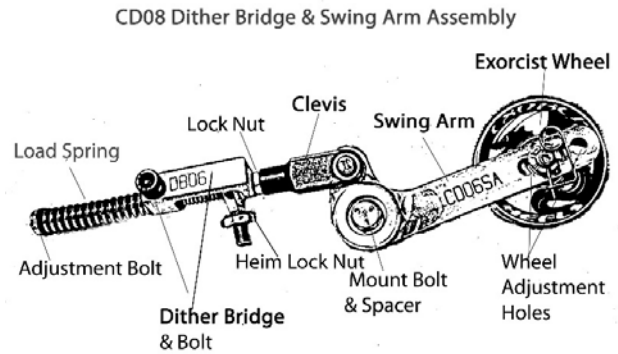
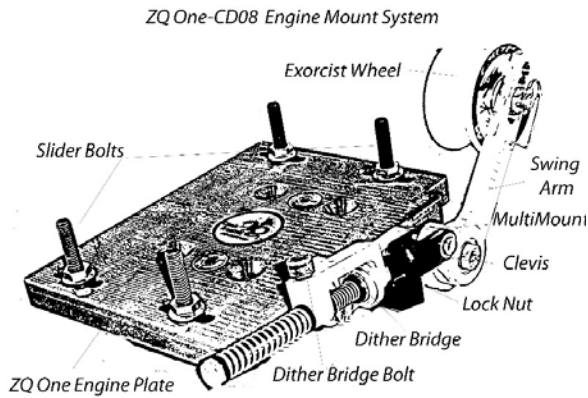


# ZQ One-CD07 Set up and Adjustment Sheet



1. After mounting the ZQ One frame and engine mount on the chassis, install the engine on the mounting plate and install 4 - 5/16 flange nuts until finger tight.
2. The engine can now slide from left to right to align the ChainDragGONE Exorcist Wheel with the clutch and rear sprocket.
3. With the engine in place and the MultiMount (M/M07) system installed you need a 3/8 Allen wrench to lock and release the Dither Bridge for Swing Arm adjustment. Notice the Swing Arm is connected to the black Clevis and has a 1/4" jam Lock Nut. It is recommended that after any adjustments the Lock Nut is always checked and tight. This is also a good time to back out the Through Bolt that has the Load Spring and Dither Bridge attached so that about 1/4" of threads are showing in front of the Dither Bridge (back of the Clevis Jam Nut). The adjustment also allows for the Swing Arm to swing farther down so gear changes can be accomplished with out moving the entire engine on the frame. Push the Swing Arm down so that the Exorcist Wheel is at the lowest point of it's swing and lock the 3/8 Allen bolt in the Dither Bridge.
4. Now is the time to install the chain and check the length. Very few karts will be able to use the chain length from the previous set up; you may need to add a few links. The Exorcist Wheel is designed for 35 or 219 chains. A simple example for this set up is to know what your starting gear ratio is at your local track when the track is wet or for first round hot laps. This set up will give you the starting point for the chain length because the rear sprocket will be larger, for example 4.00 versus a 3.78 gear ratio for the main. This is the set point at which multiple links should be added. At this time notice what Adjustment Hole the Exorcist Wheel is in; the Wheel can be moved forward or back to adjust the location of the Exorcist Wheel. This allows for the differences during sprocket changes. A simple rule: The bigger the rear sprocket the farther forward the Wheel on the Swing Arm, as the gear ratio drops the Swing Arm will move up accordingly. If you have a 16/72 sprocket the combination ratio will be 4.50. You can then drop 2 teeth to a 16/70 = 4.75 ratio. After dropping the 2 teeth the Swing Arm and Exorcist Wheel will move one hole back towards the rear sprocket.