

DENNEY

**AEROCRAFT
COMPANY**

June 7, 1990

Service Letter #16

Subject: Electric Starter

To: All owners of Rotax engines with electric starters and engine serial numbers below.

From: Denney Aerocraft Company

Engine Serial Numbers to be checked or modified:

503	up to 3949359
532	up to 3887660
582	up to 3917425

Our Rotax supplier has advised us as follows:

"WE HAVE BEEN EXPERIENCING PROBLEMS WITH THE FIT OF THE STARTER GEAR ADAPTERS ON THE MAG ELECTRIC STARTERS. SOME ADAPTERS, BECAUSE OF THE RADIUSED LIP, DO NOT FIT PROPERLY ON THE RING GEAR ALLOWING A GAP OF UP TO 1MM (0.040") BETWEEN THE ADAPTER FINGERS AND THE RING GEAR, THUS CREATING STRESS WHEN THE MS SCREWS ARE TORQUED DOWN.

A REMEDY TO THIS PROBLEM IS TO MAKE A RADIUS ON THE RING GEAR WHICH WOULD IMPROVE THE MATING BETWEEN THE ADAPTER AND THE RING GEAR.

PROCEDURE:

REMOVE THE ELECTRIC STARTER, REMOVE THE RING GEAR, MAKE A RADIUS WITH A FILE, CHECK THE FITTING BETWEEN RING GEAR AND ADAPTER, REASSEMBLE AS DESCRIBED IN PARTS BOOK MANUEL."

If you need assistance in any way, please call customer service. Before returning any items to Denney Aerocraft Co. please obtain a Return Goods Authorization (RMA) number from customer service.