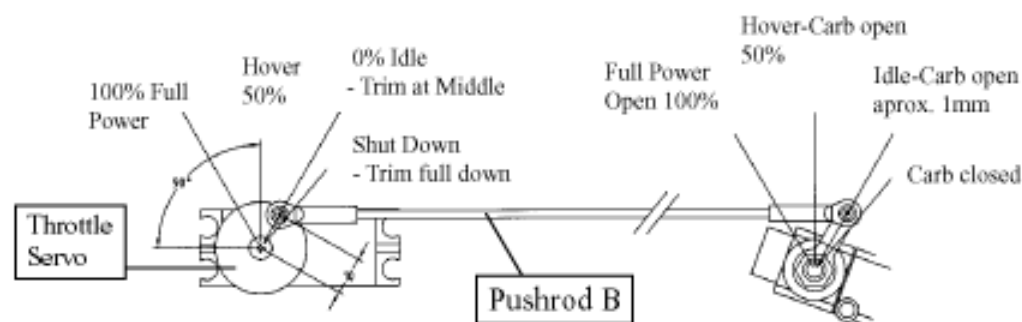


Step 45 Throttle Linkage

From Bag 4, Using threadlock, attach one steel ball and one 2mm nut, to both the Throttle servo horn and the Throttle Extension from Step 17. Position the ball at 10mm from the center of the servo and in the outermost hole on the metal throttle arm. With the radio on, and the throttle stick centered and the trim in the center, press the servo horn onto the servo so the ball is at 90 degrees to the servo (the approximate hovering position). Move the throttle stick to the low/idle position and press the Throttle Pushrod (B) onto the steel balls. Check that in the low position the carburetor has about a 1mm wide opening for idling and finally as the trim is moved fully down the carburetor closes completely to shut the engine off. Also check that in the high position the carburetor is fully open. The throttle extension nut may have to be loosened and the lever repositioned to operate as recommended. Be sure there is no servo binding at low and high throttle.



Tip

Pushrod B will vary in length slightly as the position of the carburetor is different for each engine manufacturer. Following the above instructions will allow you to get the carburetor setup correctly.

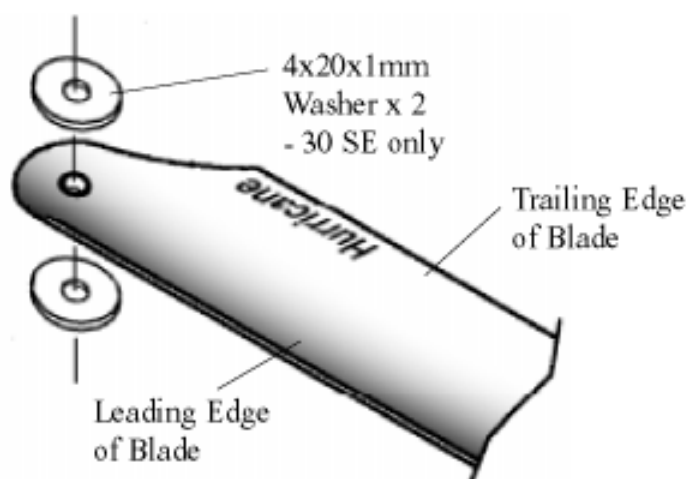
Step 46 Care and installation of Hurricane Carbon Blades

The Main Rotor Blades included in the kit are pre-finished and balanced fiberglass and carbon fiber composite rotor blades. Care must be taken in handling composite blades to keep them in excellent condition. Do not compress any portion of the blade from the trailing edge to the center spar as it is hollow. In the event of a crash-landing discard rotor blades, scuffs or marks on the blade tips maybe the only visible damage however there is no method for inspecting the internal structure of the rotor blades for stress cracks which can cause total blade failure at an unpredictable time. Also, do not store rotor blades indoors in direct sunlight or near heat sources for any period of time, as this can cause the blades to warp. Simply wipe blades clean after flying.

To install blades on the 30SE, (**press out the brass bushing from the blade bolt hole**) place one 4x20mm washer on top and bottom of the 30SE blade before sliding into the rotor grip. To install both blades, insert one 4x30mm Socket Cap Screw through the top grip and secure using one 4mm Locknut. Repeat for opposite rotor blade. Blade bolt tension will affect how the blades perform. To set proper tension, start from loose blades (bolt is loose enough for the blade to pivot freely from the grip) and 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 tail boom strike can happen. Tail blades can be set the same way.

CN2400 Hurricane
Symmetrical 550mm - 30SE

CN2412 Hurricane
Symmetrical 600mm - 50SE



Each kit contains symmetrical rotor blades for sport and aerobic flying. For your convenience you can also use semi-symmetrical for smooth aerobatics and scale flying.