

# How to drill out the M.M Angles and Plate

ONLY ONE MOTOR MOUNT ANGLE IS FACTORY DRILLED. MATCH DRILL THE UNDRILLED ANGLE USING THE DRILLED ANGLE AS A GUIDE

## Step # 1

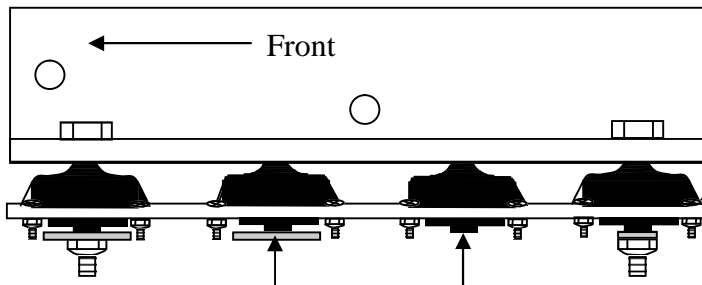
1. Clamp angles together with this end flush and all other edges flush.

2. Drill through 5/16" holes with 5/16" bit using factory drilled hole as a guide.

3. Rotate left angle 90 deg. to the left and rotate right angle 90. deg to the right

4. Clamp angles together with the SAME END flush and all other edges flush.

5. Drill through 1/4" holes with 1/4" bit using factory drilled hole as a guide.

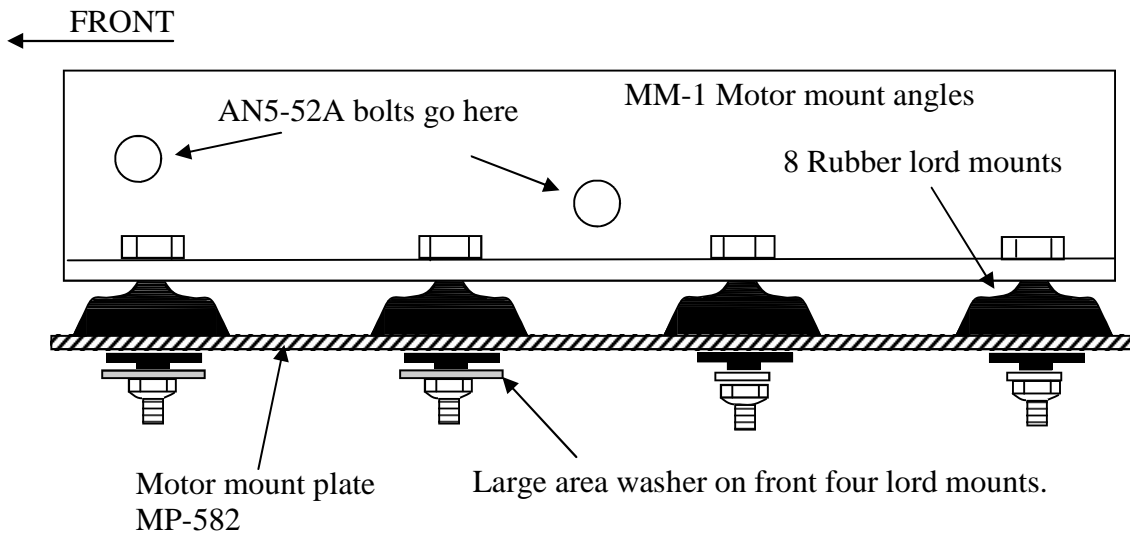


6. Drill holes on the motor mount plate using the lord mount holes as a guide with 5/32" drill bit. Install the 5/32" bolts and nyloc nuts See page 47.

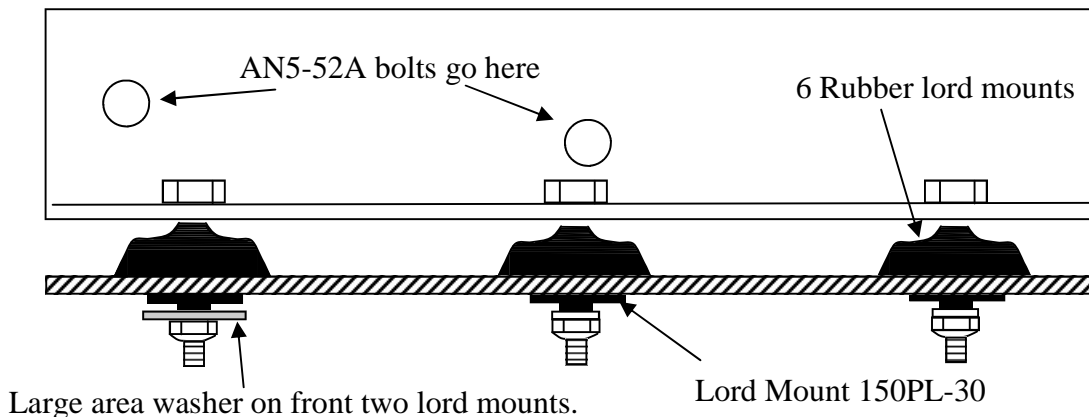
7. Drill remaining 1/4" holes through lord mount bushings with 1/4" drill bit. Be sure to install large area washers on the front 4 lord mounts

## Motor mount angles viewed from left side - Rotax 503 configuration

Step # 2



## Motor mount angles viewed from left side - Rotax 447 configuration



Attach the rubber Lord mounts to the engine mounting plate as shown on page 46. The Lord mounts are installed on TOP of the plate with the higher pointed end facing UP. The 5/32" holes will have to be drilled in the plate. Install the 8 (6 for Rotax 447) with the 32 x AN525-832R10 bolts and nuts provided.

Install the motor mount plate assembly on the engine with the Lord mounts on the top side. Secure with metric nuts and lock washers provided with engine (should be in the box with the carburetors). Be sure to use RED loc-tite on these nuts and **torque to 28ft lbs.**

Install the motor mount angles to the top side of the Lord mount as shown above .

Install engine to fuselage root tube using 5/16" (AN5-52A) bolts, washers and Nyloc nuts. Do not over tighten nuts ! The 2" Square root tube should not be compressed more than 1/16"

# Rotax Engine Motor mount detail

Step # 3

Top View

