

PARTS & SERVICE NEWS

REF NO.	AA02087
DATE	March 18, 2002

SUBJECT: INTRODUCTION OF 530M DIFFERENTIAL UPGRADE KIT

PURPOSE: Introduce to the field a kit for increasing differential strength and durability on certain 530M Dump Trucks.

APPLICATION: Komatsu 530M Dump Trucks A30001 thru A30031

FAILURE CODE: 2100Z9

DESCRIPTION: Differential Upgrade Kit (AK4555)

Some trucks in the field that operate in rough conditions and encounter high rolling resistance may benefit from installing Differential Upgrade Kit (AK4555). The kit includes a new pinion and bevel gear set, as well as a new differential case assembly. Four holes have been added to the bevel gear for the installation of dowel pins. The dowel pins, in addition to the 24 mounting bolts, provide greater resistance to shearing of components than the previous arrangement.

Refer to the table below for a complete listing of parts included in the kit.

530M Differential Upgrade Kit (AK4555)		
Part Number	Description	Quantity
01010-61645	Bolt	1
01010-62770	Bolt	24
01643-31645	Washer	1
01643-32780	Washer	24
562-22-00063	Gear Set	1
562-22-00071	Differential Case Assy.	1
568-22-11280	Pin, Dowel	4

NOTE: 530M trucks, unit A30032 and up, and all HD1500-5 trucks contain the newer style differential assembly, and therefore, the kit is not necessary.