

T-071 Installation Data

C47 2nd Stage Turbine Nozzle Assembly

Engine Application(s): 250-C30R/3 and C47B, C47M

Subject: Installation Procedure for un-cut E23053330 2nd Stage Turbine Nozzle blade paths for installation into C30R/3 and C47 Series engines.

Compliance: The E23053330 nozzle is manufactured with .010" machining stock remaining on the 1st and 2nd turbine wheel blade path diameters. This allows the overhaul facility to custom machine the nozzle for specific turbine wheels to optimize performance.

Before installation of the nozzle assembly, machine the blade paths, per approved procedures, to allow the desired radial blade tip clearances. Custom sizing of the blade path diameters is permissible to maintain OEM tip clearance.

Use manual vibropeen, obliterate old part number and mark as "E23064622".

Notes: Refer to OEM's published data for inspection, engine operation and disassembly.

Revisions:

NC	Dated: 5/01/02
A	Dated: 8/25/09 Updated from EXTEX to TIMKEN.
B	Dated: 2/05/16 Updated from Timken to EXTEX Engineered Products.