

## SERVICE BULLETIN

### Design Change of the Idler Gear Case and Idler Gear Bolt

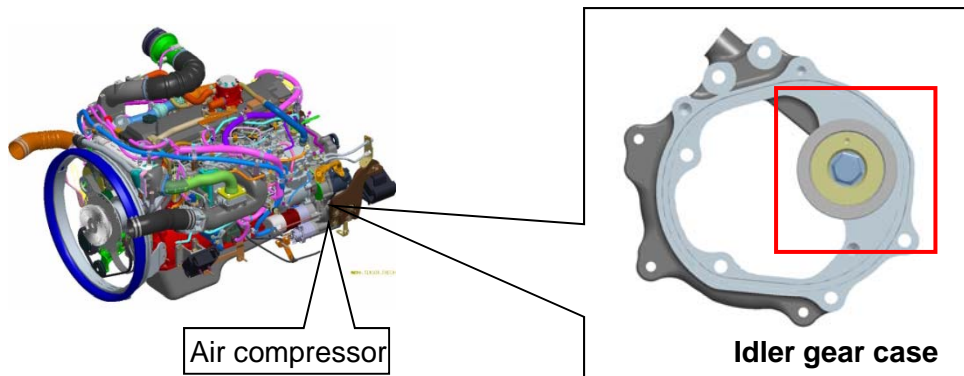
Subject models: NA6J, NB6J, NC6J, NE8J, NJ8J and NV8J  
 Subject engines: J08E-VC, VB (EPA10), J05D-TF, J08E-TV/TW, J05D-TA/TB

**CONDITION:**

Abnormal load such as a stuck supply pump was applied to gear train then causing the bolt to loosen. Therefore, an enhancement to the case and bolt were carried out.

**DESIGN CHANGE:**

The idler gear case and bolt were changed to increase the robustness for the abnormal load. The details are as follows.



Contents	Original	Enhancement
<b>Idler Gear Case</b> Cross section of red square are as above		
Bolt class	10T	11T
Bolt length	50mm	58mm
Tightening torque	108Nm	155Nm

**Parts number of the enhancement**

J08E-VC,VB (11-13MY)	J05D-TF, J08E-TV/TW (08-10MY)	J05D-TA/TB (05 -07MY)
Bolt: SZ91024489	Bolt: SZ91024489	Bolt: SZ91024489
Case: 13607E0052	Case: 13607E0011	Case: 13607E0021

**Production implementation**

From 28th September 2012  
 - J08EVC-21977  
 - J08EVB-15625