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 Montgomery, AL 36108 USA  
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# Service Letter

## Service Letter No. 047

### **Commutator End Bearing Supersedure PM Series Starters**

#### 1. Planning Information

##### A. Effectivity

- (1) Hartzell Engine Technologies LLC (HET) PM Series Starter (formerly Lamar) models listed in Table 1 that currently use P/N 6101001 commutator end bearings are affected by this Service Letter.
- (2) The affected starters are FAA/PMA approved.

**Table 1 - Applicable HET Starter Part Numbers**

|             |        |        |        |        |        |        |
|-------------|--------|--------|--------|--------|--------|--------|
| Lycoming    | PM1201 | PM1203 | PM1204 | PM2401 | PM2403 | PM2404 |
| Continental | PM1207 | P2407  |        |        |        |        |

**CAUTION:** DO NOT USE OBSOLETE OR OUTDATED INFORMATION. PERFORM ALL INSPECTIONS OR WORK IN ACCORDANCE WITH THE MOST RECENT REVISION OF THE HET STARTER MAINTENANCE MANUAL (MM) AND THIS SERVICE LETTER (SL). INFORMATION CONTAINED IN THE MM AND THE SL MAY BE SIGNIFICANTLY CHANGED FROM EARLIER REVISIONS. USE OF OBSOLETE INFORMATION MAY CREATE AN UNSAFE CONDITION THAT MAY RESULT IN DEATH, SERIOUS BODILY INJURY, AND/OR SUBSTANTIAL PROPERTY DAMAGE. REFER TO THE HET WEBSITE TO FIND THE MOST RECENT REVISION LEVEL OF THIS SERVICE LETTER.

##### B. Concurrent Requirements

None.

##### C. Reason

- (1) The P/N 6101001 commutator end bearing has been superseded with the P/N X-4130 commutator end bearing. The P/N X-4130 bearing is now approved for use in all PM series starter applications, including applicable PM series starter overhaul kits.
- (2) The P/N 6101001 bearing and the P/N X-4130 bearing are identical in fit, form, and function and may be used interchangeably.
- (3) HET will no longer sell the P/N 6101001 bearing once factory stock is depleted.
- (4) Distributors or customers holding field inventory may continue to use P/N 6101001 bearing.
- (5) The P/N X-4130 bearing will be incorporated into the applicable HET starter overhaul and maintenance manual at next revision.

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#### D. Description

- (1) This Service Letter provides Additional Maintenance Information (AMI).
- (2) This Service Letter provides notice that the P/N 6101001 bearing is superseded by the HET P/N X-4130 bearing for starters listed in Table 1.

#### E. Approval

- (1) This Service Letter has been approved by Hartzell Engine Technologies LLC.

#### F. Manpower

- (1) No additional man hours are required.

#### G. References

- (1) Starter Overhaul & Maintenance Manual P/N LOH CD LYC Rev. B.
- (2) Starter Overhaul & Maintenance Manual P/N LOH CD CMI Rev. A.

#### H. Other Publications Affected

- (1) None.

## 2. Material Information

| <u>Current HET P/N</u> | <u>Description</u>         | <u>Replacement HET P/N</u> |
|------------------------|----------------------------|----------------------------|
| 6101001                | Bearing,<br>Commutator End | X-4130                     |

## 3. Contact Information

- A. Communications regarding this Service Letter can be placed either through Hartzell Engine Technologies Technical Support at +1.334.386.5410 or +1.334.386.5441. If via Fax, use +1.334.386.5450.
- B. Written communications must be placed through Hartzell Engine Technologies Technical Support, 2900 Selma Highway, Montgomery, AL 36108, USA.
- C. If E-mail communication is desired, go to the Hartzell Engine Technologies LLC website: <http://www.hartzellenginetech.com>, select "contact" and follow the instructions.