

PRECAUTIONS



















PRE-LAUNCH CHECK

For safety, never launch a damaged rocket. Check the rocket's body, nose cone and fins. Also, check the engine mount, recovery system and launch lug(s). Repair any damage before launching the rocket.

FLYING YOUR ROCKET

Choose a large field (500 ft. [152 m] square) free of dry weeds and brown grass. The larger the launch area, the better your chance of recovering your rocket. Football fields and playgrounds are great. Launch only with little or no wind and

Always follow the enclosed National Association of Rocketry (NAR) SAFETY CODE.

MISFIRES

TAKE THE KEY OUT OF THE CONTROLLER, WAIT ONE MINUTE BEFORE GOING NEAR THE ROCKET! Disconnect the igniter clips and remove the engine. Take the plug and igniter out of the engine. If the igniter has burned, it worked but did not ignite the engine because it was not touching the propellant inside the engine. Put a new igniter all the way inside the engine without bending it. Push the plug in place. Repeat the steps under Countdown and Launch.

© 2003-2009 Estes-Cox Corp. All rights reserved. PN 60538 (4-09)



ESTES-COX CORP. 1295 H Street, P.O. Box 227 Penrose, CO 81240-0227

PRINTED IN CHINA

RENEGADE-D FLYING MODEL ROCKET KIT INSTRUCTIONS

KEEP FOR FUTURE REFERENCE

ASSEMBLY TIP: Read all instructions before beginning work

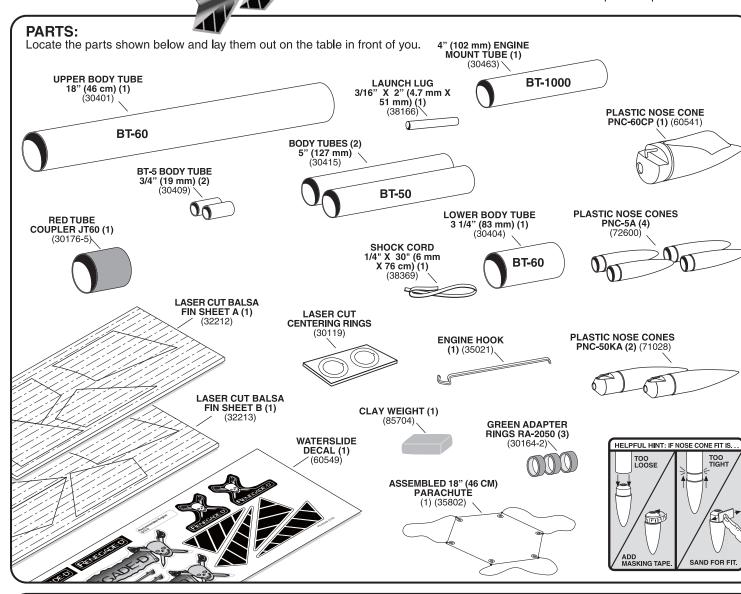
on your model. Make sure you

have all parts and supplies.

#2410

TEST-FIT ALL PARTS TOGETHER BEFORE APPLYING ANY GLUE!

If any parts don't fit properly, sand as required for precision assembly.















SAND PAPER (#320-#400 GRIT)





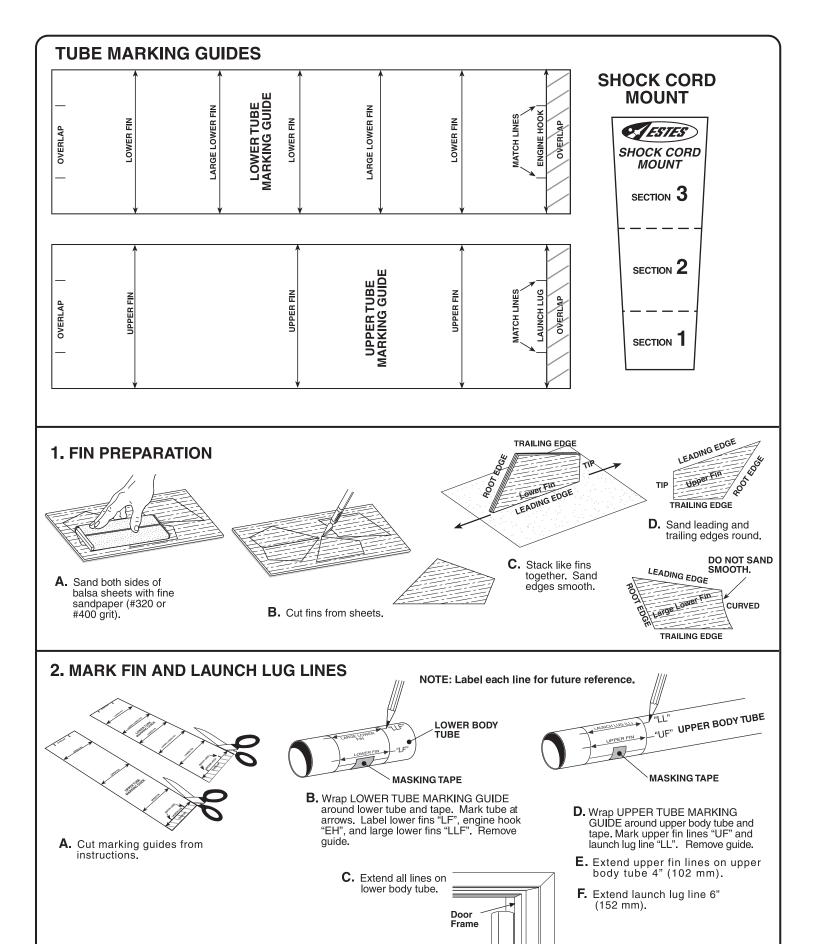






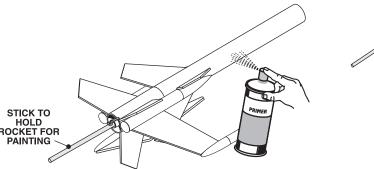






16. FINISHING ROCKET

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.

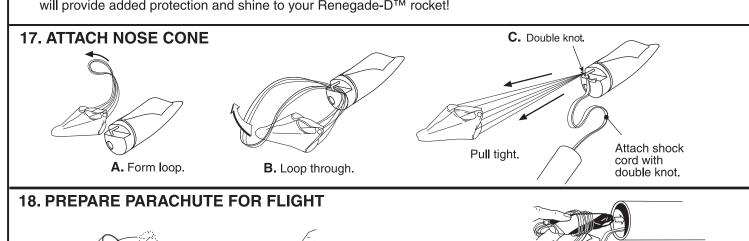


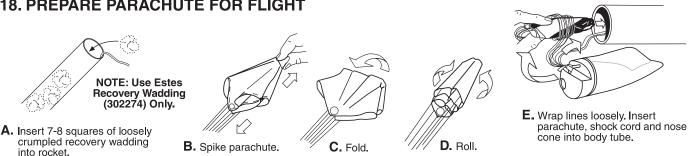


Spray Pods

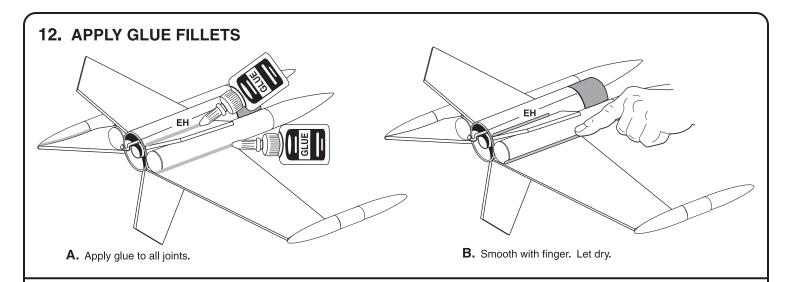
Steps to a quality finish:

- 1. Insert shock cord into body tube and hold in place with paper.
- 2. Lightly sand body tube and fins with fine sandpaper (#320 or #400 grit).
- 3. Use a stick inserted into the engine mount end of the rocket for painting.
- 4. Insert a stick into the open end of the nose cone to hold while painting.
- 5. We recommend a good filler/primer to be applied to the balsa fins before painting.
- 6. After priming the rocket and nose cone, sand smooth in preparation for color.
- 7. Spray paint main rocket and nose cone glossy black.
- 8. Let paint dry overnight (24 hours is best)
- 9. Apply masking tape around the center of the pods and protective cover to the fins below the pods. Cover entire rocket prior to painting to protect against overspray.
- 10. Spray pods bright silver.
- 11. Let paint dry overnight (24 hours is best). Remove tape and protective cover.
- 12. Apply masking tape to top side of fins along main rocket body. Cover rocket to protect from overspray on fins.
- 13. Spray the top half of the fins silver (refer to image above for paint application).
- 14. Let paint dry overnight (24 hours is best). Remove tape and protective cover.
- 15. Apply waterslide decals.
 - A. Cut the decal to be applied from the decal sheet, trimming close to the decal edge.
 - **B.** Hold the decal in warm water until decal begins to curl.
 - **C.** 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.
 - **D.** Gently blot out excess water with a clean paper towel.
 - **E.** Allow decals to set overnight before applying protective clear coat.
- 16. When decals are dry, spray entire rocket (body and nose cone) with a light coat of Testors Gloss Lacquer (#1961). This will provide added protection and shine to your Renegade-D™ rocket!



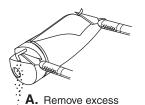


page 2 pag



13. INSTALL NOSE WEIGHT

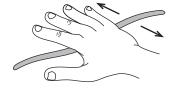


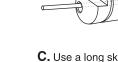


flash and clean

CAUTION:

eyelet of nose cone.





B. Roll clay weight into a thin snake and thread into hole in base of nose cone.

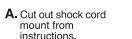
C. Use a long skinny object to tamp clay as far as possible into front of nose cone. *Use* all clay.

14. INSTALL SHOCK CORD MOUNT







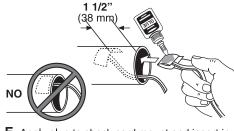




Section 2. Fold forward.

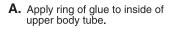


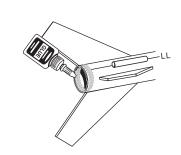
B. Apply glue to mount. Place shock cord on Fold forward. **C.** Apply glue and Fold forward.



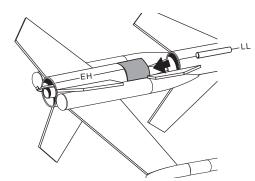
- **E.** Apply glue to shock cord mount and insert in body tube. Hold until glue sets.
- F. Shock cord mount must be at least 1 1/2" (38 mm) inside tube.
- G. Let dry.

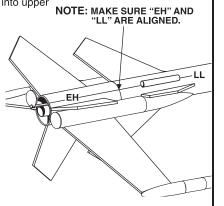
15. ATTACH UPPER BODY TUBE

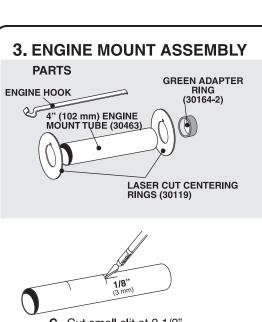




B. Align "LL" with the "EH" line and insert lower assembly into upper assembly as shown. Let Dry.

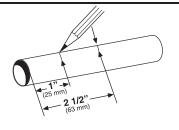






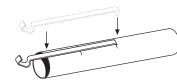


A. Remove centering rings. Save center discs for Step 4.

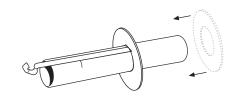


B. Measure and mark engine mount tube.

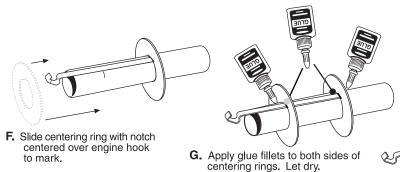
C. Cut small slit at 2 1/2" (63 mm) mark.



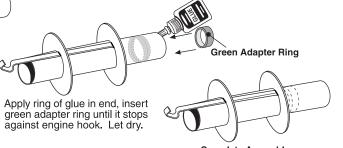
D. Insert engine hook in slit.



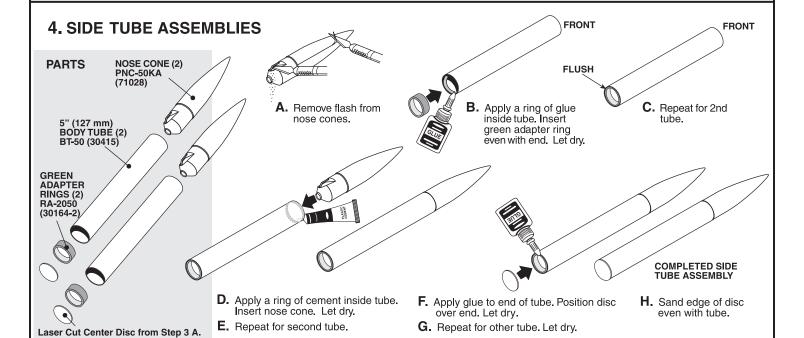
E. Slide centering ring with notch centered **over end** of engine hook.

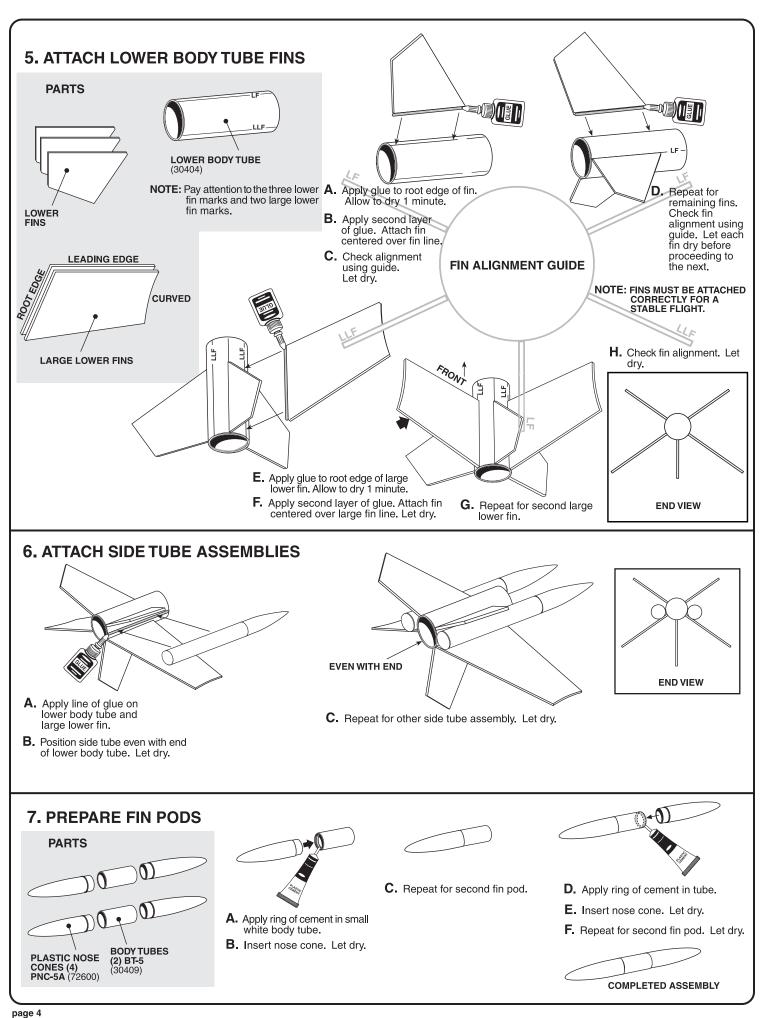


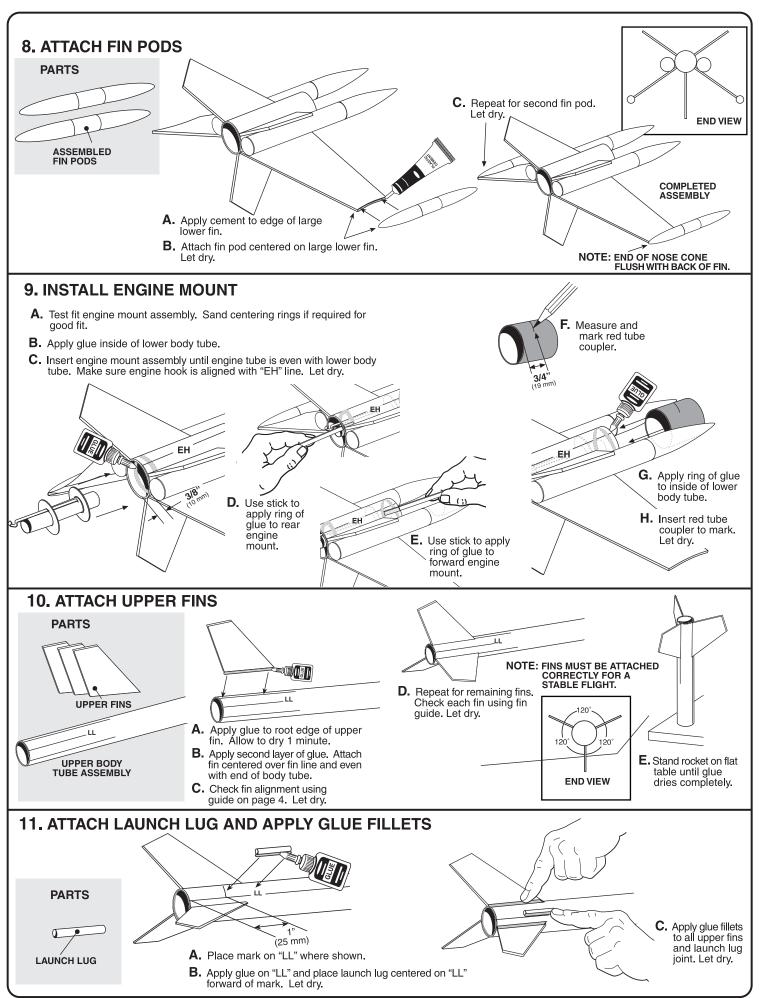
H. Apply ring of glue in end, insert











ge 4 page