

PARTS & SERVICE NEWS

REF NO.

AA02080

DATE

March 07, 2002

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SUBJECT: TRANSMISSION FAULT CODES DUE TO POOR ELECTRICAL CONTACT

PURPOSE: To inform the field of a kit to help eliminate transmission fault codes due to poor electrical contact.

APPLICATION: Komatsu Mechanical Drive Dump Trucks:
530M: AFP49-A thru Y, A30001 thru A30038
HD1500-5: A30039 thru A30046

FAILURE CODE: D513BN

DESCRIPTION:

Some trucks in the field may experience poor transmission operation along with the occurrence of various transmission fault codes. Many times this can be attributed to poor electrical contact in transmission harness connectors. The most common fault is the intermittent shifting of the transmission to Neutral and a "b021" fault code (Lock Up Clutch Failure).

A kit has been developed to help prevent these faults from occurring due to poor electrical contact. Dielectric Grease Kit (XK0115) contains a 3 ounce (87 cc) tube of dielectric grease along with a drawing that contains instructions for the application of the grease. The complete contents of the kit are listed in the table below.

Dielectric Grease Kit (XK0115)		
Part Number	Description	Quantity
EK1380	Cable Rework Drawing	1
PC1294	Dielectric Grease (3 oz.)	1

HD1500 trucks, serial numbers A30048 & Up, have been assembled at the factory with dielectric grease applied to the affected harness connectors. The kit is not necessary for these trucks.