



EstesRockets.com

VAPOR™

7294



One rocket — two looks!
Decals included for both!

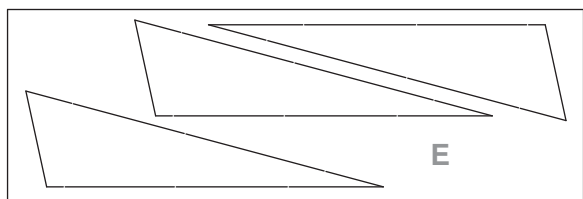
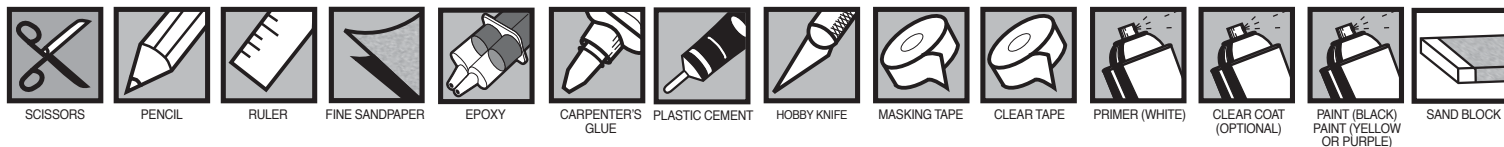
MODEL ROCKET INSTRUCTIONS

KEEP FOR FUTURE REFERENCE

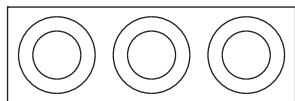
IMPORTANT: Please record date found on decal and keep for future reference. _____

READ ALL INSTRUCTIONS. Make sure you have all parts and supplies. Test fit all parts before applying glue.

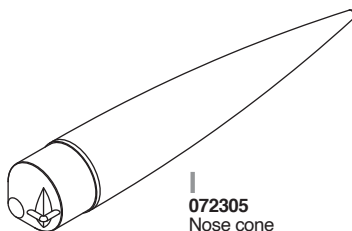
SUPPLIES



090051-7294
Laser cut balsa sheet



C 090052-7294
Laser cut centering rings

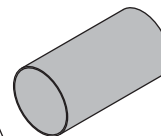


I 072305
Nose cone



H 038363
Shock cord

D 030396
Body tube



G 031777
Red tube coupler

E

D 030396
Body tube

F 038166
Launch lug

B 030164-2
Green engine block

M 034997
Yellow spacer tool

A 030463
Engine mount tube

N 035005
Orange E to D engine spacer

L 072417
Engine retainer set

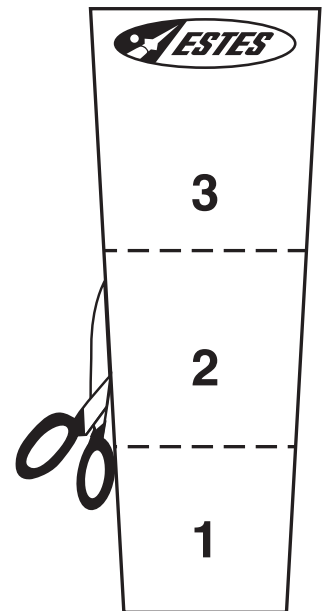
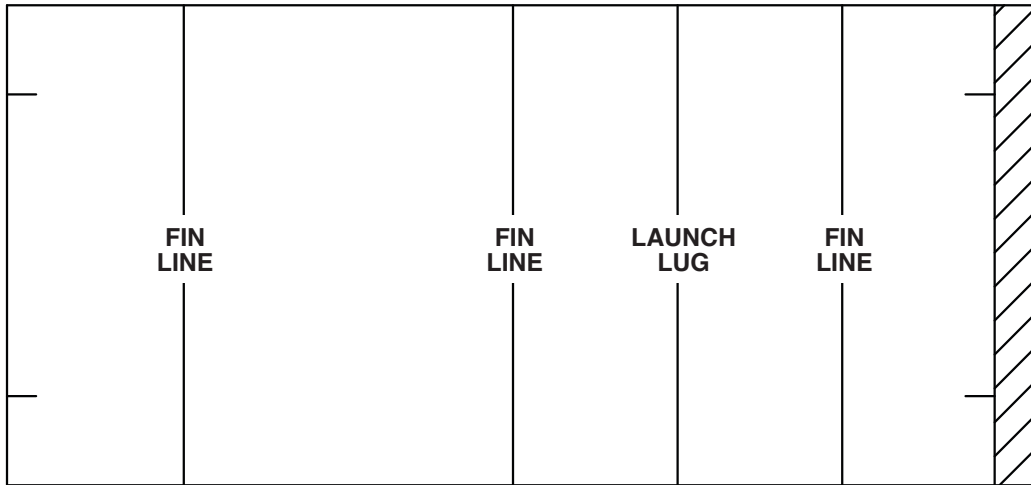
J 035802
Parachute



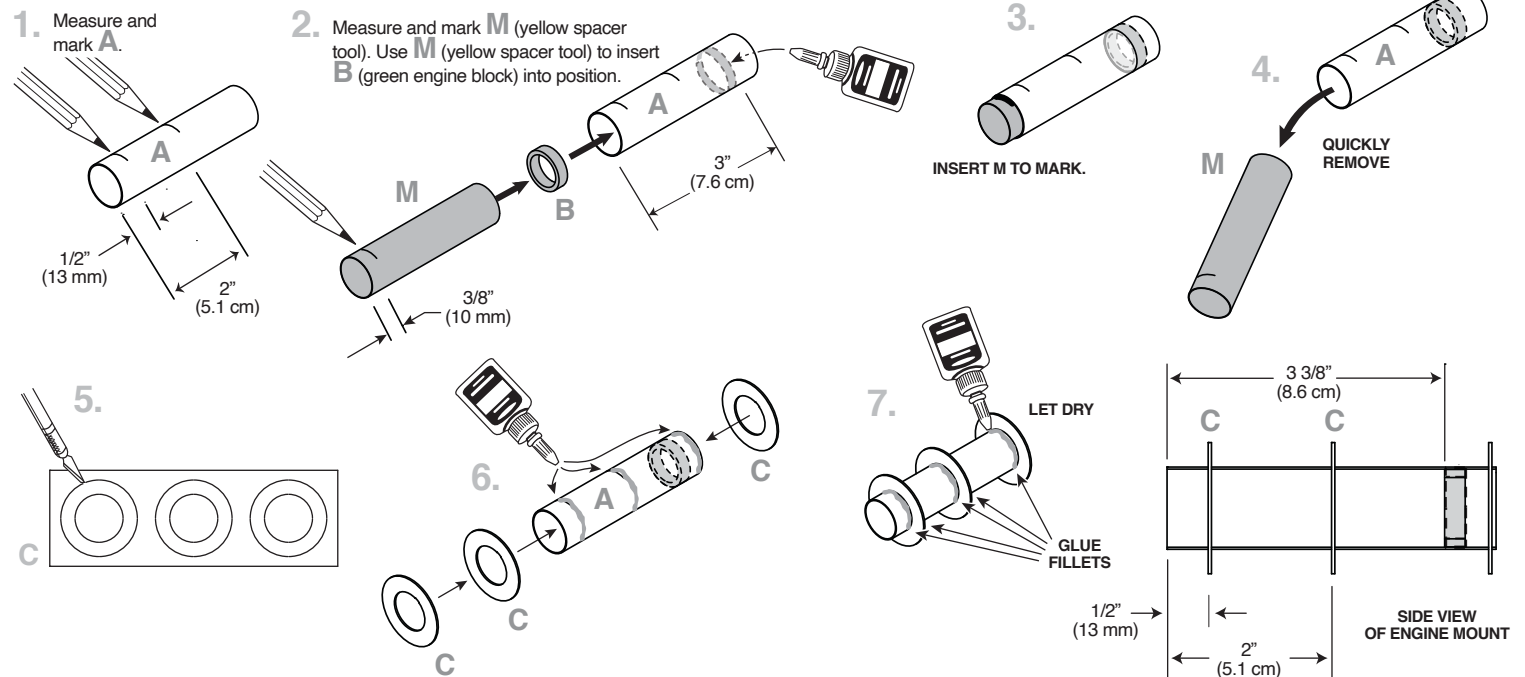
090001-7294
Waterslide decal

TUBE MARKING GUIDE & SHOCK CORD MOUNT

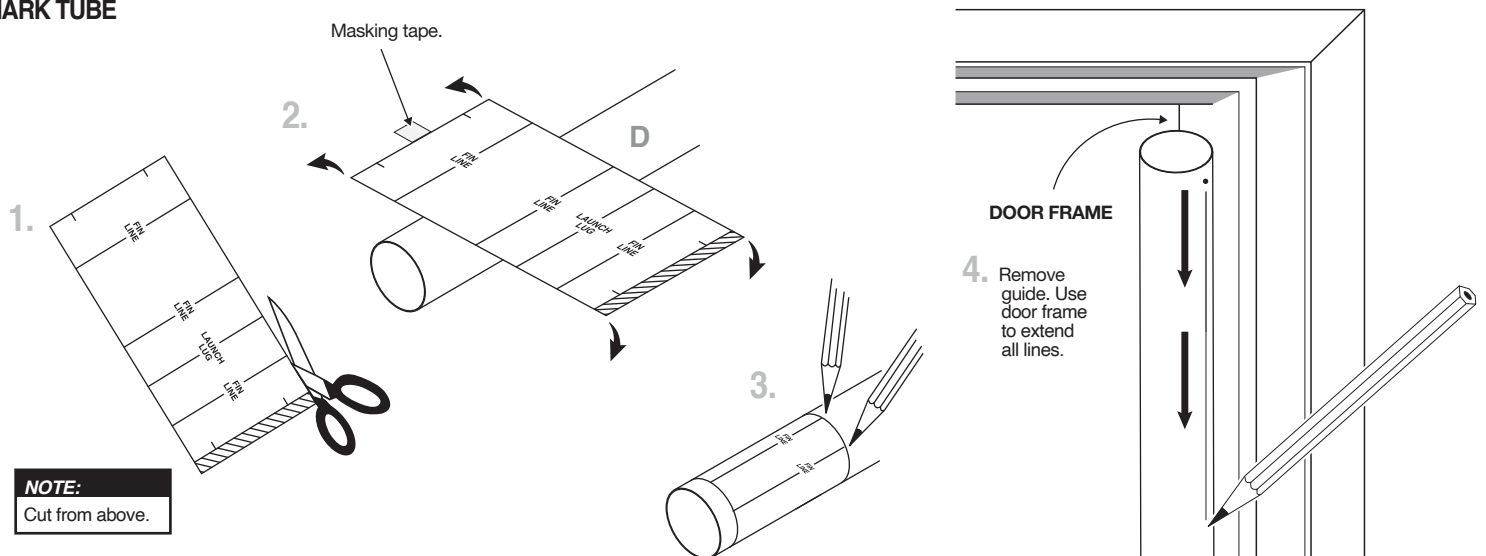
Make a copy if you want to keep instructions.



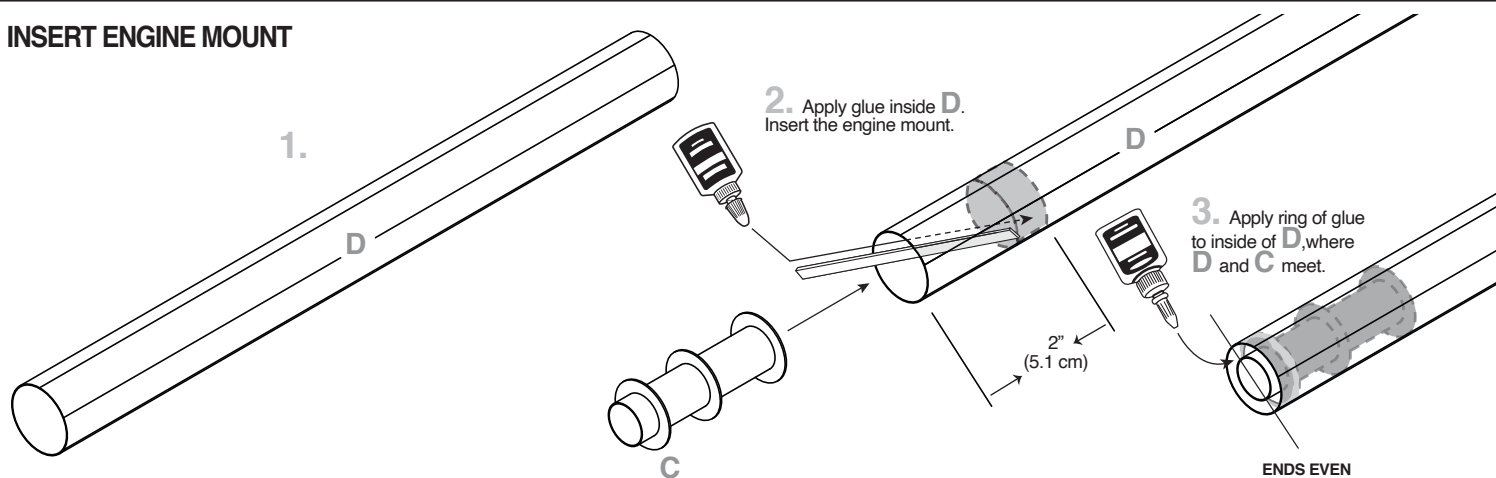
ASSEMBLE ENGINE MOUNT



MARK TUBE

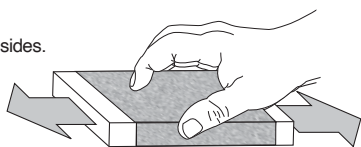


INSERT ENGINE MOUNT

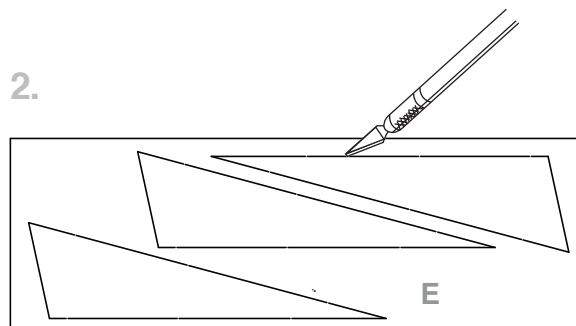


PREPARE AND ATTACH FINS

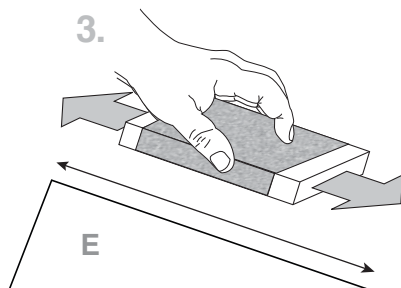
1. Sand both sides.



2.



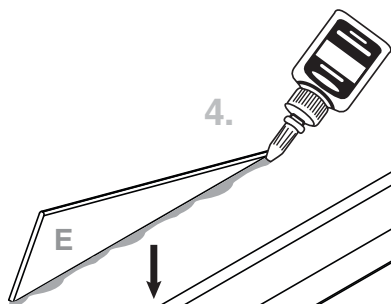
3.



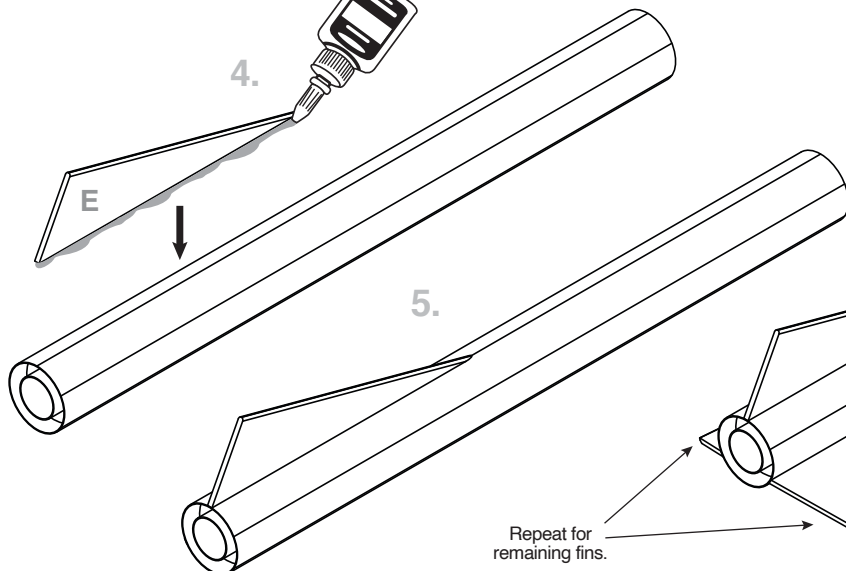
ROUND LEADING EDGE

X3

4.



5.

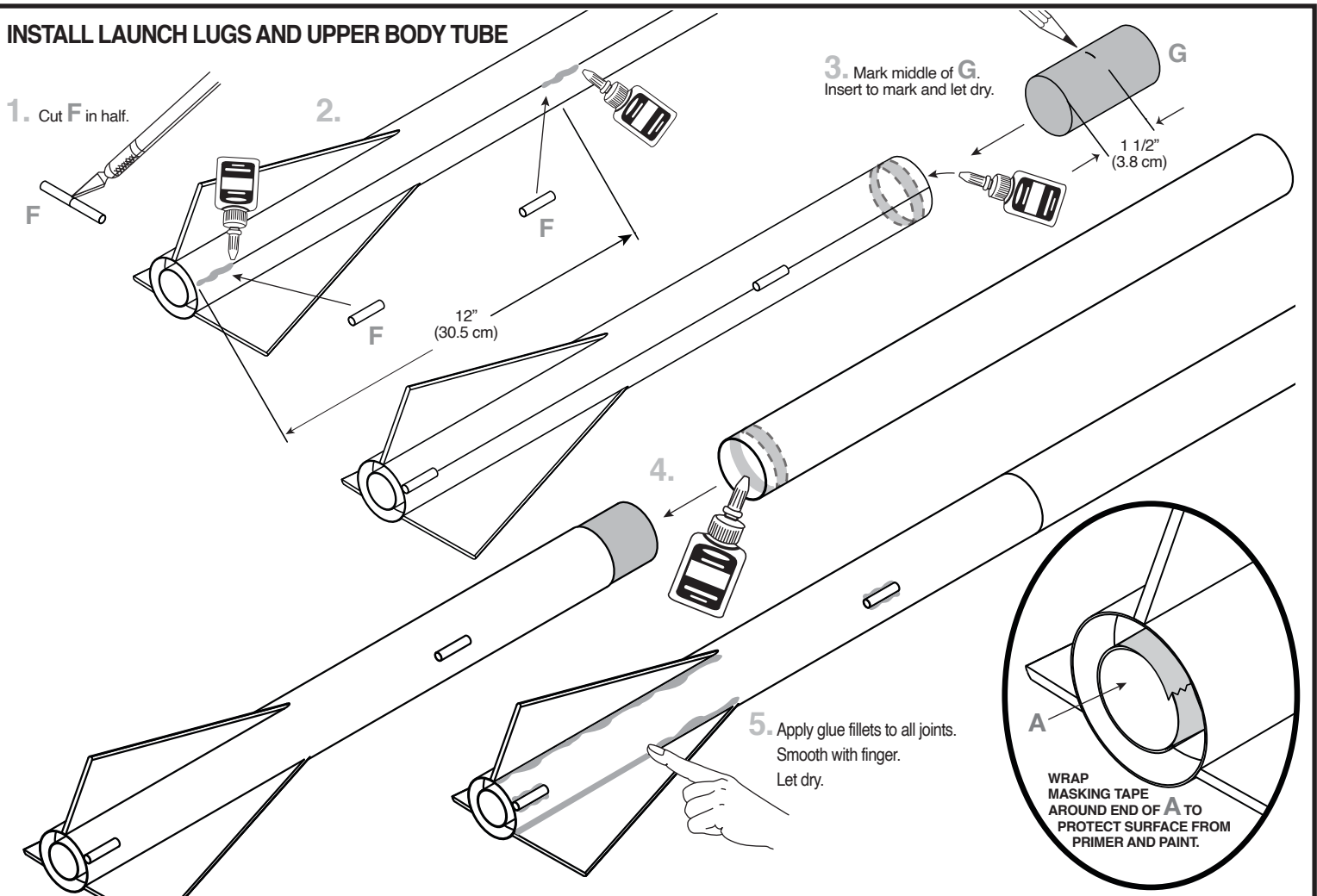


6.

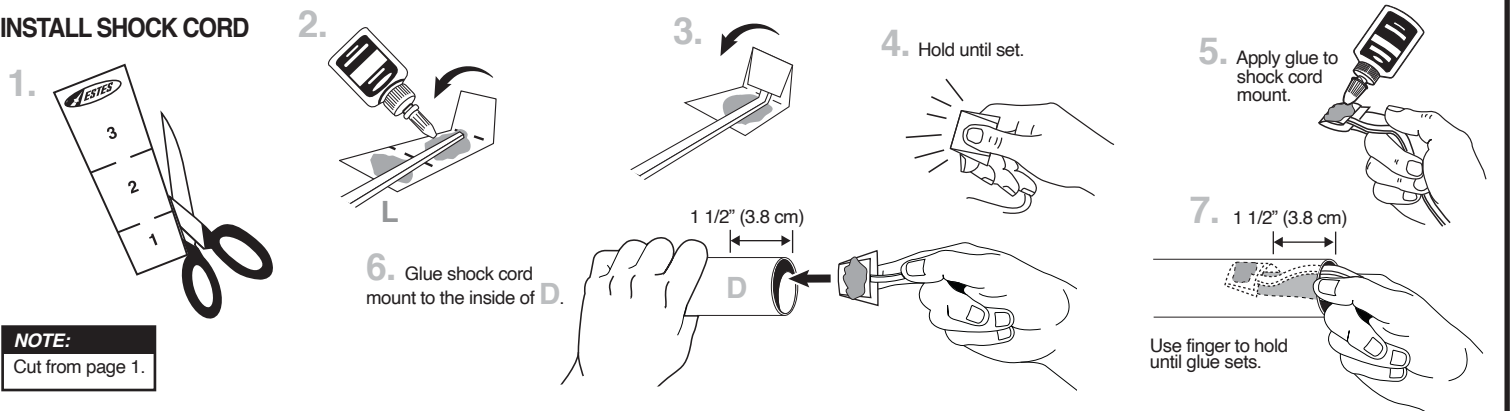
CHECK ALIGNMENT
LET DRY

Repeat for
remaining fins.

INSTALL LAUNCH LUGS AND UPPER BODY TUBE

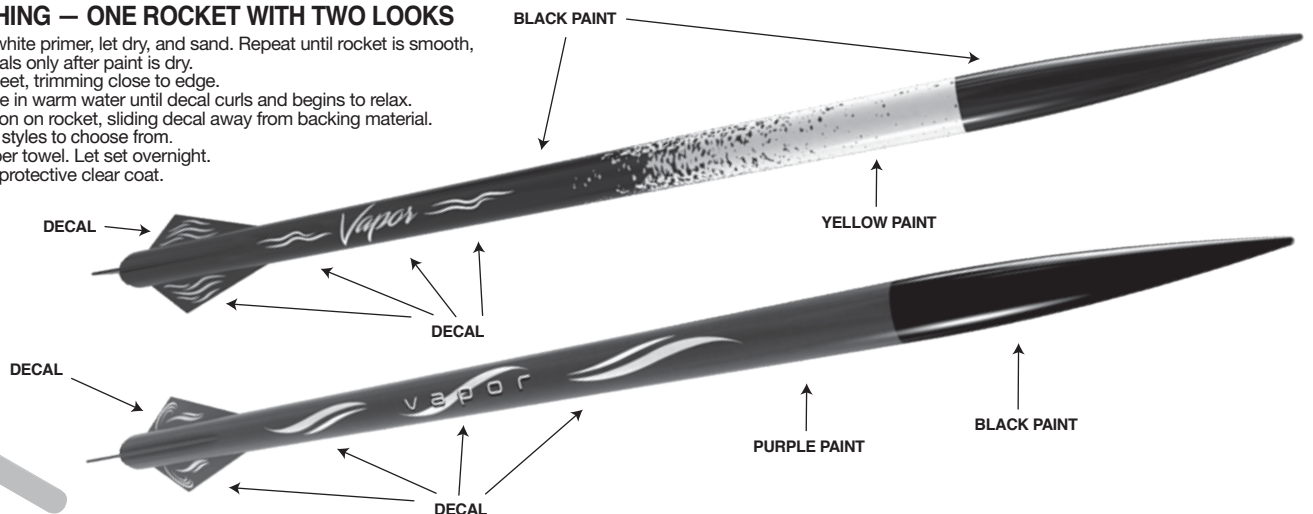


INSTALL SHOCK CORD

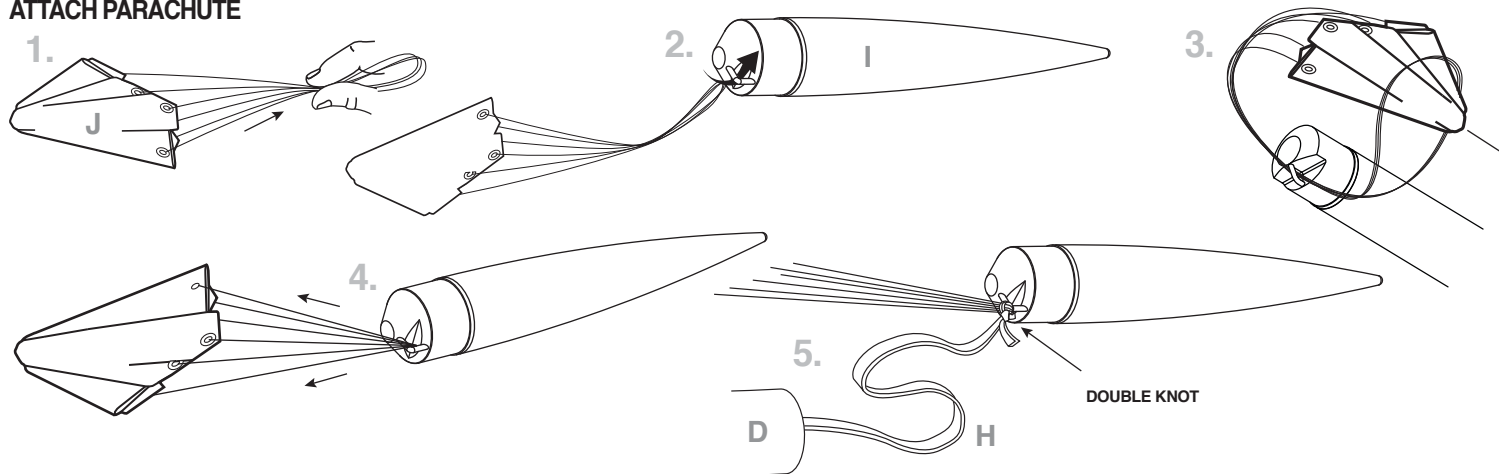


ROCKET FINISHING — ONE ROCKET WITH TWO LOOKS

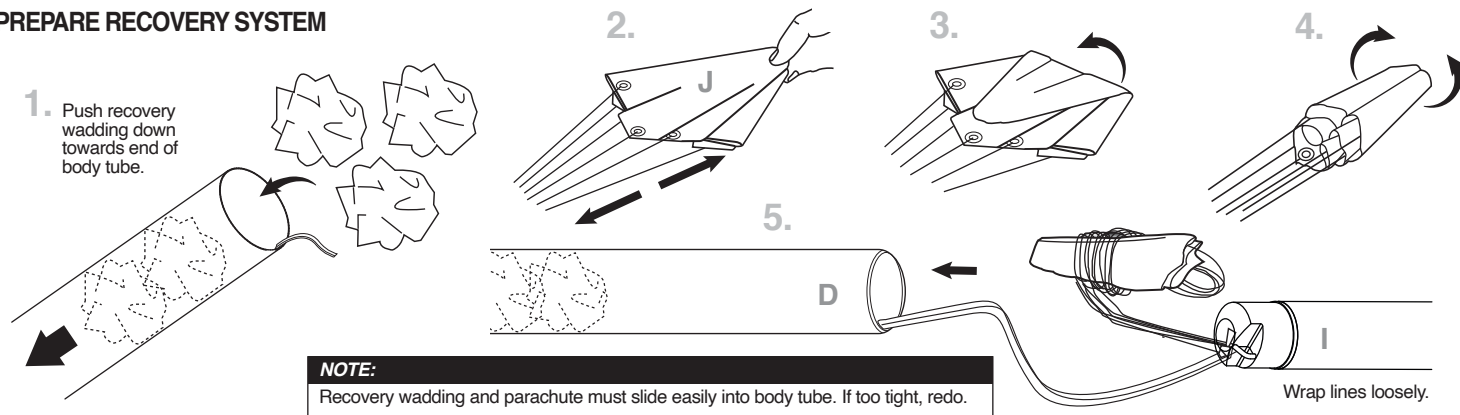
1. Spray rocket with white primer, let dry, and sand. Repeat until rocket is smooth, then paint. Apply decals only after paint is dry.
2. Cut decals from sheet, trimming close to edge.
3. One at a time, place in warm water until decal curls and begins to relax.
4. Remove and position on rocket, sliding decal away from backing material. There are two design styles to choose from.
5. Blot with clean paper towel. Let set overnight.
6. OPTIONAL: Apply protective clear coat.



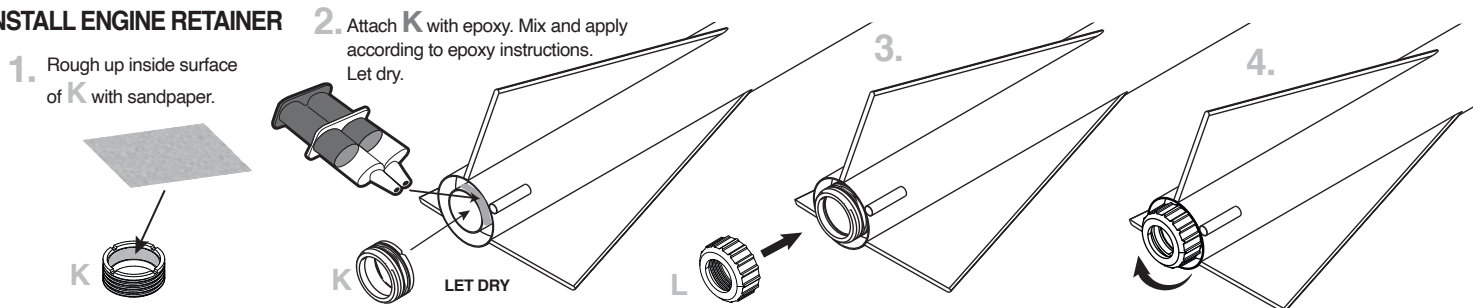
ATTACH PARACHUTE



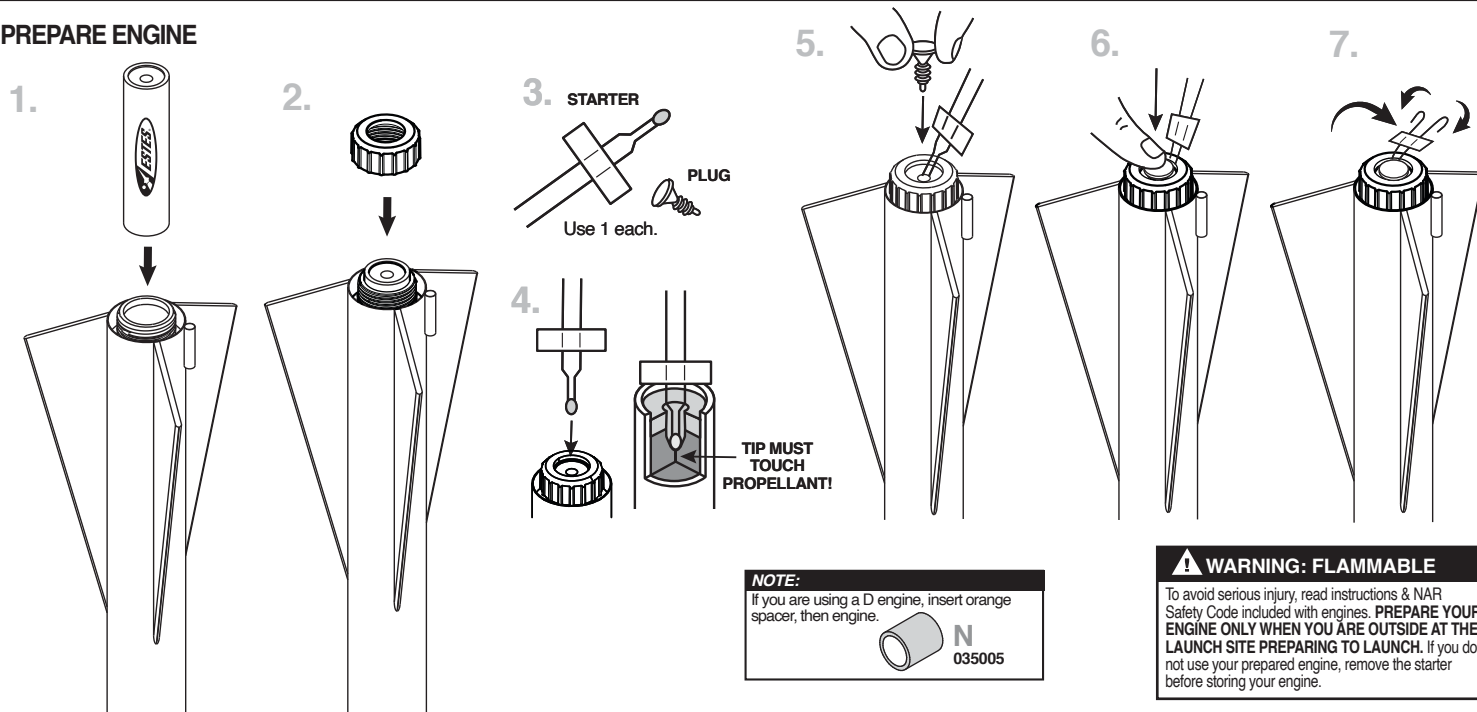
PREPARE RECOVERY SYSTEM



INSTALL ENGINE RETAINER



PREPARE ENGINE



COUNTDOWN AND LAUNCH

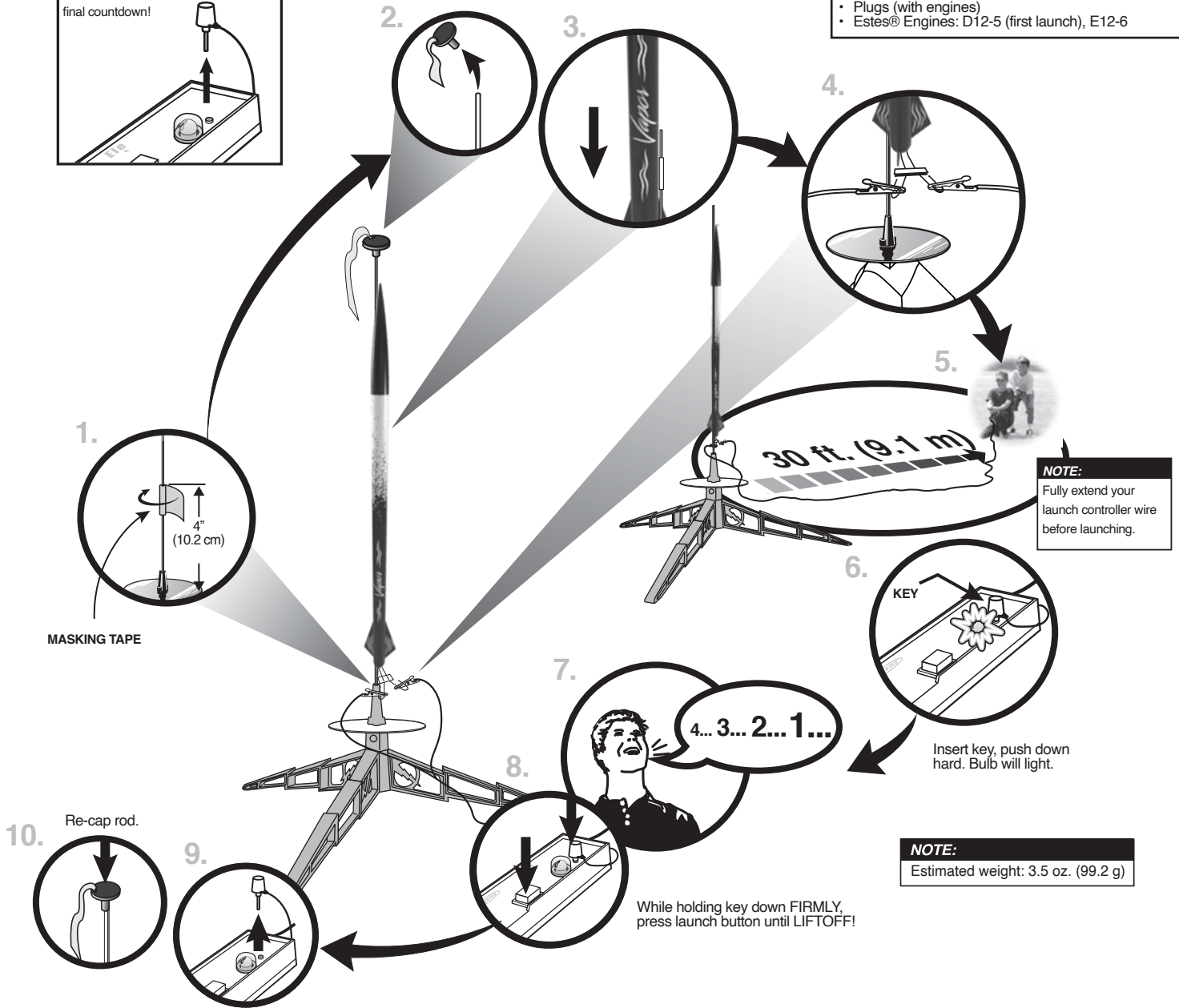
NOTE:

Key always out until final countdown!

ESTES® LAUNCH SUPPLIES NEEDED

(Sold Separately)

- Porta-Pad® E Launch Pad
- E Launch Controller or Pro Series II Launch Controller
- Requires 3/16 in. (5 mm) Maxi™ Launch Rod
- Recovery Wadding
- Starters (with engines)
- Plugs (with engines)
- Estes® Engines: D12-5 (first launch), E12-6



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. 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. 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.