

T-814 ALERT SERVICE BULLETIN

Subject:	Removal of EXTEX Tie Rods and Stub Shaft Inspection
Part Number(s):	E3019371
Engine Application(s):	Pratt and Whitney Canada PT6T-3, -3B, -3BE, -3BF, -3BG, -3D, -3DE, -3DF, -6; PT6A-6, -6A, -6B, -11, -11AG, -15AG, -20, -20A, -20B, -21, -25, -25A, -25C, -27, -28, -34, -34AG, -34B, -35, -36, -110, -112, -114, -114A, -121, -135, -135A
Revision History:	IR - Initial Release.

REASON:

EXTEX has identified a lot of E3019371 Tie Rods in which the under-head chamfer was machined around the perimeter of the "D" head. This creates a stress concentration at the tie rod and stub shaft interface and may reduce the pre load needed to achieve the prescribed stretch. This condition may also cause loss of pre-load of the tie rods and accelerated wear.

This condition has prompted EXTEX to recommend removal of specific tie rods.



WARNING

Loss of pre-load of the tie rods may result in compressor rub, vibration or damage and a possible In Flight Shutdown, creating a risk of property damage, serious injuries or fatality.

DESCRIPTION:

This alert service bulletin provides instructions for removal of specific EXTEX tie rods and inspection of the stub shaft.

APPLICABILITY:

Applicable lot numbers are:

Part Number	Lot Number
E3019371	D64988

EXTEX has contacted all engine shops that installed this lot. For additional assistance please contact EXTEX Customer Support. Lot D64988 can be identified as follows:



ACCOMPLISHMENT INSTRUCTIONS:

Remove the listed applicable tie rods from service in accordance with the applicable TCH (Type Certificate Holder) maintenance manual as soon as possible.

Remove and inspect the stub shaft in accordance with the TCH maintenance manual.

Install FAA-approved tie rods in accordance with the applicable TCH maintenance manual.

Record compliance with this alert service bulletin in the applicable section of the engine log book. The entry should include the part number, lot number and a reference to SB #T-814.

Contact EXTEX Engineered Products customer service and obtain a RMA number, then return the affected tie rods to EXTEX.