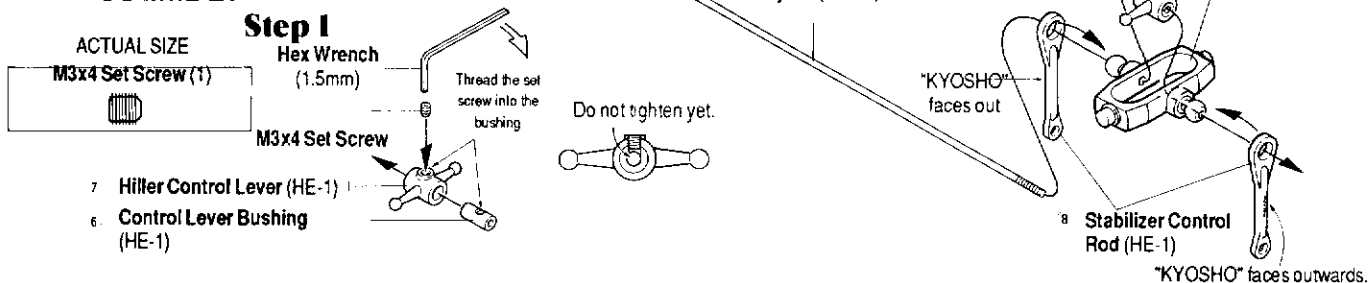


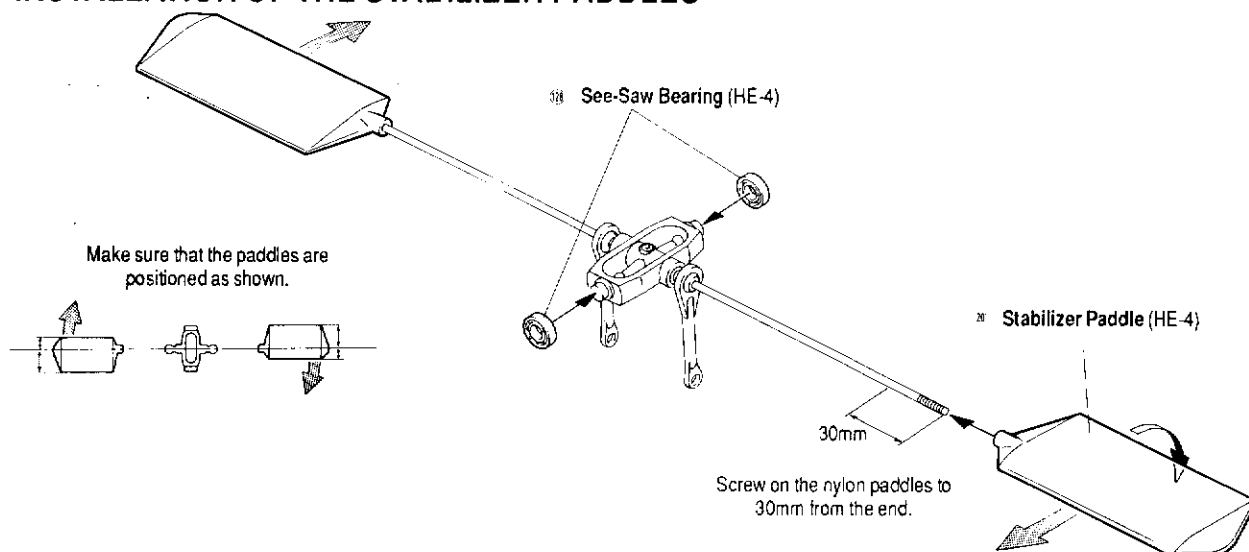
CONCEPT 30 SX™

Please use this insert along with the main assembly manual. The following numbered steps are to be used in addition to, or in place of, the same numbered steps in the main assembly manual.

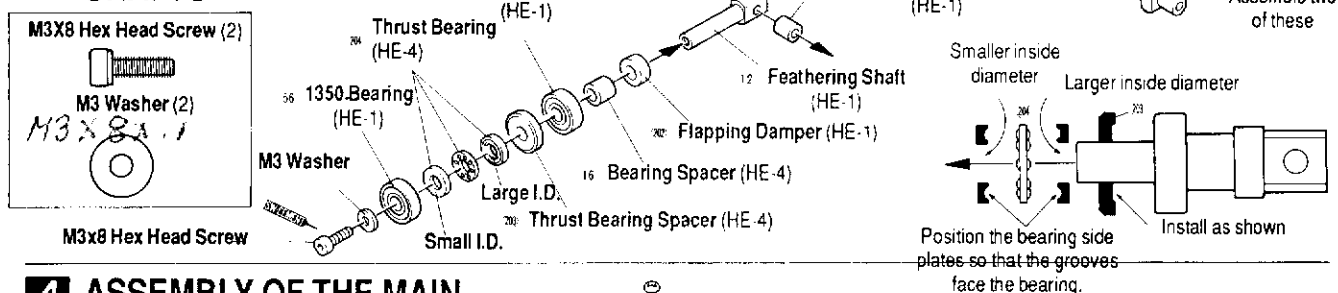
1 STABILIZER SEE-SAW ASSEMBLY



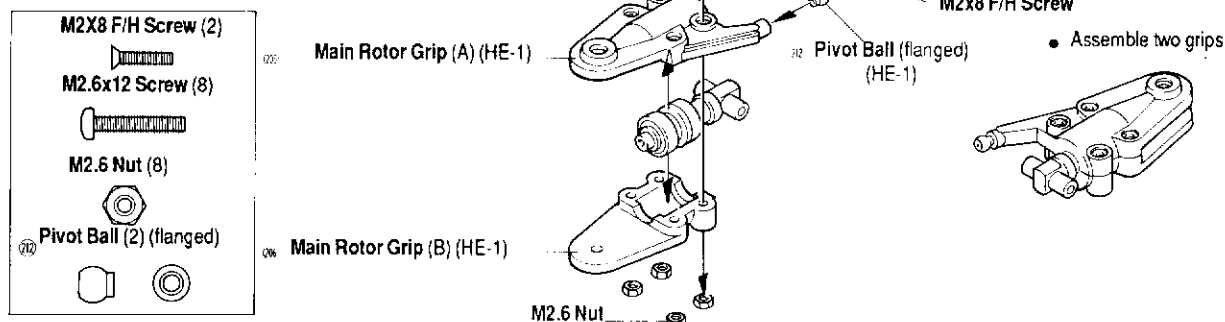
2 INSTALLATION OF THE STABILIZER PADDLES



3 ASSEMBLY OF THE FEATHERING SHAFTS



4 ASSEMBLY OF THE MAIN ROTOR GRIPS



9 MAIN FRAME ASSEMBLY

M3x12 Hex Head Screw (3)



M3x15 Hex Head Screw (3)



M3x18 S/T Screw (1)



M3 Nylon Nut (4)



M3 Washer (1)

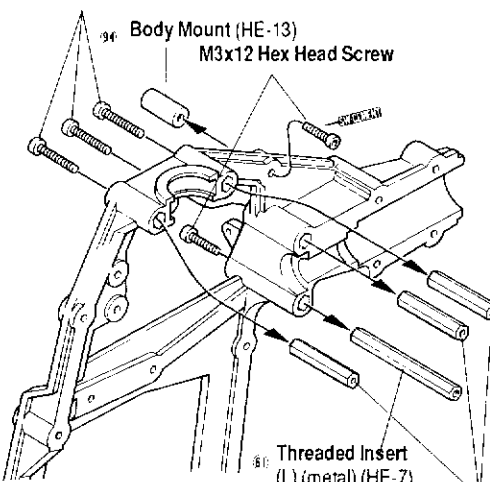


E-Clip (E-2.5) (4)



Follow Step 9 of the main manual except install the metal threaded inserts with the hex head screws.

M3x15 Hex Head Screw



Install #94 Body Mounts to both frame sides.

Threaded Insert (L) (metal) (HE-7)

Threaded Insert (S) (metal) (HE-7)

11 ENGINE PREPARATION

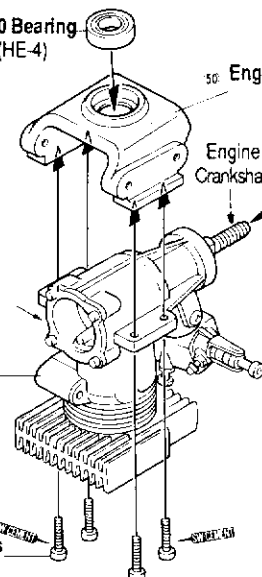
Remove the drivewasher from the engine. It is not needed.

49. 1680 Bearing (HE-4)

Remove the engine backplate to hold the crankshaft from turning while screwing on the clutch. Then reinstall.

The muffler will be installed later.

M3x16 Hex Head Screws



50. Engine Mount (HE-4)

Engine Crankshaft

Thrust washer included with the engine.

227. Clutch (HE-5)

226. Clutch Bearings (HE-5)

63. Cooling Fan (HE-5)

62. Starter Cone (HE-5)

M2.6x6 S/T Screw

(included with the engine)

6mm Washer

Drill two 2mm holes.

Join here

Next install the fan shroud as shown in Step 11 of the main manual.

Clutch Lining (HE-5)

Glue in the clutch lining using an instant type (cyanoacrylate) glue.

228. Clutch Bell (HE-5)

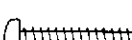
13 MAIN FRAME FINAL ASSEMBLY

Follow Step 13 from the main manual except use the hex screws.

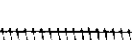
M3x10 S/T Screw (2)



M3x15 S/T Screw (6)



M3x25 S/T Screw (2)



M3x28 Screw (2)



M3x12 Hex Screw (5)



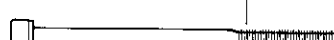
M3x15 Hex Head Screw (3)



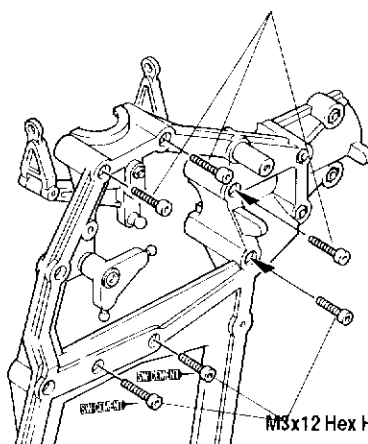
M3x18 Hex Head Screw (2)



M3x40 Hex Head Screw (2)



M3x15 Hex Head Screw

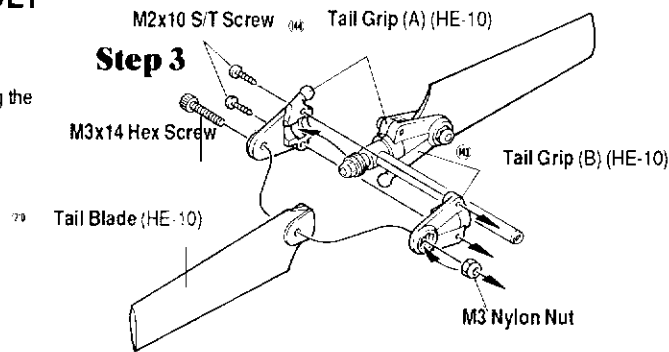


M3x12 Hex Head Screw

19 TAIL ROTOR ASSEMBLY

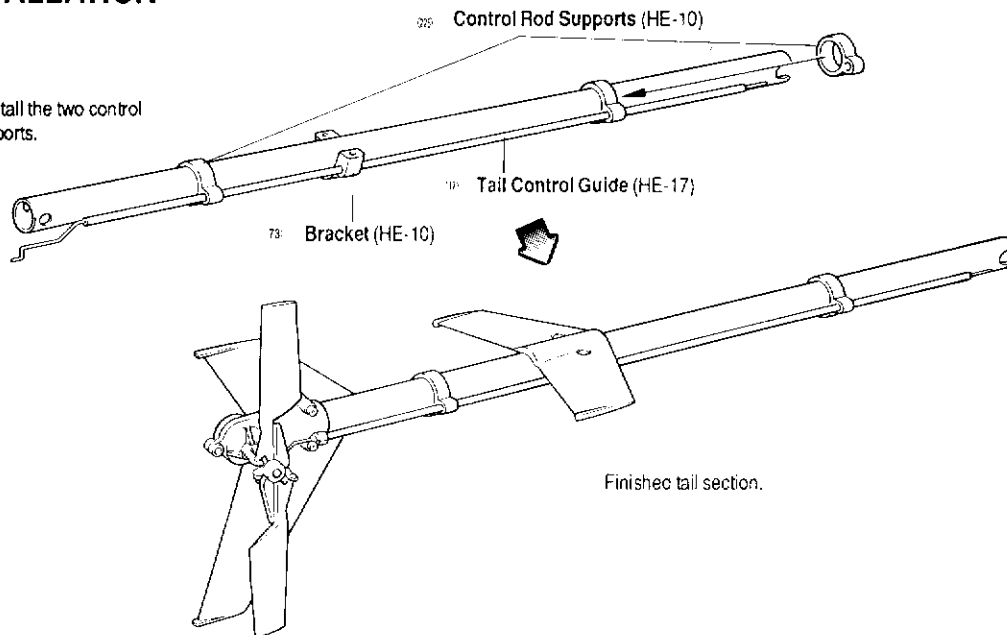
Follow Step 19 for assembly using the "SX" tail blades.

Step 3



21 FIN INSTALLATION

Follow Step 22 and install the two control rods supports.



25 CYCLIC CONTROL ROD INSTALLATION

Snap the Pivot Ball into the Ball End first. Next install it to the servo horn.

M2x10 Hex Head Screw (2)



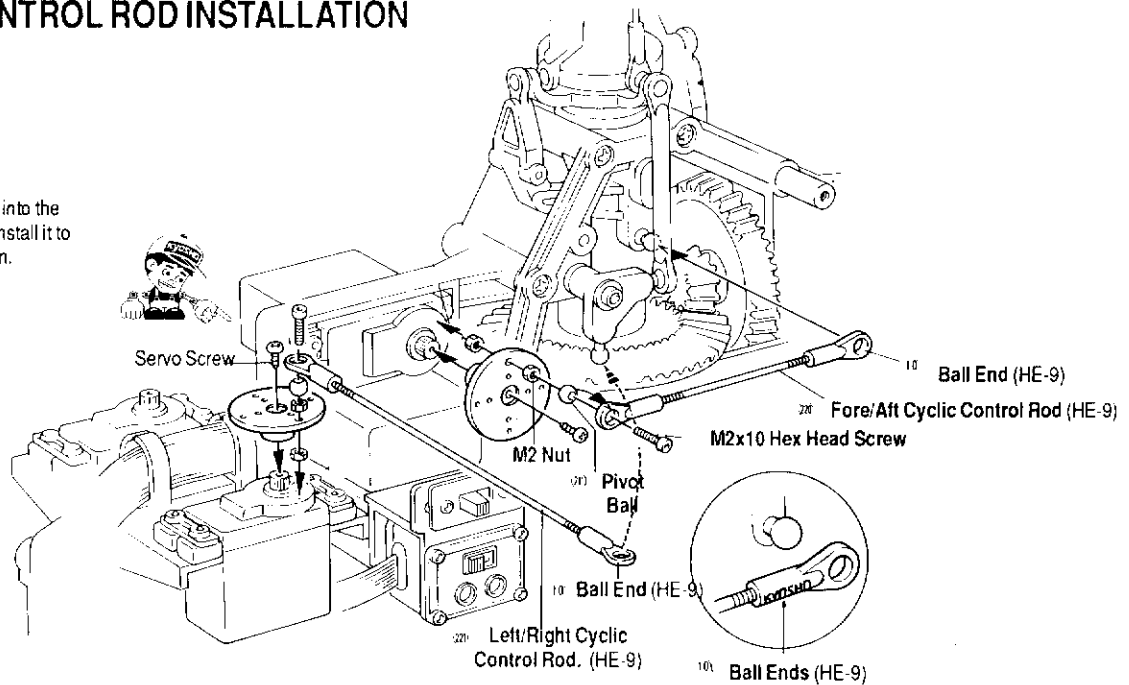
M2 Nut (4)



Pivot Ball (2)

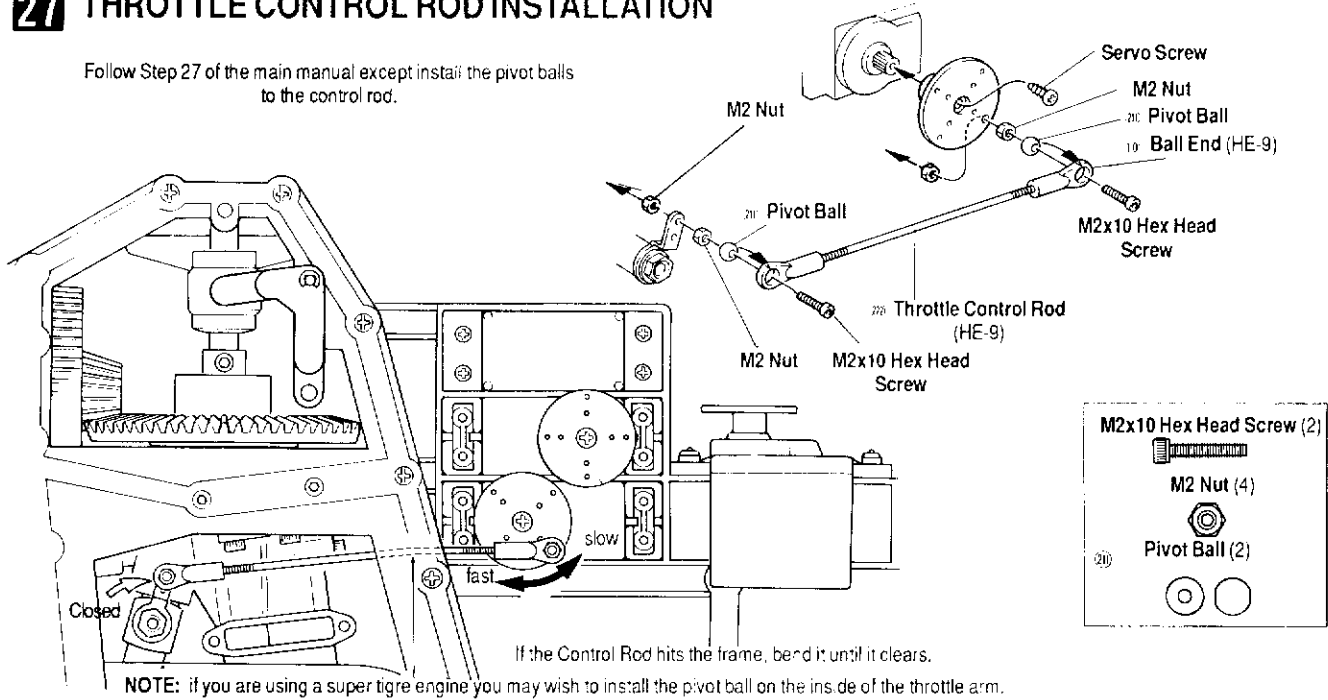


NOTE: Depending on servo size, an extra M2 nut between servo arm and pivot ball will work as a "stand off." This may or may not be needed to give the push rod a straight path to the given control function.

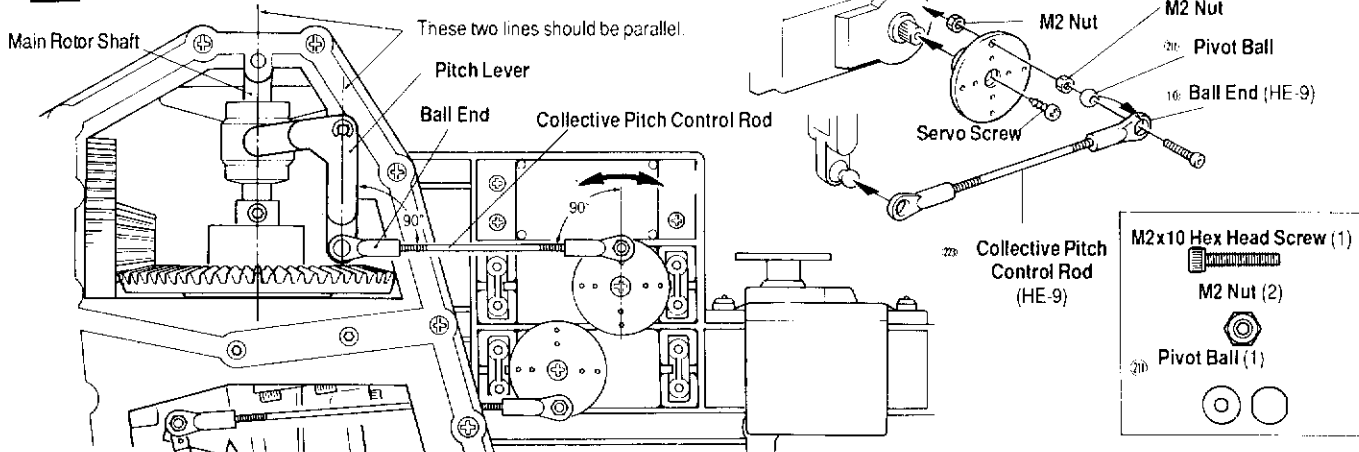


27 THROTTLE CONTROL ROD INSTALLATION

Follow Step 27 of the main manual except install the pivot balls to the control rod.



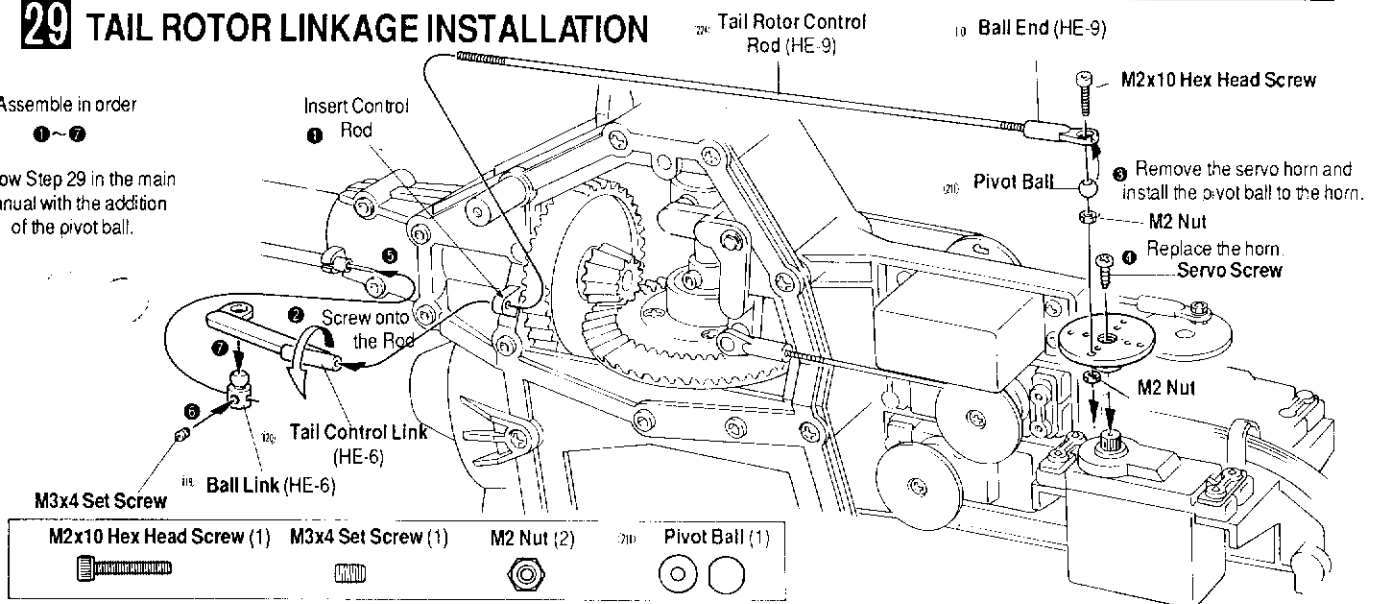
28 COLLECTIVE PITCH CONTROL ROD INSTALLATION



29 TAIL ROTOR LINKAGE INSTALLATION

Assemble in order
1~7

Follow Step 29 in the main manual with the addition of the pivot ball.

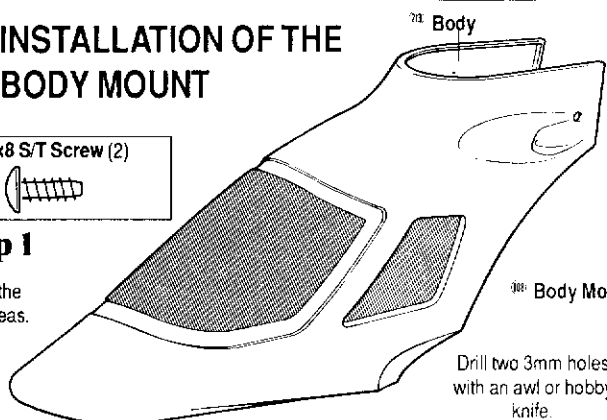


30 INSTALLATION OF THE BODY MOUNT

M3x8 S/T Screw (2)

Step 1

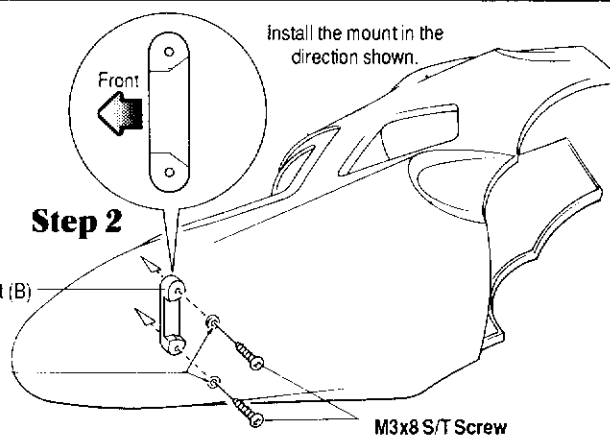
Trim out the shaded areas.



213 Body Mount (B)

Drill two 3mm holes with an awl or hobby knife.

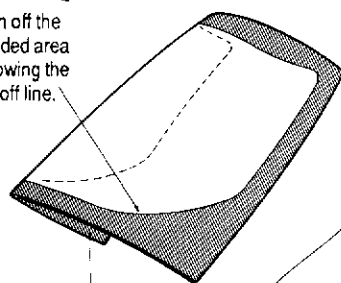
Step 2



31 INSTALLATION OF THE CANOPY

Step 1

Trim off the shaded area following the cut off line.



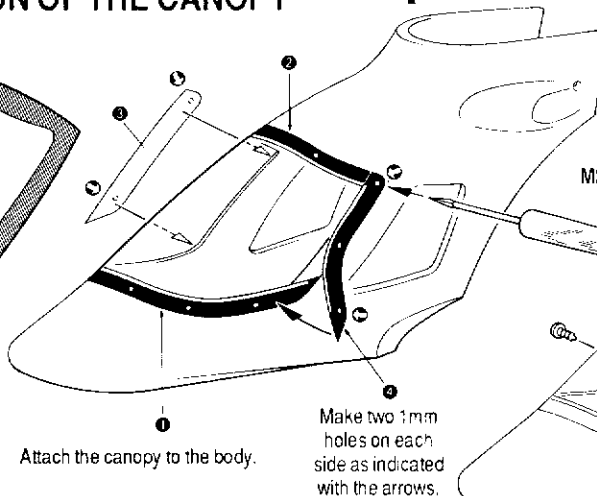
214 Canopy

M2x5 S/T Screw



Attach the canopy to the body.

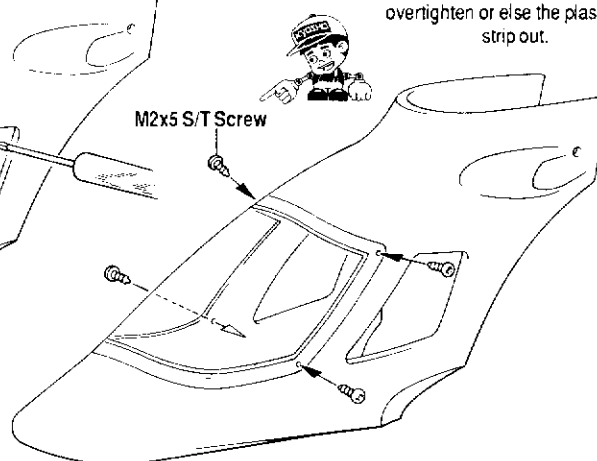
Step 2



Make two 1mm holes on each side as indicated with the arrows.

Step 3

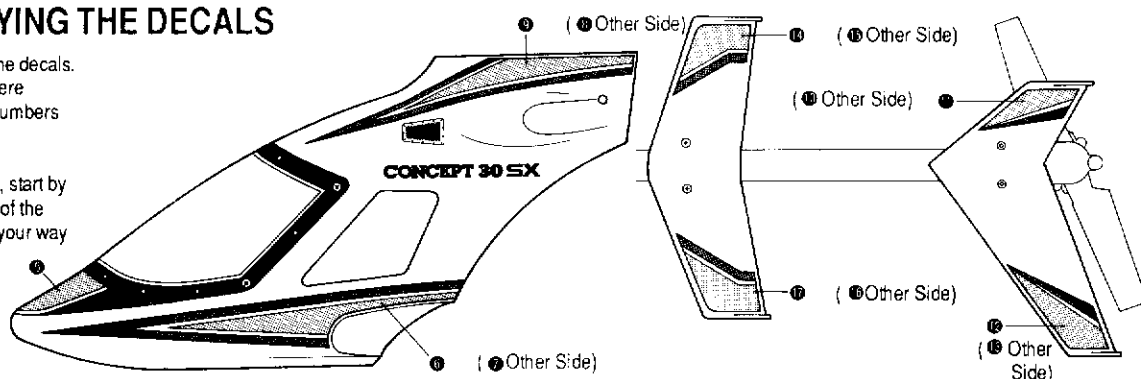
Install the four screws. Do not overtighten or else the plastic will strip out.



32 APPLYING THE DECALS

- Carefully cut out the decals.
- Place them on where shown using the numbers as a guide.

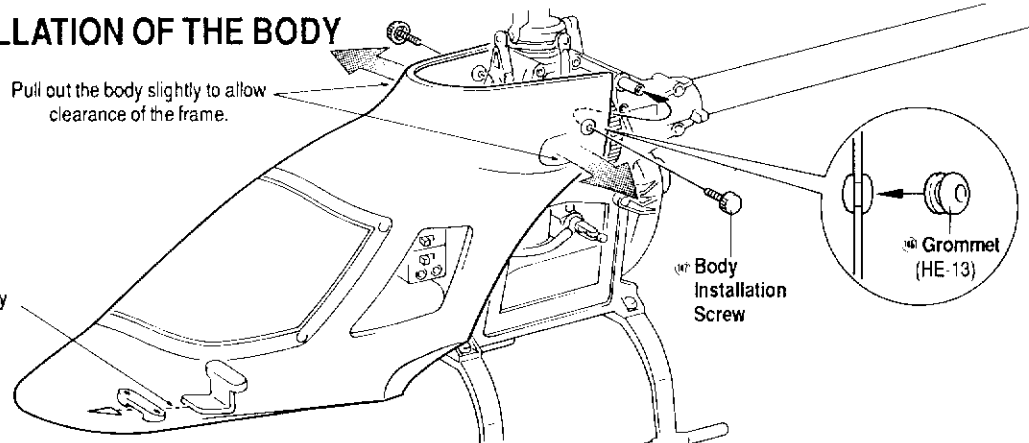
To avoid air bubbles, start by attaching the center of the decal first and work your way out.



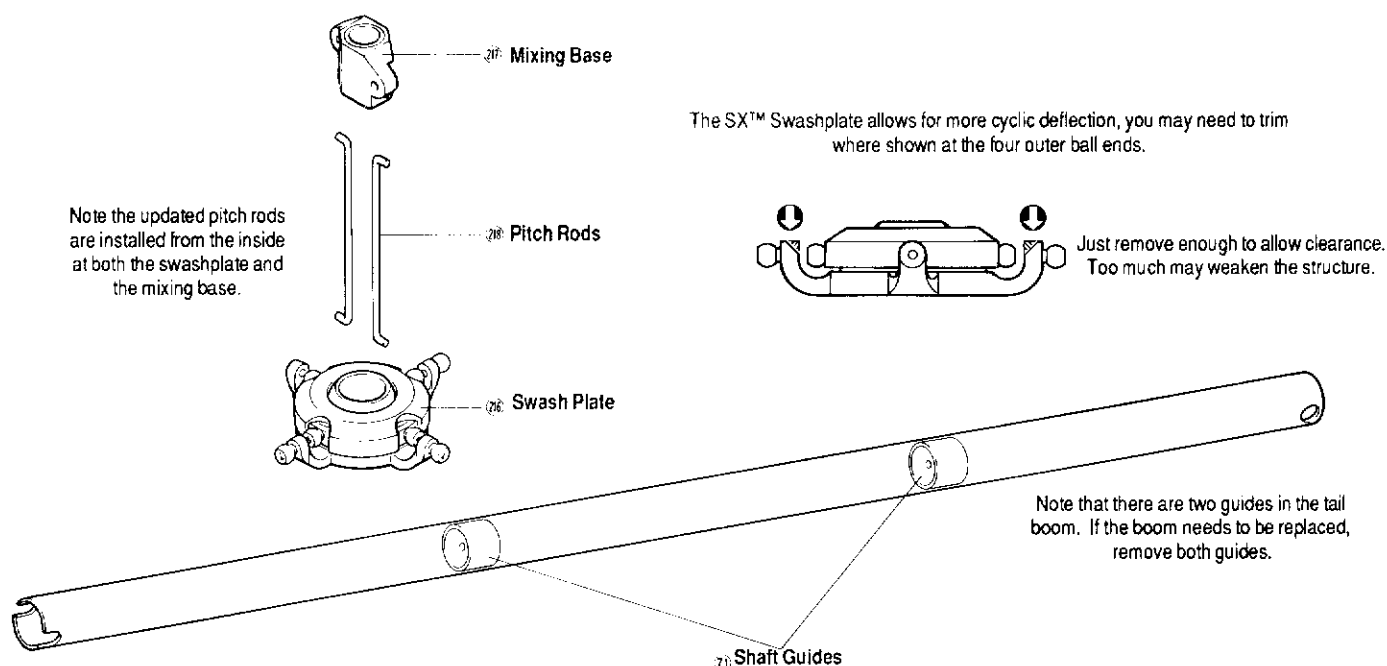
33 INSTALLATION OF THE BODY

Pull out the body slightly to allow clearance of the frame.

Make sure that the body mounts slide together.



PARTS REPLACEMENT (FOLLOW PAGE 26 WHEN DISASSEMBLING NOTING THE DIFFERENCES BELOW.)



ADDITIONAL PARTS LIST FOR CONCEPT 30 SX™

Key #	Part	Quantity	Key #	Part	Quantity	Key #	Part	Quantity
200	Stabilizer See-Saw	1	210	Tail Blades	2	220	Fore/Aft Cyclic Control Rod	1
201	Stabilizer Paddles	2	211	Pivot Ball	6	221	Left/Right Cyclic Control Rod	1
202	Flapping Damper	2	212	Pivot Ball (flanged)	9	222	Throttle Control Rod	1
203	Thrust Bearing Spacer	2	213	Body	1	223	Collective Pitch Control Rod	1
204	Thrust Bearing	2	214	Canopy	1	224	Tail Rotor Control Rod	1
205	Main Rotor Grip (A)	2	215	Decal Sheet	1	225	Control Rod Supports	2
206	Main Rotor Grip (B)	2	216	Swash Plate	1	226	Clutch Bearings	2
207	Threaded Insert(s)	3	217	Mixing Base	1	227	Clutch	1
208	Clutch Bell	1	218	Pitch Rods	2			
209	Clutch Lining	1	219	Tracking Tape	1			

PURCHASING PARTS FOR KIT (SPECIAL CONCEPT 30 SX™ PARTS)

You can easily purchase replacement parts for your kit. All of the parts that are identified by key numbers (see above) are usually not available singularly, but we offer these parts in convenient parts "packs" which can be purchased separately. To figure out which parts pack you need, find the key number for that part within the manual. Then consult our parts pack guide below. When referring to the parts you need, always use the parts pack number. For instance, if you need a throttle control rod (key #222) ask your dealer for Kyosho parts pack H-3212 (Servo Ball Link Set).

- For parts other than listed here refer to pages 27 through 35 of the main manual.

Stock #	Parts Pack	Description	Contains
KYOE1075	H-3238	Main Rotor Grip	205 206 207 × 2
KYOE1145	H-3239	Stabilizer Blade	201 × 2
KYOE1155	H3240	Stabilizer See-Saw	202 × 1
KYOE1135	H-3241	Thrust Bearing	203 × 2 204 × 2
KYOE1125	H-3242	Swash Plate	216 × 1
KYOE3095	H-3243	Tail Rotor Set	224 × 2
KYOE4105	H-3244	Body Set	213 × 1
KYOE4107	H-3245	Canopy Set	214 × 1
KYOE4055	H-3246	Decal Sheet	215 × 1

Stock #	Parts Pack	Description	Contains
KYOE5015	H-3217	Hard Dampers	200 × 10
KYOE5042	H-3221	Drive Gear/Clutchbell	208 209 × 1
KYOE5038	H-3211	Metal Joint Set	211 × 3
KYOE5052	H-3220	Tracking Tape	219 × 1
KYOE5054	H-3212	Servo Ball Link Set	220 221 222 223 × 1 224 × 9
KYOE5105	H-3234	Metal Mixing Base	200 × 1 201 × 2
KYOE5050	H-3209	Tail Link Guide	207 × 2
KYOE5044	H-3222	Clutch Bearings	226 × 2



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