



Technical Service Information

MERCEDES 722.6 **K3 HUB AND REAR SUN GEAR ASSEMBLY DIFFICULTIES**

COMPLAINT: After a rebuild using a new K3 Clutch Hub, insufficient clearance occurs preventing the installation of the rear snap ring which holds the entire clutch assembly in place on the output shaft.

CAUSE: The new design K3 Clutch Hub and Rear Sun Gear have a flat spacer and ball bearing pressed into the hub assembly which replaces the previous design open face needle bearing and washer design (See Figure 1). In many cases, a brand new K3 clutch hub did not have the bearing fully pressed into the hub up against that flat spacer. This prevents the hub from being positioned correctly causing the insufficient clearance for the final retaining snap ring (Figure 2).

CORRECTION: Fully seat the bearing into the K3 Hub Assembly.

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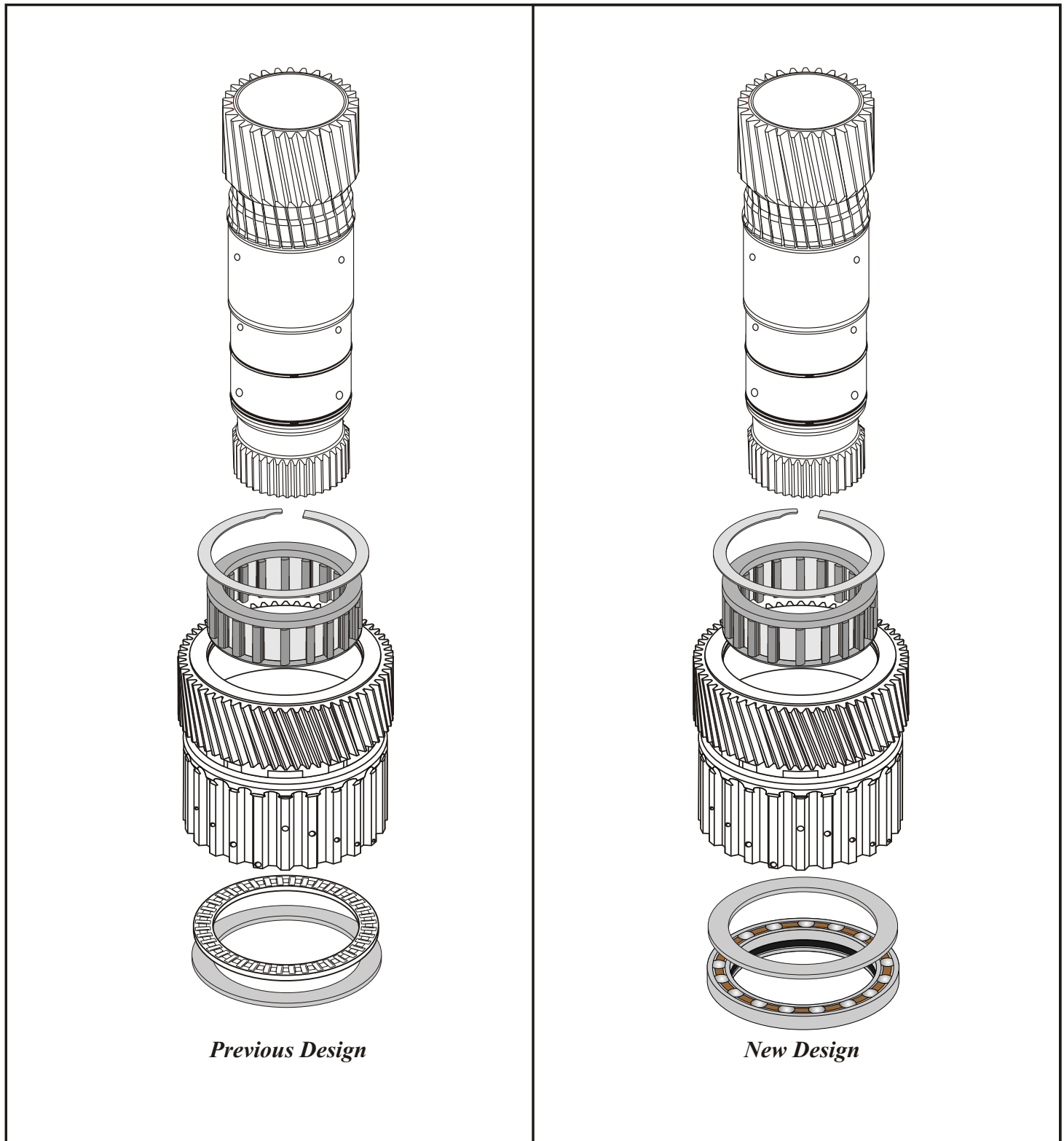


Figure 1

MERCEDES 722.6 K3 HUB AND REAR SUN GEAR ASSEMBLY DIFFICULTIES

K3 Clutch and Gear Set Assembly

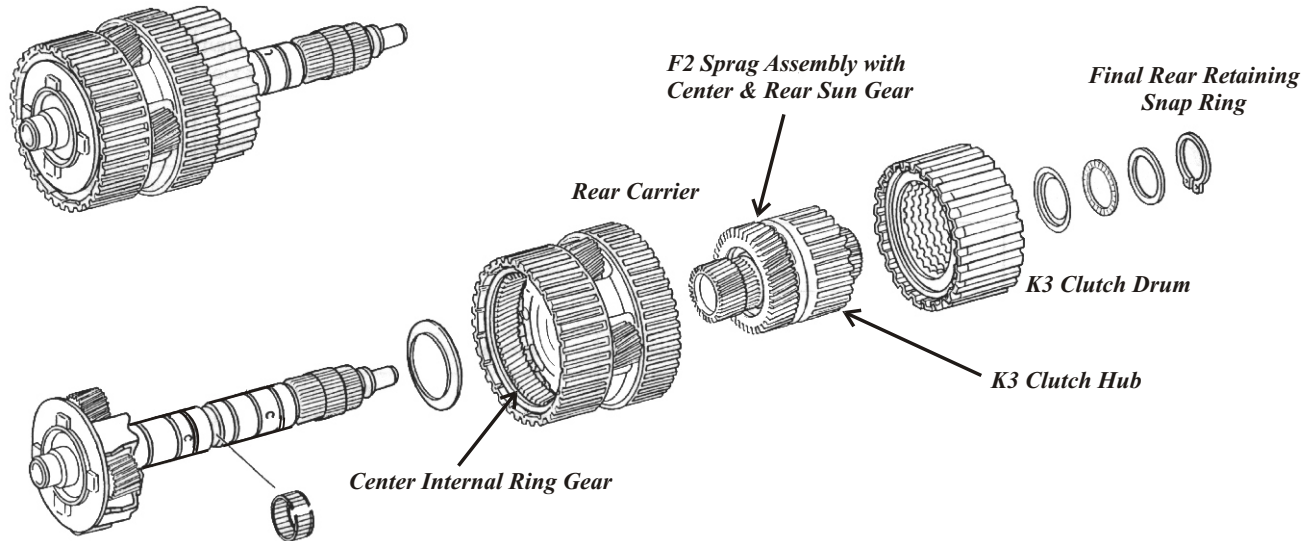


Figure 2