



TECHNICAL SERVICE BULLETIN

NO. 2006

APPLICATION

All Foreign and Domestic CV Axles using a *CROSSGROOVE* style joint.

SUBJECT

During shipping or warehousing the race/cage assembly comes off of the axle or comes apart.

CONDITION

After reassembly and installation into the transmission the axle binds or locks up.

SOLUTION

The race/cage assembly can be reinstalled on the axle shaft in either direction. In figure 1 it shows an identifiable factor that should be installed toward the outside of the joint to ensure a proper fit.

Figure 1 shows the type of axle in question. There are some applications that use this style of joint on the outboard as well as the inboard joints.

In figure 2 the housing shows a two-step face. This side should be facing to the outside of the shaft to ensure a proper connection with the transmission.

In figure 3 the race and housing must be assembled with the balls in the grooves so that the small tooth/large tooth relationship is exactly as the picture shows. This will ensure that the Crossgroove joint plunges without locking up.



Figure 1

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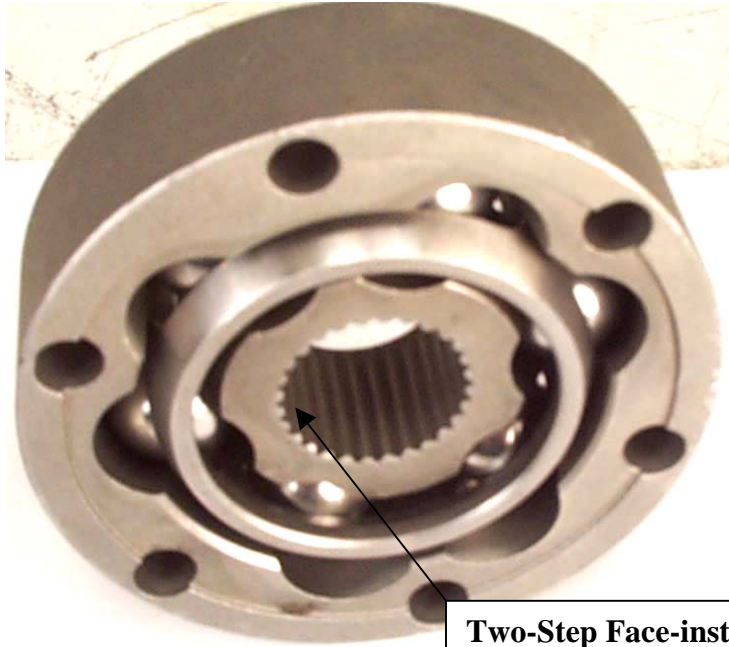


Figure 2

Two-Step Face-install toward transmission

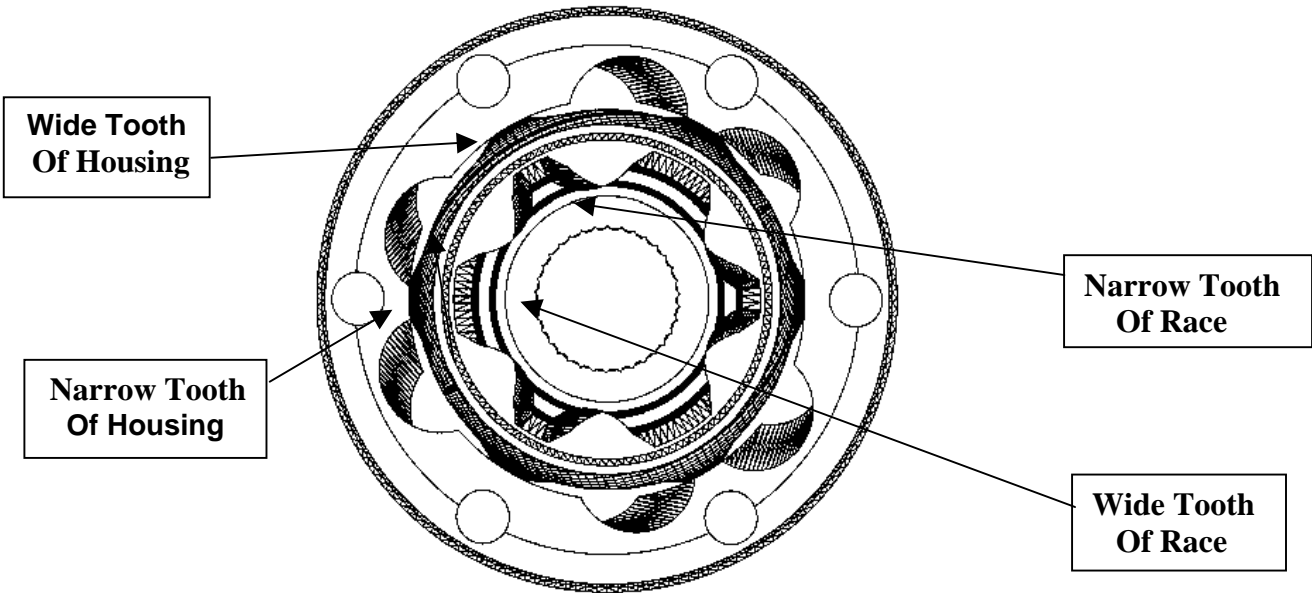


Figure 3

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