



Technical Bulletin: X-6 gear set installation

X-6 gears must be installed in the correct orientation to prevent contact between the case and the face of the gear. See photos below for proper orientation

- Install X-6 gears with the flat side toward the large bearing (hub end of shaft) and the stepped side (small step/thrust face) toward the small bearing (away from hub end of shaft).

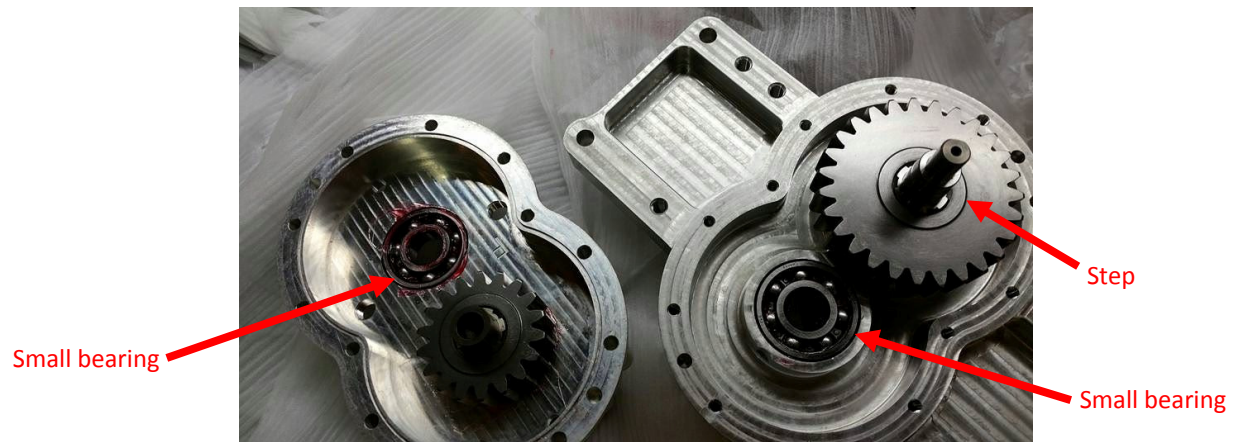


Figure 1 – correct orientation of gears relative to case/cover

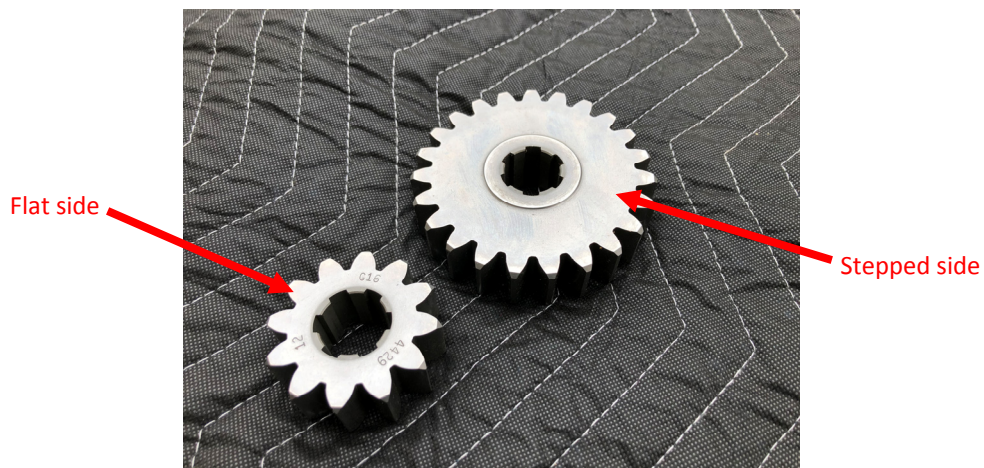


Figure 2 – view of flat and stepped sides of gears



Figure 3 – Winters performance gear set part number; 44xx is format, xx represents the actual gear set number – gear set #29 shown here

- Most applications will have the large diameter gear installed on the crank side (flat side of gear toward engine) and the small gear on the supercharger side (flat side of gear toward supercharger).

Additional information on X-6 gear sets (ratios, supercharger speeds, etc.) may be found on the MTP website here: <http://www.mtpturbo.com/qcgd/X6gearcharts.pdf>. Contact us at sales@mtpturbo.com if you need assistance determining an appropriate ratio for your X-6 gear drive application.