

Assembly instructions for 4x18mm motor can assembly.

- Due to the high thrust motors that can be flown in this kit, it is strongly recommended that epoxy be used throughout the entire construction
 - Before beginning construction, read over assembly instructions to become familiar with the proper construction sequence.
 - TEST FIT PARTS BEFORE BONDING TOGETHER WITH EPOXY!! It may be necessary to lightly sand some parts to obtain a proper fit.
 - Using fine sandpaper, sand the outside of the motor mount tube, for better epoxy adhesion.
1. After preparing the parts for assembly, mark the 4 18mm motor tube 1/8 of an inch from both ends, the centering rings line up on the INSIDE of these marks. (Or adjust the AFT ring placement for use with your preferred motor retention)
 2. Once you have the centering rings aligned and all 4 motor tubes are flush, it is helpful to wrap all 4 tubes with masking tape to hold their position.
 3. The centering ring with the hole, will be the forward centering ring for the motor mount.
 4. When satisfied with the alignment, epoxy both center rings in place and allow epoxy to cure.
 5. After the centering rings have cured, apply fillets to both sides of the centering rings.
 6. Place small amount of epoxy on the eyebolt provided and thread this into the hole in the forward centering ring, allow epoxy to cure.
 7. After the eyebolt has cured place a small amount of epoxy on the bottom threads to prevent the eyebolt from coming loose.
 8. Tie one end of the provided Kevlar shock cord to the eyebolt and use a drop of CA glue to secure the knot.
 9. Once the completed motor mount assembly has cured, test fit the assembly into the provided coupler tube and sand if necessary.
 10. Apply a bead of epoxy inside the coupler, just before where the FORWARD centering ring will rest, partially slide the motor mount assembly into place, the apply a bead of epoxy just before where the AFT centering ring will rest. Install the motor mount assembly into the coupler tube, ensuring the AFT end of the motor mount tube and the coupler tube are flush.
 11. When the epoxy has cured, apply fillets to both ends where the centering rings meet the coupler.
 12. Take the complete Motor Can Assembly and insert it into the AFT end of the main airframe. Ensure the coupler is flush with the airframe tubing. Rotate motor can so the rivet will not interfere or hit a motor tube! Mark the holes for the plastic rivets on the Motor Can tube. Remove the Motor Can Assembly and carefully cut the holes with an Exacto knife. This can also be done by using a 13/64 drill bit. Reinsert to check fit and alignment.

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MODULAR MOTOR CAN

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FOR 2.6" MMC KITS

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