

PARTS & SERVICE NEWS

REF NO.	AA97143
DATE	September 2, 1997

SUBJECT: New Camfollower Pin Material

PURPOSE: To introduce a new material for the camfollower pin

APPLICATION: L10 and M11 Engines (See Parts & Service News AA97079 for chassis applications)

DESCRIPTION:

Introduction:

This Parts & Service News introduces a new material for the camfollower pin which has been released for production and service on L10 and M11 engines. **The Engine Serial Number first is 34842235.**

The physical dimensions of the pin have **not** changed. The trough design feature of the pin, implemented in early in 1996, is still present.

A letter "M" is stamped on the end of the new pins used in assemblies to identify them and make them distinguishable from the old pins (See Figure 1).

A lower case "m" is stamped on the end of loose pins to identify them and make them distinguishable from the old pins.

The end of the old pins was stamped with the letter "T" on both loose pins and those used in assemblies.

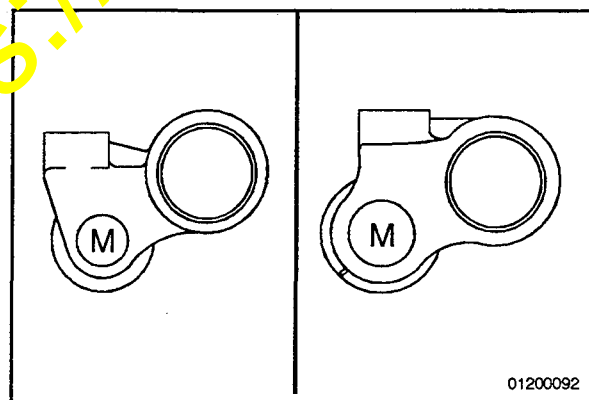


Figure 1
New Valve Camfollower (left),
New Injector Camfollower (right)

The new pin material significantly reduces pin wear under severe conditions such as “start and stop” operations. Camshaft gulling is usually attributed to camfollower pin wear.

Warranty repairs should be made using complete assemblies whenever possible.

Individual pins are **only** available through new parts sources and can be used to repair engines that are no longer in the warranty period.

KOMATSU OLD P/N	KOMATSU NEW P/N	DESCRIPTION
1296 284 H93	1296 284 H94	M11 Valve camfollower assembly
1304 963 H92	1304 963 H93	M11 Injector camfollower assembly
1296 284 H93	1296 284 H94	91 L10 Valve camfollower assembly
1310 744 H91	1310 592 H91	91 L10 Injector camfollower assembly
1246 166 H93	1310 660 H91	88 L10 Valve camfollower assembly
1310 745 H91	1310 746 H91	88 L10 Injector camfollower assembly
1310 122 H1	1310 661 H1	M11 Valve camfollower assembly
1310 179 H1	1310 673 H1	M11 Injector camfollower assembly
1310 122 H1	1310 661 H1	91 L10 Valve camfollower pin
1246 171 H2	1310 595 H1	91 L10 Injector camfollower pin
1310 122 H1	1310 661 H1	88 L10 Valve camfollower pin
1246 171 H2	1310 595 H1	88 L10 Injector camfollower pin

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