

Cooling



# Volkswagen Group

1.9 Turbo Diesel Engines

COTB 0005

## PUMP DESIGN VARIANCES

There are a number of pump design variations that may look similar but in fact have significant differences which could affect vehicle efficiency.

All the water pumps below have a 19 tooth pulley but differ in body shape and impellor design.



**BWP1933**

Rounded Body - 63mm dia, 7 vane Impellor



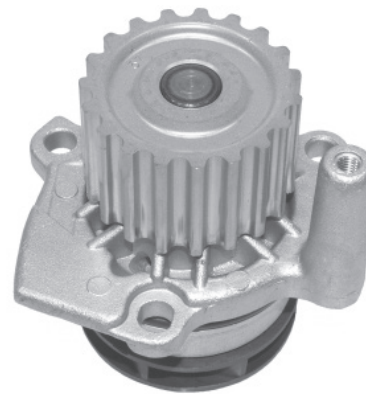
**BWP1934**

Square Body - 60mm dia, 8 vane Impellor



**BWP2005**

Square Body - 59mm dia, 8 vane Impellor



**BWP2068**

Square Body - 64mm dia, 7 vane Impellor