

## Product Repair Bulletin

P/N 379548/698193/966569/966571

### Second Stage Impeller

NHA: GTCP85 Series APU



### OEM Manual Repairs

#### **Repairs for OEM Manual 49-21-73:**

Clean/dimensional inspect (includes curvic coupling).

Flourescent penetrant inspect.

Blend/straighten blades to repair minor damage (surfaces G and H)

Restore diameter B/C/D and surface F/S.

(includes Tungsten Carbide Coating of diameter B)

Shot peen impeller surfaces.

Balance impeller.

Weld repair curvic coupling.

Fabricate/install new curvic coupling.

*Converts 379548-50 to 966571-1 and converts 698193-2/4 to 966569-1.*

Weld/grind damaged blades.

*Converts 379548-50 to 966571-1 and converts 698193-2/4 to 966569-1.*

Grind curvic coupling.

#### **Repairs for Service Bulletins:**

Weld/grind damaged blades per SB GTCP85-49-5882.

*Converts 379548-50/966571-1 to 966569-2 or 698193-4 to 966569-2.*

## Product Repair Bulletin

P/N 379548/698193/966569/966571

Second Stage Impeller

