Technical Service Bulletin

Cobra Motorcycle Mfg.

240 Uran Street
Hillsdale, MI 49242

(517) 437-9100 phone
(517) 437-9101 fax

TSB0205: PW3 water pump

February 10, 2005

Some 2005 PW3 motorcycles were shipped without a water pump impeller. Cobra will replace these engines free of charge if the customer pays shipping back to Cobra. Cobra will pay for regular ground shipping back to the customer.

Customers can verify the presence of a water pump by a couple of methods 1) pumping hose method, or 2) inspection.

1) Pumping hose method

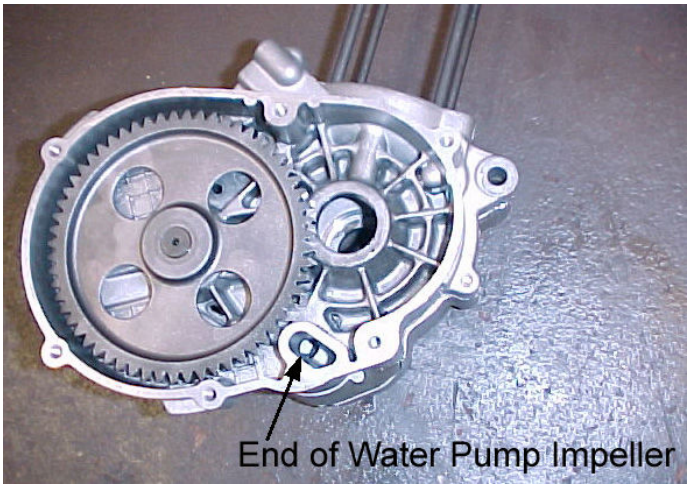
⚠ WARNING
Do not perform this operation with a warm or hot engine, as scalding coolant would expel from the hose.

NOTE:
Perform this operation in a suitable location as the bike's coolant may expel from the coolant system.

Removing the upper left radiator hose, kick starting the bike and observing the coolant flow at idle.

If the coolant shoots out the end of the hose then the bike has a water pump. If the coolant remains in the system they the bike needs a water pump.

2) Inspection

Drain the coolant and oil from the engine.

Remove the clutch cover and look into the oval shaped hole for the presence of the water pump impeller. If the impeller is in place, likely only the hex shape on the end will be visible. If the impeller is missing, no hex shape will be visible.