

Parker Hannifin Corporation

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SERVICE BULLETIN

UPGRADE OF 30-204 BRAKE ASSEMBLY TO 30-204A CONFIGURATION

- EFFECTIVITY:** All Parker Hannifin P/N 30-204 Brake Assemblies.
- APPLICABILITY:** All Beechcraft Model 1900, 1900C and 1900D aircraft equipped with Parker 30-204 Brake Assemblies per Parker conversion kit 199-184 (STC 1789GL).
- REASON:** Product improvement - To improve the service life of the existing 30-204 Brake Assemblies used on the Beechcraft Models 1900, 1900C and 1900D aircraft.
- DESCRIPTION:** This document provides the necessary instructions and hardware requirements to upgrade the 30-204 Brake Assembly to the 30-204A configuration. Replacement parts can be procured from Parker Hannifin as a Kit, part number SB7041-1 Service Bulletin Kit, 30-204 Brake Assembly, Upgrade. The 30-204A brake utilizes two 159-05900 brake discs to provide better service life than the 30-204 brake which utilizes two 159-04000 brake discs. An aircraft must use either four 30-204A brake assemblies or four 30-204 brake assemblies. A mixed shipset is not permissible.
- COMPLIANCE:** Recommended - at the time of overhaul.
- APPROVAL:** The design contents of this service bulletin are FAA DER approved.
- WEIGHT & BALANCE:** No change.
- PUBLICATIONS:** 30-204A information to be incorporated into the Parker Product Catalog at next revision. 30-204A Maintenance Manuals to be available through Parker Hannifin Customer Service Department.
- MATERIALS:** Kit list P/N SB7041-1, Service Bulletin Kit, Upgrade of 30-204 Brake to 30-204A Configuration.

Note: Each kit will convert four brakes on one aircraft to the 30-204A configuration.

<u>Parker Part Number</u>	<u>Description</u>	<u>Quantity</u>
159-05900	Brake Disc	8
SB7041	Service Bulletin (This Document)	1
CM 30-204A	30-204A Component Maintenance Manual	1
IM199-220	199-220 Installation Manual	1
50-152	Wheel and Brake Kit Installation Drawing	1
SA1789GL	Supplemental Type Certificate	1

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Note: The 30-204 Brake Assembly & 40-273 or 40-273A Wheel Assembly must be removed from the aircraft per the aircraft Maintenance Manual before the following instructions can be completed.

INSTRUCTIONS:

1. The following components must be removed from each existing 30-204 Brake Assembly and discarded:

Parker			
<u>Part Number</u>	<u>Description</u>		<u>Quantity</u>
159-04000	Brake Disc		2

2. Reassemble the brake assembly with parts listed in kit list SB7041-1 above per Component Maintenance Manual CM30-204A, Rev. A.
3. Reidentify brake assembly by stamping the letter "A" on brake housing after the assembly number 30-204, and by lightly hand pressing the letter "A" on the 166-01600 nameplate after the assembly number 30-204, using a character stamp, stylus, or ball point pen.
4. Test brake assembly 30-204A per "Testing" section of Component Maintenance Manual CM30-204A, Rev. A.
5. Reinstall the new 30-204A Brake Assembly and 40-273 or 40-273A Wheel Assembly back onto the aircraft per the 199-220 Installation Manual.
6. Make appropriate log book entries regarding compliance to this bulletin.
7. Return aircraft to service.