



estesrockets.com

GREEN EGGS™

1718



MODEL ROCKET INSTRUCTIONS

KEEP FOR FUTURE REFERENCE

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

READ ALL INSTRUCTIONS. Make sure you have all parts and supplies. Test fit all parts before applying glue. Sand as necessary for precision assembly. Product color and shape may vary.

SUPPLIES



SCISSORS



PENCIL



RULER



FINE SANDPAPER



CARPENTER'S GLUE



HOBBY KNIFE



MASKING TAPE



CLEAR TAPE



PRIMER (WHITE)



CLEAR COAT (OPTIONAL)



PAINT (GREEN, WHITE)



SAND BLOCK



A 030362
Engine mount tube



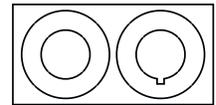
B 035021
Engine hook



C 030164-2
Green engine block



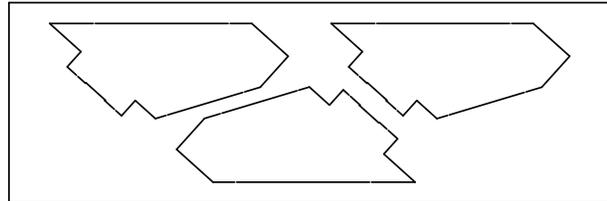
D 030480
Black engine hook retainer ring



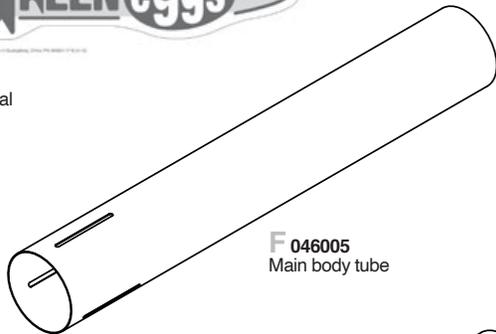
E 090052-1718
Laser cut centering rings



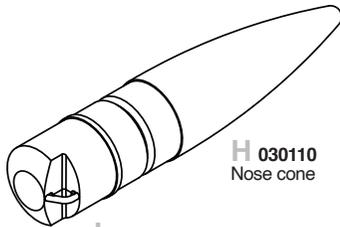
090001-1718
Self-stick decal



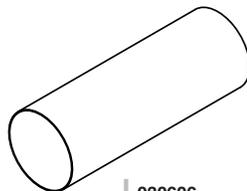
G 090051-1718
Laser cut wood sheet



F 046005
Main body tube



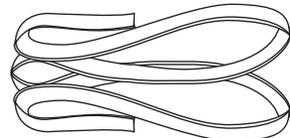
H 030110
Nose cone



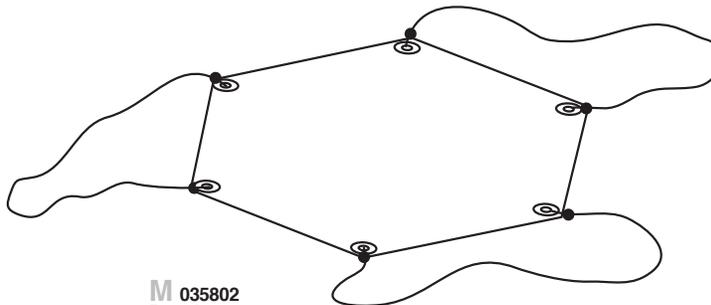
J 030606
Clear payload section



K 038166
Launch lug

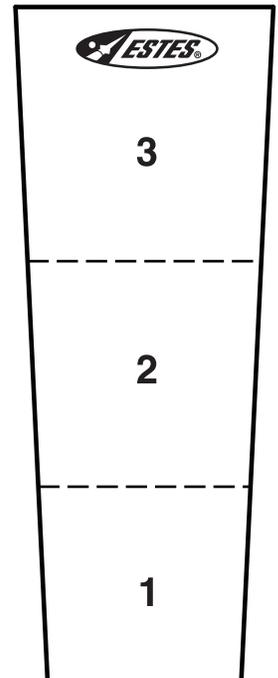


L 038363
Shock cord



M 035802
Parachute

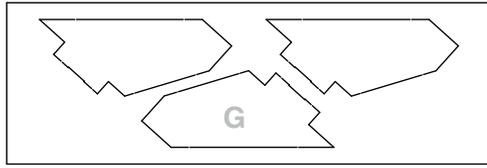
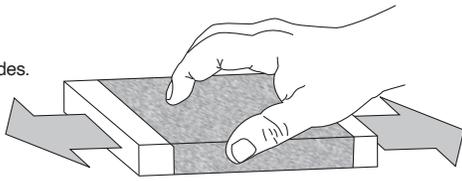
SHOCK CORD MOUNT



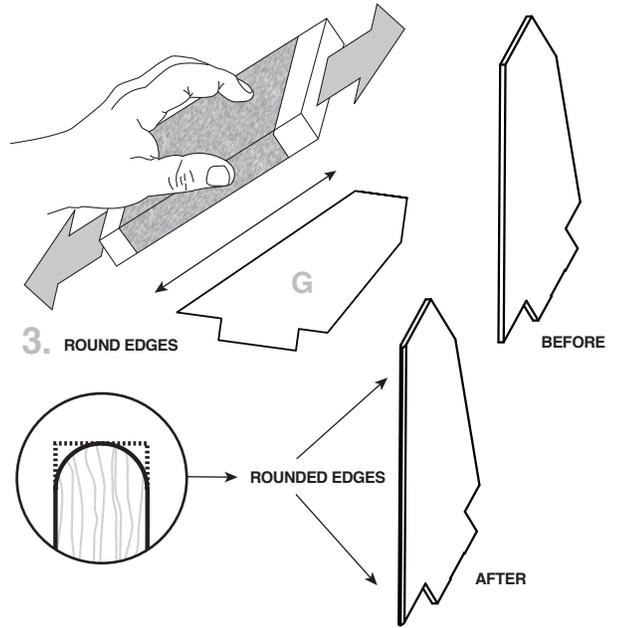
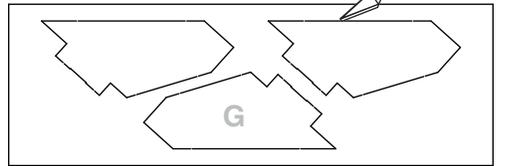
Make a copy if you want to keep instructions.

PREPARE FINS

1. Sand both sides.

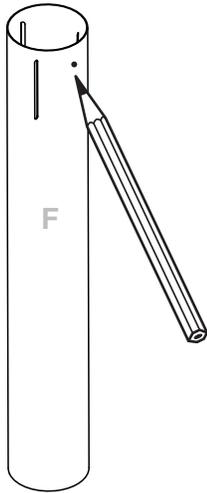


2. Use hobby knife to gently remove fins.

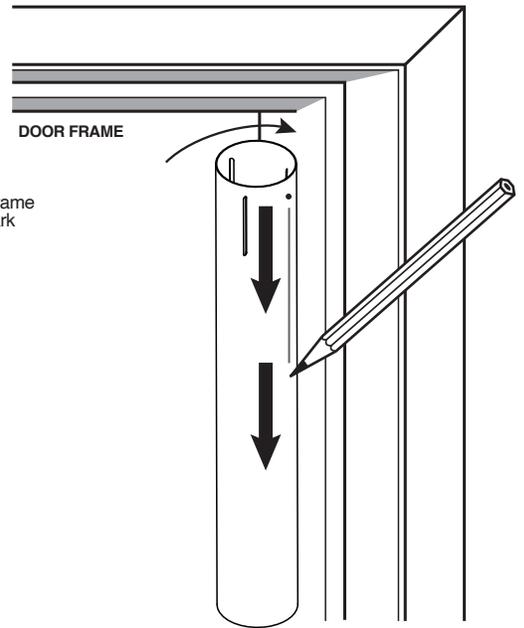


MARK BODY TUBE

1. Make a mark in the middle of any two fin slots.

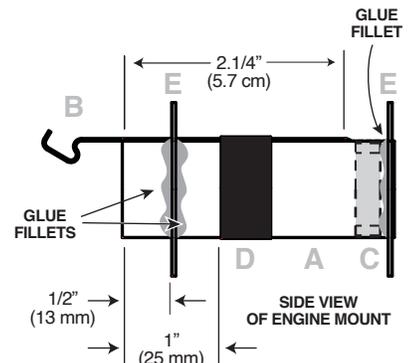
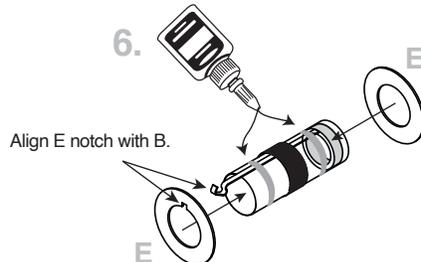
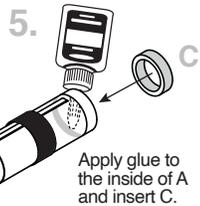
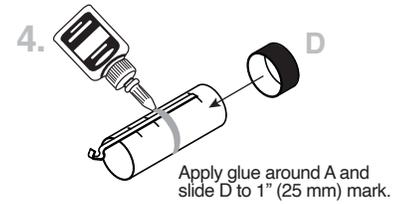
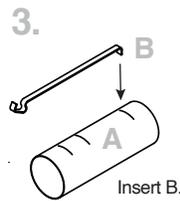
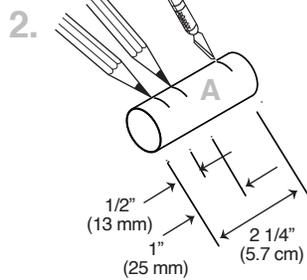
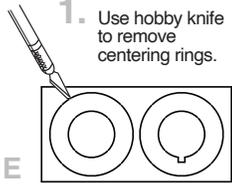


2. Use a door frame to extend mark into line.

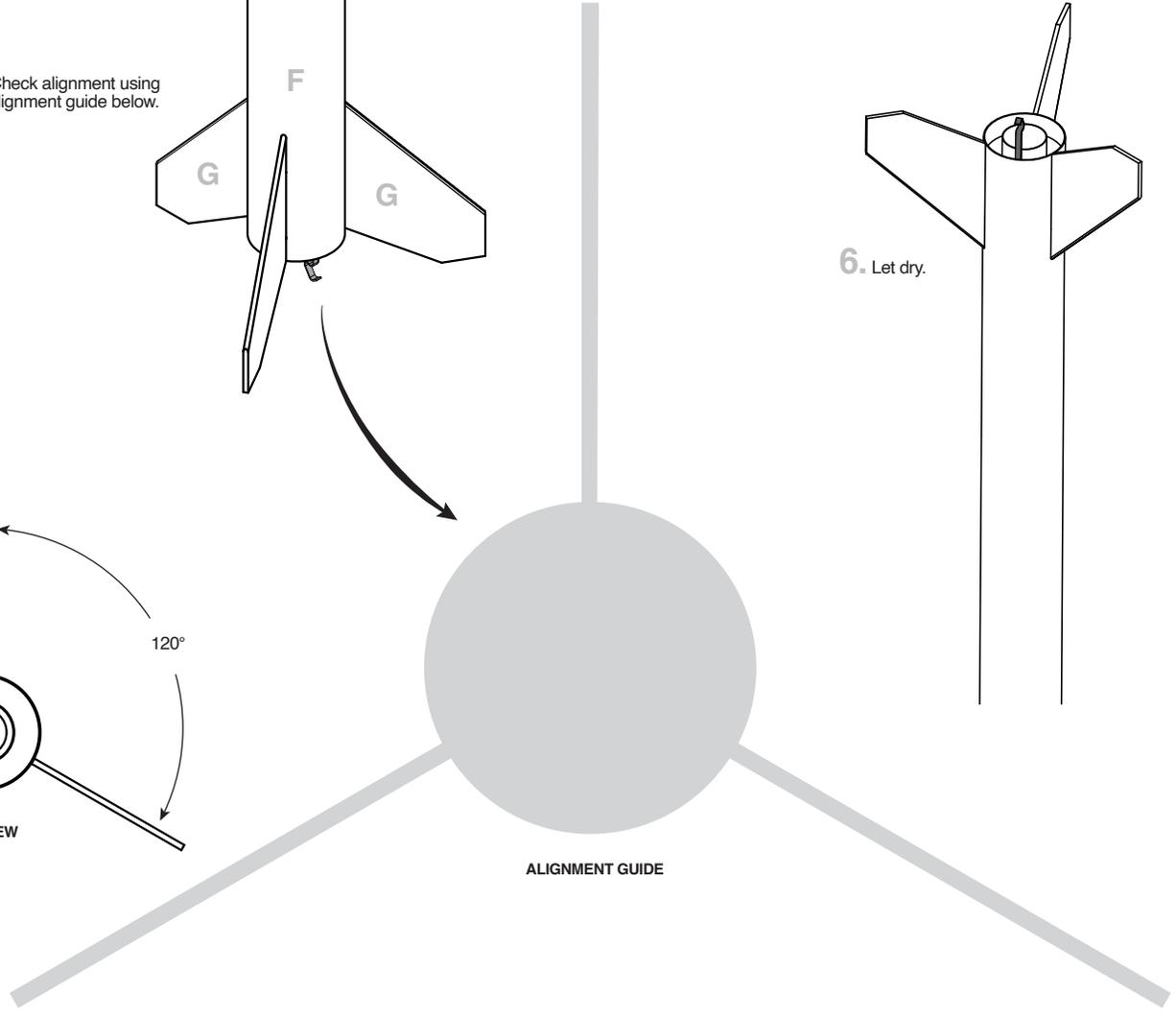
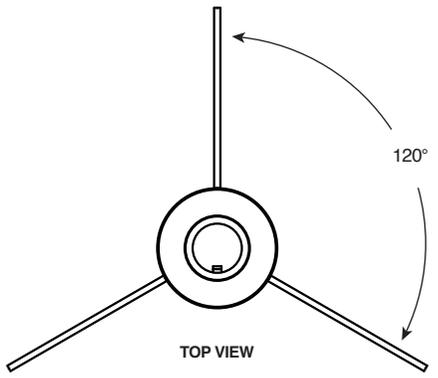
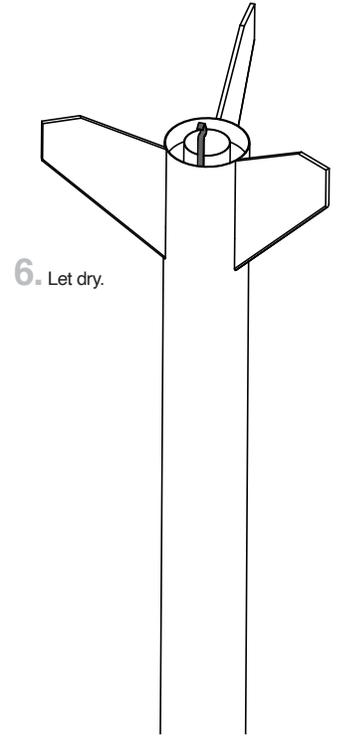
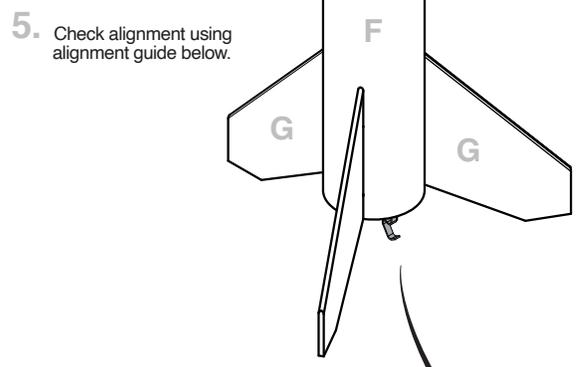
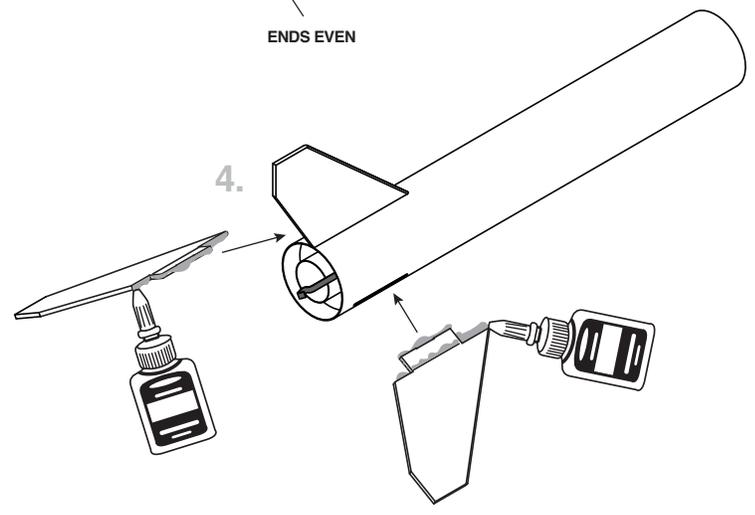
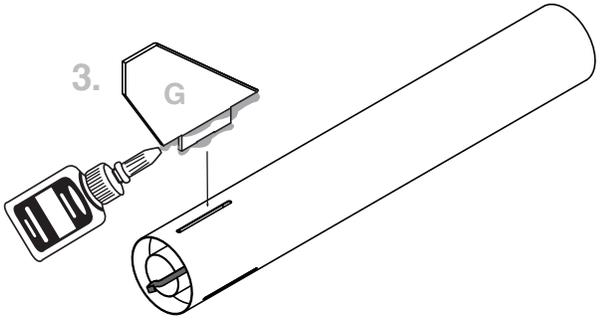
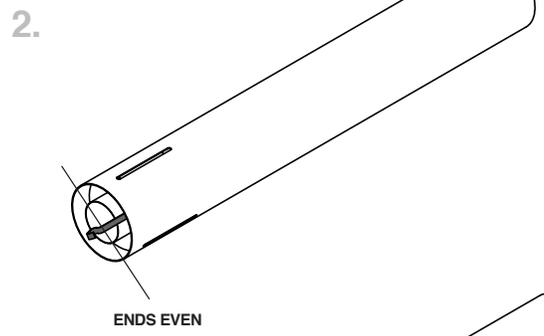
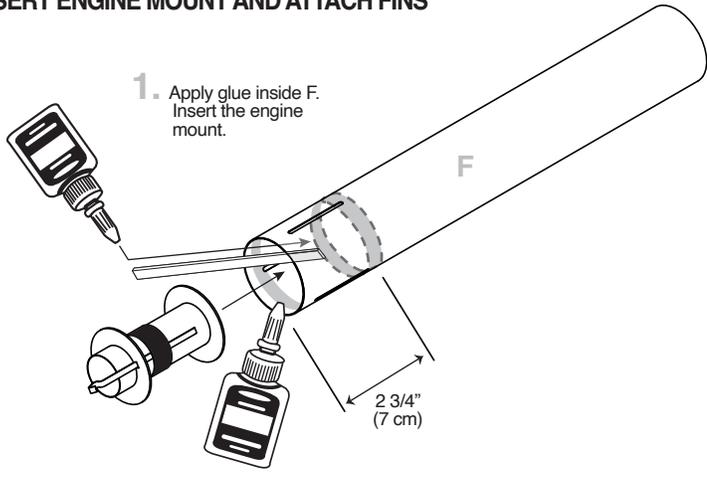


ASSEMBLE ENGINE MOUNT

1. Use hobby knife to remove centering rings.

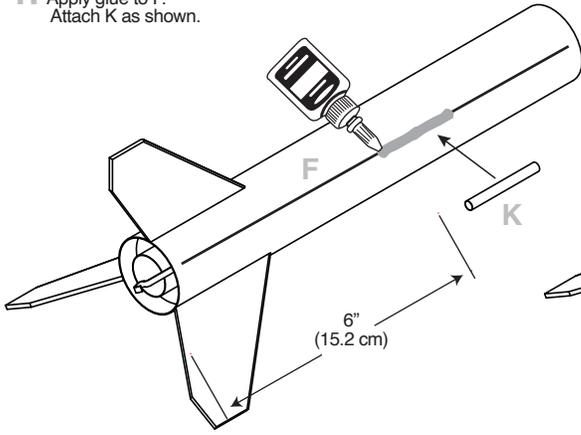


INSERT ENGINE MOUNT AND ATTACH FINS

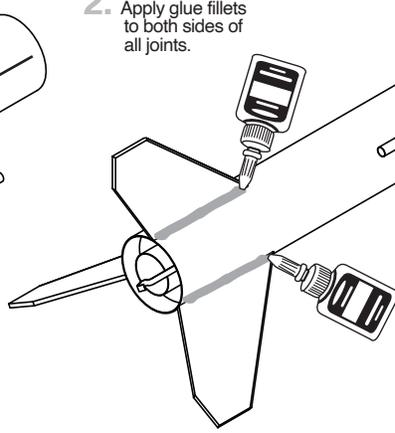


ATTACH LAUNCH LUG

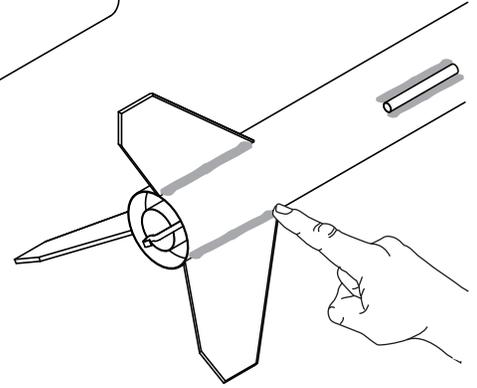
1. Apply glue to F. Attach K as shown.



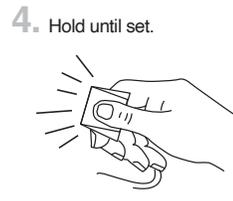
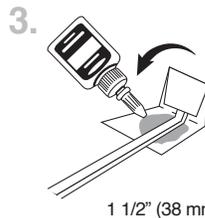
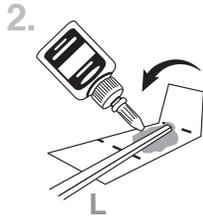
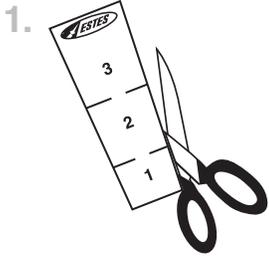
2. Apply glue fillets to both sides of all joints.



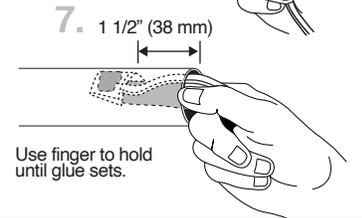
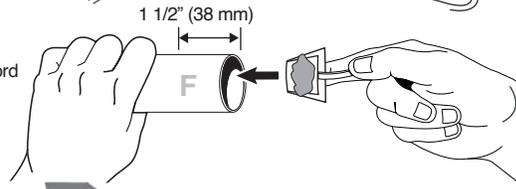
3. Smooth glue fillets with finger. Let dry.



INSTALL SHOCK CORD



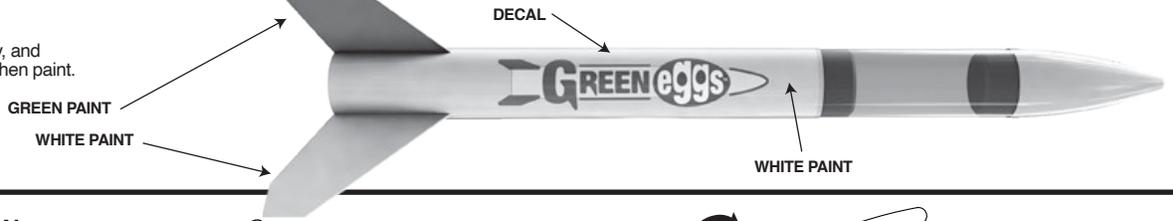
6. Glue shock cord mount to the inside of F.



NOTE:
Cut from page 1.

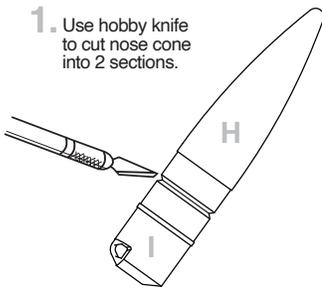
ROCKET FINISHING

1. Spray rocket with white primer, let dry, and sand. Repeat until rocket is smooth, then paint.
2. Apply self-stick decal.



ASSEMBLE PAYLOAD SECTION

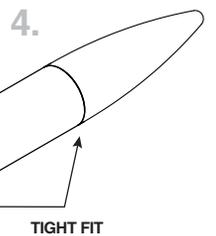
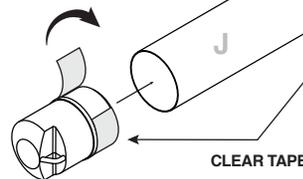
1. Use hobby knife to cut nose cone into 2 sections.



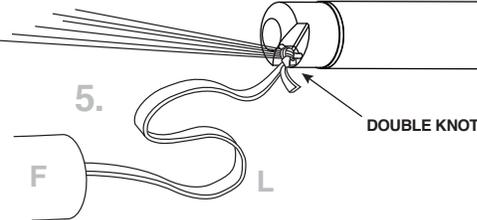
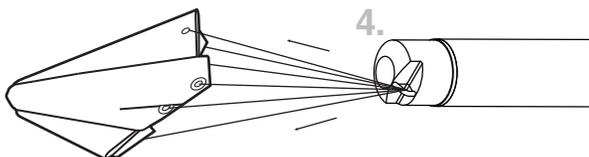
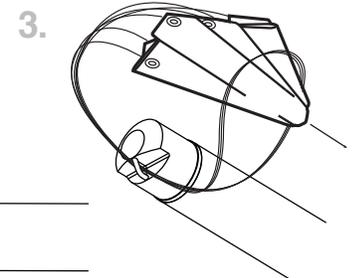
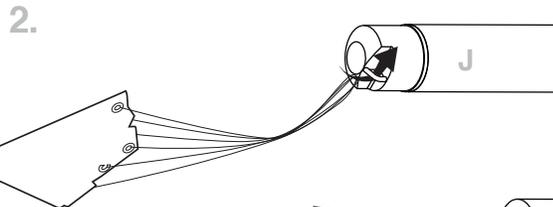
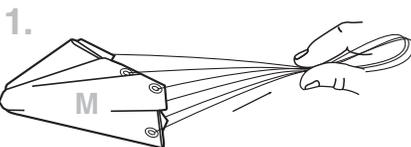
2. Use hobby knife to remove excess plastic from eyelet piece.

NOTE:
Do not cut off eyelet.

- 3.

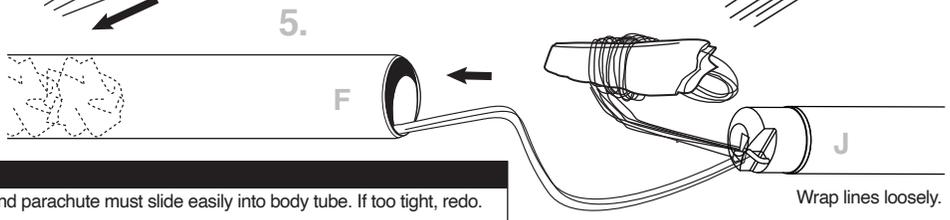
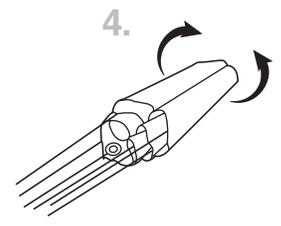
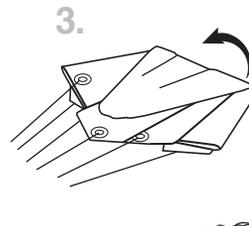
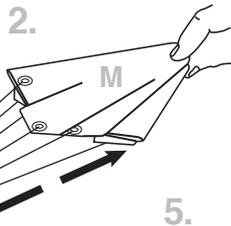
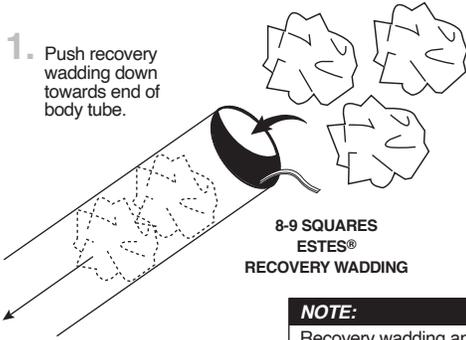


ATTACH PARACHUTE



PREPARE RECOVERY SYSTEM

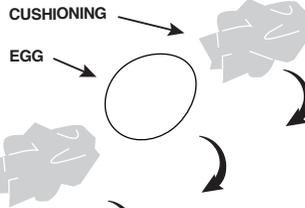
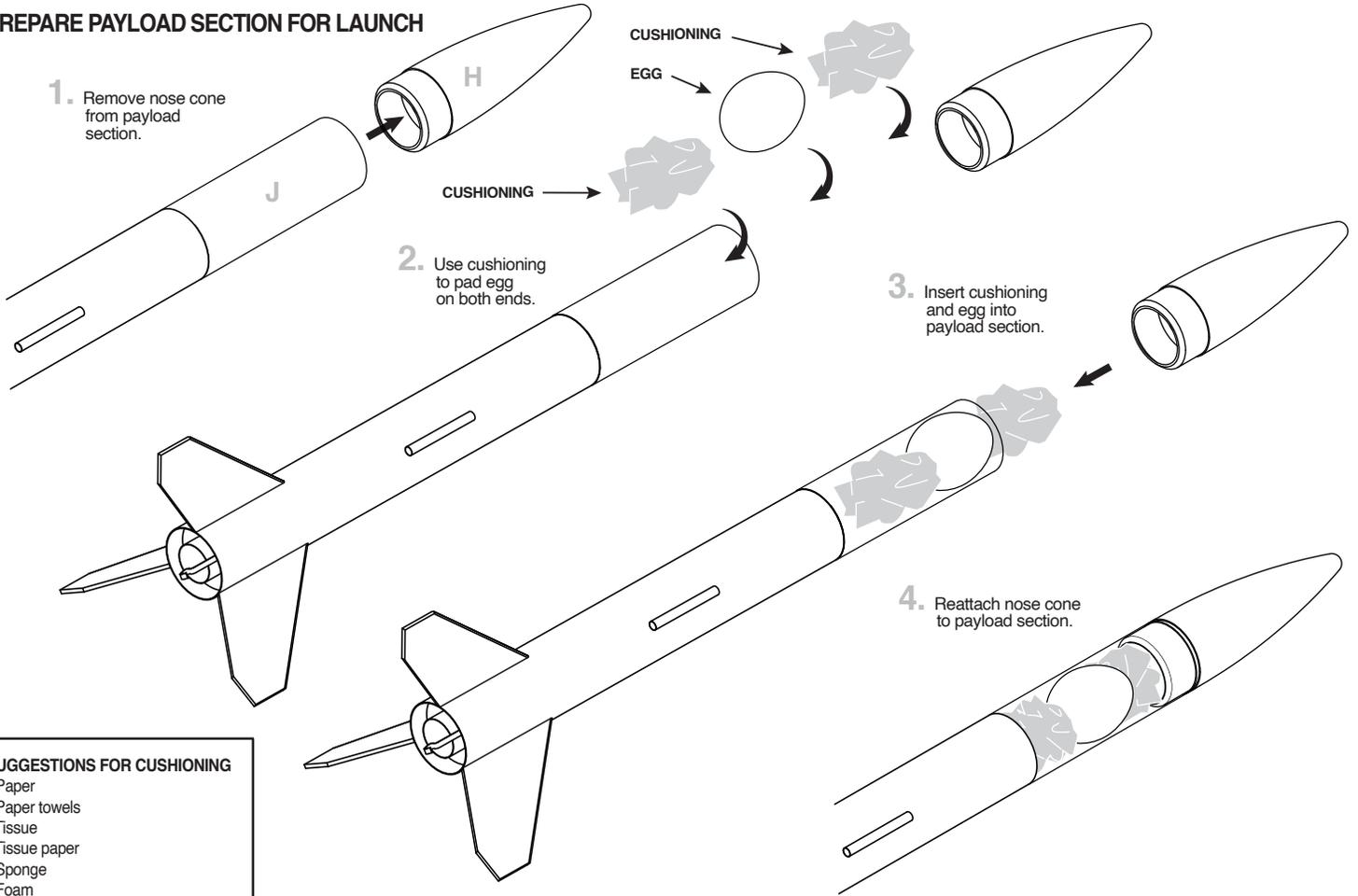
1. Push recovery wadding down towards end of body tube.



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

PREPARE PAYLOAD SECTION FOR LAUNCH

1. Remove nose cone from payload section.



2. Use cushioning to pad egg on both ends.

3. Insert cushioning and egg into payload section.

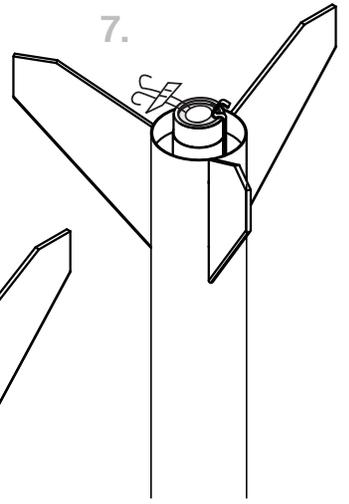
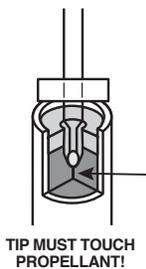
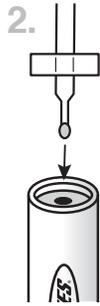
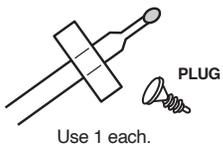
4. Reattach nose cone to payload section.

SUGGESTIONS FOR CUSHIONING

- Paper
- Paper towels
- Tissue
- Tissue paper
- Sponge
- Foam

PREPARE ENGINE

1. STARTER



⚠ WARNING: FLAMMABLE

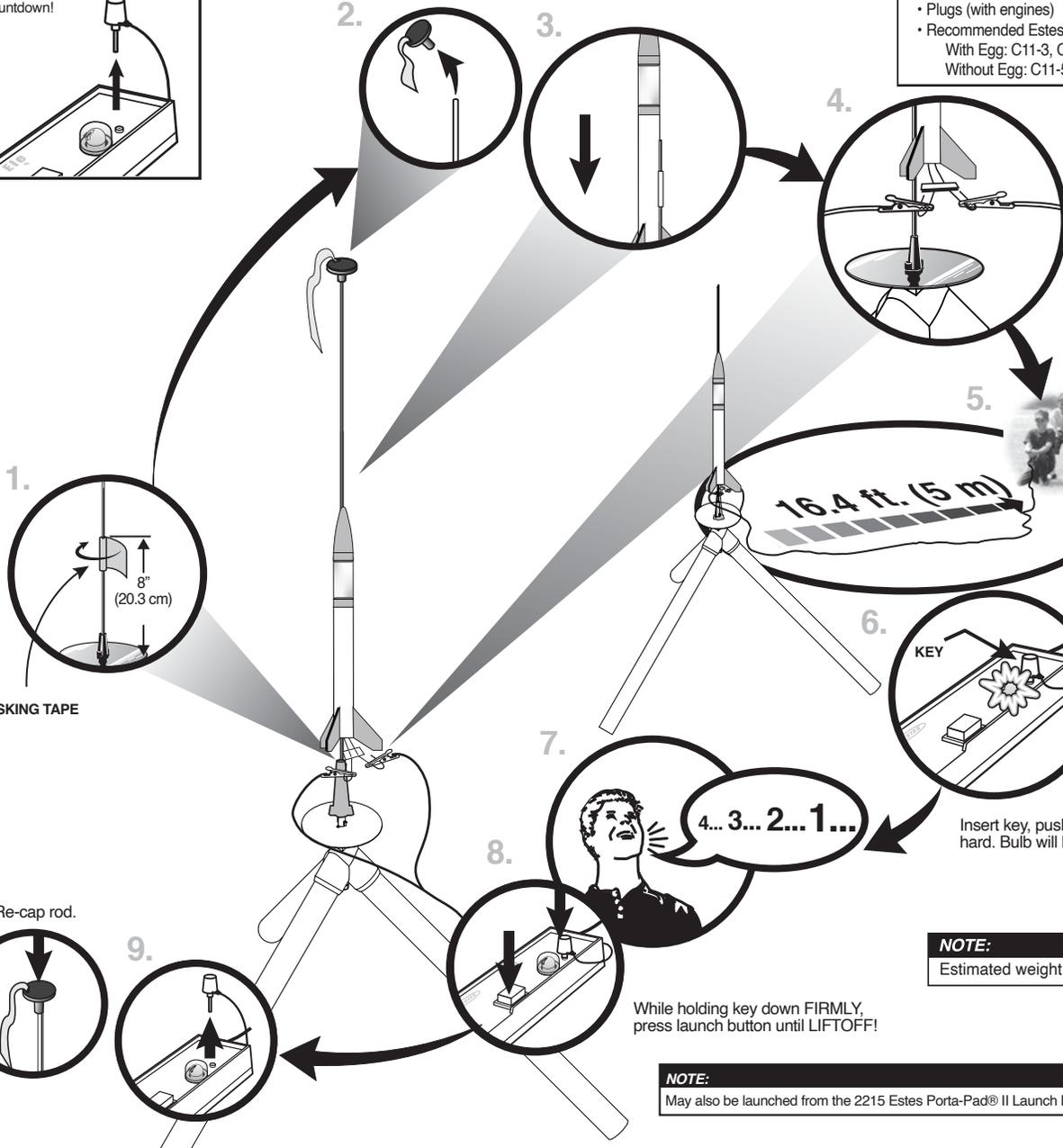
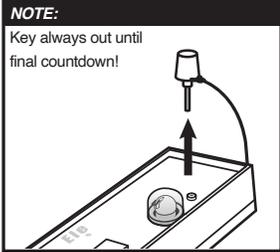
To avoid serious injury, read instructions & NAR Safety Code included with engines. **PREPARE YOUR ENGINE ONLY WHEN YOU ARE OUTSIDE AT THE LAUNCH SITE PREPARING TO LAUNCH.** If you do not use your prepared engine, remove the starter before storing your engine.

LAUNCH PROCEDURE

ESTES® LAUNCH SUPPLIES NEEDED

(Sold Separately)

- Launch Pad
- Launch Controller
- 3/16 in. (5mm) Maxi™ Launch Rod
- Recovery Wadding
- Starters (with engines)
- Plugs (with engines)
- Recommended Estes® Engines
 - With Egg: C11-3, C11-5, D12-5
 - Without Egg: C11-5, D12-5, D12-7



NOTE:
Fully extend your launch controller wire before launching.

NOTE:
Estimated weight: 3.5 oz. (99.2 g)

While holding key down FIRMLY, press launch button until LIFTOFF!

NOTE:
May also be launched from the 2215 Estes Porta-Pad® II Launch Pad.

PRECAUTIONS



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. Football fields and playgrounds are great. 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. If the starter has burned, it worked but did not ignite the engine because it was not touching the propellant inside the engine. Put a new starter all the way inside the engine without bending it. Push the plug in place. Repeat the steps under Countdown and Launch.

