Increased power transfer and longer belt and one way bearing life.

1. Motor Pulley.
   - Socket Head Cap Screw M3x8mm (HC050-S)
   - Bearing Support (H0142-S), H0142 cannot be used with 8mm motor shaft.
   - Bushing Ø6 Ø8x18mm (H0175-23-S) (Need with 6mm motor shaft)

2. Belt Tensioner.
   - Flanged Bearing Ø5x Ø9x3mm (HC410-S)
   - Belt Tensioner Arm
   - Washer Ø3x Ø4x0.5mm (HC176-S)
   - Tail Belt Idler
   - Flanged Bearing Ø3x Ø7x3mm (HC402-S)
   - Socket Head Cap Screw M3x12mm (HC062-S)
   - For proper belt tension alignment:
     - Assemble the tensioner arm as shown
     - Cut the main frame where highlighted

3. One Way Pulley.
   - Button Head Cap Screws M3x4mm (HC038-S)
   - Bush One Way (H0110-S)
   - 60T Pulley Assembly (H0171-S)
   - Washer Ø10x Ø16x0.2mm (HC232-S)
   - Metric Hex Nylon Nut M2.5 (HC200-S)
   - Font Tail Pulley Low (H0172-S)
   - Socket Head Cap Screw Shouldered M2.5x19mm (HC033-S)
   - Use This Hole
   - Position Facing Up
   - Column Belt Tensioner (H0174-S)
   - Spring de 8 / df0.5 / LL8 (HC315-S)
   - Washer 3.2x 6x0.5mm (HC180-S)
   - Socket Head Cap Screw Shouldered M3x40mm (HC091-S)

4. Tail Servo.
   - Servo Spacer (H0075-S)
   - Tail Servo
   - Boom Assembly

5. Motor Belt Assembly.
   - Big Motor Belt 770 (HC309-S)
   - Sequence:
     - Install the motor and motor pulley to its mounting plate.
     - Fit the motor assembly into position.
     - Compress the springs by pushing the motor toward the main shaft.
     - At maximum compression, temporarily tighten one of the slide nuts.
     - Engage the belt around the main pulley.
     - Rotate the motor several times by hand.
     - Losen up the slide nut to allow the springs to tension the belt.
     - Help the springs by pulling on the motor slightly.
     - Lock both slide nuts and front screws.
     - The belt must be very tight.

   - HD171-S One Way Double Bearing.
   - HB172-S Font Tail Pulley Low.
   - HD173-S Tail Servo Spacer
   - HD175-18-S Motor Pulley 18T 20mm.
   - HD175-19-S Motor Pulley 19T 20mm.
   - HD175-20-S Motor Pulley 20T 20mm.
   - HD175-21-S Motor Pulley 21T 20mm.
   - HD175-22-S Motor Pulley 22T 20mm.
   - HD175-23-S Motor Pulley 23T 20mm.
   - HC309-S Big Motor Belt 770

Copyright © 2013 - SAB Heli Division - All rights reserved