

Figure 13 The right side head gasket shows major changes that occurred between early (top) and late (bottom) 1999. Take note of the areas highlighted.

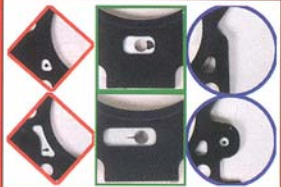


Figure 14 These are expanded corresponding views of Fig. 13 in color and shape, the upper views left to right are the early head gasket, and the lower views are from the late style head gasket.



Figure 15 Front water pump applications have a crankshaft pulley, which is threaded for a stub shaft that is also threaded for the pulley belt drive assembly and mount. Both the stub shaft and belt drive pulley are left hand thread (red circles) and require a special long deep well socket to remove the stub shaft.



Figure 16 Close-up view of exciter ring with angle teeth that is only used with front covers that have crank position sensor coming in at an angle.

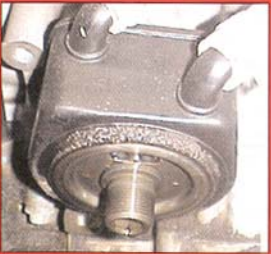


Figure 17 Engine applications with the engine oil cooler option are the same as those without. There is an oil cooler hose routing adaptor installed between the oil filter and the engine block.