

PARTS & SERVICE NEWS

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SUBJECT: REPLACING THE POWER RELAY THAT SEPARATES CRANKING BATTERIES FROM SYSTEM BATTERIES

PURPOSE: To introduce kit MK4215 to the field for replacement of the battery separating relay with a diode assembly.

APPLICATION: Komatsu 930E Dump Trucks AFE48-A & Up, A30019 & Up

FAILURE CODE: D110Z9

DESCRIPTION:

Some trucks may experience failures with the power relay (either PF9716 or PC0374) that is housed within the equalizer box. These failures are due to moisture ingress and poor electrical contact. A product improvement kit (MK4215) has been developed to eliminate these problems. The kit contains a diode assembly that is to be installed in place of the relay, therefore, replacing a mechanical component with a more reliable electronic component.

The MK4215 kit contains all parts and instructions to complete the installation of the diode assembly in place of the relay.

WARNING

Use care when working near batteries and battery components. Refer to *Section "D", 24VDC Electrics*, in the appropriate shop manuals for instructions and precautions while performing maintenance on electrical systems.