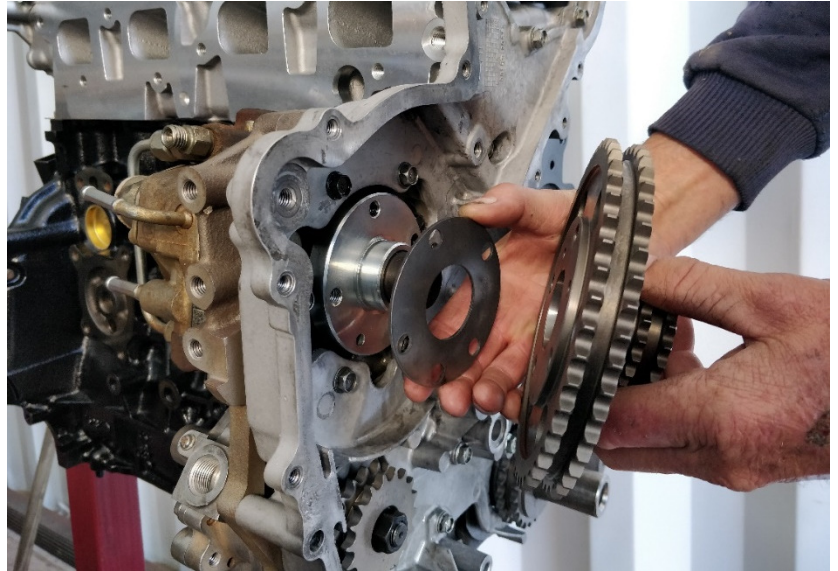


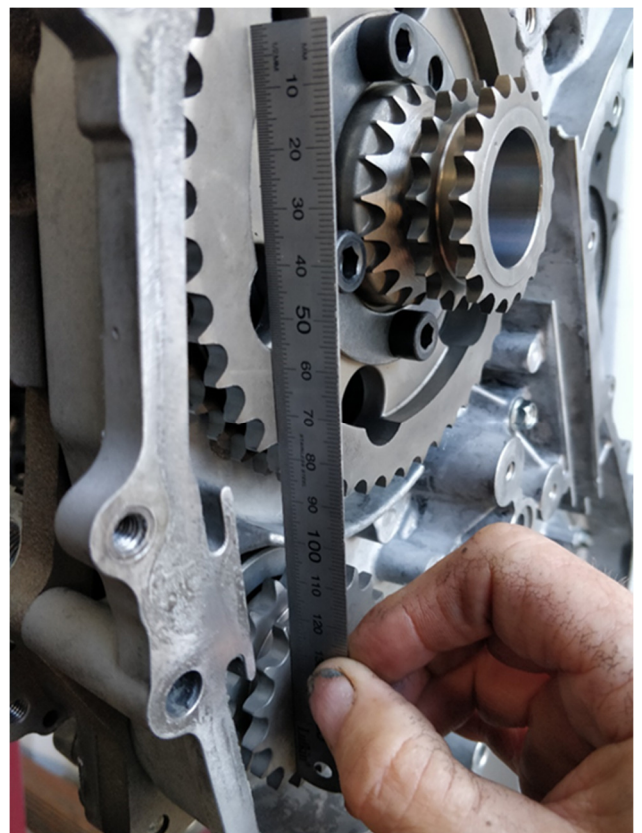
## Critical Sprocket Alignment Information

**Failure to follow these steps prematurely wears chains, guides, sprockets and tensioners and voids warranty**

Wash original vacuum pump fasteners and shaft thread with parts cleaner. Fit vacuum pump sprocket to shaft. Use black and spring washer. Apply thread locker to tube nut thread. Using an impact wrench tighten nut to 40 f lb. Ensure fuel pump shim is fitted. Fit fuel pump sprocket with washer and 4 cap screws.



Using a straight edge on the vacuum pump sprocket check the fuel pump alignment with the vacuum pump sprocket. There is end float in both pump shafts. Move in and out both pump shafts to achieve perfect alignment between both sprockets. **Only perfect alignment is acceptable.** The factory does not always fit the correct shim. Visually inspect the used fuel pump sprocket for wear marks on the edges of the teeth. If there is more wear on one side than the other an incorrect shim is fitted. Shims are .50, 1, 1.2, 1.6



**Only perfect sprocket alignment is acceptable. Need help? 0424034935**