

NORCO INC.

8301 Imperial Dr.
Waco, Texas 76712

SERVICE BULLETIN

NO. A6201-71-1

POWER PLANT - CORE COWLING - HOLD OPEN ROD
CLOCKING OF UNIVERSAL JOINT TO TELESCOPING
TUBE LOCKING LATCH

I PLANNING INFORMATION

A. Effectivity

(1) Component Affected

This Service Bulletin affects hold open rods NORCO Part No. A6201-2 (Per Boeing Specification Part No. S314T220-14) that are in service installed on Boeing manufactured aircraft.

(2) Spares Affected

This Service Bulletin affects those Part No. A6201-2 units that are in airline spares.

B. Reason

The incorporation of this Service Bulletin will prevent interference and chafing of the locking latch handle with other parts when the hold open rod is installed in the stow position.

C. Description

This Service Bulletin provides detailed instructions required for all users to rework Norco part number A6201-2 to the A6201-3 configuration (Boeing specification part number S314T220-14 to -17 respectively). The rework is clocking the universal joint to the telescoping tube locking latch to insure that the locking latch handle will be positioned in the forward direction when hold open rod is installed, and in the stow position to prevent interference and chafing with other parts.

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D. Approval

This Service Bulletin has been reviewed by the Federal Aviation Administration (FAA). The repair and modifications herein comply with the applicable Federal Aviation Regulations (FARs) and are approved by FAA and The Boeing Company.

E. Manpower

| | |
|---|-----------------|
| Required to remove Strut Assembly from Aircraft | .5 hrs. |
| Replace locking device | .5 hrs. |
| Replace Strut Assembly in Aircraft | .5 hrs. |
| TOTAL | 1.5 hrs. |

F. Material Cost and Availability

The parts identified in Section III, A. may be obtained from NORCO, INC. as follows:

| <u>Part No.</u> | <u>Description</u> | <u>Availability</u> | <u>Price</u> |
|-----------------|------------------------------|---------------------|--------------|
| RW6201-2 | Rework Kit, Hold Open Rod | 7 - 15 Days | \$25.00 |

The purchase order should specify this Service Bulletin number.

DIRECT PURCHASE ORDER TO:

MarathonNorco Aerospace, Inc,
8301 Imperial Dr.
Waco, Texas 76712
254-776-0650 Main Line
254-776-6558 Fax

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G. Tooling - Cost and Availability

Not applicable.

H. Weight

The effect of this service bulletin on weight and balance is negligible.

I. Other Publications Affected

Component Maintenance Manual No. 71-10-40 for Hold Open Rod, Part No. A6201-2 to be changed accordingly.

II. ACCOMPLISHMENT INSTRUCTIONS

- A. Cut safety wire on rod end lock washer, part number NAS513-6, as shown in Figure 1.
- B. Loosen jam nut in nut retaining device and unscrew universal assembly from end of Strut Assembly.
- C. Discard rod end lock washer, part number NAS 513-6.
- D. Place new rod end lock washer, part number NAS1193K6C, on keyed shaft of universal as shown in Figure 2.
- E. Screw universal assembly into end of Strut Assembly. Keys on rod end lock washer should engage the slots of the end plug in the Strut Assembly. Tab on the inside diameter of the rod end lock washer should engage the keyway of the universal assembly.
- F. Adjust the orientation of the universal keyway so that it is rotated 90 degrees from the push direction of the lock release on the outer tube, as shown in Figure 2. Tighten the jam nut in the nut retaining device.

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- G. Check that the length of the Strut Assembly is $27.50 \pm .06$ inches extended and locked under compressive load. The length should be measured from the center of the universal pivot to the center of the coupler opening. If necessary, readjust the length by repositioning the universal assembly.
- H. Safety wire the rod end lock washer to the nut retaining device with MS20995C32 safety wire.
- I. Clean area immediately following NORCO P/N A6201-2 by rubbing with wiper dampened with Aliphatic Naphtha, TT-N-95, or equivalent, until soil is removed. Do not allow solvent to evaporate. Avoid removing pretreatment or finish coating. After soil is removed, wipe the area dry with a clean dry wiper. Using rubber stamp letter size 1/8" to 3/16" and Alcosol or F-100 stamp pad ink, or equivalent, apply the letter "M" immediately following the dash number "-2". Clean stamp with naphtha, or equivalent, as required, for mark legibility and sharpness. Allow ink to dry at least ten minutes and overcoat with Bostik 683-3-2 or 683-3-9 or equivalent.

III MATERIAL INFORMATION

A. Parts Required Per Hold Open Rod

A rework kit is available, part number RW6201-2 which contains the following parts required to rework each hold open rod, part number A6201-2.

| <u>Item No.</u> | <u>P/N's Provided</u> | <u>Quantity</u> | <u>Keyword</u> |
|-----------------|-----------------------|-----------------|----------------|
| 1 | NAS1193K6C | 1 | Lock |
| 2 | MS20995C32 | 1 | Wire |

B. Parts Required to Modify Spares

(If applicable) Same parts as items III, A. above.

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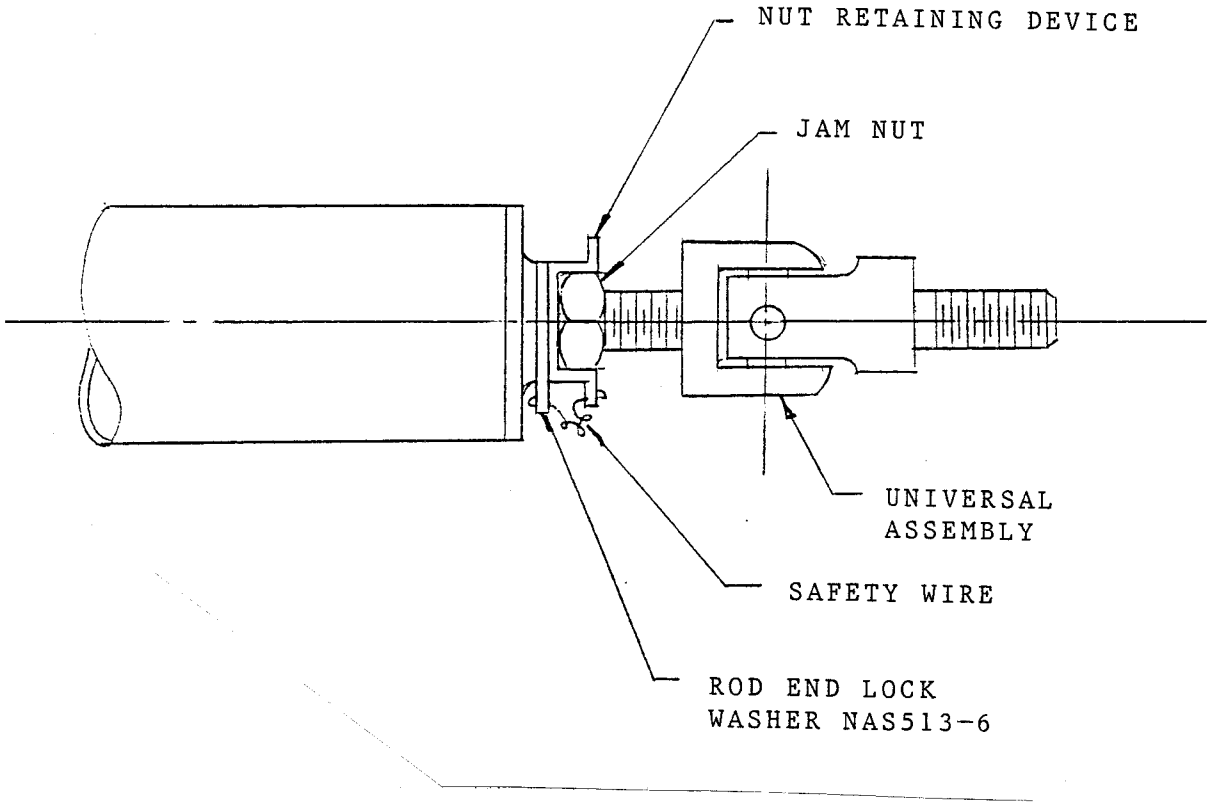


FIGURE 1 - A6201-2 END FITTING

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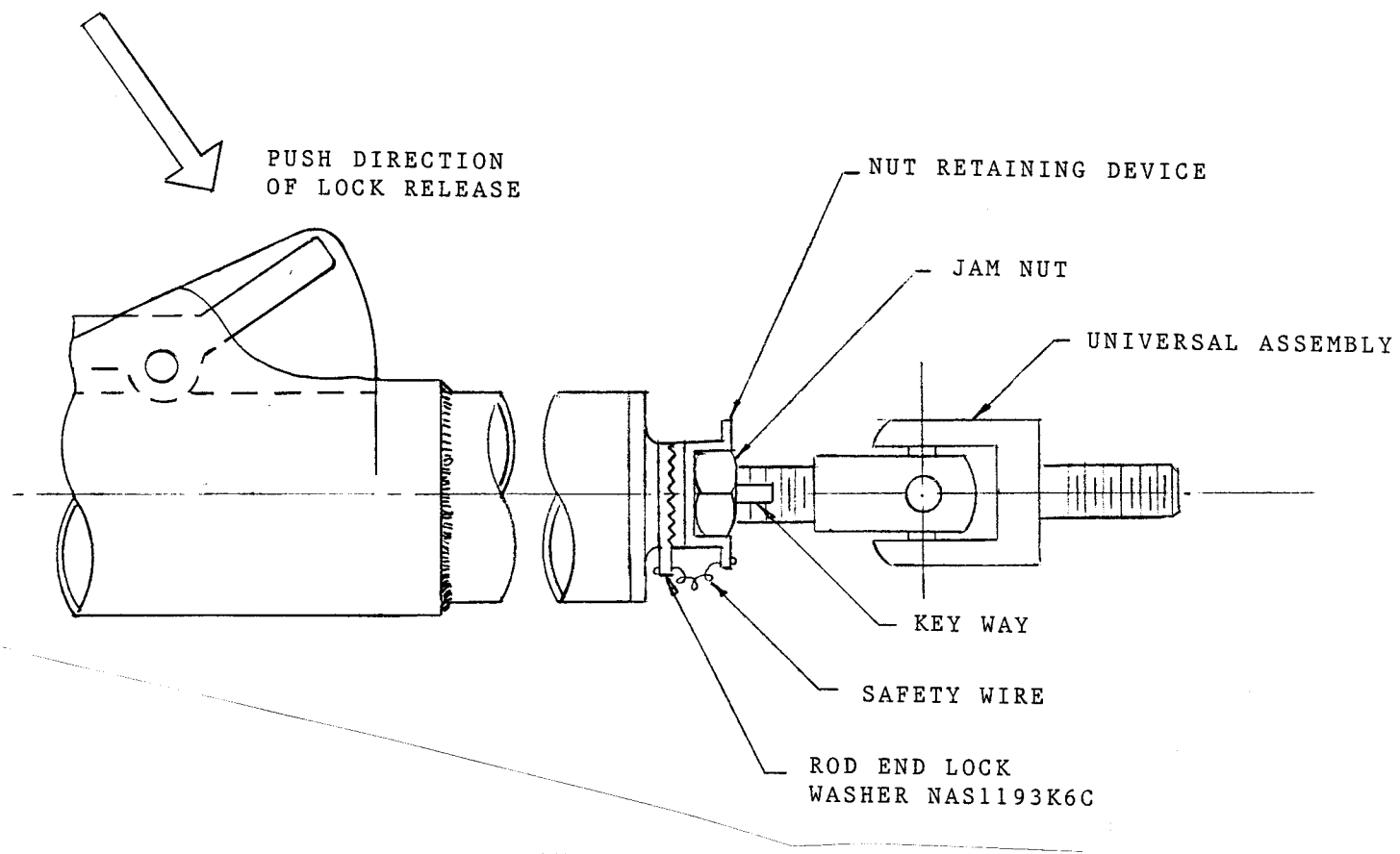


FIGURE 2 - A6201-3 END FITTING

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RECORD OF REVISIONS

| <u>SERVICE BULLETIN NO.</u> | <u>REVISION NO.</u> | <u>DATE ISSUED</u> |
|-----------------------------|---------------------|--------------------|
| A6201-78-1 | NONE | JUNE/89 |
| A6201-71-1 | NO. 1 | NOVEMBER/89 |

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