

# PARTS & SERVICE NEWS

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**SUBJECT:** IMPROVED FRONT WHEEL HUB

**PURPOSE:** Introduce to the field a new and improved front wheel hub.

**APPLICATION:** Komatsu Mechanical Drive Dump Trucks:  
530M: AFP49-A thru Y, A30001 thru A30038;  
HD1500-5: A30039 thru A30059

**FAILURE CODE:** 2A81Z9

**DESCRIPTION:** New Front Wheel Hub (EJ9605)

Some trucks in the field that operate under extreme conditions and heavy loads may experience front hub damage near the outer race of the inner bearing. Damage may come in the form of inner bearing failures or hub cracking. Oil leakage in the inner hub and front brake assembly can indicate such problems have occurred.

New hub (EJ9605) has been developed to replace previous hubs (EJ9580 & EJ9612). The new hub is manufactured from stronger material and visible changes to the shape of the hub have been made. The hub contains more material near the inner bearing housing as well as a machined groove for the installation of bearing spacer (884-06-38144). These modifications contribute to a stronger, more reliable wheel hub.

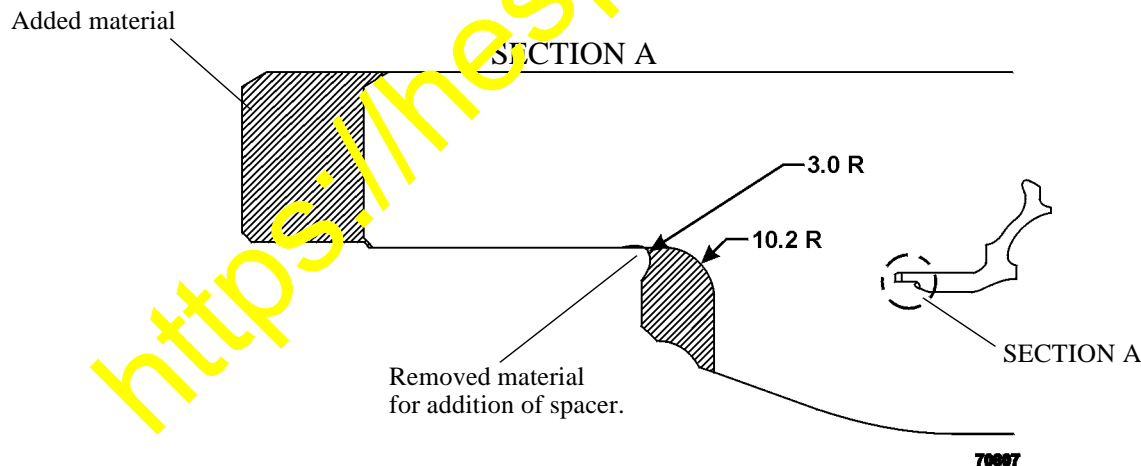
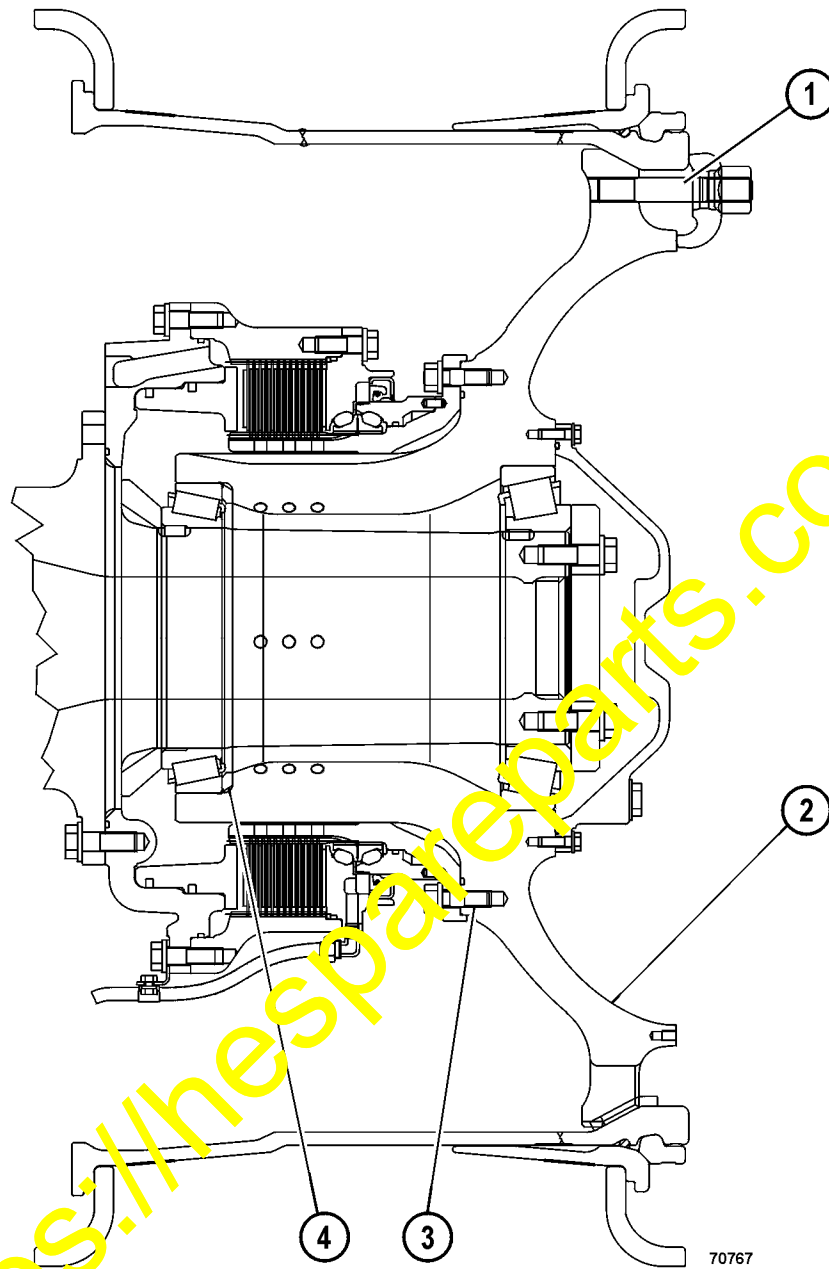


FIGURE 1. CHANGES TO WHEEL HUB

The new wheel hubs do not come with studs installed. Studs (1 & 3, Figure 2) must be transferred from the existing hubs or new studs purchased. Part numbers for the studs are listed in Figure 2.



- 1. Wheel Stud (562-22-32910)
- 2. Front Hub (EJ9605)
- 3. Stud (01144-82050)
- 4. Spacer (884-06-38144)

FIGURE 2. WHEEL ASSEMBLY (NEW HUB)