits directly to the water pump. The power steering pump drives the water pump through a threaded (spindle) shaft. The Power Steering Pump shaft is the male part of this union (A), the water pump is the female part of this union (B). As the drive belt rotates the power steering pump pulley, the rotational movement is passed from this pulley to the shaft of the steering pump, and then in turn to the water pump shaft.

THE REASON

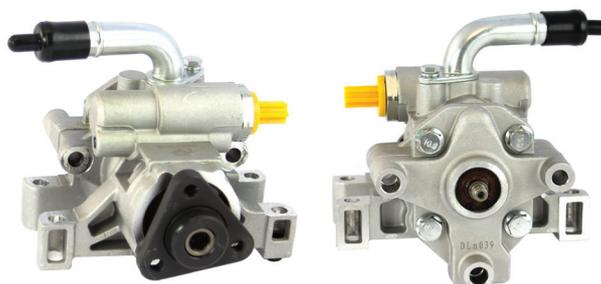
The clearance between the two pumps is critical, as the pumps wear over their lifespan, they will suffer from an increase in clearance which will increase vibration. The increased clearance will mean that system will suffer from excessive moment at critical moments, Acceleration / Deceleration, Start/Stop, causing vibration which will shorten the lifespan of the pumps. The replacement of only one of the pumps will potentially just be a short term fix.

THE SOLUTION

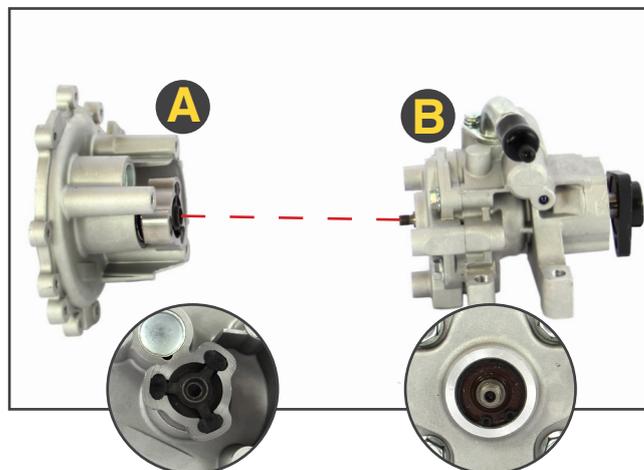
BGA strongly recommend to always replace the water pump and power steering pump together for these applications, in order to retain optimum performance.

As a leading Automotive Pump specialist BGA are able to offer our customers the complete solution. The Water Pump and Power Steering pumps are readily available from our extensive range. At BGA we always strive to promote best practice and offer our customers a one stop solution to a problem.

Power Steering Pump: PSP2330



Water Pumps: CP4414E



! BGA products are to be replaced by an experienced automotive installer. This information is to be used as reference only. Always seek manufacturer specification.