



INSTRUCTIONS

01

Purchase the following parts:

- Two 1/4" x 1 1/4" Steel fender washers.
- Two 1/4" x 1/2" x 3/8" Nylon spacers.
- Four 1/4" x 1/2" x 1/8" Nylon spacers.



MATERIALS

Two 1/4" x 1 1/4" Steel fender washers.
Two 1/4" x 1/2" x 3/8" Nylon spacers.
Four 1/4" x 1/2" x 1/8" Nylon spacers.



WHY?

The 3/8" spacers and the fender washers will be used to guide the rocket up the launch rail and the 1/8" spacers will ensure the engine is sitting in the center of the rocket body.



WEB

www.mcmaster.com part number 91090A109.
www.mcmaster.com part number 94639A570.
www.mcmaster.com part number 94639A567.



INSTRUCTIONS

02

Purchase the following parts:

- Four 1/4-20 x 5/8" button head hex screws.
- Two 1/4-20 x 1" button head hex screws.



MATERIALS

Four 1/4-20 x 5/8" button head hex screws.
Two 1/4-20 x 1" button head hex screws.



OPTIONS

Any type of 1/4-20 x 5/8" screws can be used but I like the button head hex screws because the screw heads are more aerodynamic. I realize it really doesn't make any difference in the performance of the rocket, I just think they make the rocket look sleeker.



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www.mcmaster.com part number 91255A539.
www.mcmaster.com part number 91255A542.