

Heli-Max™

Installing and Using the Kinetic .50 Aluminum Fan

Kinetic™ 50

ITEMS NEEDED:

Heli-Max Aluminum Cooling Fan Kinetic 50 (HMXE4105)
Heli-Max Start Shaft for Aluminum Cooling Fan (HMXE4129)

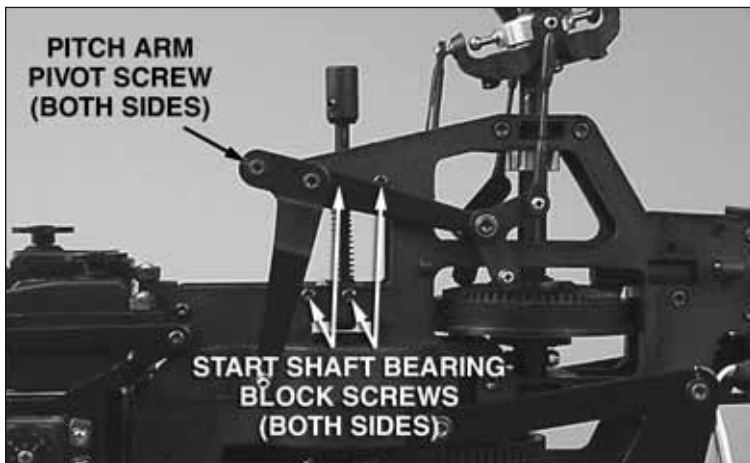
TOOLS NEEDED:

Phillips Screw Driver
Needle Nose Pliers



1. Disassemble the aluminum fan. The upper portion of the fan uses a reverse thread. Turn the upper portion of the fan clockwise to remove it.

Using the manual provided with the helicopter as a guide, remove the engine from the model. Remove the stock cooling fan and install the new upgrade aluminum fan in the same manner. Apply thread locking compound to the threads on the upper portion of the fan. Thread the upper portion of the fan on using a towel to protect your hand. The upper portion only needs to be finger tight since it uses a reverse thread.



2. Remove the two pitch arm pivot screws and drop the pitch arm down. Remove the eight screws holding the start shaft bearing blocks onto the frames. Remove the start shaft assembly from the helicopter since this will no longer be needed.



3. Install the engine into the frame and reassemble the mechanics using the manual provided with the helicopter as a guide.



4. Install the start shaft onto your starter adapter making certain that the flat spot on the shaft is properly aligned with the set screw.

To start the helicopter engine, insert the start shaft into the oneway bearing on top of the cooling fan. The start shaft must be properly aligned with the oneway bearing before activating the starter. Once the engine has started, release the switch on the starter and remove the start shaft from the cooling fan.