

PARTS & SERVICE NEWS

REF NO.	AA02007
DATE	January 2, 2002

SUBJECT: REPLACE FAN BELT TENSIONER

PURPOSE: To Improve Reliability And Durability

APPLICATION: TD25G Crawler Dozer Serial Number U002000 thru U002197
WA600-1L Wheel Loader Serial Number A10003 thru A10448

FAILURE CODE: A000Z9

DESCRIPTION:

The K19 engine uses either a shock absorber or turnbuckle to control fan belt tension. If the turnbuckle fan tensioner is used, replace it with the more reliable enclosed-spring belt tensioner. This new tensioner is similar to that used on the QSK19 engine, but the two are NOT interchangeable.



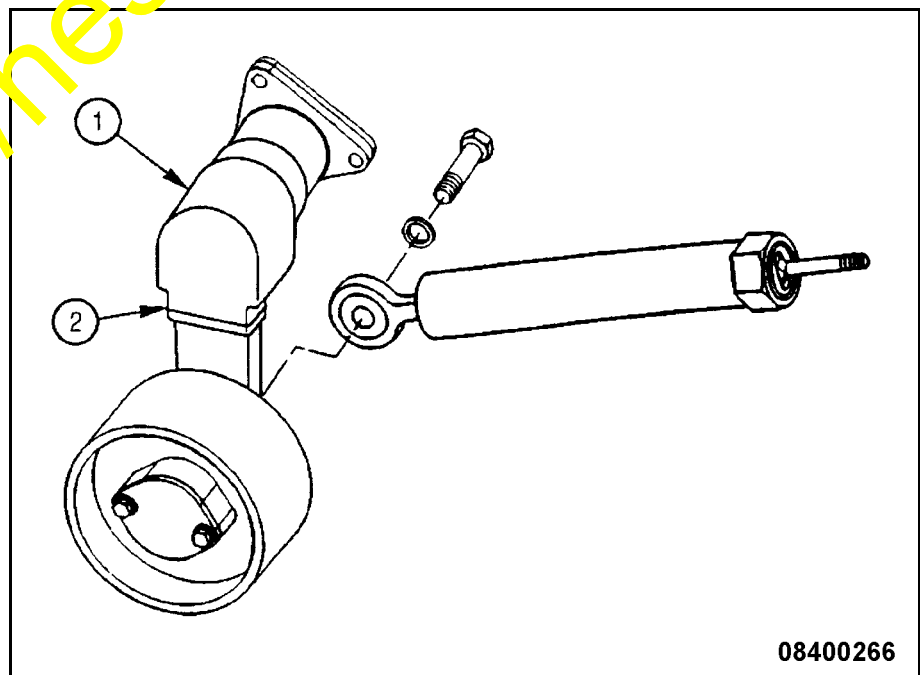
WARNING! If the new tensioner is used on a rebuilt engine or used with a modified fan assembly, check that clearance exists between the idler pulley and the engine fan or engine damage results.



WARNING! The new fan belt tensioner pivot shaft uses Teflon™ bushings. Thus, grease fittings are not used. Greasing these bushings causes premature bushing failure.

The new enclosed-spring belt tensioner is illustrated below.

1. Seal, dust
2. Tie, wire



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K19 ENGINE BELT TENSIONER KIT

PART NUMBER	QUANTITY	DESCRIPTION
1316 648 H91	1	Kit
1237 996 H1	3	Bolt
6216-84-6220	1	Bolt
1307 754 H1	3	Bolt
1307 756 H1	1	Washer
6216-64-4410	1	Washer
1267 715 H1	3	Washer
1307 758 H1	3	Washer
6216-64-4370	1	Belt, tensioner
1307 794 H1	1	Bracket, belt tensioner
1239 902 H1	3	Nut
1316 649 H91	1	Lever, idler
1315 166 H1	1	Seal, dust
6216-64-4420	2	Tie, wire