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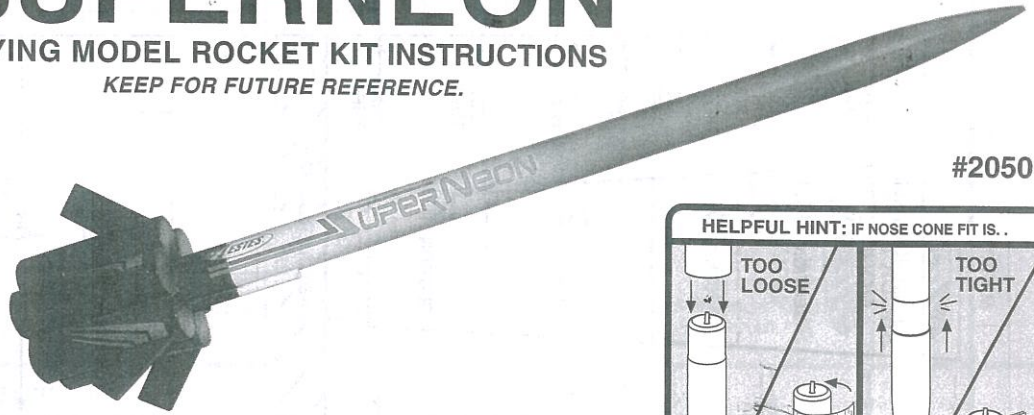
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Penrose, CO 81240-0227

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# SUPERNEON™

## FLYING MODEL ROCKET KIT INSTRUCTIONS

KEEP FOR FUTURE REFERENCE.

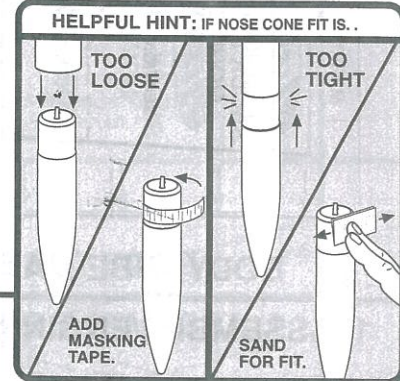


#2050

### ASSEMBLY TIP

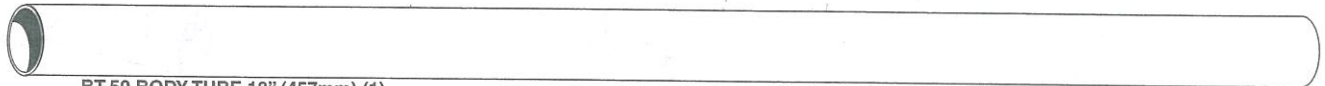
Read all instructions before beginning work on your model. Make sure you have all parts and supplies.

**TEST-FIT ALL PARTS TOGETHER BEFORE APPLYING ANY GLUE.** If any parts don't fit properly, sand as required for precision assembly.

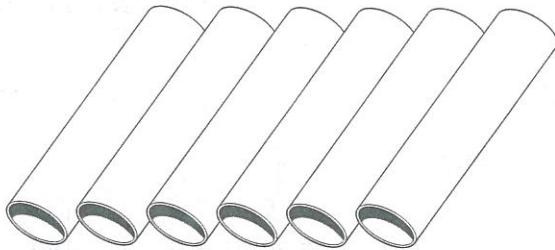


### PARTS

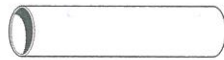
Locate the parts shown below and lay them out on the table in front of you. **DO NOT USE THIS DRAWING TO ASSEMBLE YOUR ROCKET.**



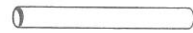
BT-50 BODY TUBE 18" (457mm) (1) (30352)



BT-50 FIN TUBES 3-1/2" (89 mm) (6) (30357)



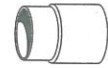
BT-20 ENGINE MOUNT TUBE 2-3/4" (69.9 mm) (1) (30408)



LL-2B LAUNCH LUG 1/8" (3 mm) x 2-3/8" (60 mm) (1) (38178)



PNC-50YR NOSE CONE (1) (72604)



NOSE CONE INSERT (1) (72605)



AR520 GREEN ENGINE BLOCK (1) (30162-2)



RUBBER SHOCK CORD 1/8" X 24" (3 mm X 610 mm) (1) (38367)

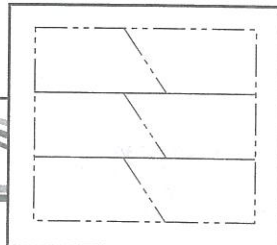
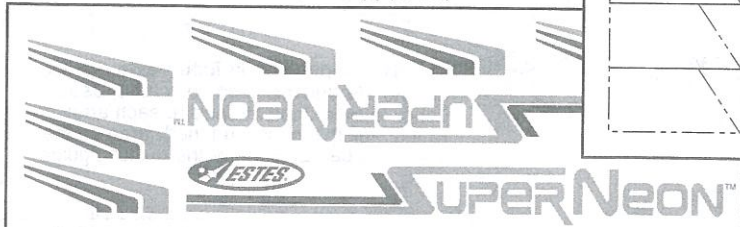


2050L ADAPTER RING GREEN (1) (30165-2)

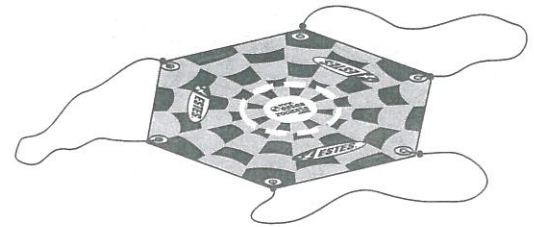


EH-2A ENGINE HOOK (1) (35021)

DECAL SHEET (1) (37491)



LASER CUT BALSA FIN SHEET (1) (32784)



ASSEMBLED PARACHUTE 12" (305 mm) (1) (35801)

### SUPPLIES

In addition to the parts included in the kit you will also need:



SCISSORS



PENCIL



RULER



FINE SAND PAPER (#220-400 GRIT)



CARPENTER'S GLUE



MODELING KNIFE



PLASTIC CEMENT



MASKING TAPE



SPRAY PRIMER (WHITE)



SPRAY PAINT WHITE, NEON BLUE, NEON PURPLE

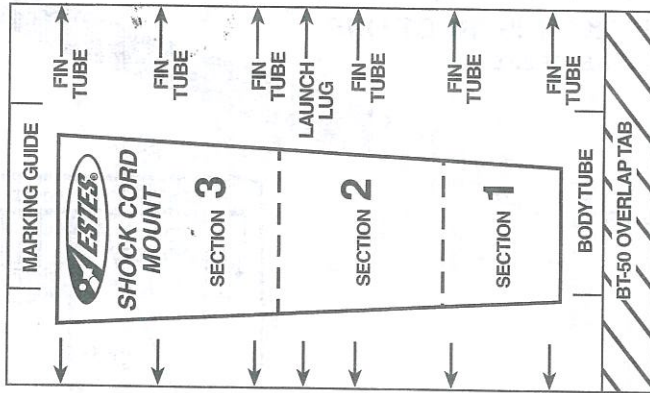


SPRAY CLEAR COAT (OPTIONAL)

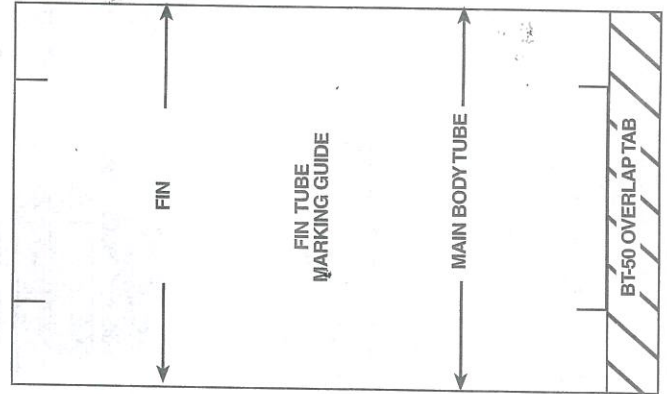


RUBBER BANDS

# TUBE MARKING GUIDES AND SHOCK CORD MOUNT (Make a copy if you want to keep instructions.)

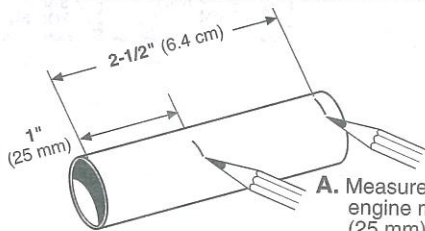


**BODY TUBE MARKING GUIDE**

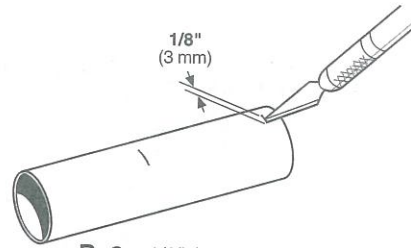


**FIN TUBE MARKING GUIDE**

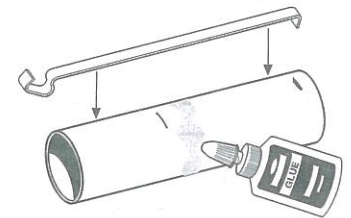
## 1. ASSEMBLE ENGINE MOUNT



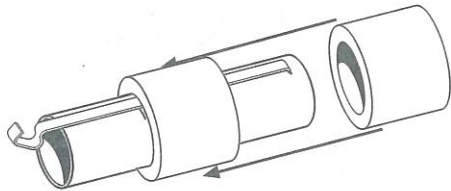
**A.** Measure and mark engine mount tube at 1" (25 mm) and 2-1/2" (64 mm).



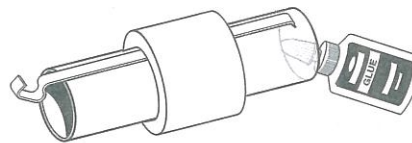
**B.** Cut 1/8" (3 mm) slit at 2-1/2" (64 mm) mark.



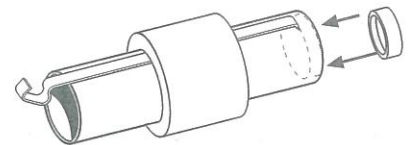
**C.** Apply glue around tube just above the 1" (25 mm) mark. Position and insert engine hook into slit as shown.



**D.** Push adapter ring onto engine mount tube to the 1" (25 mm) mark.

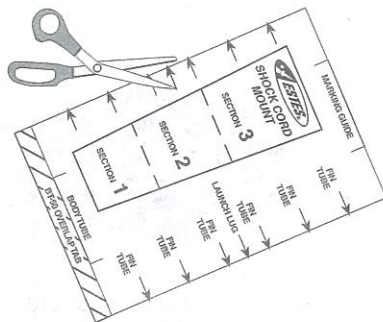


**E.** Apply glue inside engine mount tube.

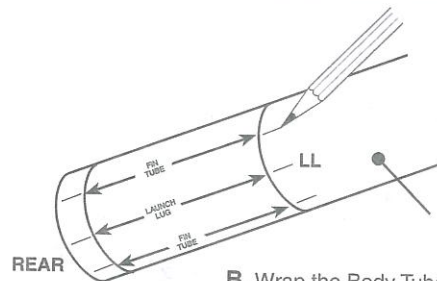


**F.** Insert engine block ring. Let assembly dry completely.

## 2. MARK FIN AND LAUNCH LUG LINES

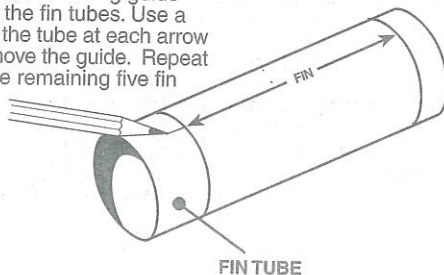


**A.** Cut out the two tube marking guides from this page. Do not cut out the shock cord mount at this time.



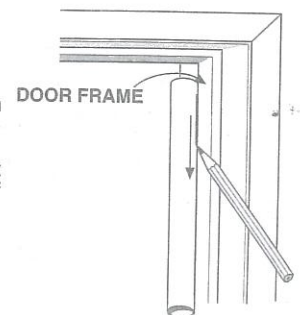
**B.** Wrap the Body Tube marking guide around the main body tube. Use a pencil to mark tube at each arrow. At the launch lug mark write on the tube LL. Remove the marking guide.

**C.** Wrap the Fin Tube marking guide around one of the fin tubes. Use a pencil to mark the tube at each arrow point, then remove the guide. Repeat this step for the remaining five fin tubes.



FIN TUBE

**D.** Hold the body tube against a door frame. Align the LL pair of marks on the body tube with the door stop then draw a light pencil line the length of the body tube. Align the remaining marks with the stop and draw a light pencil line 3" (76mm) from the end of the tube. Repeat for the fin tubes drawing a light pencil line the entire length of the tube a each pair of marks.



DOOR FRAME