



Parker Hannifin Corporation
Aircraft Wheel & Brake
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PRODUCT REFERENCE MEMO

PARKING BRAKE VALVE RELEASE PROCEDURE

1. PLANNING INFORMATION

A. APPLICABILITY

Aircraft using the following Parker Hannifin products: All Parking Brake Valve assemblies identified by the P/N prefix "060-".

B. REASON

Parking brake valve assemblies in the field are not releasing above a 1,000 psig hydraulic pressure application.

C. DESCRIPTION

To provide proper operational instruction to actuate the park brake valve for release of brake pressure and to prevent possible damage to the camshaft.

D. COMPLIANCE

Recommended.

E. APPROVAL

Not applicable.

F. MANPOWER

Not applicable.

G. TOOLING

Not applicable.

H. WEIGHT AND BALANCE

Not applicable.

I. REFERENCES

Not applicable.

J. OTHER PUBLICATIONS AFFECTED

None.

Initial Rel. 09-01-2017

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2. ACCOMPLISHMENT INSTRUCTIONS

A. HOW TO RELEASE BRAKE PRESSURE

CAUTION: FAILURE TO PERFORM STEP (1) CAN RESULT IN UNNECESSARY WEAR AND DAMAGE TO THE INTERNAL COMPONENTS. THIS DAMAGE CAN CAUSE PARKING BRAKE VALVES TO NOT RELEASE PRESSURE.

- (1) Apply full brake pressure with brake pedals to balance the hydraulic pressure.
- (2) Maintain brake pressure and move the lever of the parking brake valve assembly to release pressure in the brakes.
- (3) Release brake pressure from the brake pedals and move aircraft as desired.

3. MATERIAL INFORMATION

A. MATERIAL-REQUIREMENTS

Not applicable.

B. LIST OF COMPONENTS

Not applicable.

C. PARTS DISPOSITION

Not applicable.

4. SUPPORT

Contact technical support for additional assistance:

Parker Hannifin Corporation
Aircraft Wheel & Brake Division
Technical Service Hotline: 1-800-BRAKING
Customer Support Fax: 440-937-5409
E-mail: clevelandwbhelp@parker.com