

PARTS & SERVICE NEWS

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SUBJECT: NEW BRAKE WEAR SENSOR RODS AND WEAR TOOLS

PURPOSE: Inform the field of more accurate wear indicator devices for front and rear brakes.

APPLICATION: Komatsu Mechanical Drive Dump Trucks:
530M: AFP49-A thru Y, A30001 thru A30038;
HD1500-5: A30039 thru A30065

FAILURE CODE: 2E40PC

DESCRIPTION:

Each brake assembly on the specified dump trucks is equipped with wear sensors for indicating when brake discs need to be replaced. In addition, brake disc wear tools are available to obtain measurements and track brake wear over time. It has been discovered that both of these wear tracking devices alert maintenance personnel prematurely, when in fact, the brakes are still good.

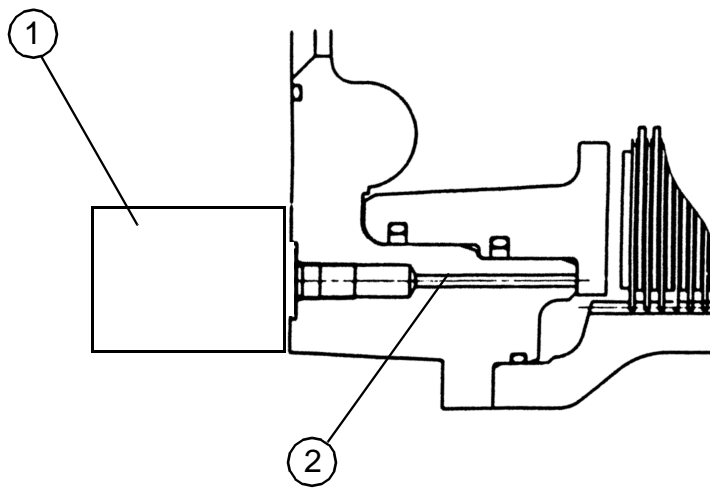
New wear sensor rods and brake disc wear tools have been developed to give a more accurate indication of when brake assemblies need servicing. The greater accuracy saves unnecessary brake replacement and truck down time. The new components are listed in the table below along with the previous part numbers.

Previous Part Numbers	Description	New Part Numbers	New Rod Length
562-98-31300	Brake Disc Wear Tool Gage	562-98-31301	--
EF9495	Rod, Front Brake Wear Sensor	EJ0249	82.10 ± 0.10 mm
EF9496	Rod, Rear Brake Wear Sensor	EJ0248	74.50 ± 0.10 mm

▲ IMPORTANT ▲

The new rods for the wear sensor may be inadvertently interchanged, and therefore, care must be used during installation. Measurements of both new rods are listed in Table 1. Measure each rod during installation to ensure proper assembly. Refer to Figure 1 for an illustration of the wear sensor and rod assembly.

Brake disc wear tool gages are easily identified. The previous tools were stamped with 530M while the new tools are stamped with HD1500.



1. Wear Sensor 2. Wear Sensor Rod

FIGURE 1. BRAKE WEAR SENSOR

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