



The New Piper Aircraft, Inc.
2926 Piper Drive
Vero Beach, Florida, U.S.A. 32960

SERVICE *No.* 1066 LETTER

Date: April 24, 2003 (S)

MAINTENANCE ALERT

SUBJECT:

IGNITION HARNESS ROUTING INSPECTION

MODELS AFFECTED:

PA-28-181 Archer III

SERIAL NUMBERS AFFECTED:

2843001 and Up

COMPLIANCE TIME:

To coincide with next regularly scheduled maintenance event, but not to exceed the next one hundred (100) hours time in service. (For Warranty eligibility, see the Summary section of this document.)

APPROVAL:

The procedures specified in the instructions section have been shown to comply with the applicable Federal Aviation Regulations and are FAA approved.

PURPOSE:

It has been discovered that the ignition cables shown in Figure 1 are sometimes improperly secured when they have been removed for maintenance. If these cables are improperly routed and secured upon re-installation, they may interfere with the oil cooler.

This letter adds a strip of spiral wrap to provide additional protection for the ignition cables if the spiral wrap is missing.

If the condition is left uncorrected it may cause damage to the ignition cables.

INSTRUCTIONS:

1. Remove upper engine cowling. Check the ignition cables and clamp indicated in Figure 1. Ensure the cables do not contact or rub against the oil cooler.
2. If the ignition cables are interfering with the oil cooler or they are not properly routed, inspect for damage, reroute and secure correctly.
3. Check for the protective spiral wrap. If the spiral wrap is missing, install an eight (8) inch strip of spiral wrap around the ignition wires from the clamp toward the magneto.

NOTE: Clamp and attaching hardware part numbers may be found in the engine manufacturer's Parts Catalogs.

4. Install upper engine cowling.
5. Make a logbook entry indicating compliance with this Service Letter.

(OVER)

ATA: 7420

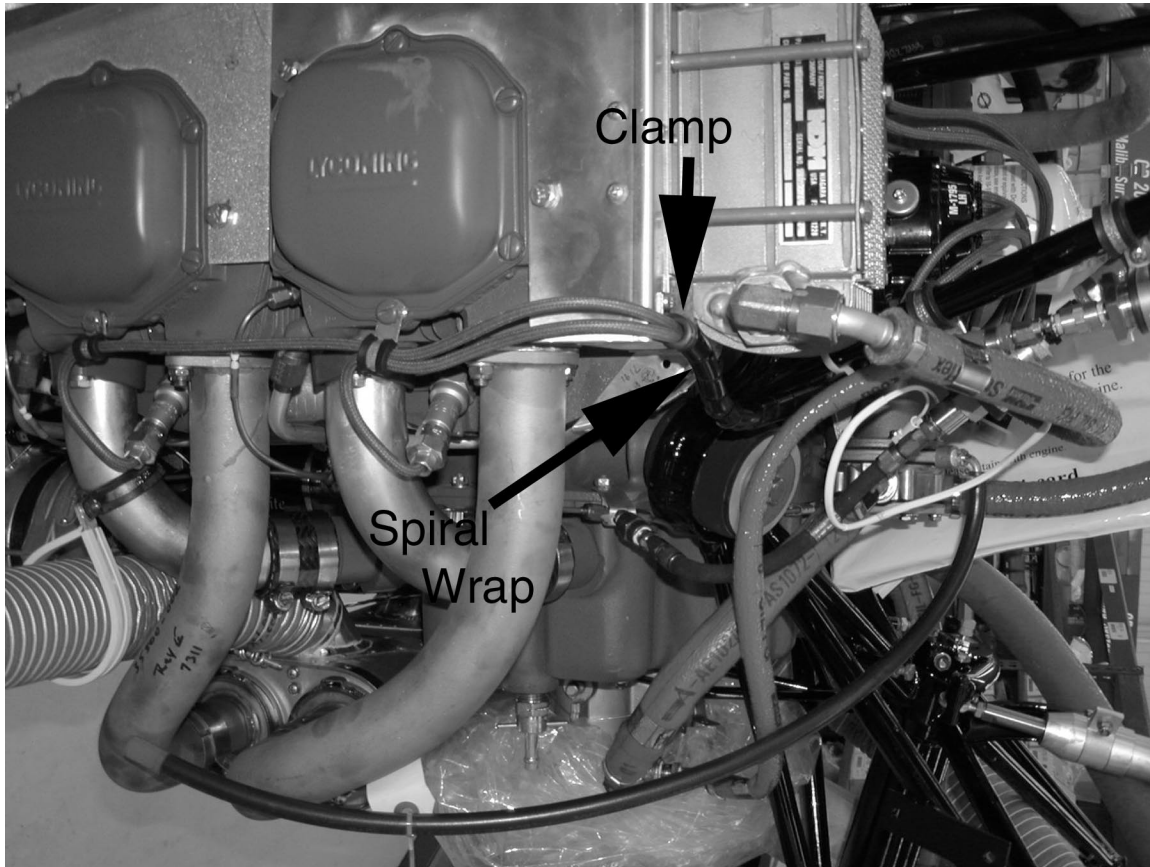


Figure 1
Spiral Wrap Location between Clamp and Ty Wrap on Engine Mount

MATERIAL REQUIRED: One (1) each, 8 inch strip of spiral wrap, P/N 189-549 (roll), per aircraft.

AVAILABILITY OF PARTS: Your Piper Field Service Facility.

EFFECTIVITY DATE: This Service Letter (M-A) is effective upon receipt.

SUMMARY: There is no Warranty eligibility on this service letter. Please contact your Factory Authorized Piper Service Facility to make arrangements for compliance with this Service Bulletin in accordance with the compliance time indicated.

NOTE: If you are no longer in possession of this aircraft, please forward this information to the present owner/operator and notify the factory of address/ownership corrections. Changes should include aircraft model, serial number, current owner's name and address.

Please send all completed forms to:

THE NEW PIPER AIRCRAFT, INC.
Attn: Customer Care
2926 Piper Drive
Vero Beach, FL 32960