

# Cleveland

Wheels & Brakes

## Parker Hannifin Corporation

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# SERVICE BULLETIN

**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 199-01500 will convert one (1) wheel. Each kit will contain the following parts:

<u>Quantity</u>	<u>Part Number</u>	<u>Description</u>
1	164-03206	Brake Disc
1	166-06100	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.

### B. Conversion

1. Remove nut 094-10300 (404-888), washer 095-10400 (407-565) and bolt 103-10100 (400-002) from inner wheel half assembly 161-03900 (756-615).
2. Remove brake disc assembly 164-03200 (754-567) from inner wheel half assembly.
3. Install new brake disc assembly 164-03206 into inner wheel half assembly aligning holes in brake disc assembly with holes in inner wheel half.
4. Install bolt 103-10100 (400-002), washer 094-10400 (407-565), and nut 094-10300 (404-888). Torque to 90 in-lbs.
5. Apply nameplate 166-06100 to outer wheel half 3081A (753-156).

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## 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.