

# Technical Service Information



**TSI-04-12-05**

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**Date:** March, 2004

**Subject File:** ENGINE

**Subject:** Clutch Damper Interference with Flywheel Bolts on Caterpillar 3406E, C-15, C-16 Engines

Model: 9200i  
Start Date: 04/01/2003

Model: 9400i  
Start Date: 04/01/2003

Model: 9900i  
Start Date: 04/01/2003

## DESCRIPTION

### NOTICE

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Date: October 31, 2003

TMIB-0140

## Bulletin Type: Service

## Topic: Interference between the Clutch Damper and Flywheel Bolts on Caterpillar Engines

### Issue/Background:

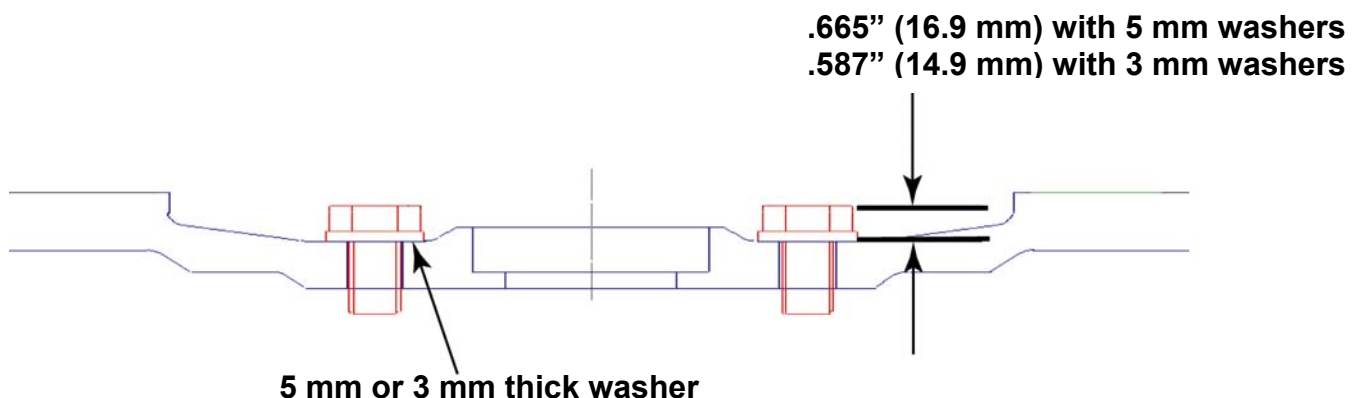
Caterpillar 3406E, C-15, C-16 built or serviced with the VCTplus clutch damper, introduced in April 2003, have the possibility of the clutch damper interfering with the flywheel mounting bolts.

This applies to the following clutch part numbers:

108009-32Y, 108925-20, 108925-25, 108926-20Y, 108926-25Y, 109701-20, 109701-25, 109705-20Y, 109705-25Y & 109706-32Y.

### Correction/Action:

Any repair that has required the transmission to be removed from the truck and the engine serial number is 5EK1 and up, 6TS1 and up, 1LW1 and up, 2WS1 and up, 6NZ1- 92122, 7CZ1 – 04382, MBN1 – 21447, BXS1 – 00984, 5DS1 and up, or 1MM1 and up, you must verify the 5mm washer has been replaced with the 3mm washer, Caterpillar part number 8D-5054. Failure to replace the washers could result in damper rivet interference. Torque the bolts to 270 Nm +/- 40Nm (200lb. ft. +/- 30 lb. ft.) and apply paint to bolt heads for completion identification.



**Warranty Strategy:**

No coverage for pro-active repairs. However, if repaired in conjunction with any repair that has required the transmission to be removed from the truck, coverage will be granted for the 8D-5054 washers, 1 hr labor and adjusted per the following terms,

- i) Within original OEM or Service clutch warranty = 100% Parts & Labor
- ii) 2<sup>nd</sup> year from DIS = 50% Parts & Labor
- iii) 3<sup>rd</sup> year from DIS = 50% Parts only
- iv) 4<sup>th</sup> year and beyond = no coverage
- v) No coverage for pro-active repairs (must be "fix as fail").

If outside of original OEM or Service clutch warranty file direct to Eaton Corporation.