

# Cleveland

Wheels & Brakes

## Parker Hannifin Corporation

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# SERVICE BULLETIN

## CONVERTING 3080C PIPER AZTEC WHEEL ASSEMBLIES TO 3080D (FORGED DISC) CONFIGURATION

**\*NOTE:** Disregard (item number 5 conversion) if Model Number 3080D is stamped on the nameplate that is attached to the outer wheel half or if an additional nameplate is attached to Model Number 3080B or Model Number 3080C wheel assemblies with information that the wheel has been converted to Model 3080D.

**PURPOSE:** This procedure will outline the steps for converting 3080C Piper Aztec wheel assemblies to current production Model 3080D (forged disc) configuration.

**SCOPE:** Conversion kit number 199-04100 will convert one (1) wheel. Each kit will contain the following parts:

<u>Quantity</u>	<u>Part Number</u>	<u>Description</u>
1	161-05000	Inner Wheel Half Assembly
1	166-07000	Decal

**PROCEDURE:** The primary part numbers referred to in this procedure are Cleveland Wheels & Brakes part numbers; the secondary numbers (example: 751 470) are taken from Piper Aircraft Corporation parts catalog for the PA-23 Aztec.

### A. Removal

1. Block brake pedal in retracted position to prevent brake pedal movement during conversion.
2. Remove four (4) through bolts 103-12400 (751 470) and washers 095-10200 (407 585), to remove back plate assemblies 074-00600 (755 840) from each brake assembly 37-200A (551 709).
3. Remove wheel assembly 3080C (551 756) from axle.

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## B. Conversion

1. Deflate tire before splitting wheel. With the tire sufficiently deflated, remove six (6) wheel bolts 103-10200 (400 004).
2. Turn the wheel assembly over so that the brake disc is facing upward. Carefully break the bead away from the inner wheel half.
3. Remove the inner wheel half assembly 161-03900 (756 615) and replace it with inner wheel half assembly 161-05000 (756 630).
4. Turn wheel over and install six (6) wheel bolts 103-10200 (400 004) and torque to 90 in-lbs.
- \*5. Install 166-07000 nameplate adjacent to the nameplate on the outer wheel half that bears the wheel model number.

## C. Installation

1. Install wheel assembly 3080D on axle.
2. Install four (4) through bolts 103-12400 (751 470) and washers 095-10200 (407 585) through brake cylinders to fasten back plate assemblies. Torque to 90 in-lbs.