

Cleveland

Wheels & Brakes

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SERVICE BULLETIN

UPGRADE OF 30-208 BRAKE ASSEMBLY TO 30-208A CONFIGURATION

EFFECTIVITY: All Parker Hannifin P/N 30-208 Brake Assemblies.

APPLICABILITY: All Bell Helicopter Model 230 Rotorcraft equipped with Parker 30-208 Brake Assemblies.

REASON: Product improvement - To improve the service life of the existing 30-208 Brake Assemblies used on the Bell Helicopter Model 230 Rotorcraft.

DESCRIPTION: This document provides the necessary instructions and hardware requirements to upgrade the 30-208 Brake Assembly to the 30-208A configuration. Replacement parts can be procured from Parker Hannifin as a Kit, part number SB7039-1 Service Bulletin Kit, 30-208 Brake Assembly, upgrade.

COMPLIANCE: Mandatory.

APPROVAL: The contents of this Service Bulletin are FAA approved.

WEIGHT & BALANCE: +1.5 lbs. per shipset.

PUBLICATIONS: 30-208A information to be incorporated into the Parker Product Catalog at next revision. 30-208A Maintenance Manuals to be available through Parker Hannifin Customer Service Department.

MATERIALS: Kit list for P/N SB7039-1, Service Bulletin Kit, Upgrade of 30-208 Brake to 30-208A Configuration.

Note: Each kit will convert two brakes on 1 helicopter to the 30-208A configuration.

Parker		
<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
159-06200	Brake Disc	2
066-12901	Lining Segment Ass'y.	4
088-01201	Insulator	6
SB7039	Service Bulletin (This Document)	1
30-208A	30-208A Assembly Drawing, Rev. N/C	1
40-276	40-276 Wheel Assembly Drawing, Rev. D	1
	30-208A Overhaul Manual	1
	40-276 Overhaul Manual, Rev. 1	1

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NOTE: The 30-208 Brake Assembly & 40-276 Wheel Assembly must be removed from the aircraft per the Helicopter Maintenance Manual before the following instructions can be completed.

INSTRUCTIONS::

1. The following components must be removed from each existing 30-208 Brake Assembly and discarded:

Parker <u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
159-04600	Brake Disc	1
066-12900	Lining Segment Ass'y	2
088-01200	Insulator	3

2. Re-assemble the brake assembly with parts listed in kit list SB7039-1 above per assembly drawing 30-208A, Rev. N/C.
3. Re-identify brake assembly by stamping the letter "A" on raised pad of brake housing after the assembly #30-208.
4. Test brake assembly 30-208A per "Testing" section of 30-208A Overhaul Manual.
5. Remove and discard the three (3) retaining clips, P/N 139-28800 from each of the 40-276 Wheel Assemblies.
6. Reinstall the new 30-208A Brake Assembly and updated 40-276 Wheel Assembly back onto the aircraft per the Helicopter Maintenance Manual.
7. Revise weight and balance data and make appropriate log book entries regarding compliance to this bulletin.
8. Return helicopter to service.