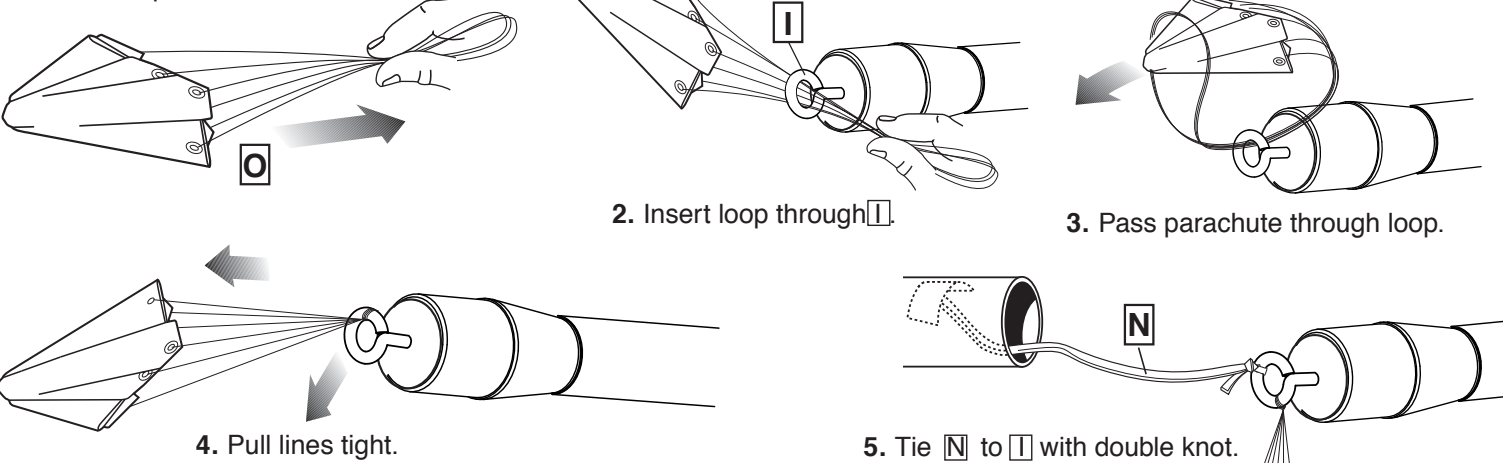


- Cut the decal to be applied from the decal sheet, trimming close to the decal edge.
 - Hold the decal in warm water until decal begins to curl.
 - Remove the entire decal, position in place and slide the decal backing material from under the decal and onto the model as close to final position as possible.
 - Gently blot out excess water with a clean paper towel.
 - Allow decals to set overnight before applying protective clear coat.
20. When decals are dry, spray entire rocket (upper and lower rocket sections separately) with a light coat of Testors Gloss Lacquer (#1961). This will provide added protection and shine to your STRATOCRUISER™ rocket!

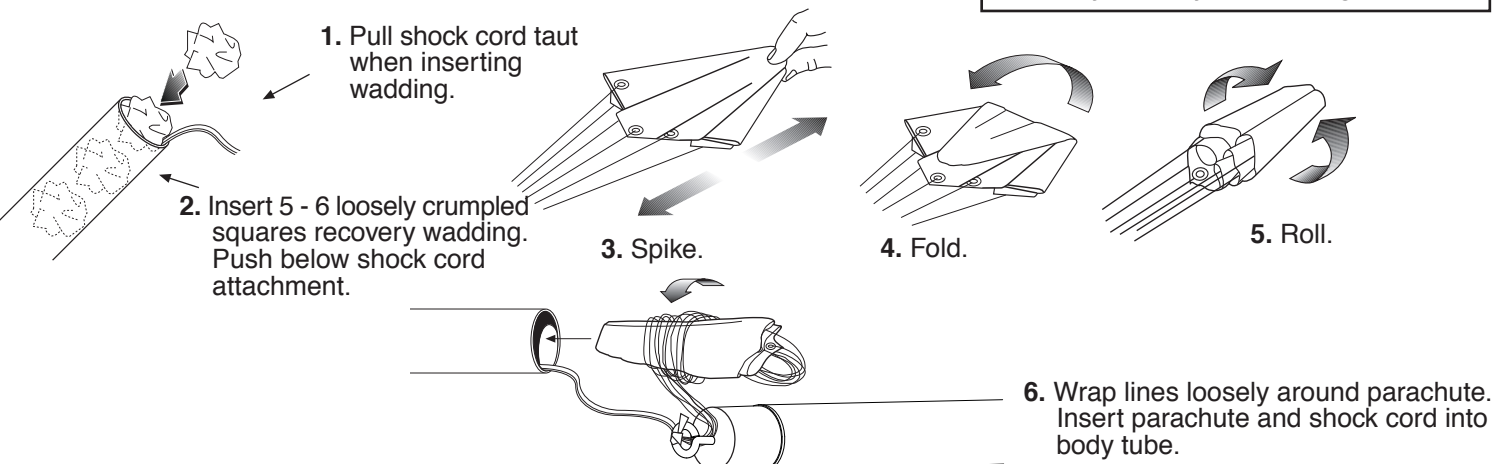
RECOVERY SYSTEM ATTACHMENT

1. Form loop with shroud lines.



FLIGHT RECOVERY PREPARATION

NOTE: Only Estes Recovery Wadding (302274) recommended.

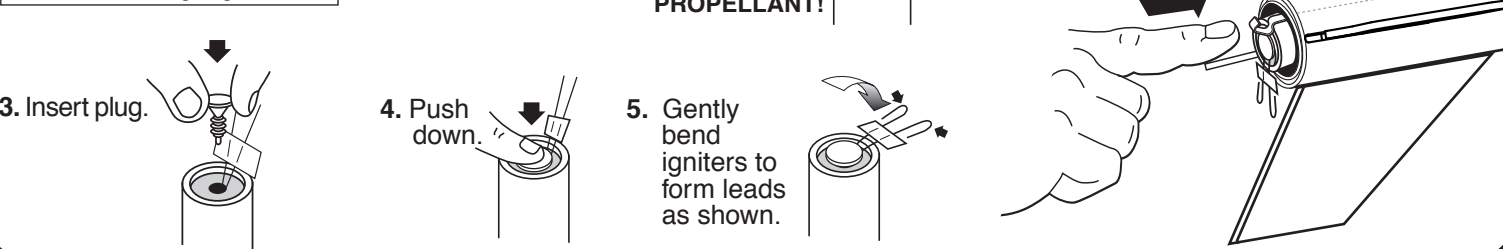


NOTE: Recovery wadding and parachute must slide easily into body tube. If too tight, redo.

ENGINE PREPARATION

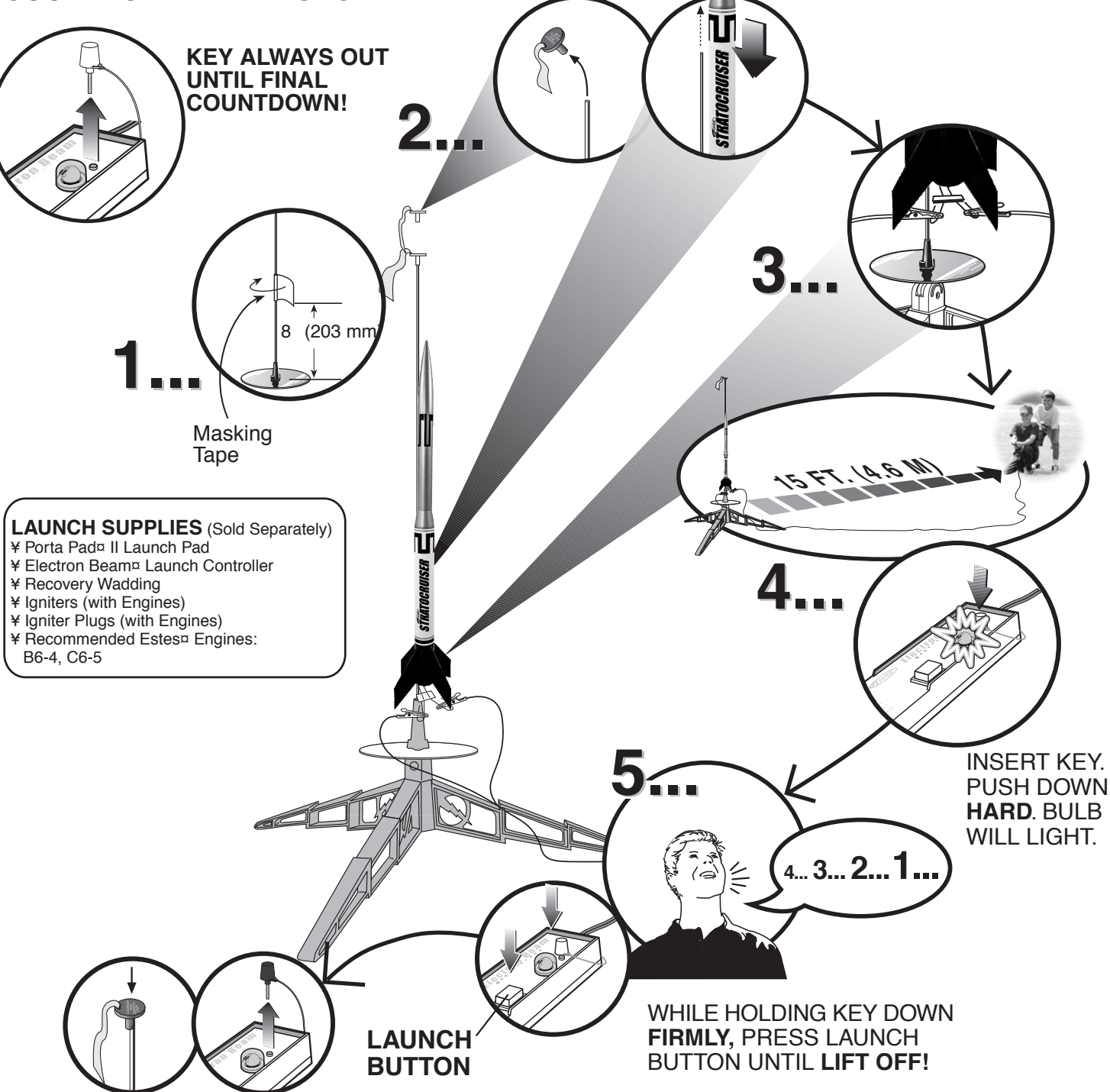
⚠ WARNING: FLAMMABLE

To avoid serious injury, read instructions & NAR Safety Code included with engines. **PREPARE ENGINE ONLY WHEN YOU ARE OUTSIDE AT THE LAUNCH SITE PREPARING TO LAUNCH!** If you do not use your prepared engine, remove the igniter before storing engine.



IGNITER TIP MUST TOUCH PROPELLANT!

COUNTDOWN AND LAUNCH



PRECAUTIONS



Estes-Cox Corp.
1295 H Street, PO Box 227
Penrose, CO 81240-0227
Printed in Guangdong, China

STRATOCRUISER™

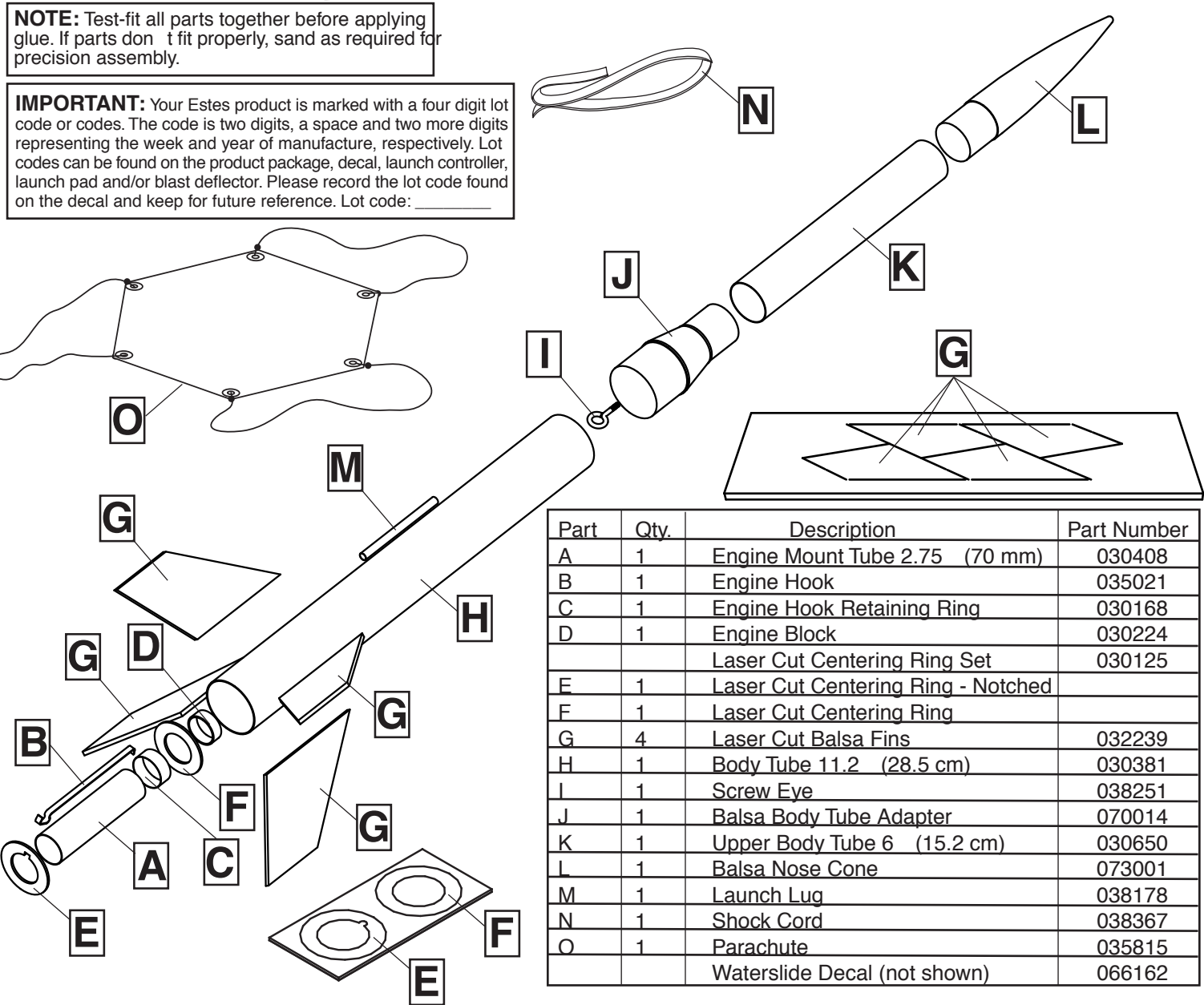
#7215

FLYING MODEL ROCKET KIT INSTRUCTIONS
KEEP FOR FUTURE REFERENCE

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

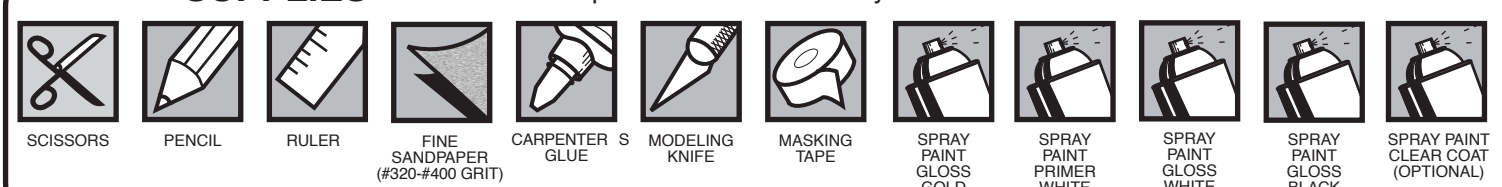
NOTE: Test-fit all parts together before applying glue. If parts don't fit properly, sand as required for precision assembly.

IMPORTANT: Your Estes product is marked with a four digit lot code or codes. The code is two digits, a space and two more digits representing the week and year of manufacture, respectively. Lot codes can be found on the product package, decal, launch controller, launch pad and/or blast deflector. Please record the lot code found on the decal and keep for future reference. Lot code: _____

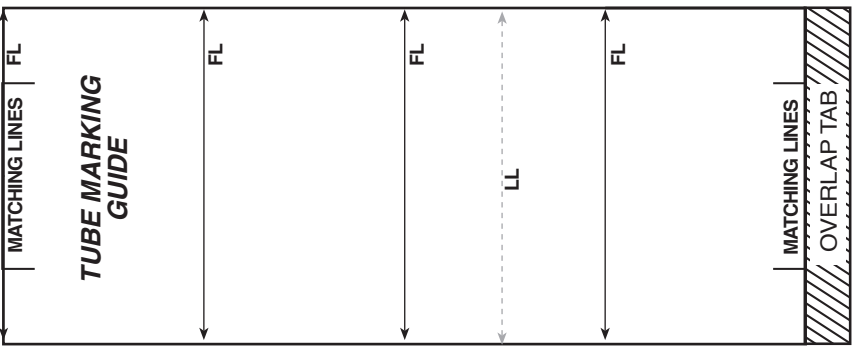
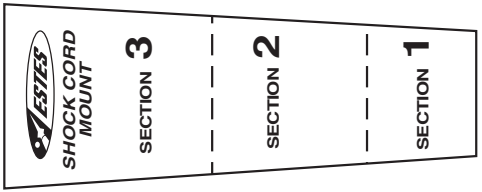


SUPPLIES

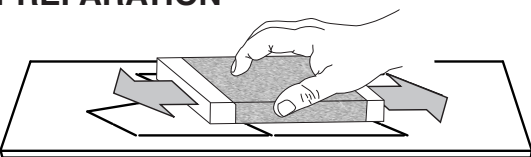
In addition to the parts included in the kit you will also need:



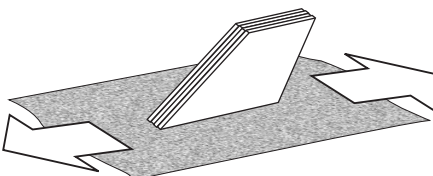
TUBE MARKING GUIDE
(Make a copy if you want to keep instructions.)



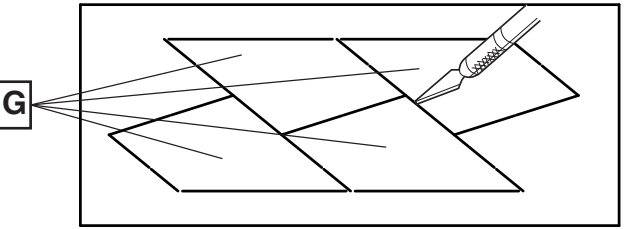
FIN PREPARATION



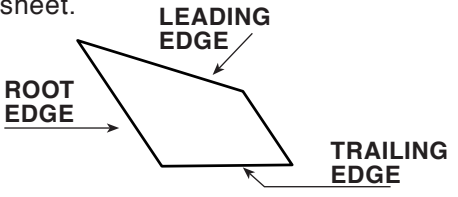
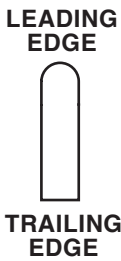
1. Sand both sides of balsa sheet with fine sandpaper (#320 or #400 grit).



3. Stack fins together. Sand edges smooth.

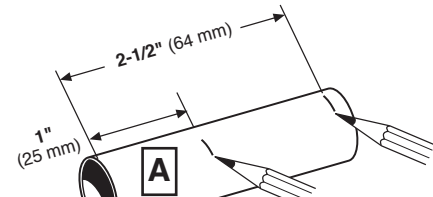


2. Cut **G** from sheet.

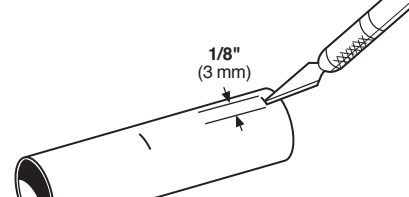


4. Round leading edges. **DO NOT** sand root edges round.

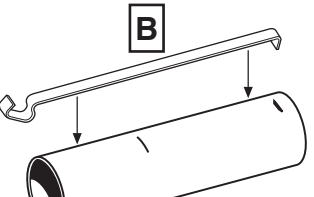
ENGINE MOUNT ASSEMBLY



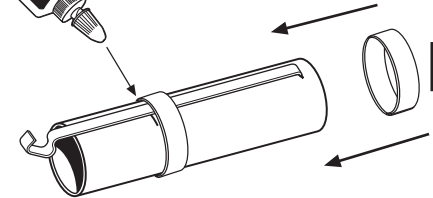
1. Measure and mark **A**.



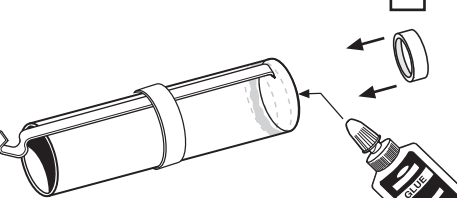
2. Cut slit at mark.



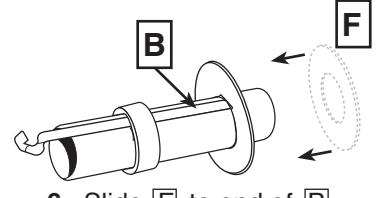
3. Insert **B** in slit.



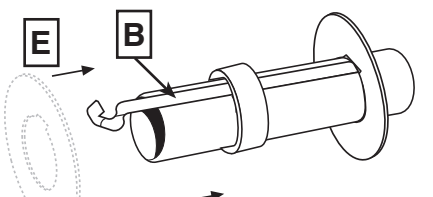
4. Apply ring of glue forward of mark. Slide **C** to mark.



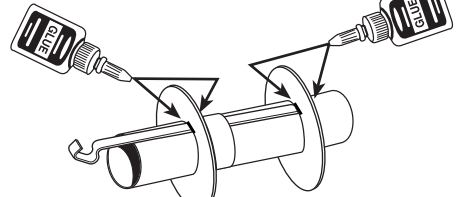
5. Apply ring of glue inside end of **A**. Insert **D** until it stops.



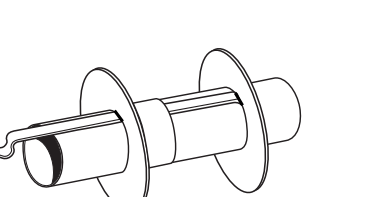
6. Slide **F** to end of **B**.



7. Slide **E** with notch centered over **B** to 1" (25 mm) mark.

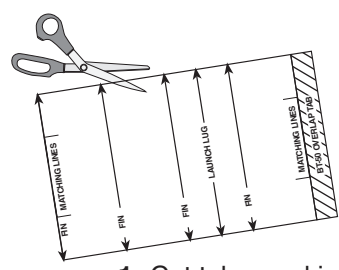


8. Apply ring of glue to both sides of **E** and **F**. Let dry.

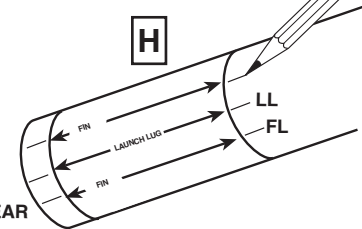


Complete Assembly

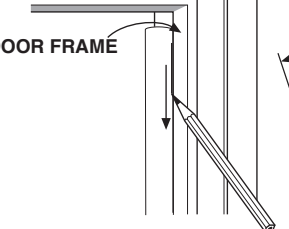
TUBE MARKING



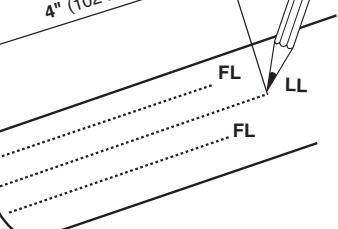
1. Cut tube marking guide from instructions.



2. Tape guide around **H**. Mark launch lug **LL** and fin lines **FL**. Remove guide.

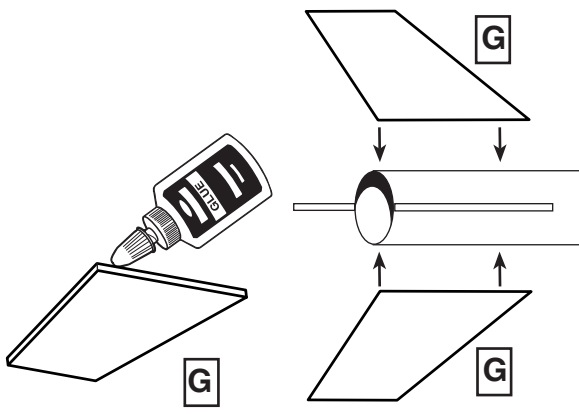


3. Connect **FL** and **LL** on **H**. Use door frame as a straight edge.

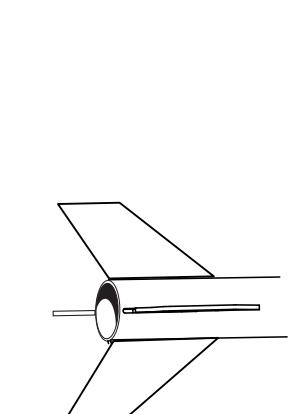


4. Measure and Mark **LL** from end of **H**.

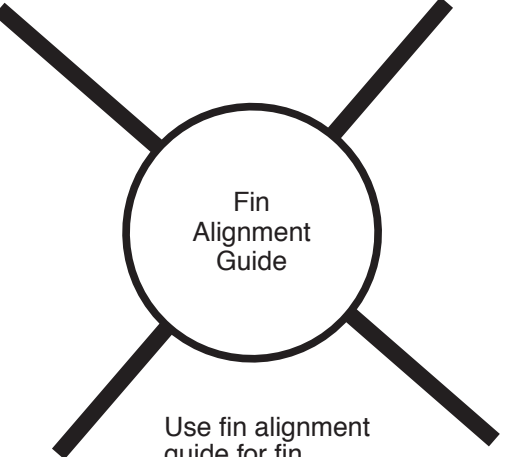
FIN ATTACHMENT



1. Apply glue to root edge of **G**. Let dry 1 minute. Apply 2nd layer of glue. Center **G** over **FL** even with end of **H**.

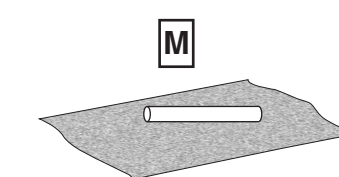


2. Repeat for remaining **G**. Let dry.

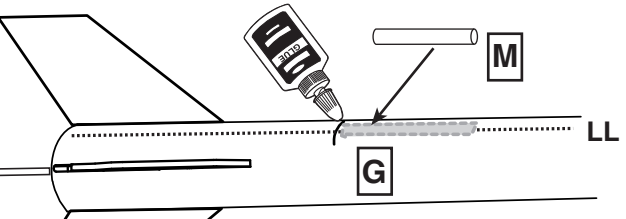


Use fin alignment guide for fin attachment accuracy.

LAUNCH LUG ATTACHMENT



1. Sand **M** with fine sandpaper.

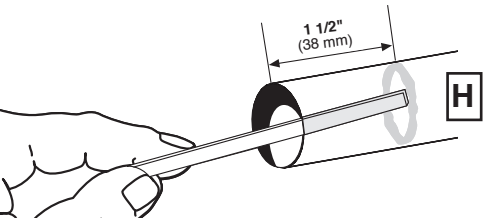


2. Apply glue on **LL** forward of mark. Let dry.

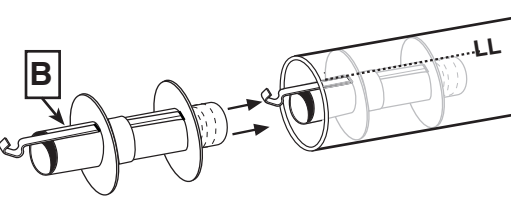
3. Position **M** centered on **LL** forward of mark. Let dry.

ENGINE MOUNT ATTACHMENT

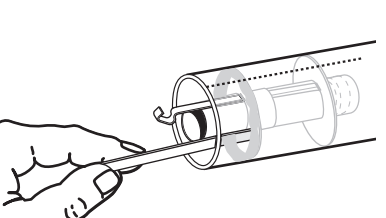
NOTE: Fin removed from drawing for clarity.



1. Apply ring of glue inside of **H**.

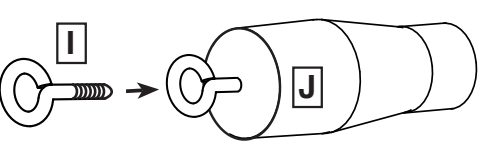


2. Align **B** with **LL** and slide engine mount assembly into **H** even with end.

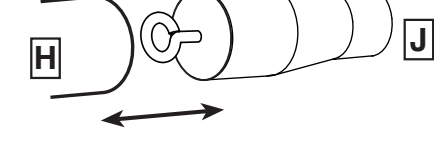


3. Apply ring of glue around edge of **E** inside of **H**. Let dry.

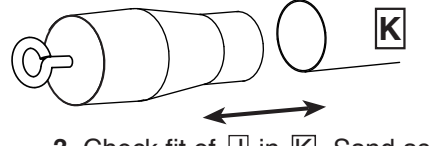
UPPER BODY TUBE ASSEMBLY



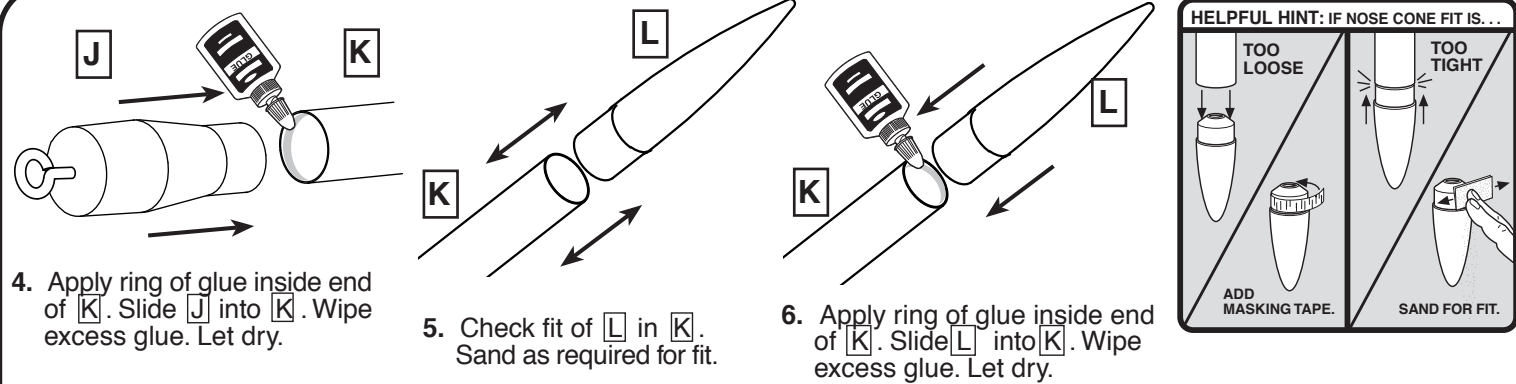
1. Screw **I** centered into **J**.



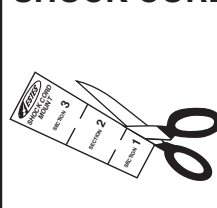
2. Check fit of **J** in **H**. Sand as required for fit.



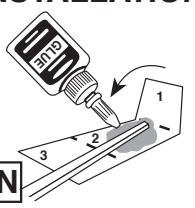
3. Check fit of **J** in **K**. Sand as required for fit.



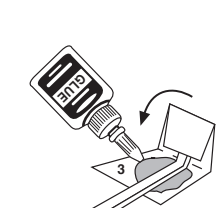
SHOCK CORD INSTALLATION



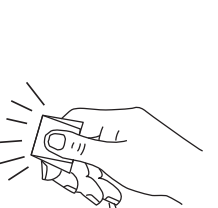
1. Cut shock cord mount from instructions.



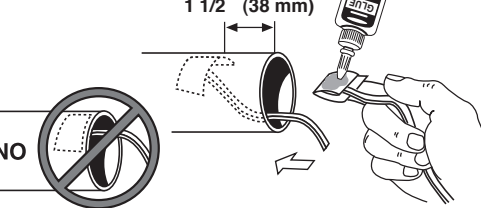
2. Apply glue to section 2. Place **N** on glue. Fold forward.



3. Apply glue and fold forward.



4. Squeeze tight!



5. Apply glue to shock cord mount and insert in body tube. Hold until glue sets. Let dry.

ROCKET FINISHING

NOTE: We have found Testors One Coat Lacquer, Testors Model Master spray paints (color of your choice) and Testors Gloss Lacquer (#1961) to be excellent for providing a long lasting and durable finish on your rocket. Always be sure to spray your models outside or in a well ventilated area.

STEPS TO A QUALITY FINISH

- Insert shock cord into body tube and hold in place with paper.
- Lightly sand body tube, fins and nose cone with fine sandpaper (#320 or #400 grit).
- Apply glue fillets to fin joints and launch lug.
 - Allow glue to dry overnight.
- Use a stick inserted into the motor tube end of the lower rocket section for painting.
- Hold the upper rocket section by the screw eye with a clip or pliers for painting.
- Apply 1-2 light coats of white primer to upper and lower rocket body sections. Sand lightly between coats with fine sandpaper (#320 or #400 grit).
 - Allow to dry between each coat.
- Spray paint entire lower rocket body gloss white.
 - Allow paint to dry overnight (24 hours is best).
- For detailed painting measurements, please refer to the rocket image.**
- To paint the fins black, measure 1/4" (6 mm) above fins and apply ring of masking tape.
- Cover exposed white body tube with tape and protective cover.
- Spray paint fins gloss black.
 - Allow paint to dry overnight (24 hours is best). Remove tape and protective cover from white.
- To create the gold stripes, measure 3/4" (19 mm) above end of black on fins and apply ring of masking tape below (toward the black fins) the mark.
- Measure 1/8" (3 mm) above masking tape and apply ring of masking tape around rocket.
- Measure 1/8" (3 mm) down from the open end of main body tube and apply ring of masking tape around end.
- Measure 1/8" (3 mm) and apply ring of masking tape around rocket.
- Apply protective cover over white and between stripes.
- Apply protective cover over black fins.
- Spray paint exposed stripes gold.
 - Allow paint to dry overnight (24 hours is best).
- Spray upper rocket section gold.
 - Allow paint to dry overnight (24 hours is best).
- Apply waterslide decals where shown.

