

# ADDENDUM TO INSTRUCTIONS FOR MENTOR-G V2 ARF GAS ENGINE POWERED R/C TRAINER

## 1. Carburetor's throttle linkage:

a) The photo in the Mentor-G's Instruction Manual at the bottom of page 7 (shown at the right as "Option #1") is only for pilots who are installing a well broken-in, out-of-warranty gas-engine and who possess all the skills necessary to modify the position of their engine's carburetor. (Note: Disassembly or alteration of any engine by the customer will void the engine's warranty.)



b) If you use your Mentor-G with a new gas engine, we recommend you DO NOT disassemble or modify your engine. Instead, install an optional EZ Link Connector to the engine's throttle-arm as shown at the right as "Option #2. Option #2 does not risk voiding your engine's warranty and provides easy access for any required needle adjustments.



c) In most packages the pushrod supplied for the throttle linkage is taped to the aluminum wing rod.

d) You will find a new servo tray in the mid-section of fuselage for mounting the throttle servo.

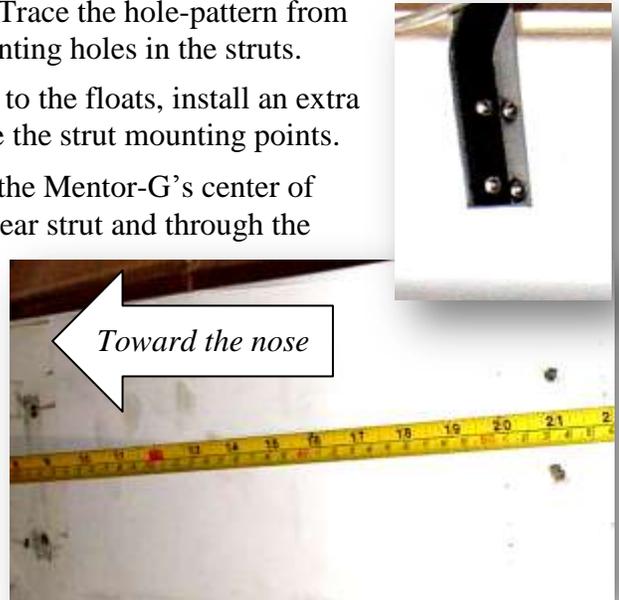
e) No EZ Link Connectors are included with the Mentor-G.

If you use EZ Link Connectors, you will find it quick and easy to adjust the EZ Link Connector onto its pushrod; then cut and remove the excess pushrod wire.

If you do not use EZ Link Connectors, use pliers to make Z-bends in the pushrod where each end needs to connect to the carburetor or servo.

2. The control horns and linkages currently included with this ARF give the ailerons, rudder and elevator a wider range of control-throw adjustment. We recommend beginner and intermediate pilots start with the pushrods connected to the outer-most holes and use the control throws listed in the Instructions on page 9. Pilots who are more comfortable with advanced aerobatics may obtain more aggressive control-responses by connecting the pushrods to the control horn's inner holes.
3. You may use a piece of 6-inch long plywood to: a) Hold the fuel tank in position; or, b) If you remove the landing gear and install floats, use plywood to reinforce the bottom of the fuselage; or, c) If you convert the landing gear from tail-dragger to tricycle configuration, use plywood to reinforce the bottom of the fuselage and use the 'spare' opening in the servo tray in the mid-section of the fuselage for your nose-wheel steering servo.
4. Drill or ream the hole in the tail wheel to fit the heavy-gauge tail wheel strut; only one(1) wheel collar is used on the tail wheel strut (to secure the tail wheel).
5. There are no mounting flanges on current-production CDI modules; we recommend you wrap the CDI module in foam rubber and position it in the nose, along with your ignition and radio batteries.

6. If you are assembling your Mentor-G V2 with optional FLOATS, see our Mentor-G on floats YouTube video at – <http://www.youtube.com/watch?v=PgHPmFH4FOc&lr=1&feature=mhum>. We provide the following tips to help clarify the instructions packaged with the floats ...
- The steel struts provide strength and durability. Trace the hole-pattern from the ends of the aluminum spreaders to drill mounting holes in the struts.
  - After you have attached the spreaders and struts to the floats, install an extra layer of plywood inside the fuselage to reinforce the strut mounting points.
  - Position the floats' STEP approx. 1-inch behind the Mentor-G's center of gravity. Drill two holes through each front and rear strut and through the fuselage at approx. 8 1/4 and 21 inches behind the front edge of the fuselage.
  - Securely attach the struts to the bottom of the fuselage with mounting bolts and blind nuts.
  - Use an EZ Link Connector to attach one end of the rudder's control cable to a spare hole in the control arm of your Mentor-G V2's rudder servo.
  - Guide the cable in its housing forward from the rudder servo along the fuselage, then smoothly bend the cable/housing to the aft-end of the right-side float, then use 2-piece plastic clamps and a nylon wire-tie to secure the cable's position.



If you have a question or problem, please call us at (562) 529-3988 during our office hours, Monday through Friday, 9 AM to 5 PM Pacific time.

Happy Landings!