

# PARTS & SERVICE NEWS

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**SUBJECT:** CHAFING OF TIRE AIR VALVE EXTENSION

**PURPOSE:** To introduce a kit for installing tire air valve extension clamps for prevention of chafing.

**APPLICATION:** Komatsu Mechanical Drive Dump Trucks:  
530M: A30001 thru A30038, 32628;  
HD1500-5: A30039 thru A30071, A30077

**FAILURE CODE:** 3A32MV

**DESCRIPTION:** Tire Hose Clamp Kit (EK8717)

During normal truck operation, clearances between the tire air valve extension and the drain fitting on the brake housing at the inner rear wheels may become too small due to mud and dirt accumulation. As a result, chafing of the extension hose on the drain fitting may occur as the wheel revolves. If repeated contact between the extension hose and the drain fitting occurs, this may eventually lead to hose failure.

Increasing the nominal clearance between these components can be accomplished by the addition of a seat (1) and vinyl clamp (5, Figure 1). The purpose of the clamp is to hold valve extension (2) close to the inner surface of rim base (4), preventing any chafing on drain fitting (3). Tire Hose Clamp Kit (EK8717) contains seats that are to be welded to each applicable rim base allowing a clamp to be installed on the extension hose. The complete contents of the kit are listed in Table 1. The kit contains a drawing that illustrates seat installation location and welding specifications.

Remove the wheels from the truck before installing the kit. The tires may remain on the rim during installation, but extreme caution must be used to avoid damaging the tire and O-ring. Refer to the appropriate shop manual for proper procedure when working with tires and rims.

**TABLE 1. TIRE HOSE CLAMP KIT (EK8717)**

Part Number	Description	Quantity
EK8716	Drawing, Tire Hose Clamp Kit	1
01010-81016	Bolt	6
01571-01016	Seat	6
01643-31032	Washer	6
WA4649	Clamp, Vinyl	6

*NOTE: Although only two rim bases per truck are required to have the seat added, enough parts are included in the kit for the modification of six rims.*

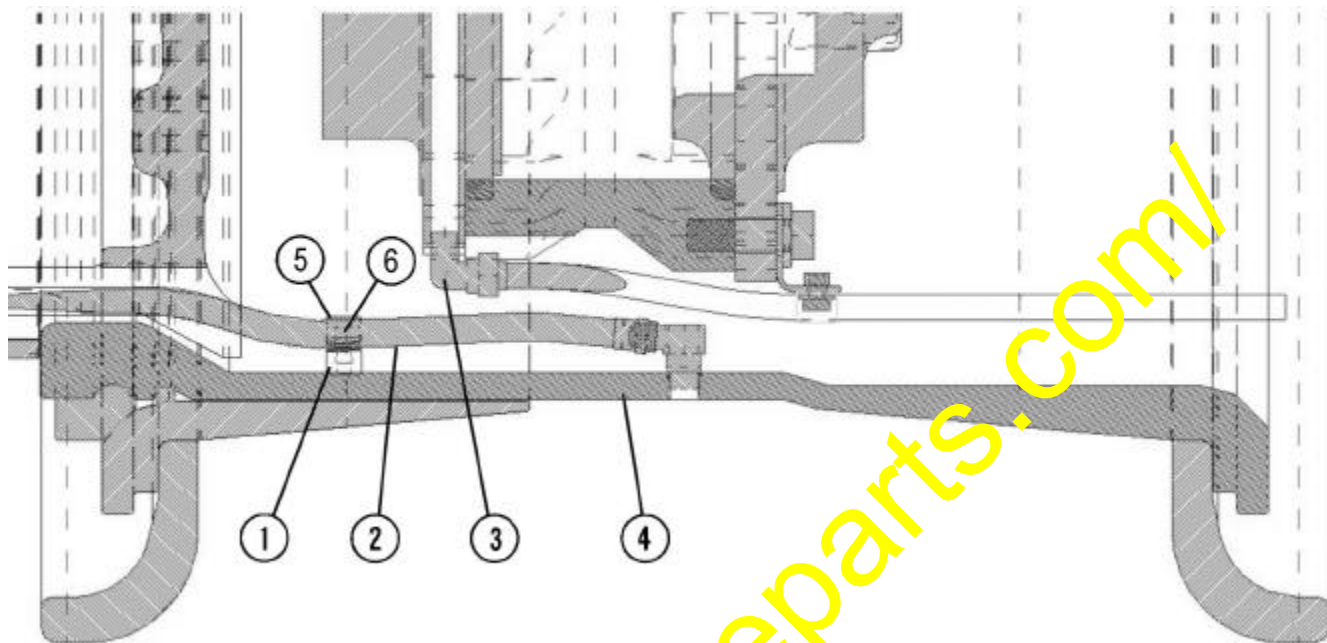


FIGURE 1. TIRE AIR VALVE EXTENSION CLAMPING

- |                                  |                 |
|----------------------------------|-----------------|
| 1. Seat                          | 4. Rim Base     |
| 2. Tire Air Valve Extension      | 5. Vinyl Clamp  |
| 3. Drain Fitting (Brake Housing) | 6. Bolt, Washer |