

Chain DragGONE Offset Throttle Mount (OTM) Mounting Instructions

1. Remove clip from the existing throttle arm
2. Remove the brass assembly from the L bracket on the top of the engine (you will reuse this assembly).
3. Remove the L bracket from the head; if you use a carb support bracket remove the bolt that is closest to the rear of the head. This is the bolt hole that will support the OTM bracket.
4. Install the OTM swing arm support bracket with the ¼ x 18 x 1 inch bolt provided. Leave this bolt loose.
5. Install swing bolt through the swing bracket with the threads facing the right side of kart.
6. Install the throttle cable clevis through the swing bracket; notice the arrow that is on the swing cable support. It will be facing the front of the kart, now install the brass that supports the throttle cable in the cable support so that it enters from the front of the engine.
7. Tighten the brass so that is supported by the swing bracket. Do not tighten at this time as this adjustment can be used to finalize the engine rpm requirements later.
8. If the clevis will not pass through the swing arm assembly remove it from the cable and reinstall it during the final set up.
9. Install the clevis on the throttle cable, install the clip on the throttle shaft lever and look at your carb to OTM alignment. Tighten the OTM mounting bolt so that the throttle cable is in perfect alignment with the throttle arm. Push down on gas pedal and watch the cable swing arm pivot. Tighten the pivot bolt so the cable is in line and so it doesn't pull up or sideways.
10. Tighten both of the bolts, each of the bolts are drilled for safety wire.
11. Make sure throttle is working at wide open throttle and that there are no physical interruptions between the throttle cable (excessive cable) at the clevis and air filter.

