



Technical Bulletin



Manufacturer: Ford/Mazda

Service Plus Group: 08-06-0209

Subject: No Start 2.3L After Broken Timing Belt

Models: Ford/Mazda 2.3L OHC Engine

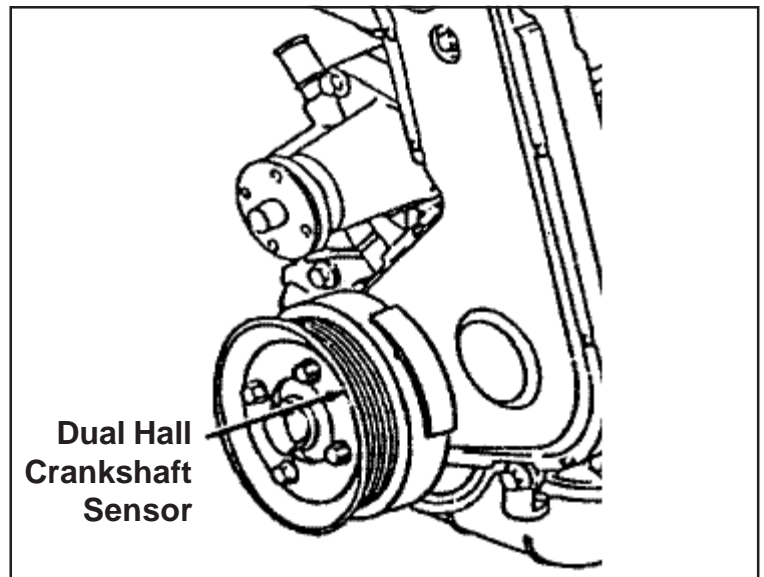
After a timing belt failure and replacement on a Ford or Mazda 2.3L OHC engine, the engine may not start. This appears to happen on vehicles equipped with a manual shift transmission, and after the timing belt has failed.

If you encounter this problem, verify that the timing marks have been aligned properly. Also, verify that the engine has not suffered any damage due to piston-to-valve interference issues by performing a compression test. If all cylinders pass the compression test and all timing marks are properly aligned, inspect the reluctor on the harmonic balancer.

Mounted on the harmonic balancer is a reluctor wheel. This reluctor is used to trigger the ignition module. It is possible that the reluctor wheel is no longer aligned properly. To check alignment, the dot on the reluctor must align with the keyway slot. If it is not, you may need to replace the harmonic balancer. It may also be possible to remove and re-align the reluctor to its proper position.



Dual Vane Actuator



Dual Hall Crankshaft Sensor