

# Tech Tip

FROM YOUR FRIENDS AT  
NEW YORK BUS SALES!



## Cummins 2007 & 2010 Engines

- Complaint –** The engine belt is “squealing” and may be “frayed”
- Cause –** Mis-Alignment or belt slip due to the tensioner.....PLEASE NOTE – You should first call to verify the proper belt is being used!
- Correction –** Attached you will see a “Technical Service Bulletin” which refers to an updated tensioner – If changed it is recommended that the belt be changed also!



**NEW YORK BUS SALES**

*Contact Our Service Department With Any Questions*

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ALL of our Tech Tips can be found on the New York Bus Sales website at

<http://www.newyorkbussales.com/pages/bulletins.cfm>

Or at the New York Head Mechanic website at

<http://www.nyhma.org/viewforum.php?f=2&start=0>

Technical Service Bulletin Number	Revision Level	Date	Group Number
TSB100975			



## Technical Service Bulletin

### Subject

ISB CM2150 and CM2250 Automatic Belt Tensioner Product Improvement

### Warranty Statement

The information in this document has no effect on present warranty coverage or repair practices, nor does it authorize TRP or Campaign actions.

### Contents

This document announces a product improvement for ISB CM2150 and CM2250 automatic belt tensioners. The product improvements address drive system misalignment and issues created by excessive belt slip. The new automatic belt tensioners feature tighter tolerance retention throughout the life of the belt tensioner, as well as increased spring rate to aid in belt slip issues.

Typical symptoms of automatic belt tensioner issues include excessive drive system noise, thrown and/or shredded belts, and belt fraying. Troubleshooting drive belt noise, fraying, and jumping has generally resulted in replacement of the automatic belt tensioner, with little or no improvement in system functionality. Published troubleshooting steps **must** be followed to properly diagnose belt drive system issues.

Table 1 lists the part number supersession for belt tensioners on each engine platform.

Table 1, Part Number Supersession and Affected Options

Engine Platform	Old Part Number	New Part Number	Affected Options
ISB CM2150	4937433	5264111	WP9520
ISB CM2250	4929688	5270678	WP97173 and EH97553

### Document History

Date	Details
2010-7-21	Module Created

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