

# PARTS & SERVICE NEWS

REF NO. AA99136A

DATE April 20, 2000

(C)

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This **PARTS & SERVICE NEWS** supercedes AA99136 dated August 24, 1999 and should be discarded.

**SUBJECT:** CAMSHAFT AND FOLLOWER ROLLERS

**PURPOSE:** To announce the new camshafts and camshaft follower assemblies that have been released for N14STC engine

**APPLICATION:** TD15E Crawler Dozer S/N U00702 and up  
WA500-1LE Wheel Loaders, S/N A10400 and up  
WA500-3L Wheel Loaders, S/N A70001 and up

**FAILURE CODE:** A43099

**DESCRIPTION:**

The injector lobes on the new camshaft and the injector follower rollers in the new camshaft follower assemblies have a non-micro-finished surface finish. Non-micro-finished injector cam locks and cam follower rollers have proven to be more durable than micro-finished lobes and rollers on N14STC engines.

To achieve the durability improvement, non-micro-finished camshafts *must* be used with non-micro-finished cam follower rollers. Using non-micro-finished cam follower rollers with a micro-finished cam will **not** yield a durability improvement; using micro-finished rollers on a non-micro-finished camshaft will **not** yield a durability improvement.

Production changed to the non-micro-finished camshafts and non-micro-finished cam follower rollers starting on April 28, 1999 with engine serial number first 11948647.

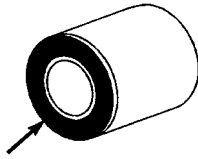
The new camshaft 1313 220 H91, supercedes the old P/N 1307 426 H1. The new cam follower roller, P/N 1313 109 H2, supercedes the old non-micro-finished roller, P/N1313 19 H1

The following table summarizes the N14 STC non-micro-finished camshaft and cam follower roller information

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<b>PART DESCRIPTION</b>	<b>NEW PART NUMBER</b>	<b>OLD PART NUMBER</b>
Camshaft (Service Kit)	1313 220 H91	1307 426 H1
Cam Follower Roller	1313 109 H2	1313 109 H1
Cam Follower Lever Assembly	1313 111 H92	1313 111 H91
Cam Follower Housing Assembly	1313 107 H92	1313 107 H91

Non-micro-finished cam follower rollers are identified by a dark coating on the outer edge of the roller. The graphic below illustrates the roller for identification.



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