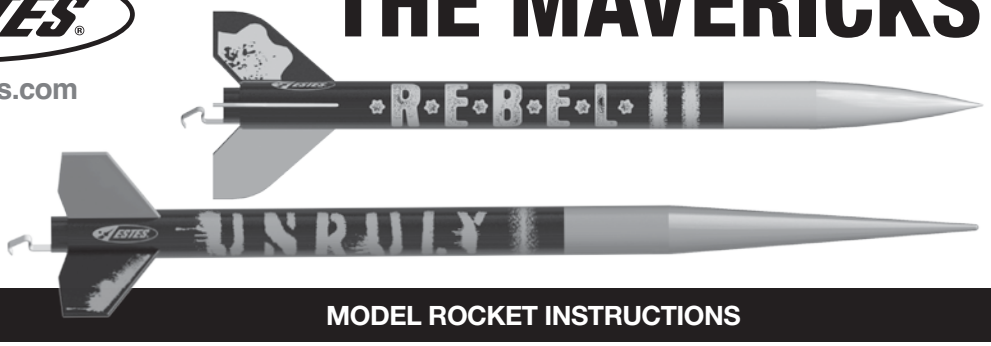
THE MAVERICKS™

1366

estesrockets.com



AGES 10+

Skill Level
INTERMEDIATE

MODEL ROCKET INSTRUCTIONS

KEEP FOR FUTURE REFERENCE

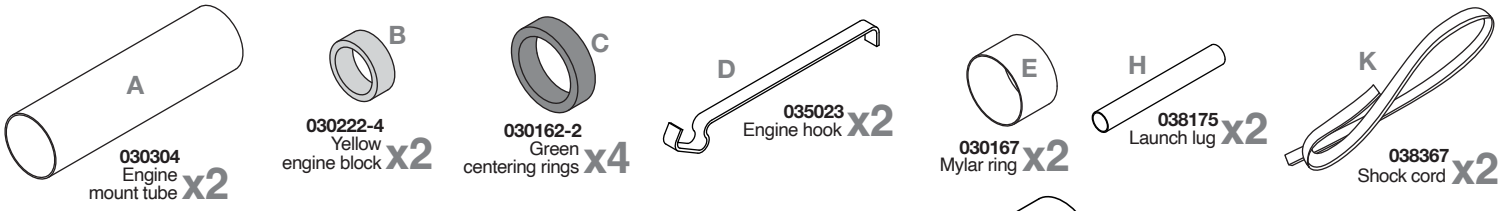
IMPORTANT: Please record date found on decal and keep for future reference. _____

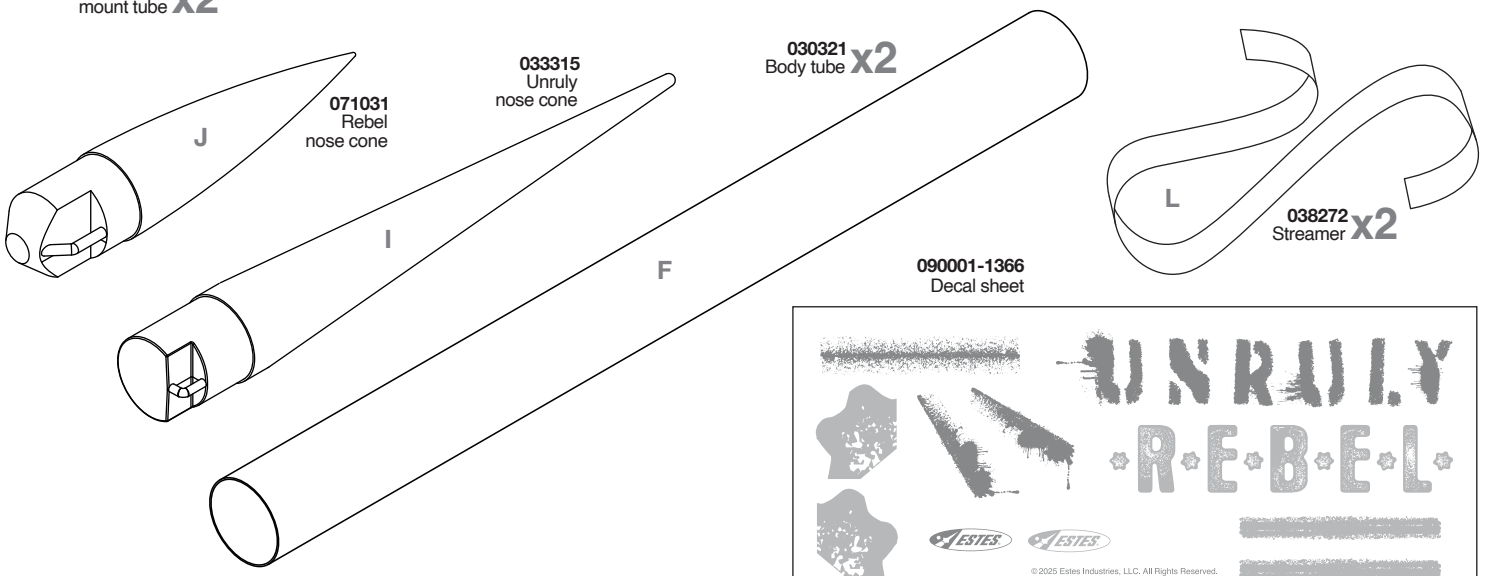
⚠ CAUTION: *May not apply to all kits. For safe handling of plastic cement, epoxy, spray adhesive, CA glue, CA accelerator, paint/finishing materials, see manufacturer's warnings and follow instructions for use. To avoid injury, use extreme caution when using hobby knife, scissors, drills, and any cutting tools.*

SUPPLIES



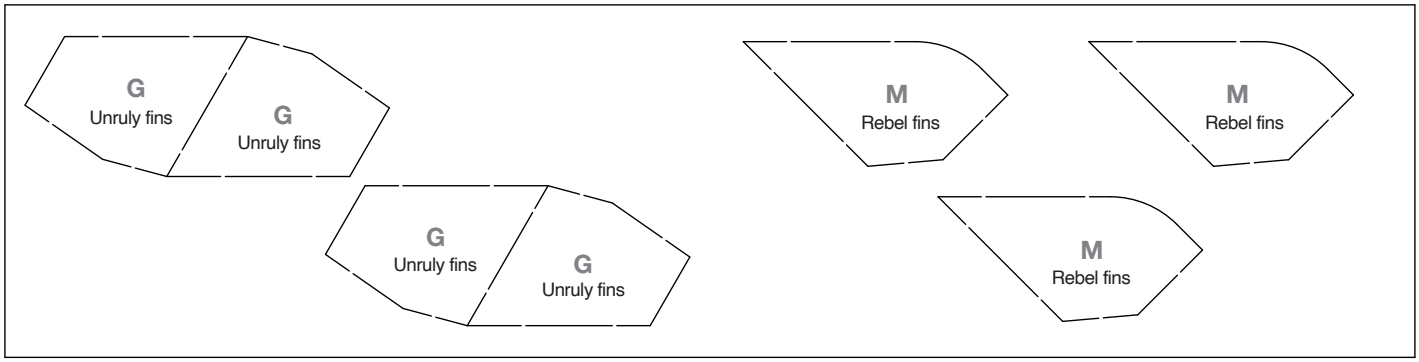
SCISSORS | HOBBY KNIFE | PENCIL | RULER | YELLOW GLUE | FINE SANDPAPER | SANDING BLOCK | MASKING TAPE | WHITE PRIMER | PAINT (listed on pg 4) | CLEAR COAT (optional)



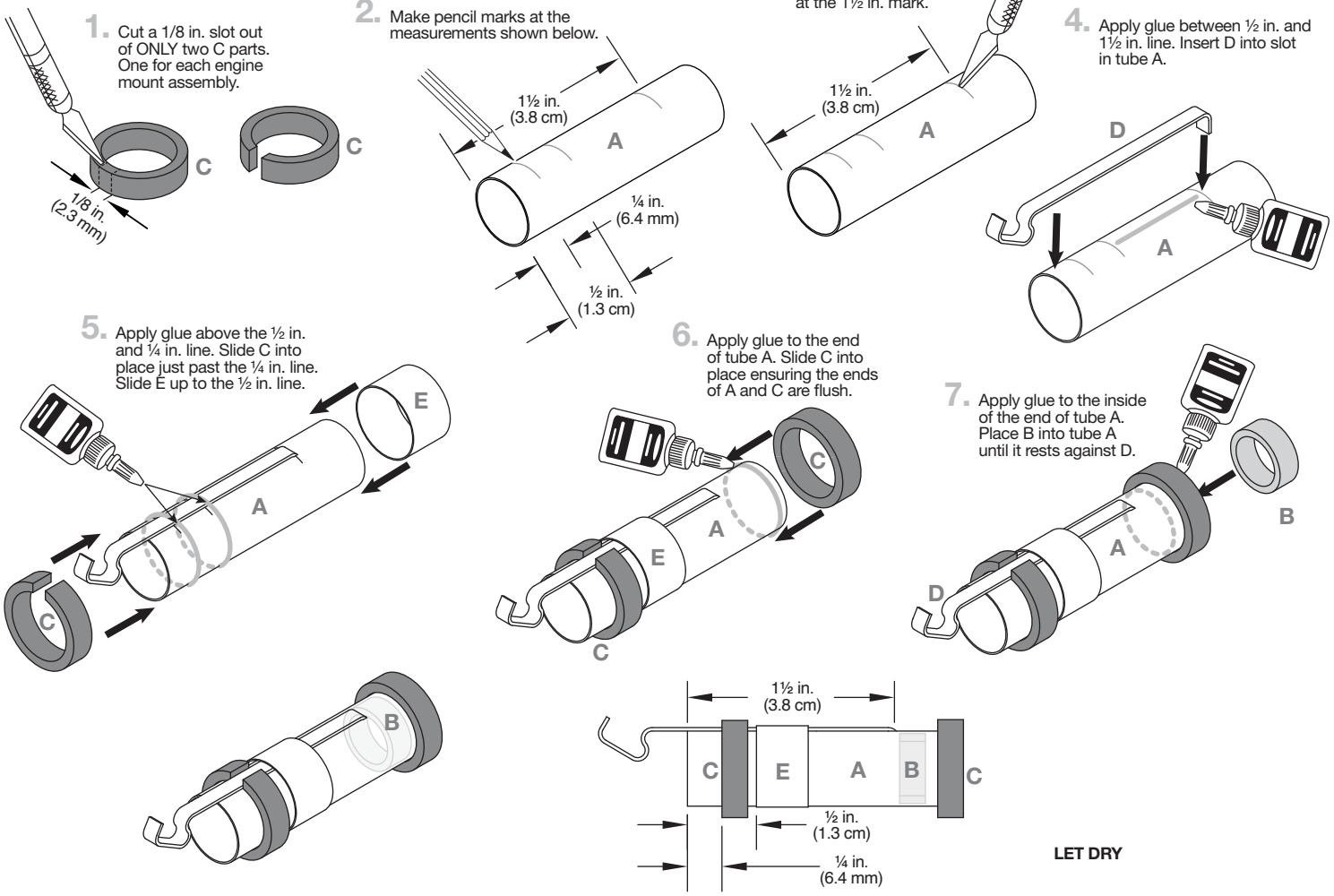


090001-1366
Decal sheet

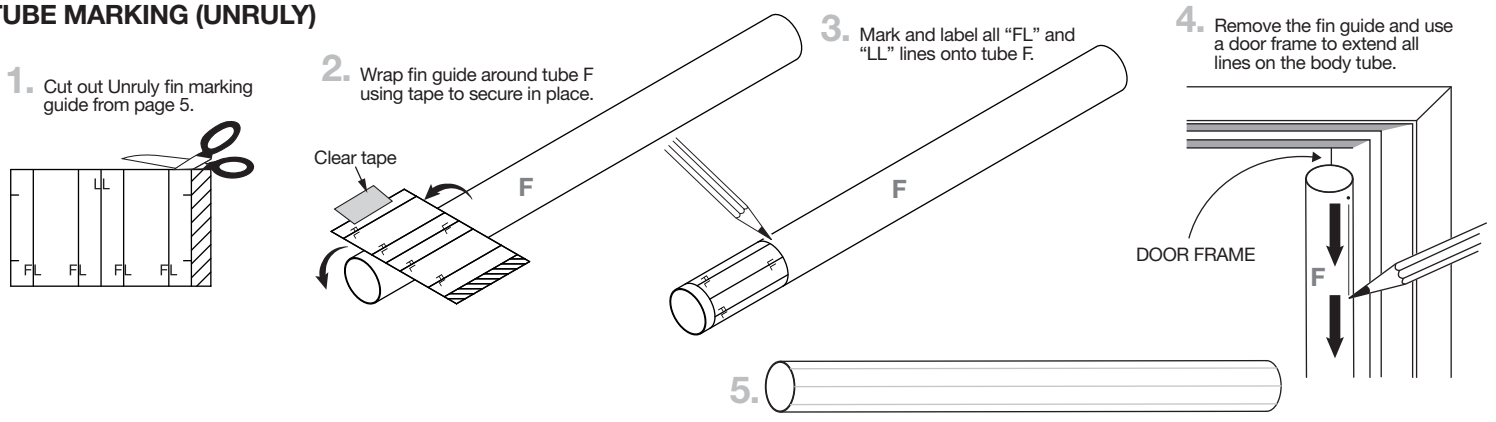
090051-1366
Laser cut balsa sheet



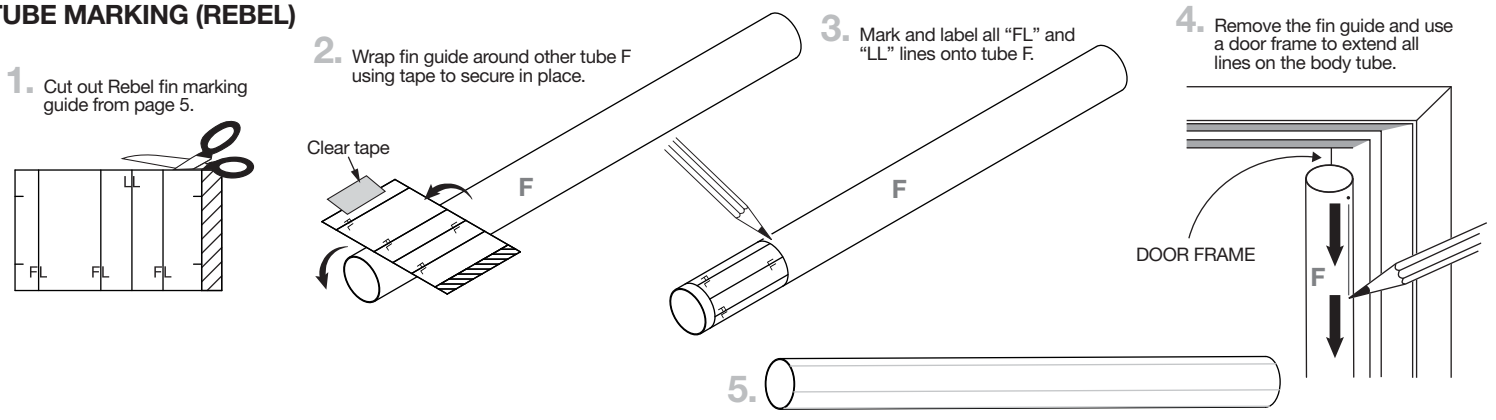
ASSEMBLE ENGINE MOUNT (UNRULY & REBEL)



TUBE MARKING (UNRULY)

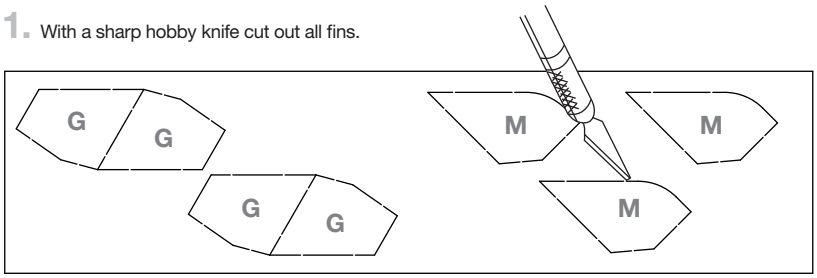


TUBE MARKING (REBEL)

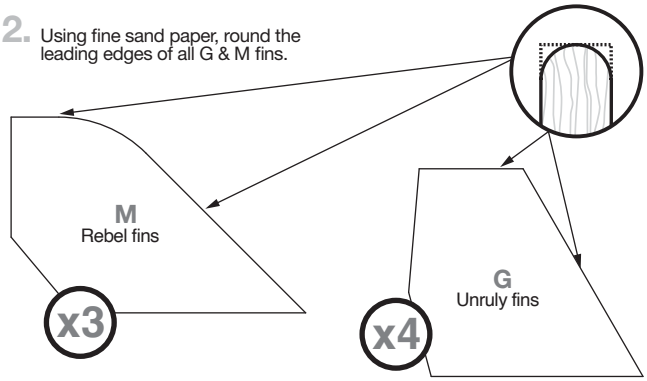


PREPARE FINS (UNRULY & REBEL)

1. With a sharp hobby knife cut out all fins.

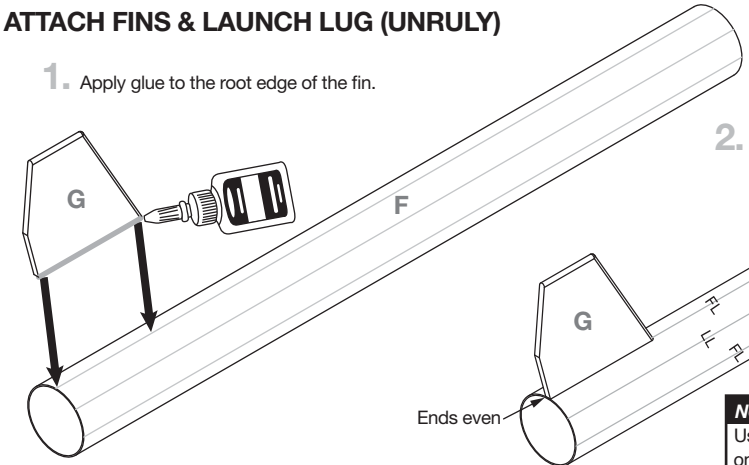


2. Using fine sand paper, round the leading edges of all G & M fins.

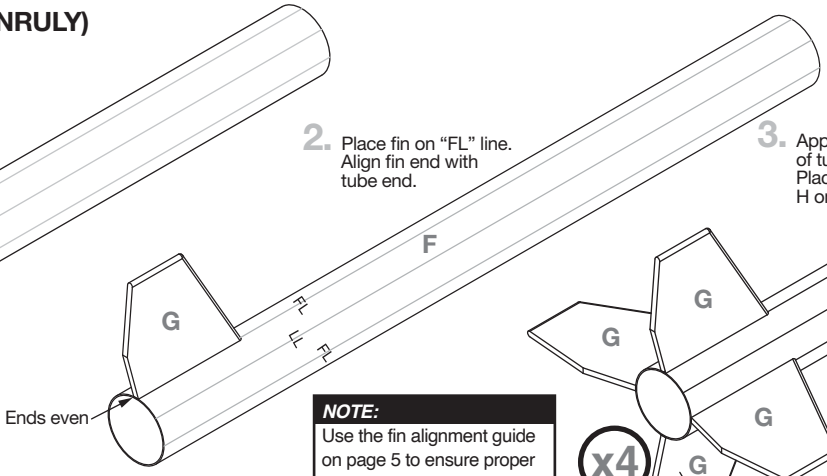


ATTACH FINS & LAUNCH LUG (UNRULY)

1. Apply glue to the root edge of the fin.

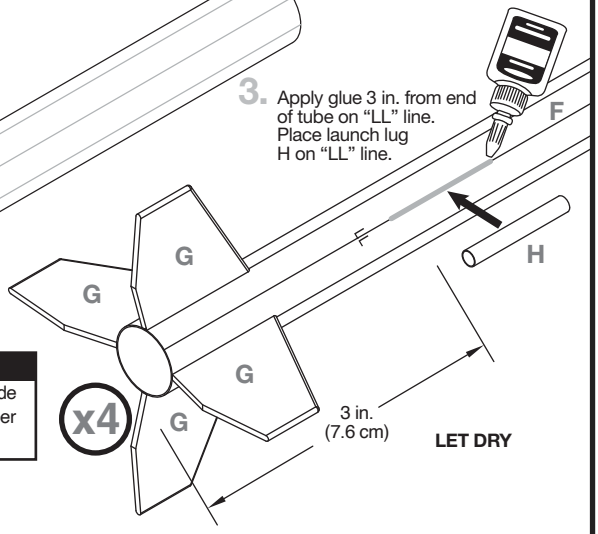


2. Place fin on "FL" line. Align fin end with tube end.



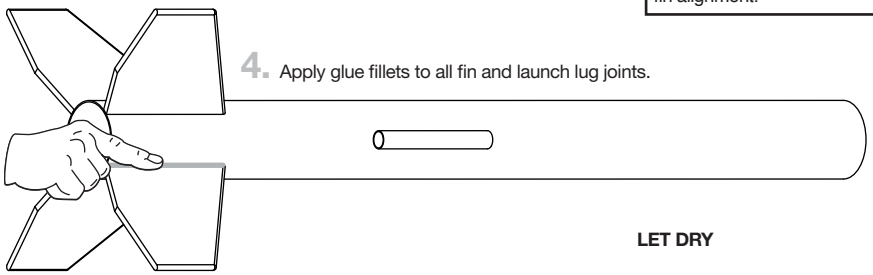
NOTE:
Use the fin alignment guide on page 5 to ensure proper fin alignment.

3. Apply glue 3 in. from end of tube on "LL" line. Place launch lug H on "LL" line.



LET DRY

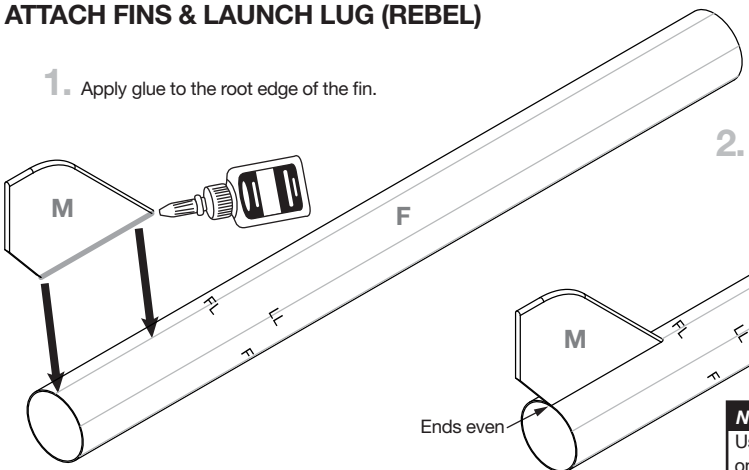
4. Apply glue fillets to all fin and launch lug joints.



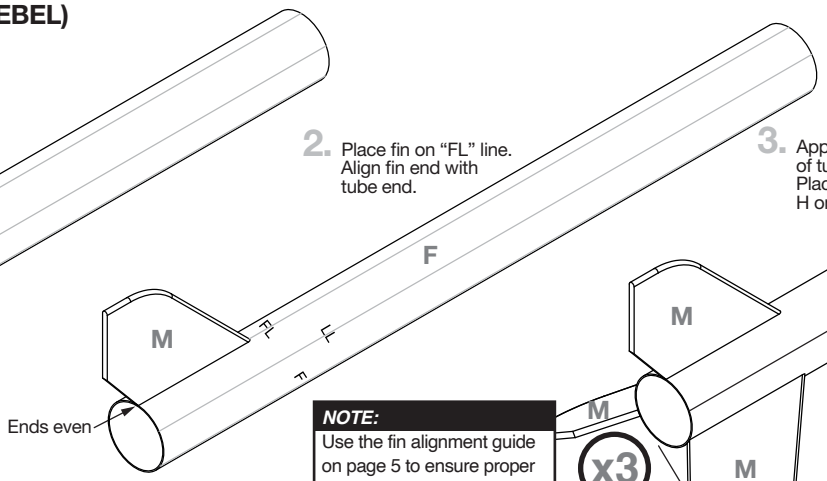
LET DRY

ATTACH FINS & LAUNCH LUG (REBEL)

1. Apply glue to the root edge of the fin.

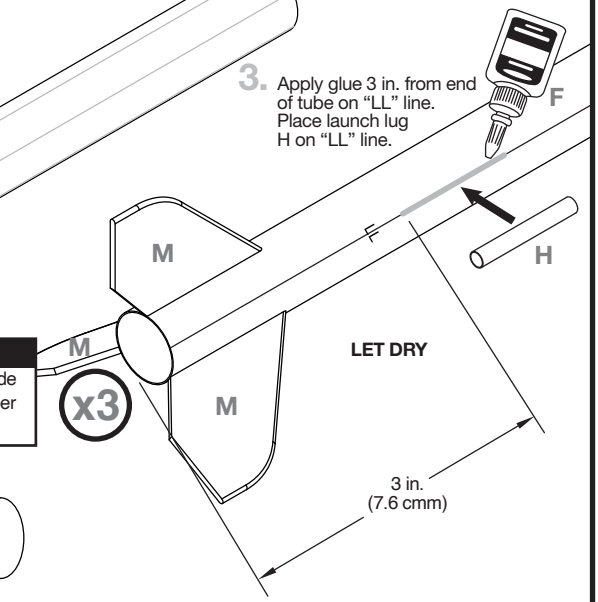


2. Place fin on "FL" line. Align fin end with tube end.



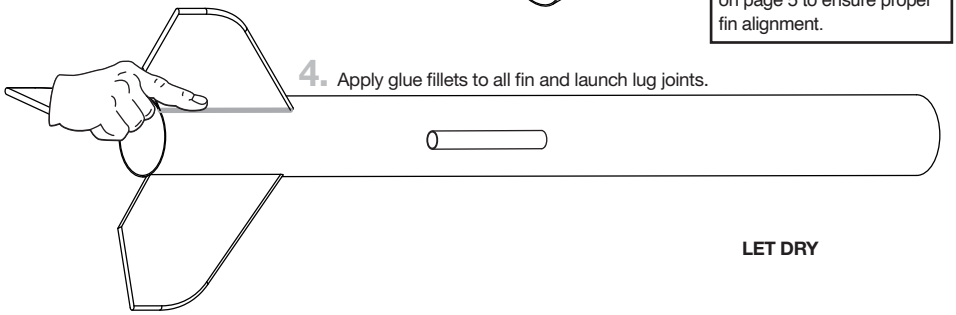
NOTE:
Use the fin alignment guide on page 5 to ensure proper fin alignment.

3. Apply glue 3 in. from end of tube on "LL" line. Place launch lug H on "LL" line.



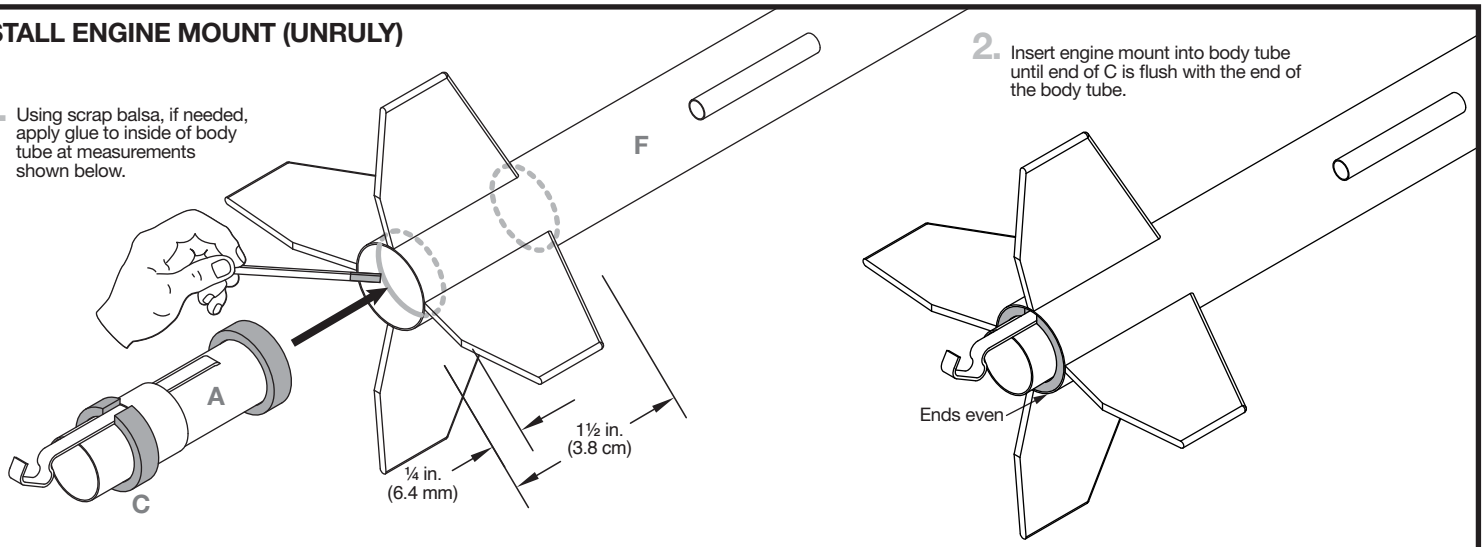
LET DRY

4. Apply glue fillets to all fin and launch lug joints.

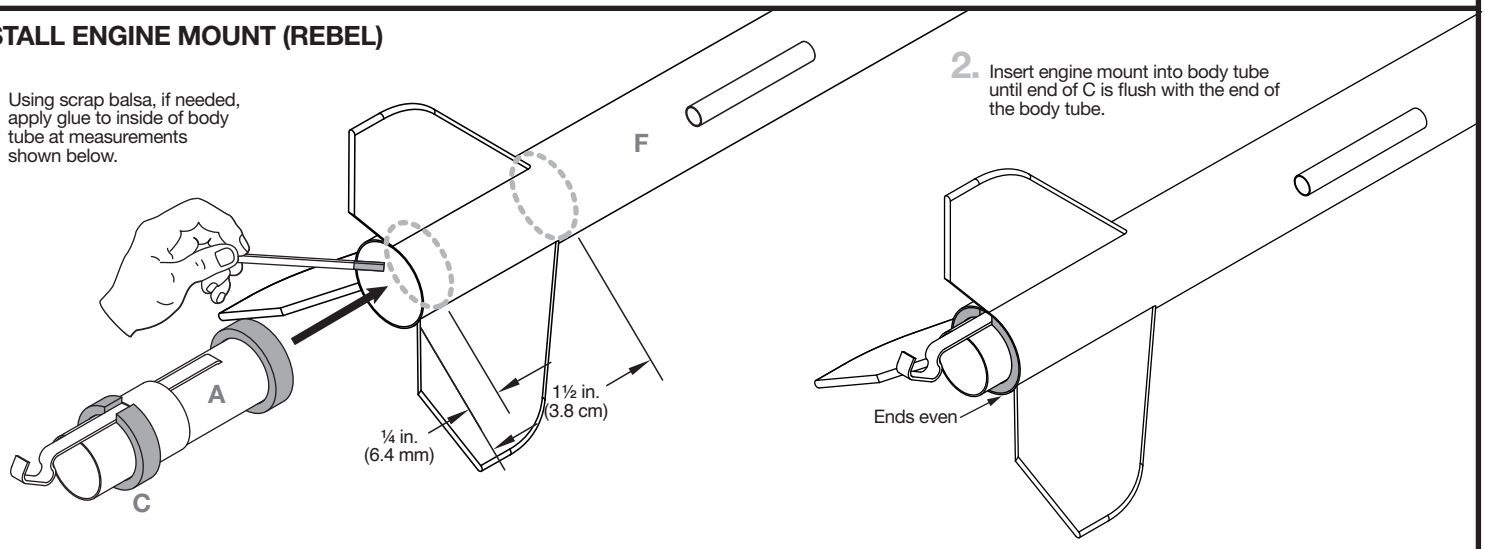


LET DRY

INSTALL ENGINE MOUNT (UNRULY)



INSTALL ENGINE MOUNT (REBEL)



PAINT AND DECALS (UNRULY & REBEL)

PAINT COLORS

Black Paint
Green Paint
Yellow Paint

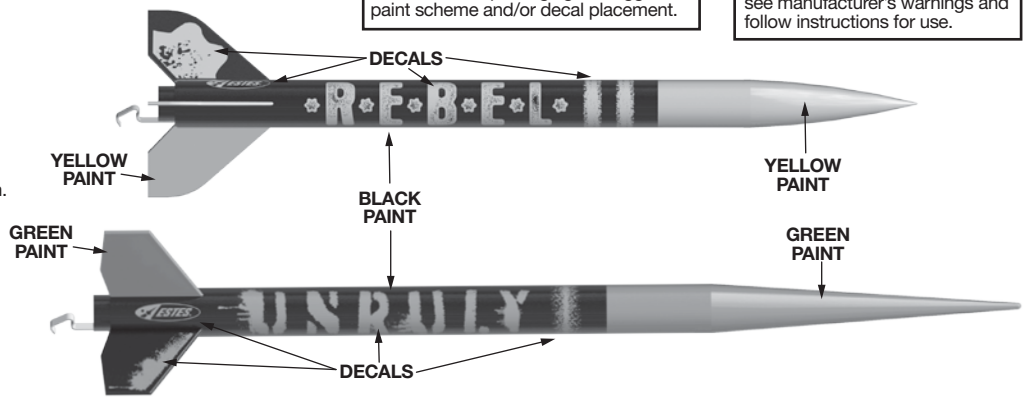
1. Spray rocket with white primer, let dry, and sand. Repeat until rocket is smooth.
2. Paint entire Unruly green. Pain entire Rebel yellow.
3. Mask off rockets as needed for black paint application.
4. Apply decals only after paint is dry.
5. Cut decals from sheet, trimming close to edge.
6. One at a time, place in warm water until decal curls and begins to relax.
7. Remove and position on rocket, sliding decal away from backing material.
8. Blot with clean paper towel. Let set overnight.
9. OPTIONAL: Apply protective clear coat.

NOTE:

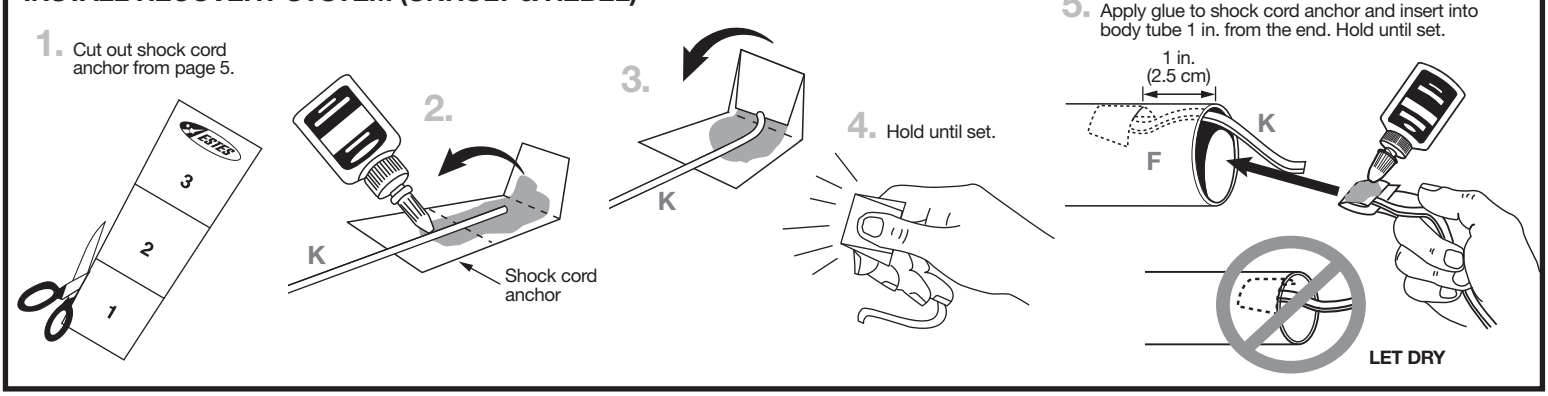
Please refer to packaging for suggested paint scheme and/or decal placement.

⚠ CAUTION:

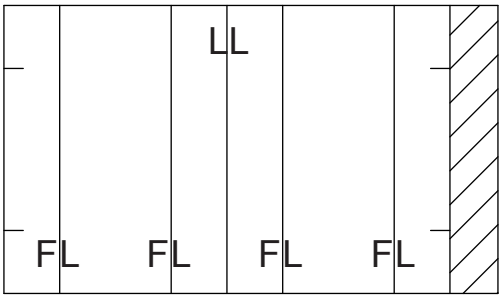
For safe handling of spray paints, see manufacturer's warnings and follow instructions for use.



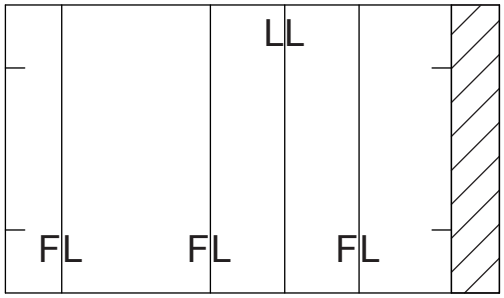
INSTALL RECOVERY SYSTEM (UNRULY & REBEL)



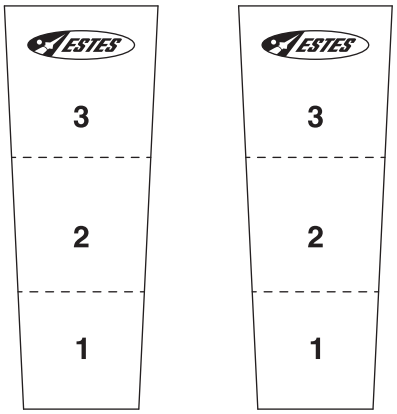
UNRULY FIN MARKING GUIDE

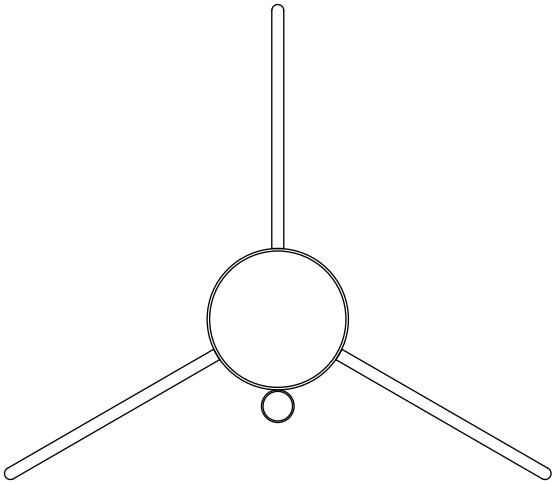


REBEL FIN MARKING GUIDE



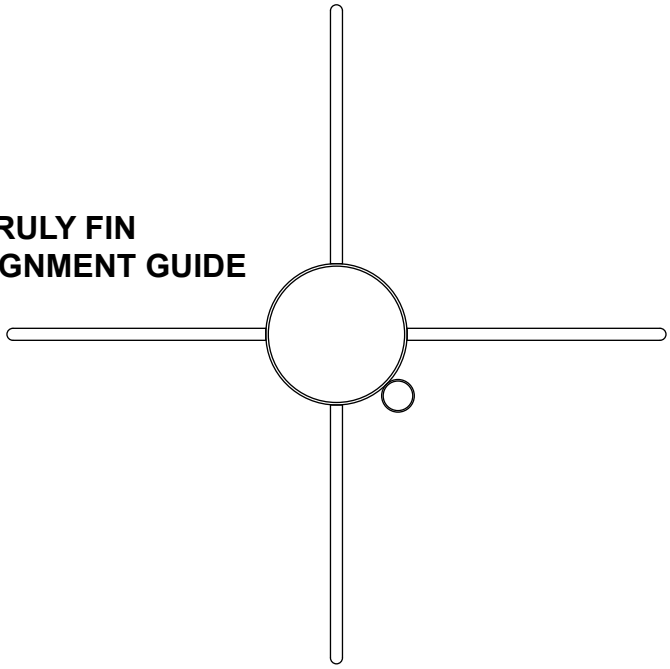
SHOCK CORD ANCHORS





REBEL FIN ALIGNMENT GUIDE

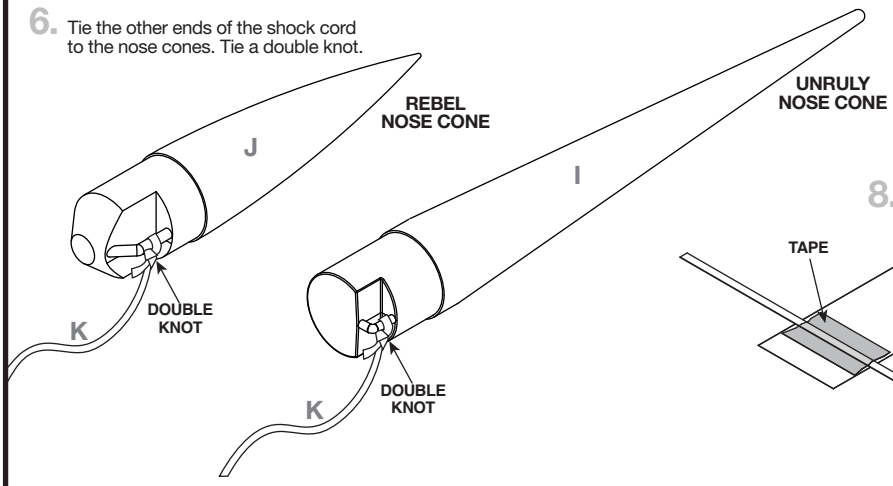
UNRULY FIN ALIGNMENT GUIDE

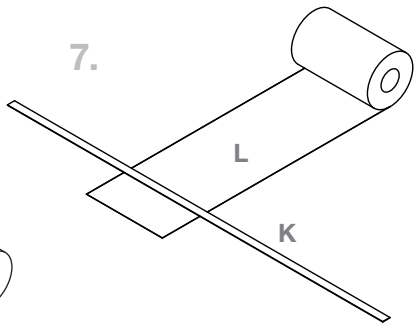


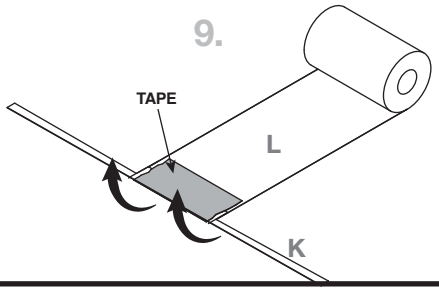
THIS PAGE
INTENTIONALLY
LEFT BLANK

INSTALL RECOVERY SYSTEM (UNRULY & REBEL) CONTINUED

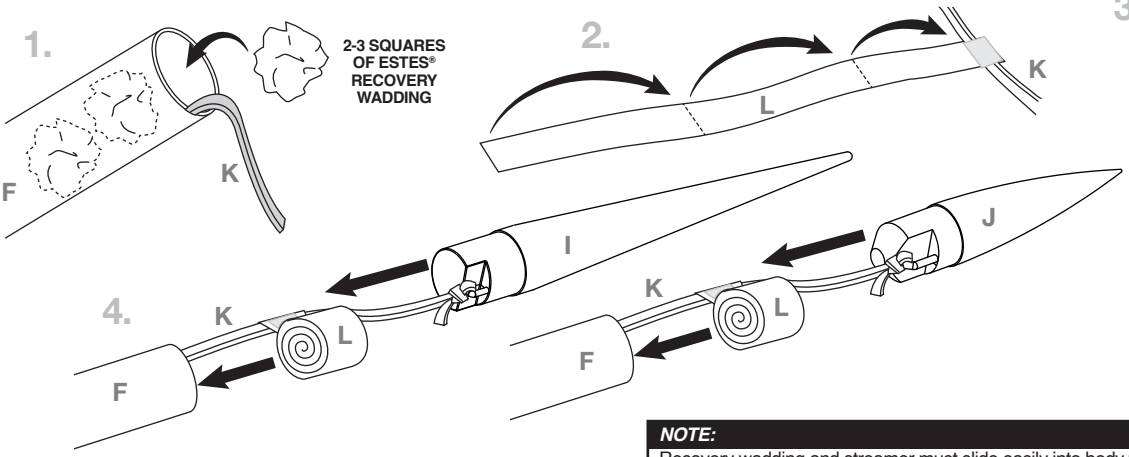
6. Tie the other ends of the shock cord to the nose cones. Tie a double knot.

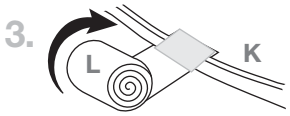






PREPARE RECOVERY SYSTEM (UNRULY & REBEL)

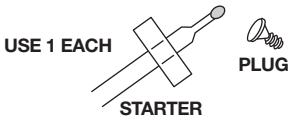


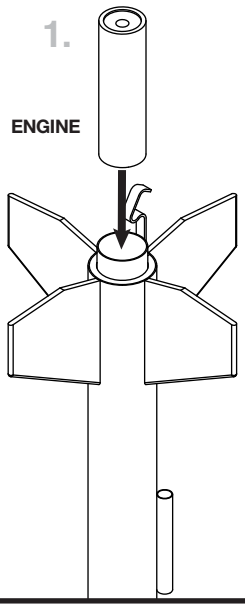


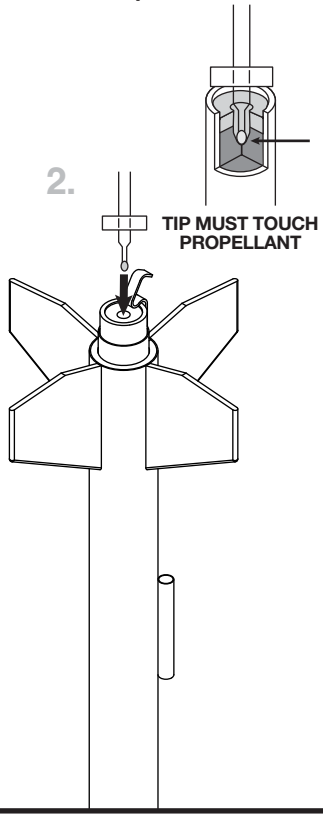


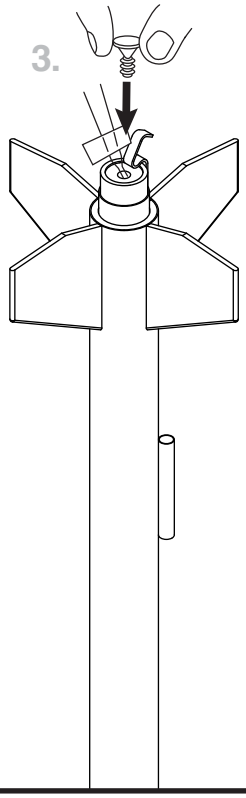
NOTE:
Recovery wadding and streamer must slide easily into body tube. If too tight, redo.

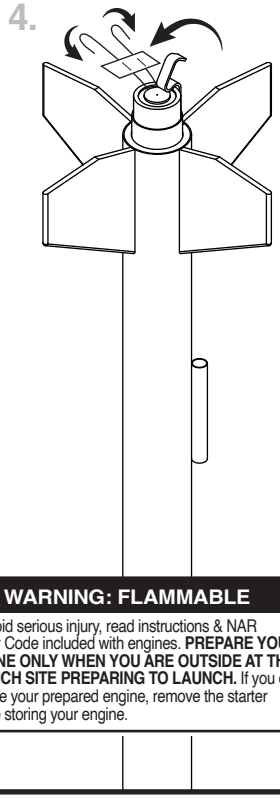
FLIGHT PREPARATION (UNRULY & REBEL)







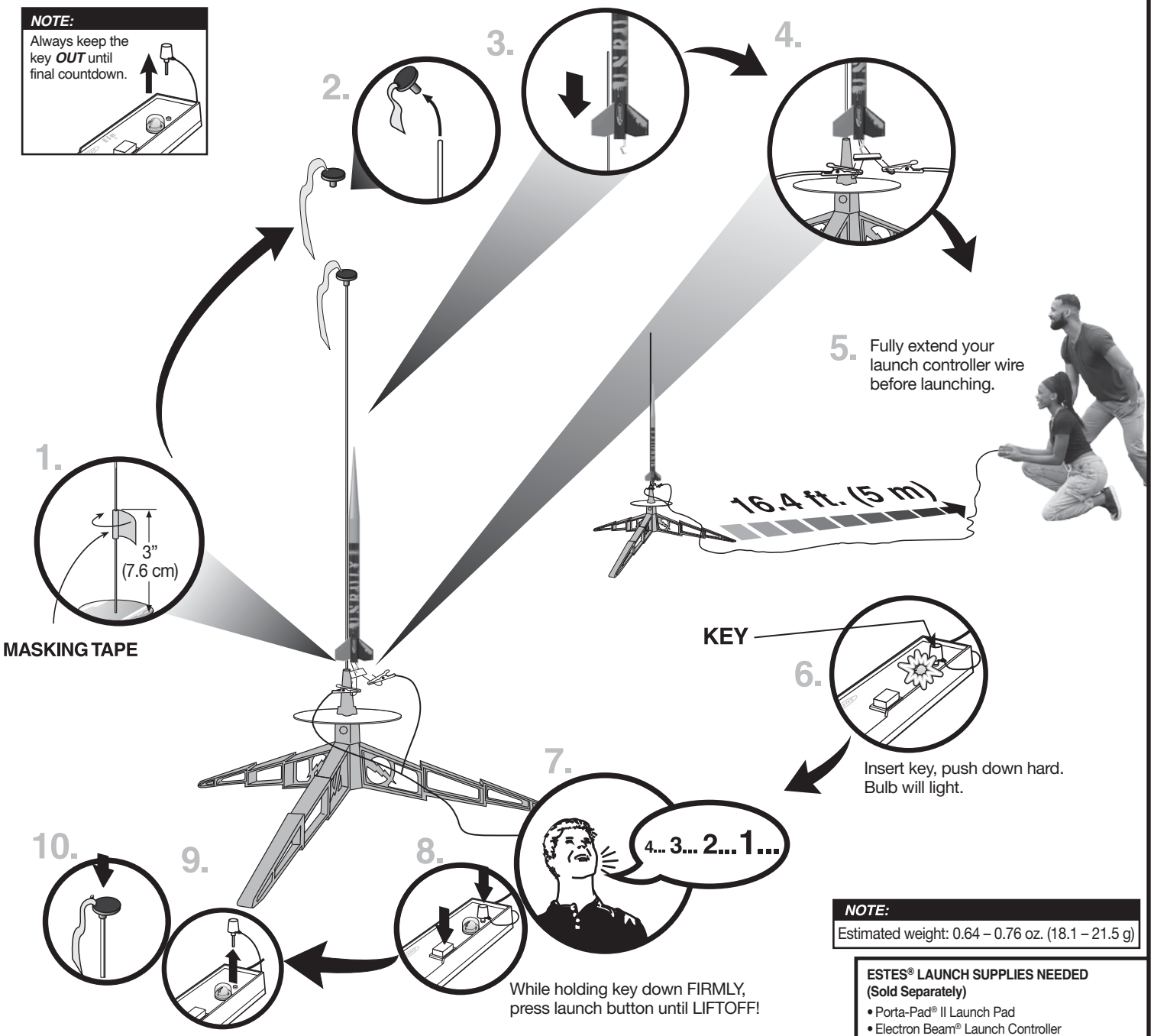




⚠ WARNING: FLAMMABLE

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

COUNTDOWN AND LAUNCH



NOTE:

Estimated weight: 0.64 – 0.76 oz. (18.1 – 21.5 g)

ESTES® LAUNCH SUPPLIES NEEDED (Sold Separately)

- Porta-Pad® II Launch Pad
- Electron Beam® Launch Controller
- Recovery Wadding
- Starters (with engines)
- Plugs (with engines)
- Estes® Engines: ½A3-4T, A3-4T, A3-6T, A10-3T

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. Launch only with little or no wind and good visibility. Always follow the National Association of Rocketry (NAR) SAFETY CODE (enclosed).

MISFIRES TAKE THE KEY OUT OF THE CONTROLLER. WAIT ONE MINUTE BEFORE GOING NEAR THE ROCKET. Disconnect the micro-clips and remove the engine. Take the plug and starter out of the engine. A burned starter means the starter tip was not touching engine propellant. Install a new starter; be sure the tip is touching propellant inside the engine. Push the plug in place. Repeat steps under Countdown and Launch.

© 2025 Estes Industries, LLC • All Rights Reserved

Estes Industries, LLC • 1295 H Street, Penrose, CO 81240-9698 • Made in Guangzhou, Guangdong, China

22 PAP

PN 090004-1366 (12-25)