

PARTS & SERVICE NEWS

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SUBJECT: CRACKING AT FRONT OF POWER MODULE FRAME DUE TO RADIATOR MOVEMENT

PURPOSE: Introduce to the field Radiator Stabilization Kit (MK4055).

APPLICATION: Komatsu 930E Dump Trucks AFE48-A thru BM; A30019, A30026 thru A30163

FAILURE CODE: 034GZ9

DESCRIPTION:

Some 930E trucks in operation have experienced cracking in the front area of the power module frame. This cracking of the frame is caused by swaying of the radiator assembly.

Radiator Stabilization Kit (MK4055) has been developed to limit the movement of the radiator, and therefore, prevent power module frame cracking.

Previously, two power module frame reinforcement kits have been released for modules frames that have cracked due to this problem. Kit (MK3961) was established for trucks that are equipped with MTU 396 engines, and kit (MK3963) for trucks equipped with MTU/DDC 4000 engines. These two kits are applicable for trucks up to serial number A30082. For serial numbers A30083 and up, a redesigned module frame was used, and therefore, the module reinforcement kits are not necessary. Radiator stabilization kit (MK4055) is applicable for all trucks up to serial number A30163. Trucks A30164 and up, have been built with these improvements added at the factory.

Inspect and repair any cracks found in the affected areas. Follow all welding procedures outlined in *Parts and Service News*, "FIELD WELDING FOR ASSEMBLY OR REPAIR", (AA00046B).

After crack repairs have been completed, install the radiator stabilization kit. The kit contains a drawing with instructions for assembly.