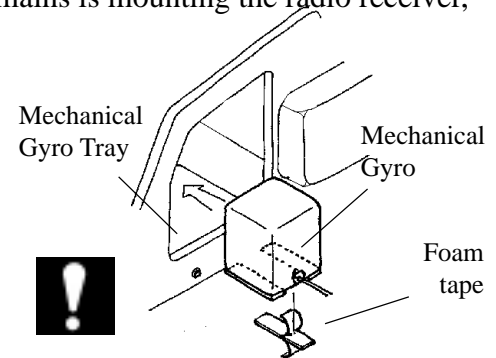


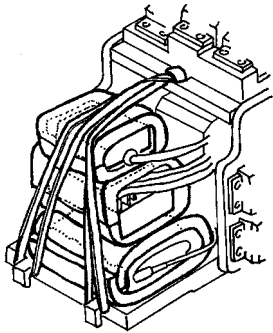
## Radio Components & Balancing

**Gyro** Having completed all the assembly for the helicopter, all that remains is mounting the radio receiver, receiver battery and the gyro.

Mount the gyro on the radio tray, some rearrangement from the picture is required to mount everything. **If using the PG2000, the gyro can be mounted between the collective & throttle servos and the right servo frame side.** It is extremely important that the gyro is attached using only the supplied two sided tape onto a clean flat surface. Keep all wires and components away from the gyro housing. Do not use straps or elastics to secure the gyro. Install the gyro using double sided foam tape ( supplied with gyro ) put a full strip along the bottom of the gyro unit and press onto the surface. For a good bond make sure both surfaces are clean and dry.



Note: the gyro tray in the behind the engine is for mounting the **mechanical style gyro only, not for the PG2000 piezo type gyro.**

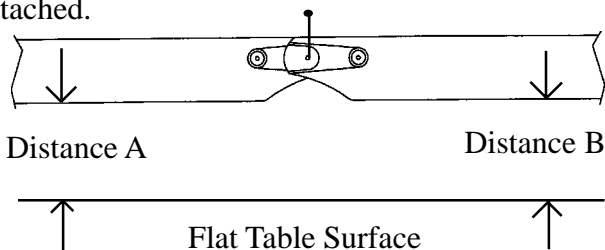


### Receiver, Battery Pack and Piezo Gyro

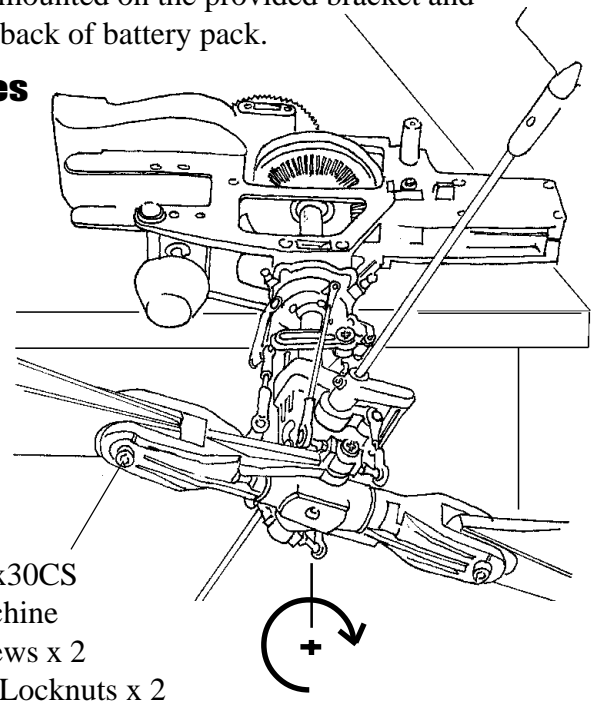
Using the foam rubber, wrap the battery pack, receiver and gyro controller (mechanical type) separately, allowing wires to be collected and tied together. Using two elastics looped through the front of the top servo tray, secure the components to the two hooks on the lower servo tray. Depending on your equipment, the switch can be mounted on the provided bracket and the piezo gyro can be mounted on the back of battery pack.

### Balancing the Rotor Head & Attaching Main Blades

Balance is the most important part in maintaining a safe and reliable helicopter. First check the blades for balance, this can be done on a balancer but can be done directly on the helicopter by tipping the helicopter on its side at the edge of a table and attaching the blades with two 4x30mm Socket Head Cap Screws and 4mm locknuts. Temporarily remove the bolt to secure the autorotation bearing so the head spins free ( remember to replace this bolt!! ). If one blade stops at the same spot add some tape to the lighter blade to balance the rotorhead. The same procedure can be used to balance the flybar without the main blades attached.



Bolt the blades together and support by the ends of the bolt off a flat surface. If one blade tips to one side add small pieces of tracking tape until both blades hang an equal distance from the table (Distance A = B). Attach the Main Blades to the helicopter using two 4x30mm Socket Head Cap Screws and M4 Locknuts.



When attaching the main blades, the direction of rotation is clockwise, when looking on top of the helicopter.

**\*\*Blade Bolt tension on main blades should be set by starting from loose blades, tighten the bolts a little at a time until the blades will hold straight as the helicopter is tipped on its side. Slightly tighter is good. Too tight and a vibration will occur, too loose and a boom strike can happen. Tail blades can be set the same way.**