



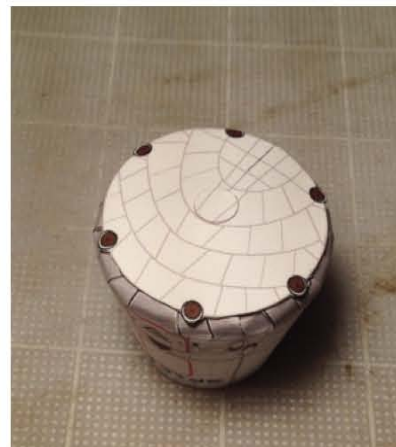
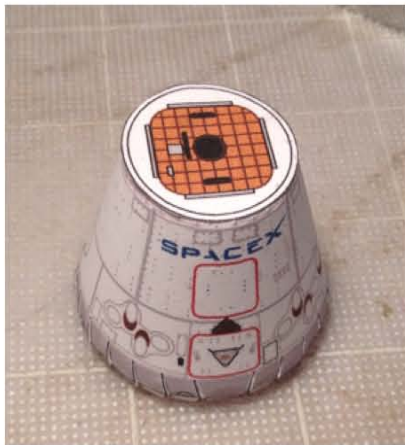
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# AXM Falcon 9 v1.1 Instruction Manual



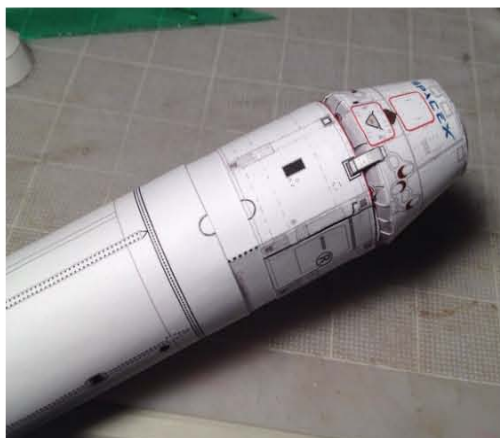
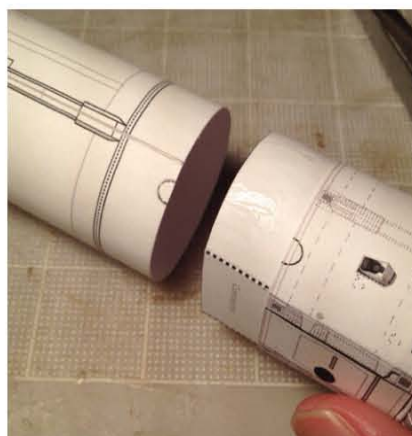
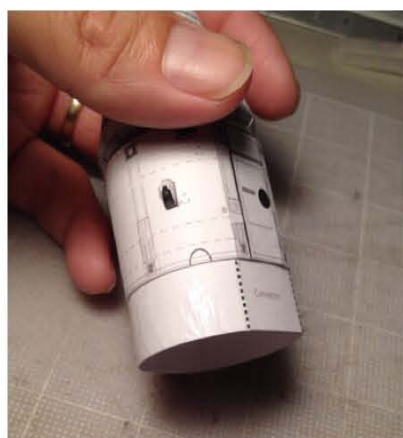
The assembly steps for the new Falcon 9 v1.1 are similar to building the 1:100 and 1:144 versions of the original AXM Falcon 9 model. There are obvious differences specially the landing legs and the new Octaweb engine grid design.

### Building the Dragon Capsule (launch configuration)



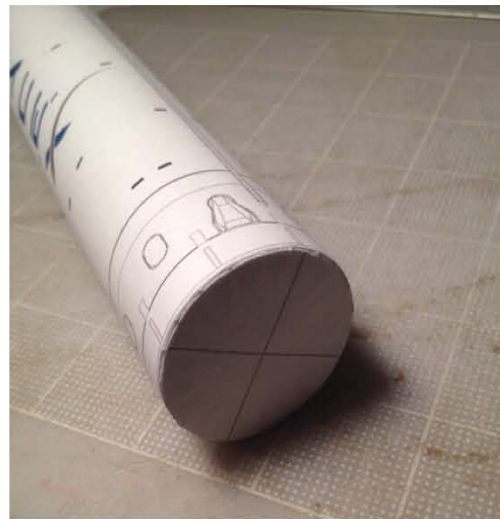
Check the original AXM Falcon 9 instruction manual to assemble the Dragon capsule and its trunk for ISS configuration.

The original trunk file has been modified with the addition of 6 small tabs to better insert and glue the Dragon capsule on top of it. Also, the solar panels covers have been modified with the addition of small tabs to glue them to the trunk.



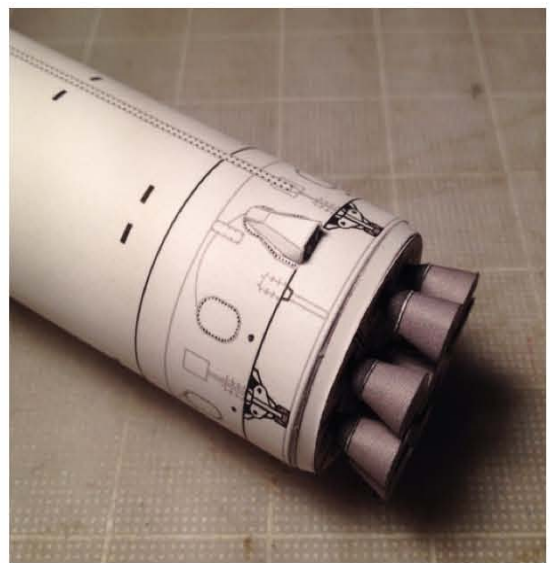


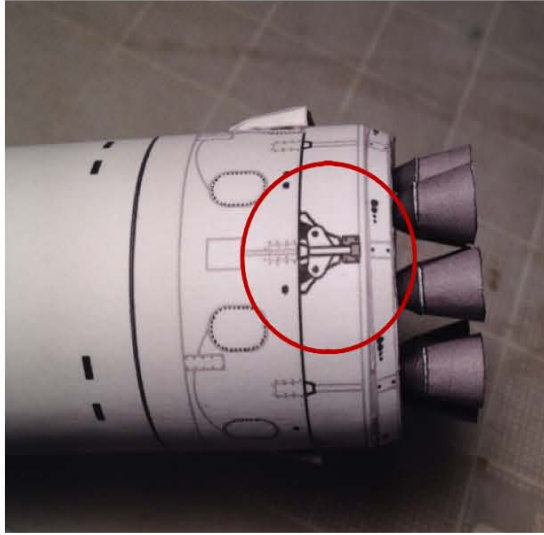
**Putting all the stages together.**



**Octaweb engine section**

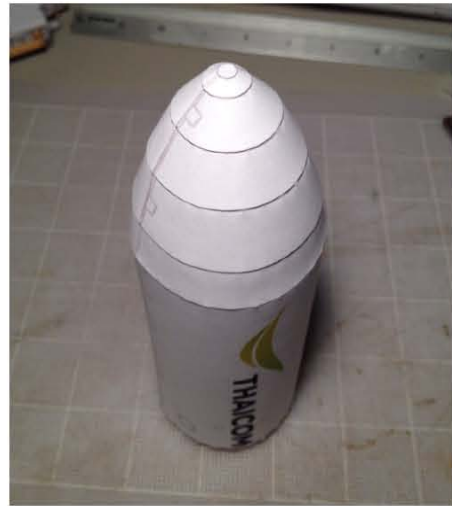




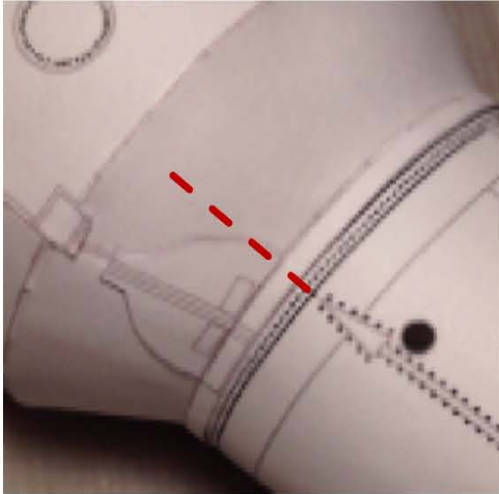
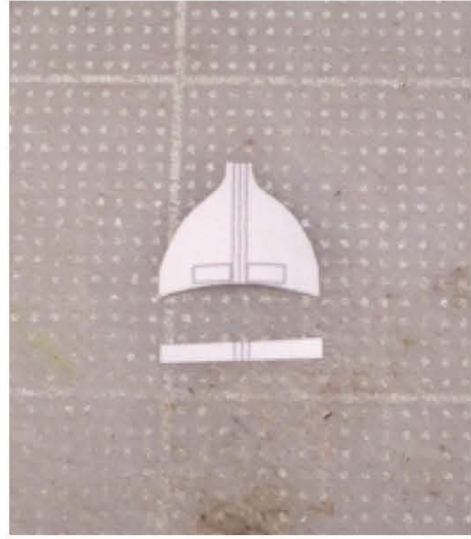
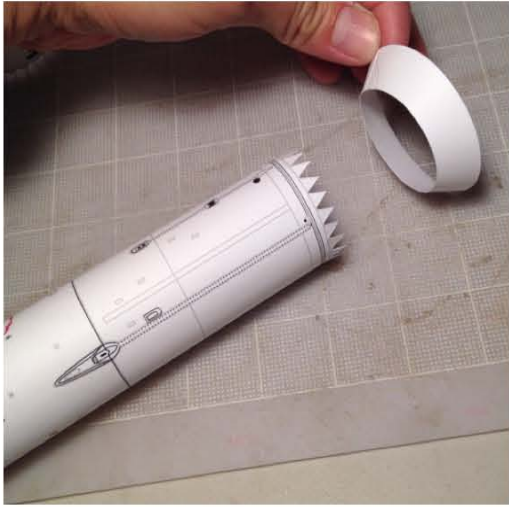


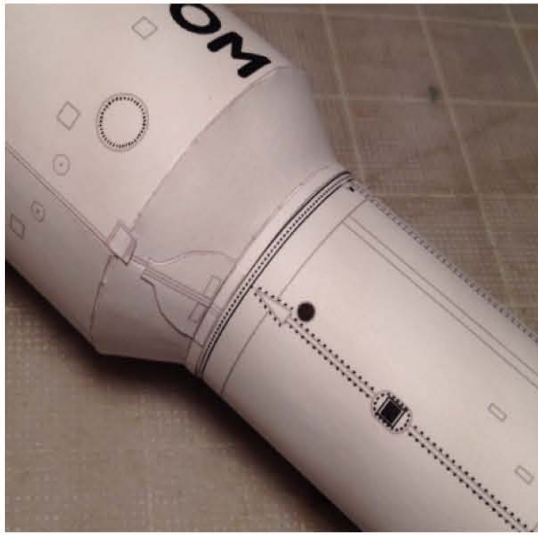
The drawing is an optional feature for those who do not want to assemble the small hinge mechanisms for the legs. This photo is from the prototype model.

### Building the Payload fairing shroud (Commercial Falcon 9 v1.1)



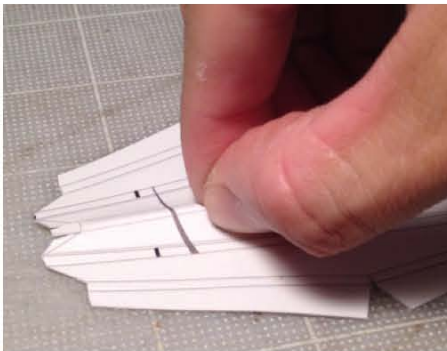
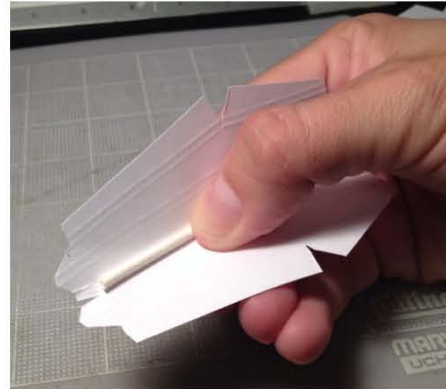
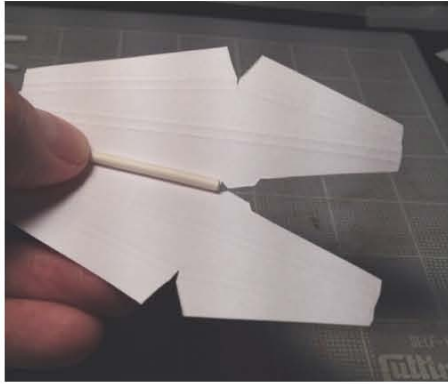


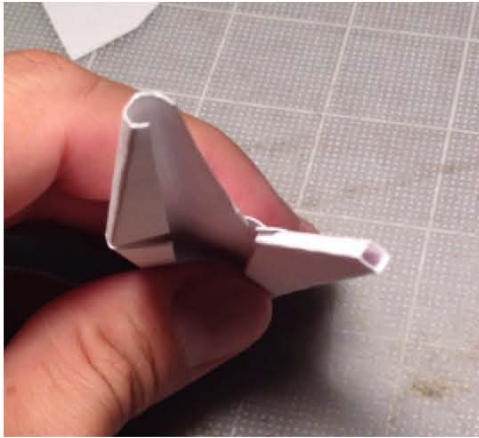
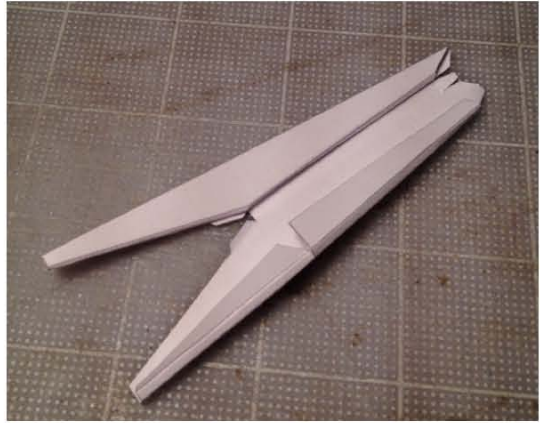


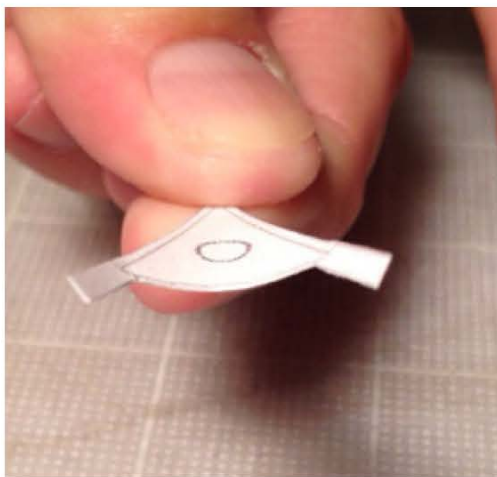
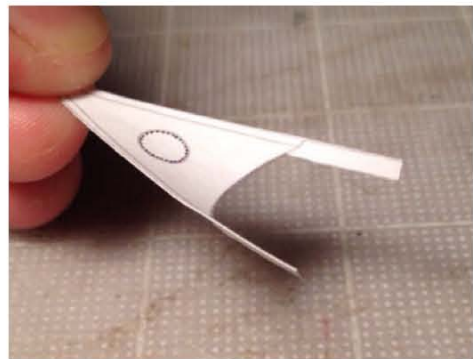




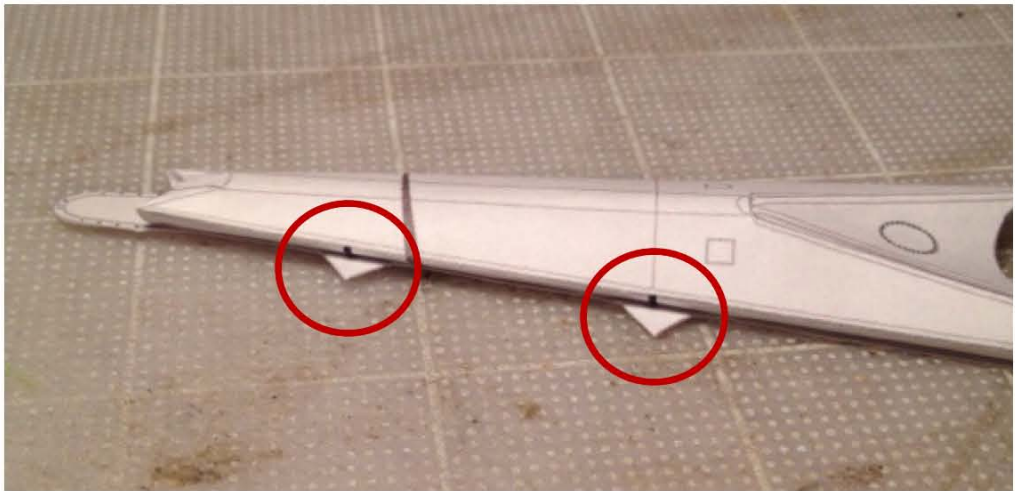
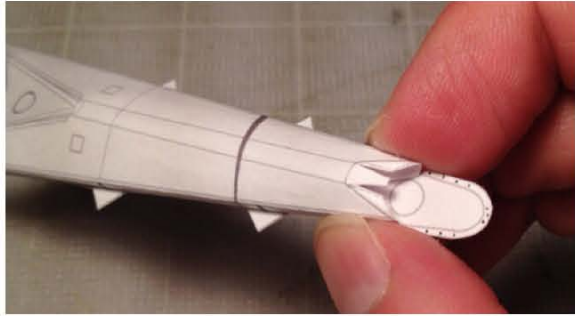
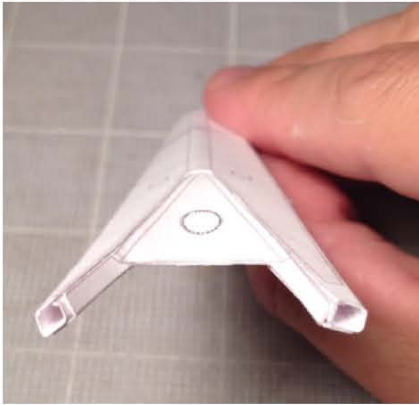
### Building the landing Legs











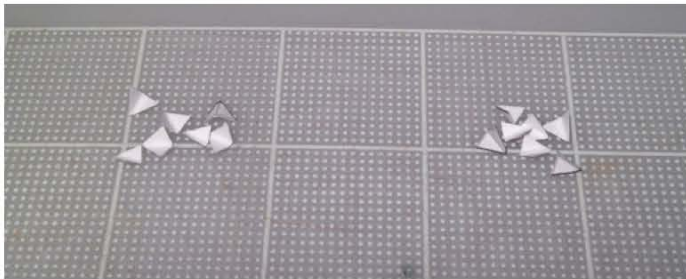
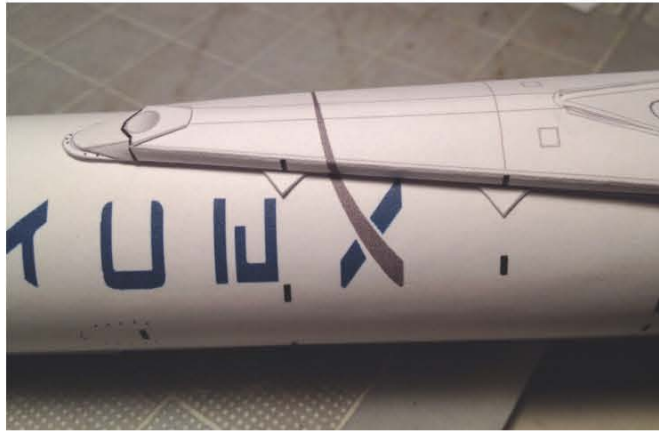




The small triangles have to be folded downwards so they can be glued firmly to the rocket body.



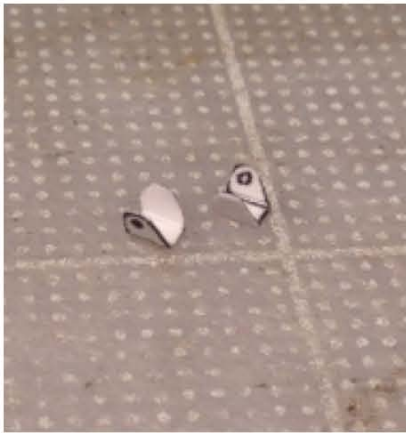


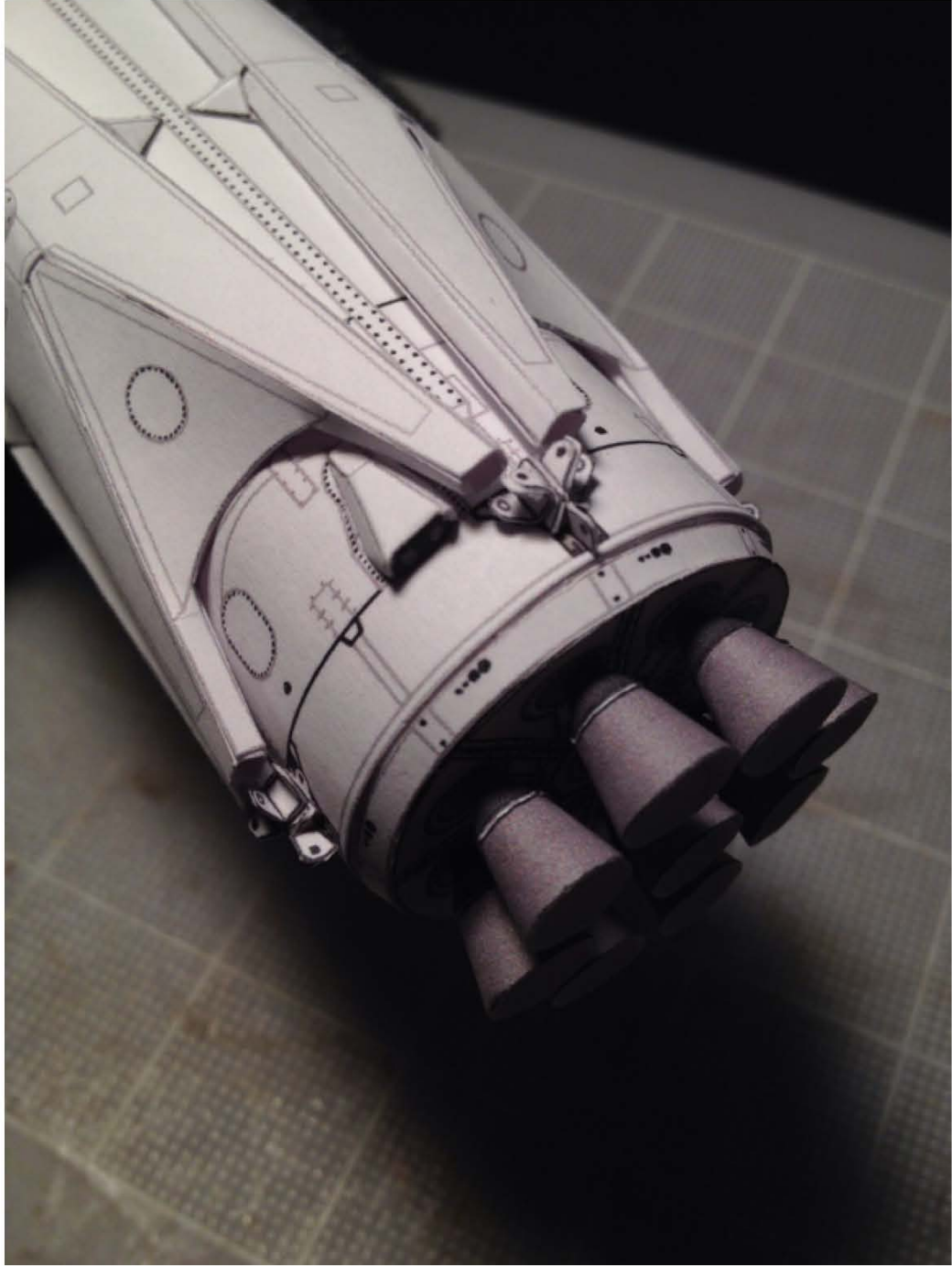


Now cut out the triangle covers, make 2 groups, the left ones and the right ones. Then start gluing them.



**Adding the hinge mechanisms to the landing legs.**



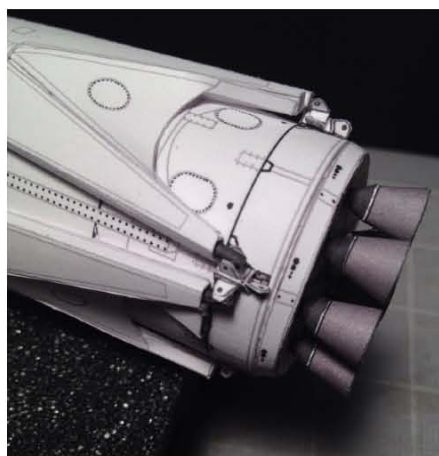


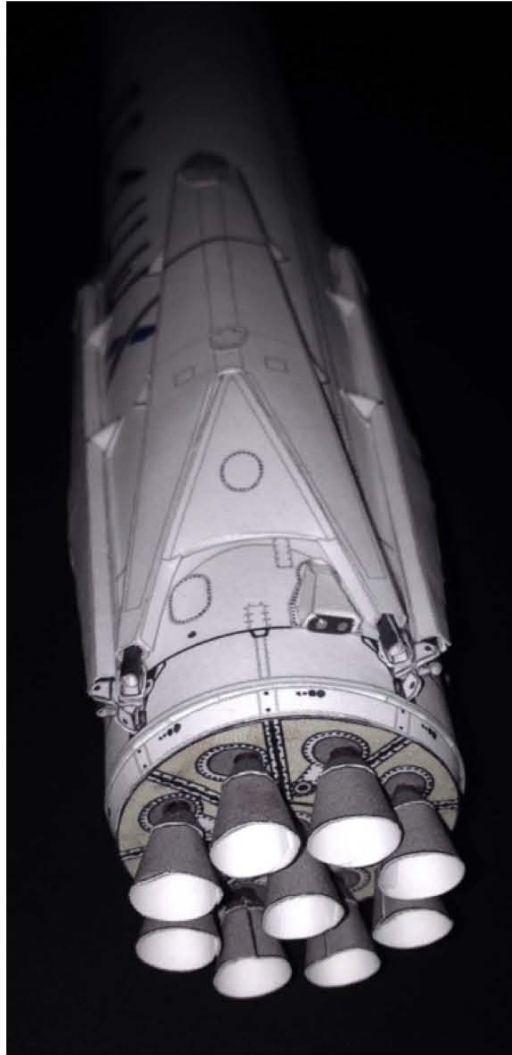
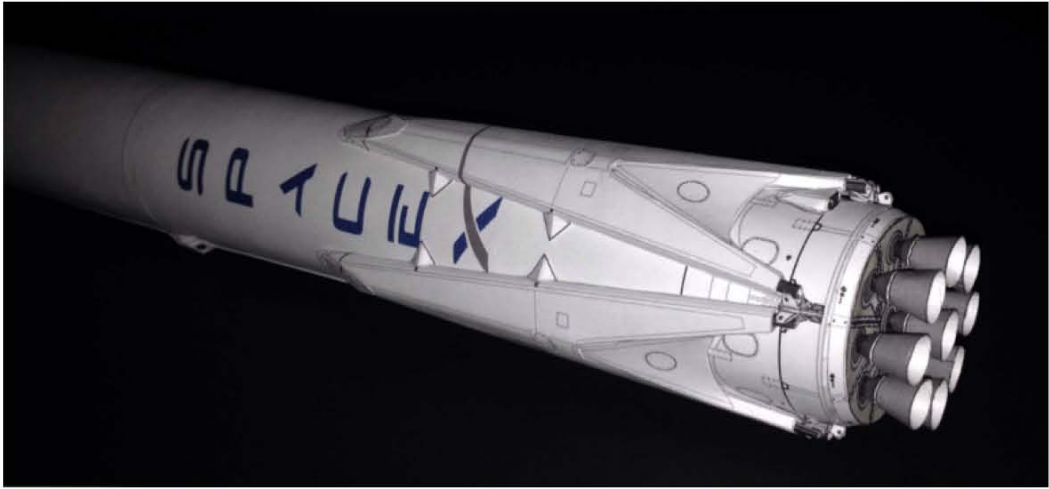


## Adding the pins inside the legs



Roll the black strip and then cut the individual segments, then roll each segment into a very thin cylinder of approximately 2 mm in diameter. In total there are 8 pins for all the legs.















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