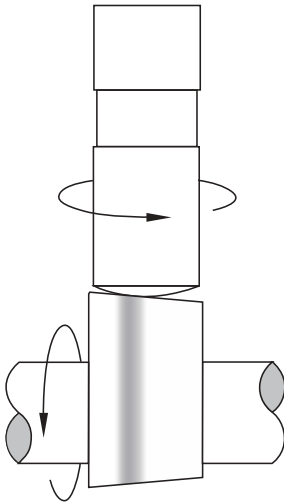


WHY MUST I INSTALL NEW LIFTERS WITH MY NEW CAMSHAFT?

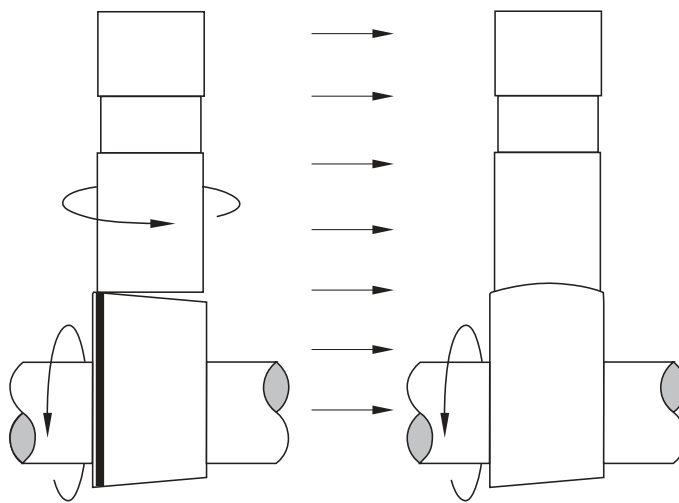
If you are installing a new flat tappet camshaft in your engine, you must install new lifters. The lifter/lobe contact area is under a tremendous amount of pressure, and the lifter and lobe must wear in together. The following illustration demonstrates why:

NEW CAM WITH NEW LIFTERS



A new lifter has a "crown." A new cam has a tapered face for lifter rotation. Note the smooth, wide contact pattern.

NEW CAM WITH USED LIFTERS



Installing a new cam with used lifters creates a concentrated contact pattern on the edge of the cam lobe...

...which eventually wears the edge of the lobe and the lifter. Soon, the cam lobe wears down and the lifter stops rotating