

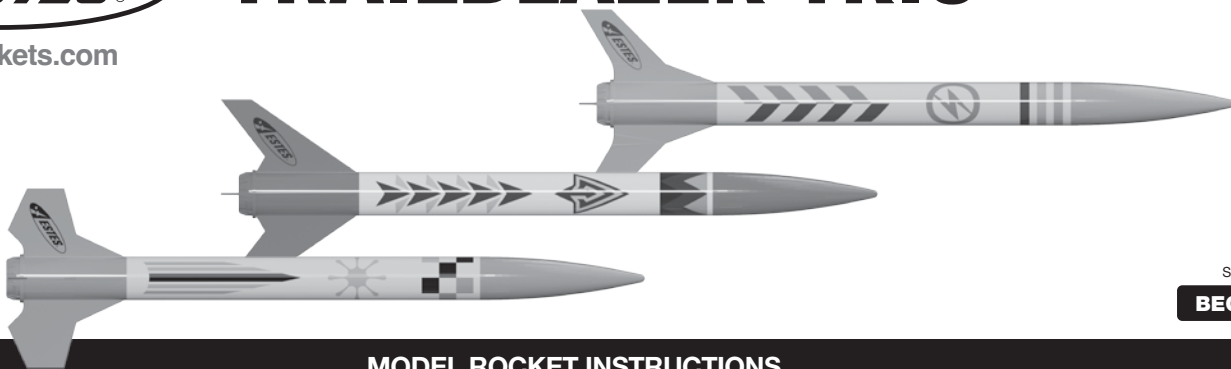


estesrockets.com

TRAILBLAZER TRIO™

0654

AGES
10+



Skill Level

BEGINNER

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

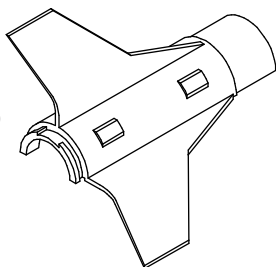


YELLOW GLUE



PLASTIC CEMENT

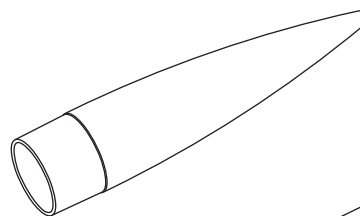
Plastic fin unit A
x3



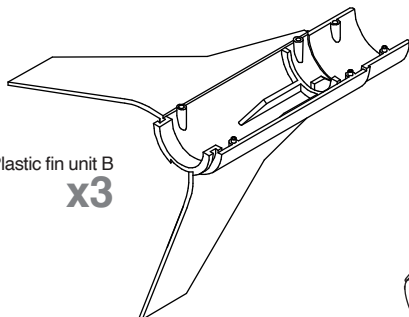
072603
Nose cone insert
x3



Nose cone **x3**



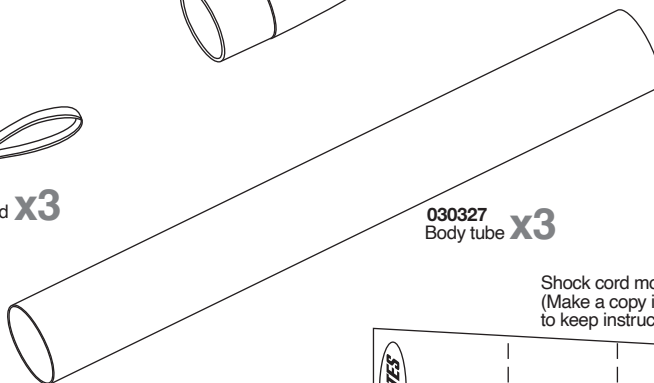
Plastic fin unit B
x3



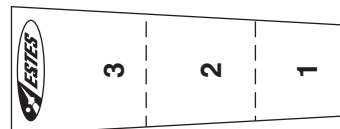
038366
Shock cord **x3**



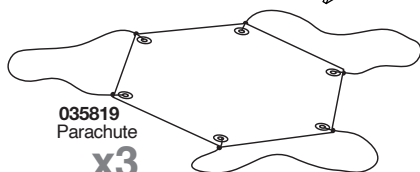
030327
Body tube **x3**



Shock cord mounts
(Make a copy if you want
to keep instructions.)



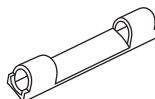
035819
Parachute
x3



Engine cap **x3**



Launch lug **x3**



NOTE:

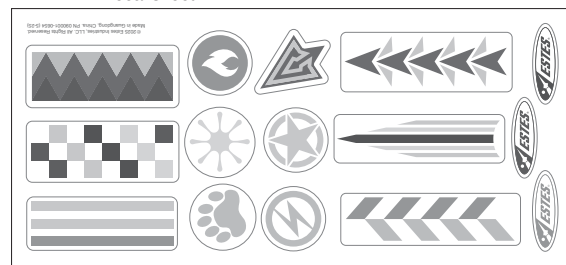
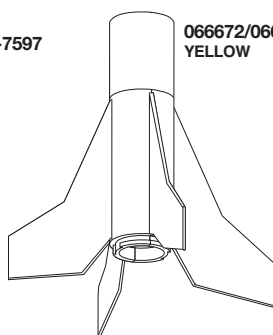
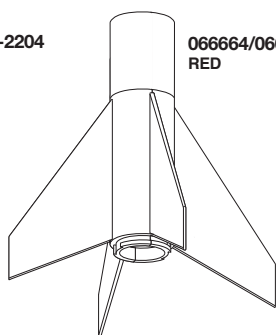
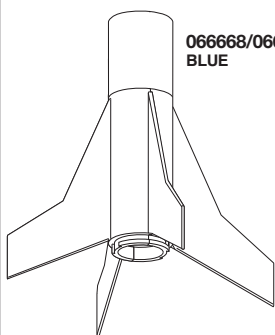
Do not mix fin shapes or colors.

066668/066669-2204
BLUE

066664/066665-7597
RED

066672/066673-124
YELLOW

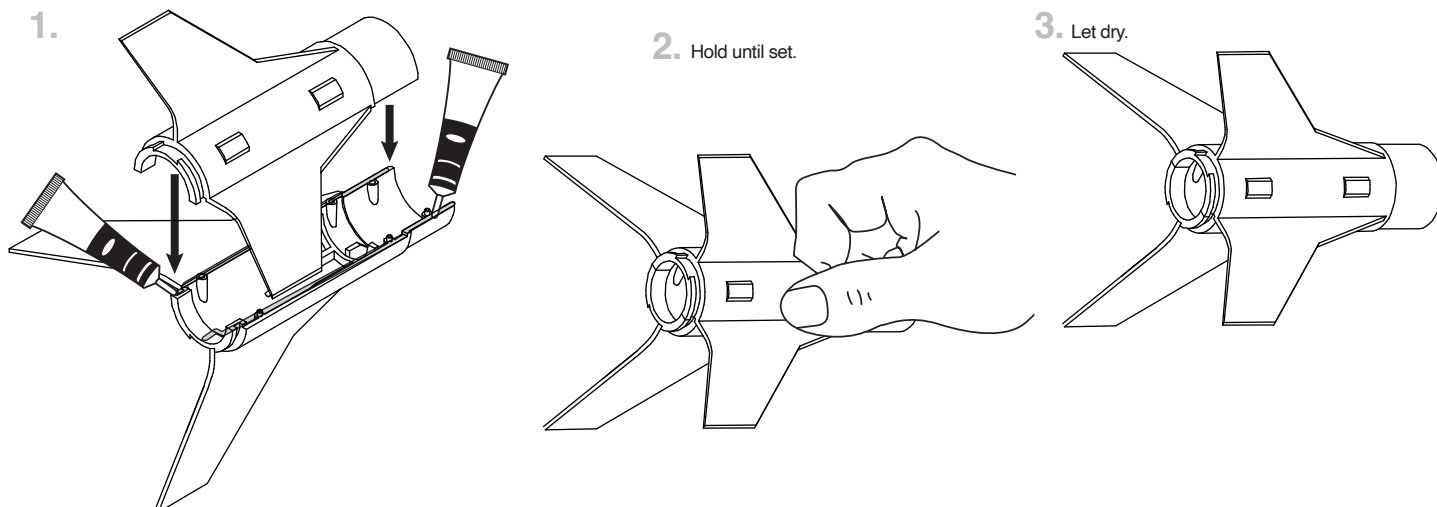
090001-0654
Decal sheet



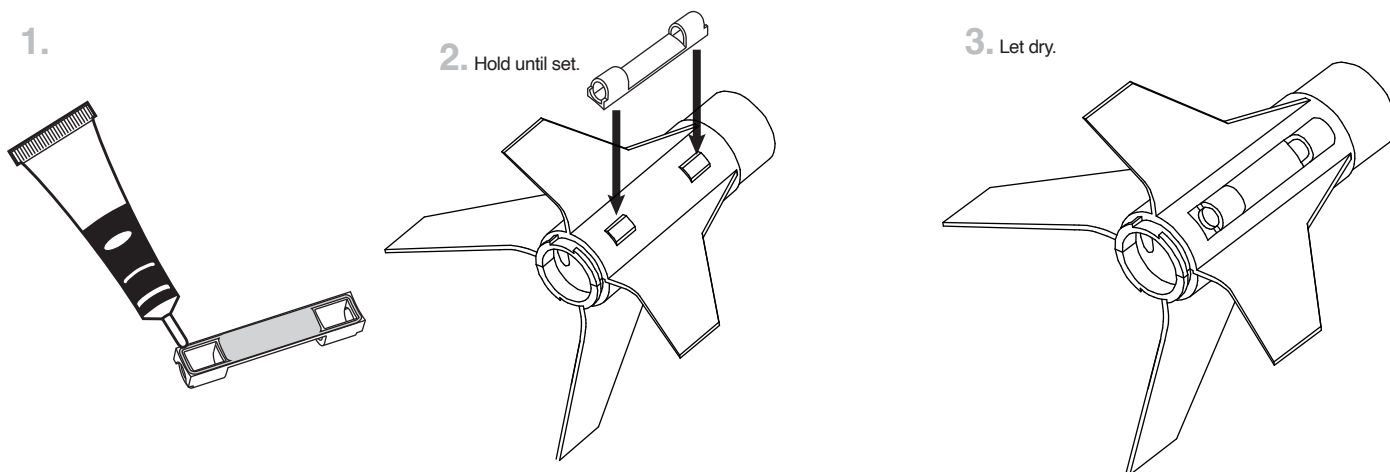
ASSEMBLE FIN MOUNT

NOTE:

Assembly stays the same regardless of fin shape.



ATTACH LAUNCH LUG

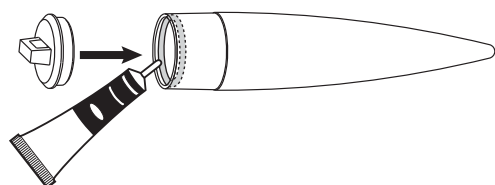


ATTACH BODY TUBE



ASSEMBLE NOSE CONE

1. Apply plastic glue to inside of nose cone.

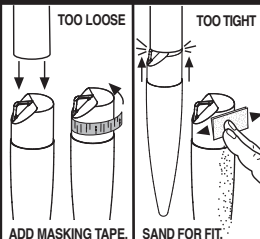


2.

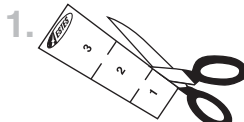
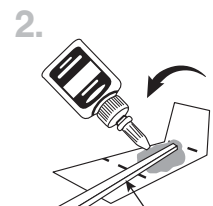
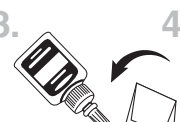
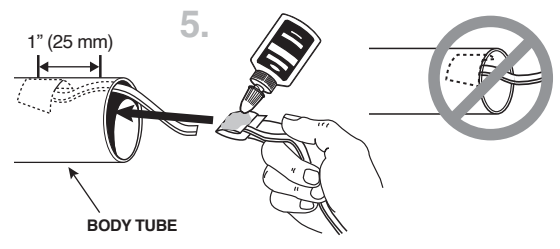


Let dry.

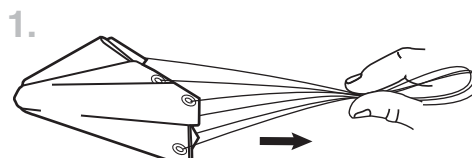
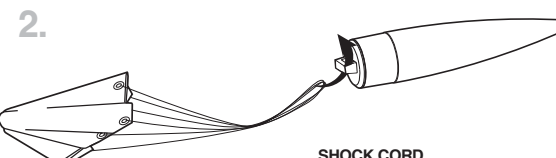
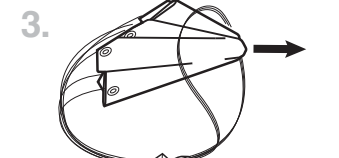
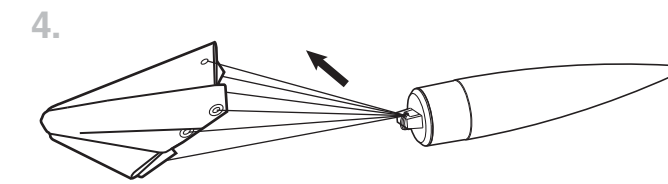
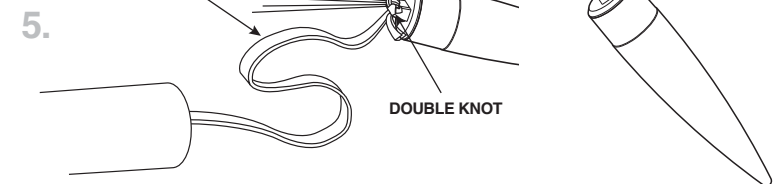
IF NOSE CONE FIT IS...



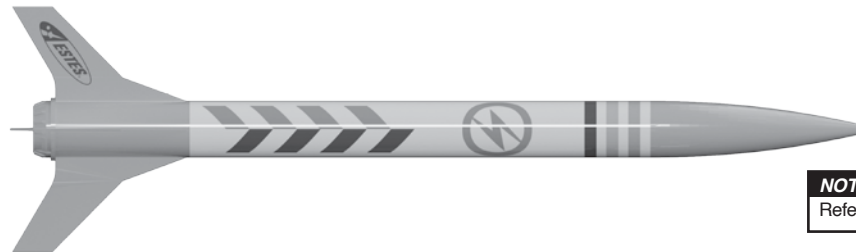
INSTALL SHOCK CORD

1. 
2.  SHOCK CORD
3. 
4.  Hold until set.
5.  1" (25 mm) BODY TUBE

PREPARE RECOVERY SYSTEM

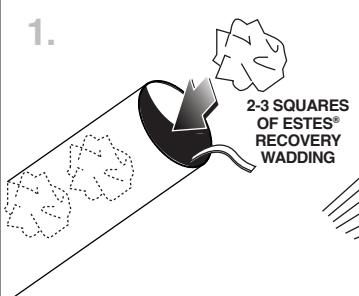
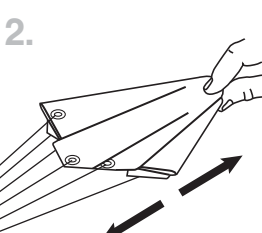
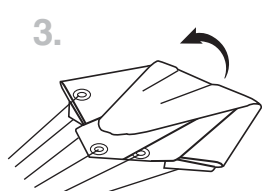
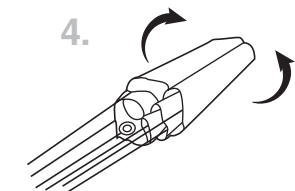
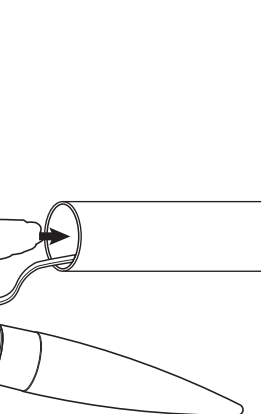
1. 
2. 
3. 
4. 
5.  SHOCK CORD DOUBLE KNOT

APPLY DECALS



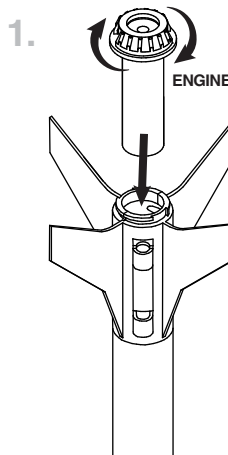
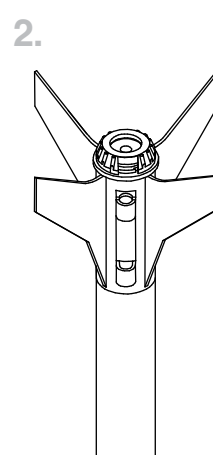
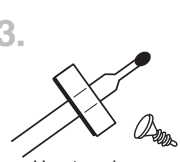
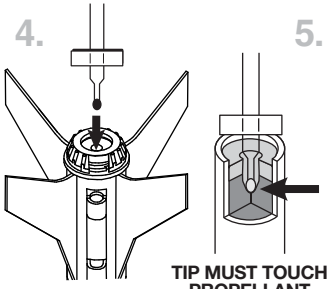
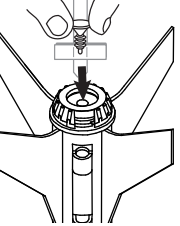
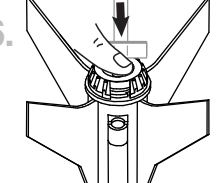
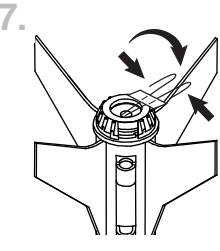
NOTE:
Refer to packaging for suggested decal placement.

PREPARE FLIGHT RECOVERY

1.  2-3 SQUARES OF ESTES® RECOVERY WADDING
2. 
3. 
4. 
5. 

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

PREPARE ENGINE

1.  ENGINE
2. 
3.  Use 1 each.
4.  TIP MUST TOUCH PROPELLANT
5. 
6. 
7. 

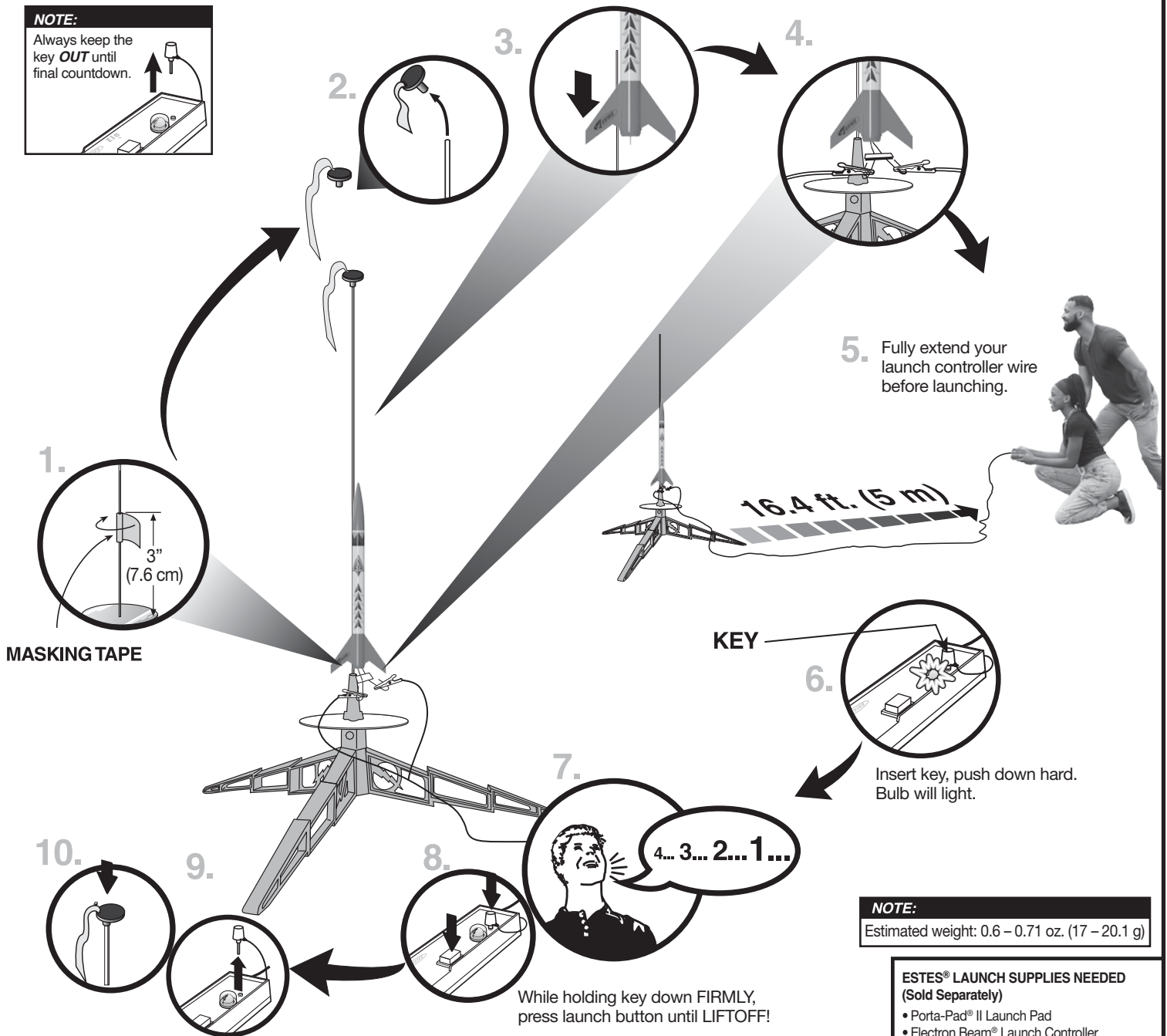
⚠ WARNING: FLAMMABLE

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:

Always keep the key **OUT** until final countdown.



PRECAUTIONS



NAR SAFETY CODE



NO DRY GRASS OR WEEDS

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.