

# TECHNICAL SERVICE BULLETIN

## Mazda MVP Uses One of Two Different Water Pumps - V6 3.0L (1995-1996)

AIRTEX PART NUMBER(S): AW9166 & AW9394

ASC PART NUMBER(S): WP-764 & WP-9165

**CONDITION:** Installation of the incorrect water pump will make it impossible to install the fan clutch or allow the fan clutch to be tightened off center causing misalignment resulting in underhood part(s) damage.

**CAUSE:** The OE changed the fan clutch between model years where the vehicle could be equipped with either pump. The AW9166's bearing shaft pilot for the fan clutch is 17mm in diameter. AW9394's bearing shaft pilot for the fan clutch is 19 mm in diameter. The differences in diameter create the above conditions when installation is attempted using the incorrect pump.

**CORRECTION:** Double-check the water pump and fan clutch applications, paying specific attention to the production month. Also, verify that the fan clutch pilot and bearing shaft diameters match within .5 mm to be sure you are installing the correct water pump.

