

SERVICE INFORMATION LETTER

Subject: Nut PN 63-347WE having damaged or flawed threads

1. Planning

a. Effectivity

Wencor P/N	NHA P/N	NHA Description	ATA	Aircraft Application
63-347WE	3-1479 3-1479-X 3-1533-1 3-1540	Main Wheel Assembly	32-40-39 32-40-42 32-45-02	B767-400ER B747-400 B747-400F B777-200 B777-300

b. Reason:

A single Wencor customer reported that a small quantity (six) of Nuts was found to have damaged or flawed internal threads that prevented complete installation.

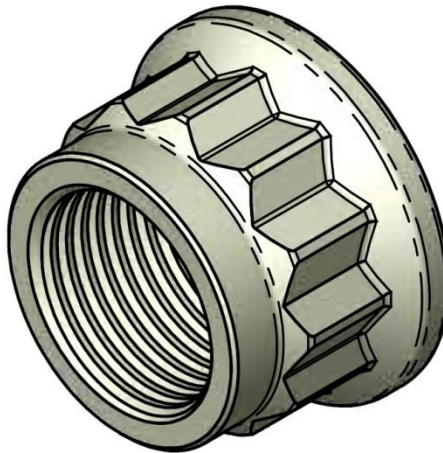


Figure 1, ISO View of Nut

c. Background

The purpose of the subject Nut is to hold the two wheel halves together as shown in Figure 2 below. There are 18 Nuts, Bolts and Washers that are used together for this purpose.

During the installation process, the Nuts with the flawed internal threads were discovered. The flawed threads prevented the Nuts from fully installing onto the Bolts.

d. Safety

The flawed threads were caused from an excess build up of Cadmium plating during the manufacturing process. The excess plating prevented the full installation of the Nut, therefore the Wheel assembly could not be assembled until the Nut was replaced. Because the excess plating prevented installation, there is no in-service safety problem resulting from this issue.

2. Recommendations

Visually examine all Nuts that have not yet been installed for flawed internal threads or threads that appear to have an excessive build-up of CAD plating.

An alternate method to verify proper threads is to install the Nut onto the mating bolt. The Nut should freely turn onto the bolt until the locking feature is contacted, which is approximately 5 full turns.

Return all Nuts that have flawed threads per section 4 of this SIL.

3. Compliance

There is no time requirement for this SIL.

4. Material

Wencor Nuts that require replacement as a result of this Service Information Letter will be covered free of charge under the Wencor material warranty. If there are any questions regarding this Service Information Letter, please contact the applicable Wencor sales representative by calling 801-489-2000 or email: sales@wencor.com. For technical questions please contact Jon Bies at jbies@wencor.com.

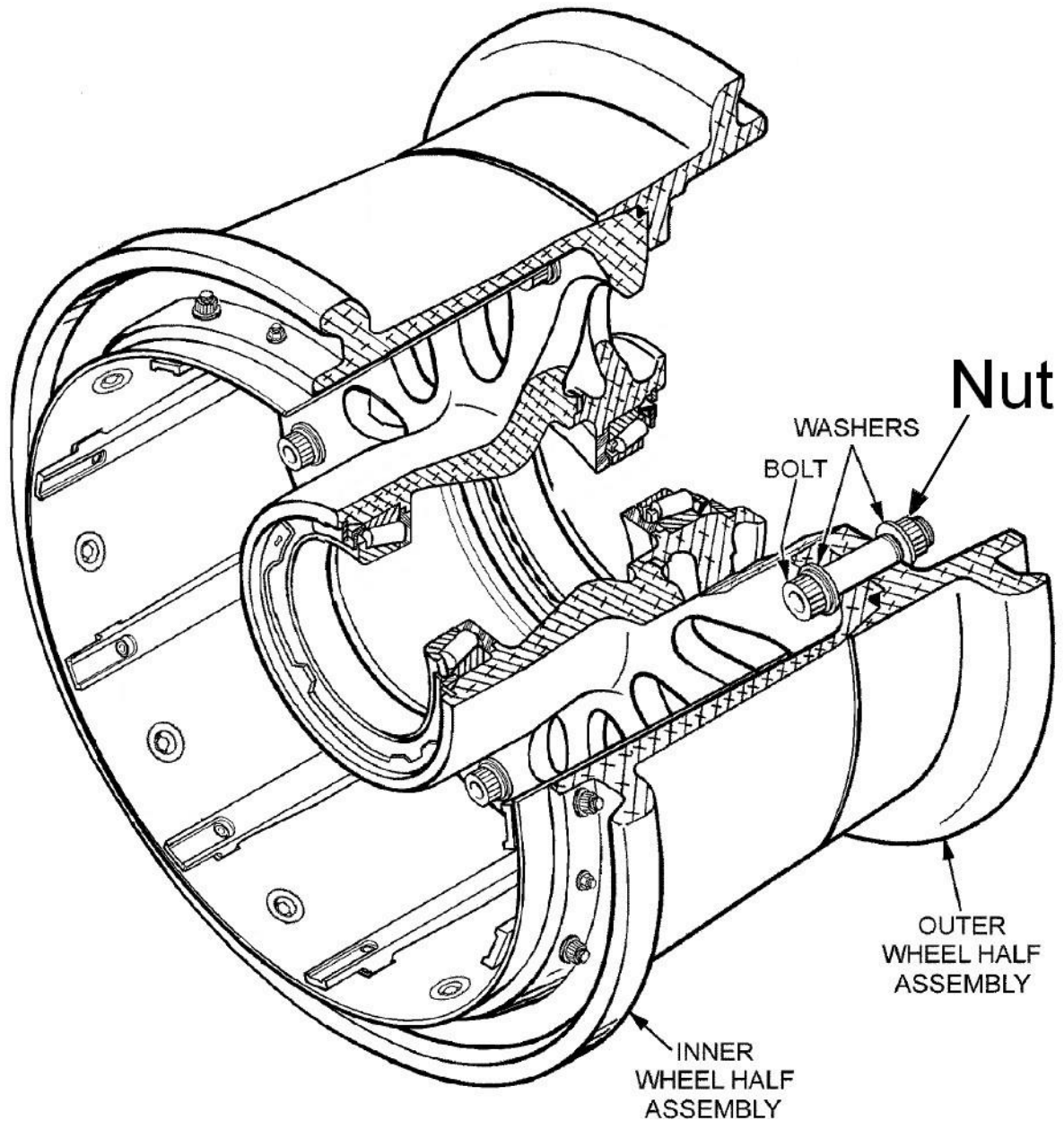


Figure 2, Installed Nut