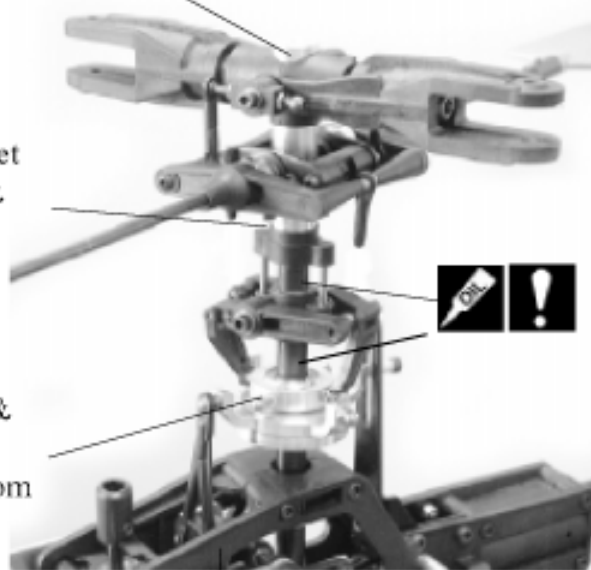


Step 24 Final Rotor Head Assembly

Completed Rotor
Head Assembly from
Step 6

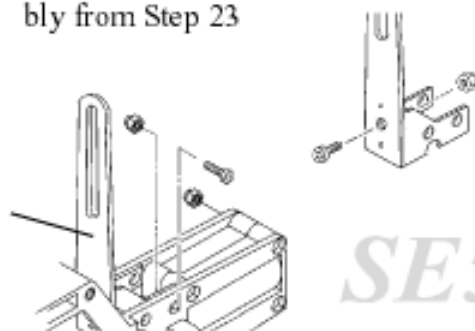
M3x16 Socket
Cap Screw &
M3 Locknut

Swashplate &
Washout
Assembly from
Step 8



Main Mechanic Assem-
bly from Step 23

Antirotation
Bracket SE -50
[CN2208B]



SE50

Slide the washout assembly from Step 6 onto the main shaft and snap the elevator lever arm onto the front ball on the swashplate. Slide the completed rotor head assembly from Step 5 onto the shaft and align the hole in the head block with the hole in the top of the main shaft. Secure with one 3x16mm Socket Cap Screw and 3mm locknut (from Bag 2). (**Note: Make sure the pins in the rotor head block are aligned and inserted into the holes in the washout unit.**) Apply some oil sparingly to the washout hub assembly to insure they slide smoothly.

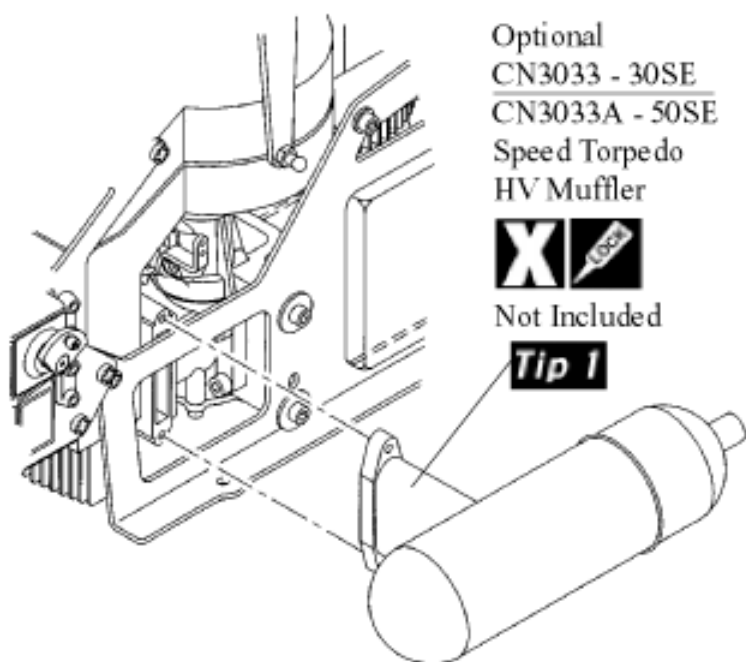
Following assembly, move the collective lever fore and aft to the endpoints. The swashplate and washout unit should be very smooth throughout the movement range. If not, inspect the fit of the washout guide to the pins in the rotor head, these pins can be bent slightly if binding. Also check the collective axle, the screws here may be too tight. Lastly the fit of the ball links sometimes can cause binding. These few points are the most common causes of any resistance to free movement which will cause servo strain leading to premature wear and will appear as a jump in altitude when flying the helicopter.

Step 25 Attaching Muffler

Attach the muffler to the engine with the screws provided with the muffler (**Tip 1**). Attach the pressure tap to the top of the muffler and the M4x6 Phillips Machine screw to the bottom hole in the muffler.

Tip

For a good seal between the muffler and the exhaust port, use a gasket made from thin aluminum, brass or use high temperature RTV engine sealant found in an automotive supply store. To properly seal the fit, after running the engine for several minutes on the first run, shut down the engine and tighten the bolts again. With the hot engine you will gain 1/4 turn on the bolts which will seal the muffler in place.



Optional
CN3033 - 30SE
CN3033A - 50SE
Speed Torpedo
HV Muffler



Not Included

Tip 1