

MODEL ROCKET INSTRUCTIONS

KEEP FOR FUTURE REFERENCE

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



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.











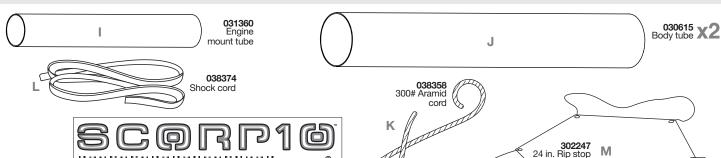








SANDPAPER TAPE (OPTIONAL) Parts to be 3D printed 090009B-9733 Coupler 090009C-9733 Fin can 090009C-9733 **X3** 090009A-9733 Fin **X3** 090009D-9733 Fin X3 090009A-9733 090009F-9733 X3 0 G 090009B-9733 Fin **X3** 090009E-9733 Fin **X3** 090009H-9733 Engine retainer female 090009G-9733 Engine retainer male

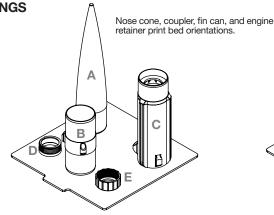


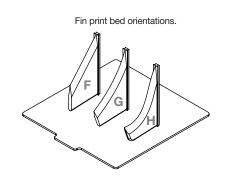


3D PRINT PARTS ORIENTATION AND SETTINGS

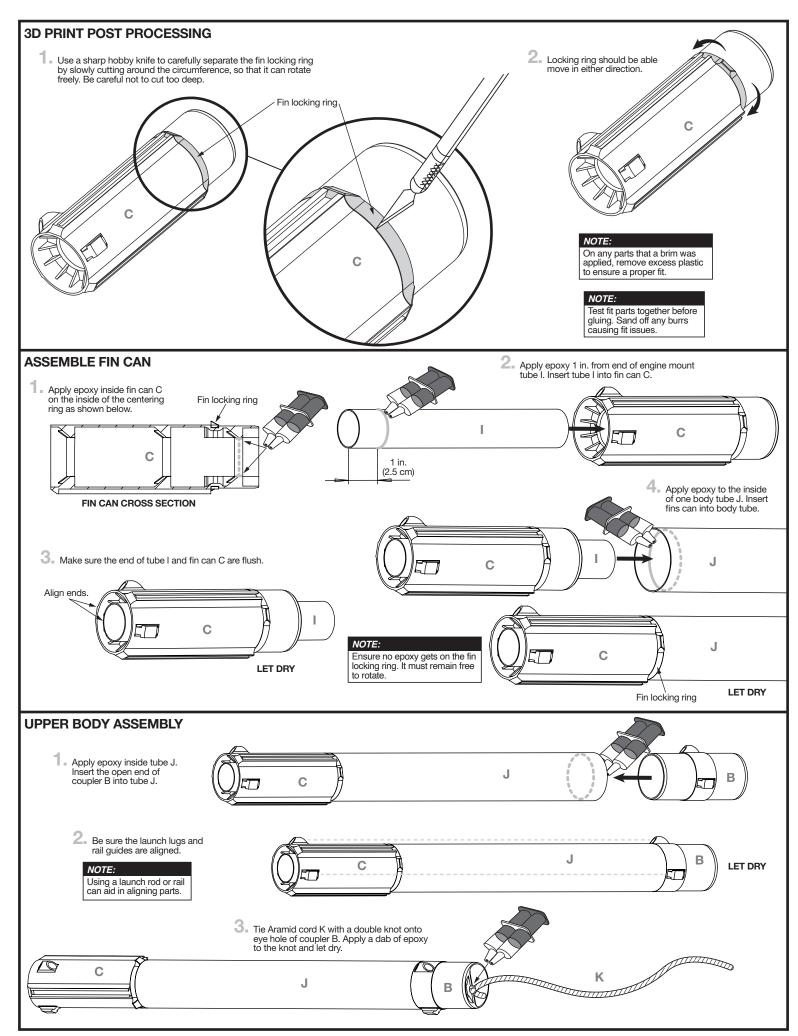
General Printer Setting Recommendations:

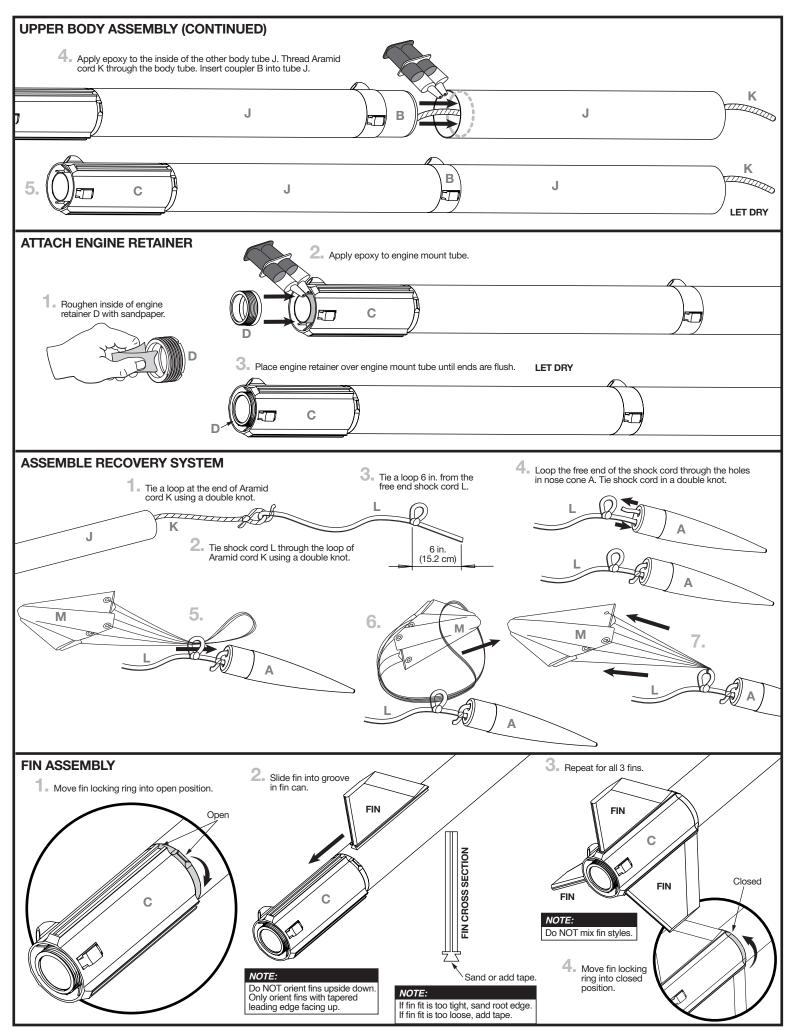
- -Recommended filaments: PLA+, PETG, ABS.
- -No supports necessary (support settings are at the consumers discretion if they are desired).
- -Wall thickness of 3 lines wide with a 0.4mm nozzle.
- -7 Percent infill (gyroid).
- Use of a 3mm or wider brim is recommended for bed adhesion.

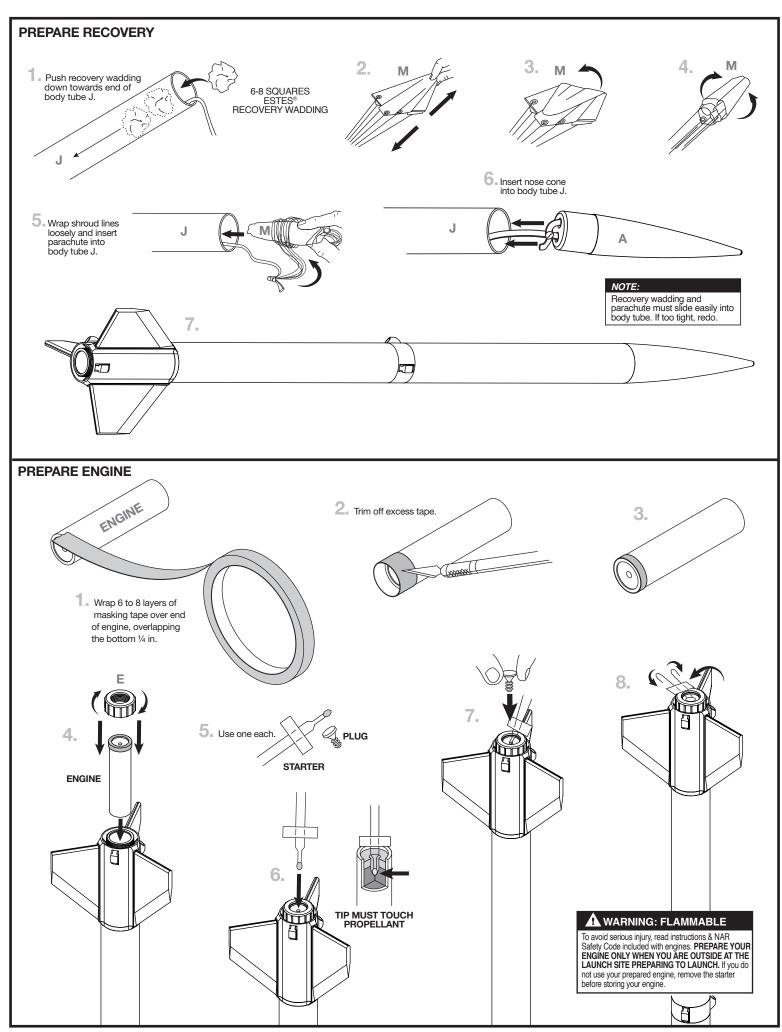




parachute







INSTRUCTIONS FOR ADDITIONAL FINS (2326) - SOLD SEPARATELY 090009C-9733 **X3** 090009B-9733 **X3** 090009A-9733 **X3** 0 Ν Fin print bed orientations. **General Printer Setting Recommendations:** -Recommended filaments: PLA+, PETG, ABS. -No supports necessary (support settings are at the consumers discretion if they are desired). -Wall thickness of 3 lines wide with a 0.4mm nozzle. -7 Percent infill (gyroid). - Use of a 3mm or wider brim is recommended for bed adhesion. **FIN ASSEMBLY** 2. Slide fin into groove in fin can. Move fin locking ring into open position. FIN Open 3. Move fin locking ring into closed position. FIN CROSS SECTION Closed 4. Repeat for all 3 fins. C Sand or add tape. FIN

Do NOT mix fin styles.

NOTE:

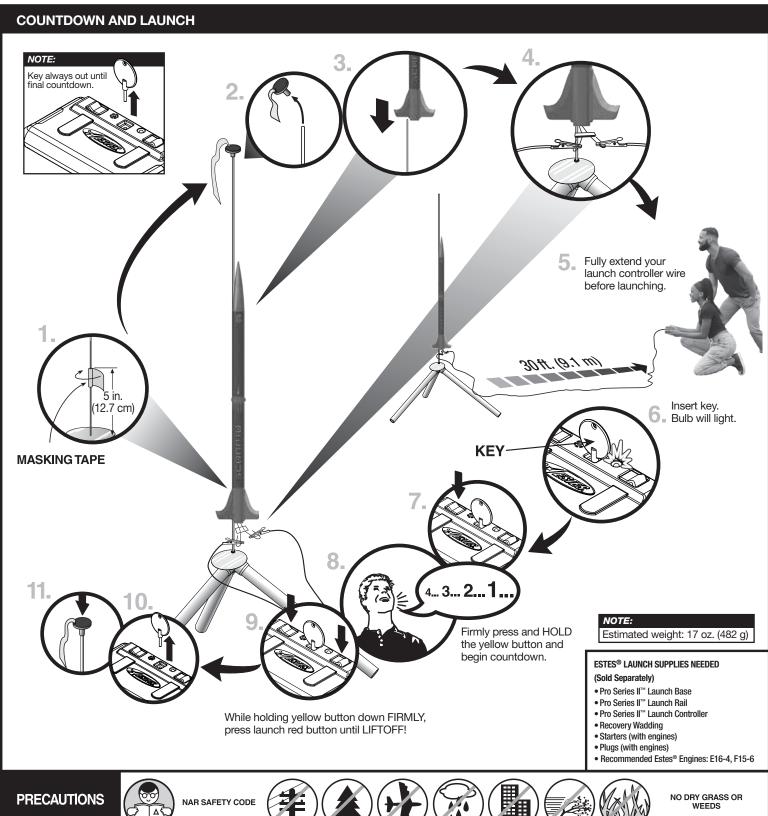
If fin fit is too tight, sand root edge.

If fin fit is too loose, add tape.

NOTE:

Do NOT orient fins upside down.

Only orient fins with tapered leading edge facing up.



















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 (1000 ft. [305 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.

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PN 090004-9733 (8-25)