

Step 1

Print template onto card-stock or thick paper. This helps to hold the shape and give an accurate datum. When printing, make sure to change your settings to print "actual size" or it will not fit. I have put 6 of the templates on one page just in case something goes wrong when cutting them out.

Step 2

Cut out template and also cut out inner section with honeycomb fill. I found it easiest to use a hobby knife, but scissors would work too.

Step 3

Fold the timing mark needle on the line through the template so that it stands at 90° from the face.

Step 4

Place the template on the rear timing cover, making sure to fit the template into the radius against the case and also locking the template into place with the angled edge (seen inside the red circle on the picture). This is to ensure the template does not rotate and gives an accurate reading for the timing marks.

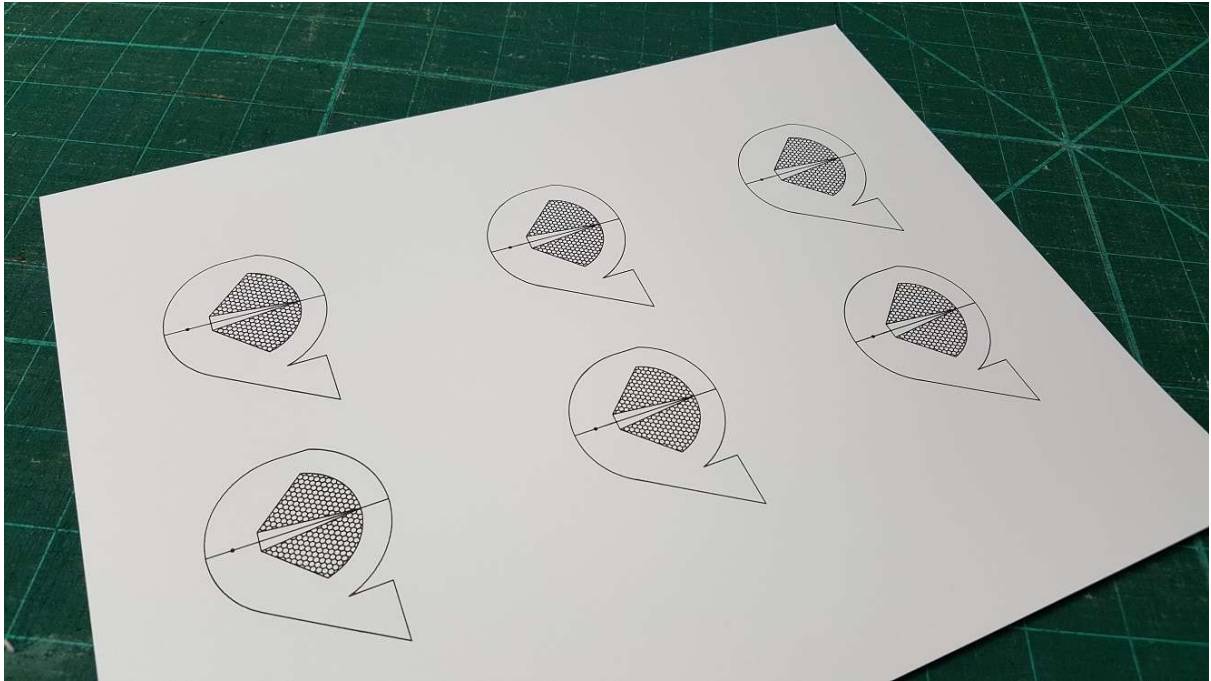
Step 5

Look into the timing cover hole so that the lines on the timing mark needle line up with the lines on the face of the template (Step 5 GOOD). **THIS IS CRITICAL.** Do not lean too far forward or away as the lines will not line up and you will not have an accurate position reading (Step 5 BAD).

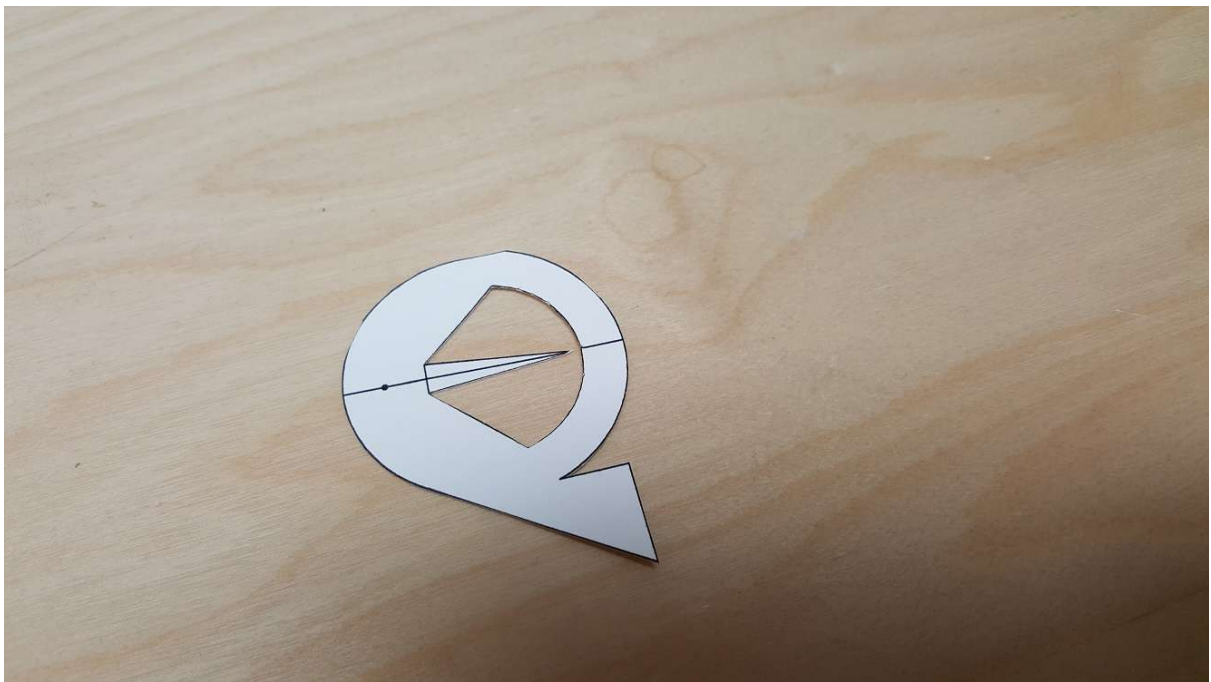
Step 6

Ensuring the timing needle marks line up, use the template to position the timing marks on the engine.

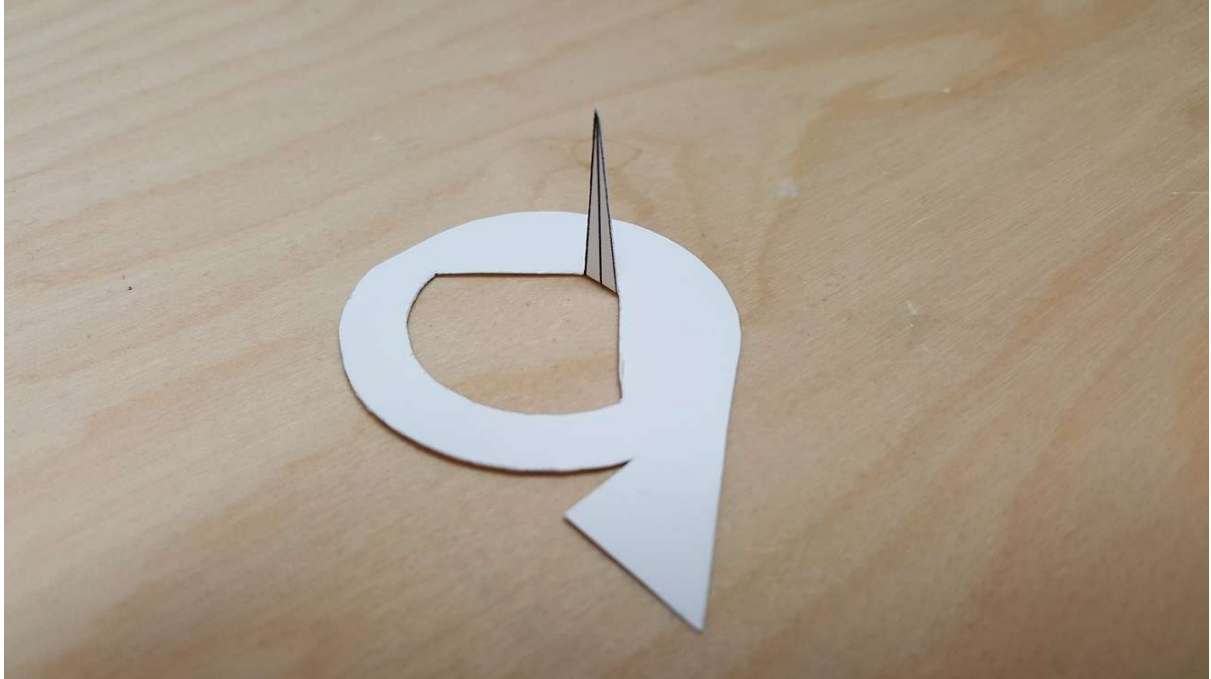
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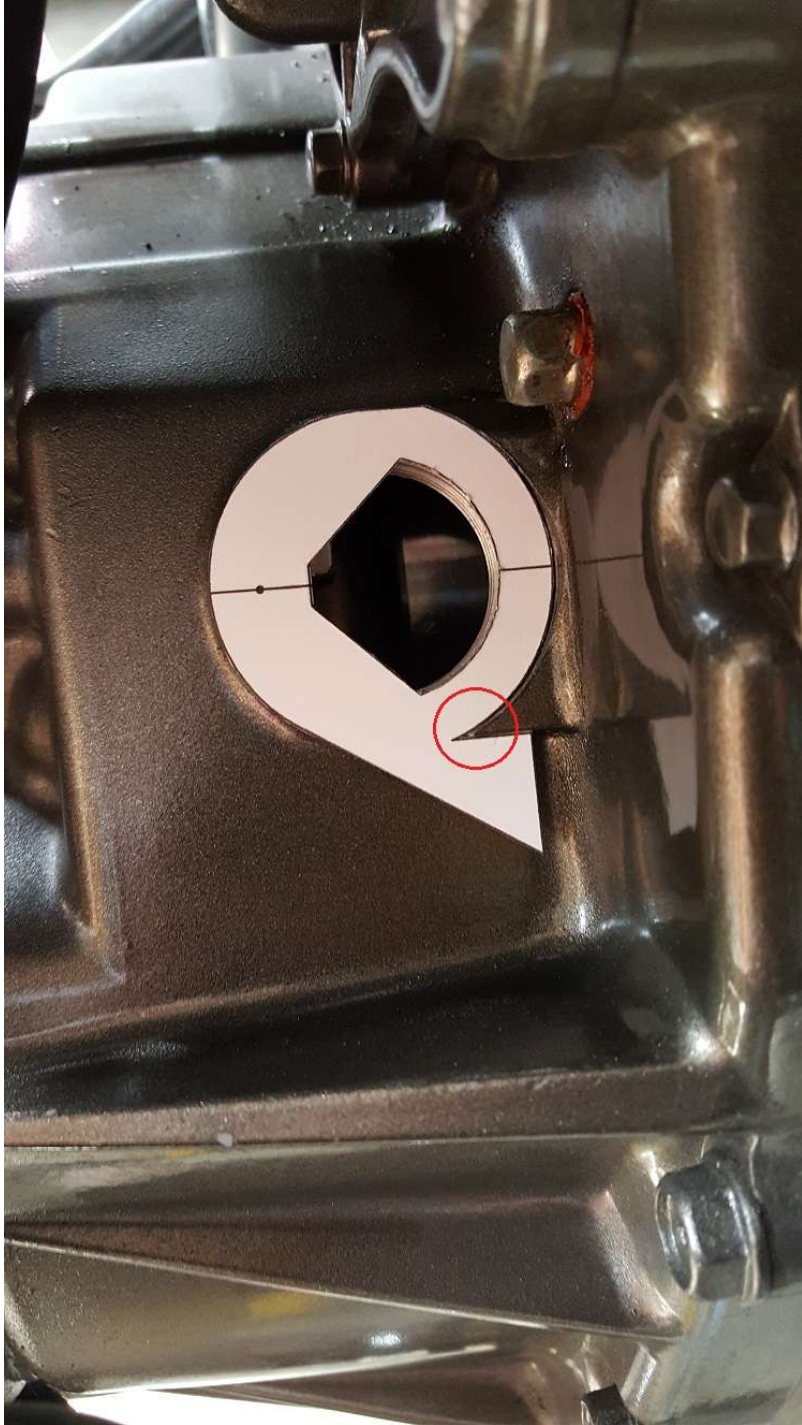
Step 2.jpg



Step 3.jpg



Step 4.jpg



Step 5 BAD.jpg



Step 5 GOOD.jpg



Step 6.jpg

