

# BKEMK1 Engine Bolt Kit

## Engine Installation



**Engine** 1 Piece Assembled \*BOLT KIT = Engine Fitting Kit (Contains: 4x Loop end M8 Bolts, 4x Nylon Spacer Washers, 4 Spacer Reinforcement Rings, 4x M8x50 Hex Head bolts, 8x M8 Nylocs, 8x M8 Washers, 4x Large Diameter M8 Washers, 1x M8 Throttle Cable mount, 1x Throttle cable terminating clamp).

- a. Fit the fit kit first by inserting the loop end M8 Bolts through the four holes from the inside of the bracket to the outside.
- b. Fit the standard M8 Washers and M8 Nylocs to the ends of the loop end M8 bolts a couple of turns so they do not fall out.
- c. Then fit the M8x50 Hex Head bolts each with one large diameter M8 washer then push through the loop end bolts from the bottom up and then through the engine mount plate.
- d. Fit another large diameter M8 washer, a Nylon Spacer Washer, a Spacer Reinforcement Ring, and fit the M8 standard washers and nylocs a couple of turns to stop them from falling out.
- e. Use some masking tape under the bolts to stop them from falling out when you fit the engine.
- f. To fit the engine, remove the nylocs and washers you just fitted to stop the M8x50 Hex Head bolts from falling out, place the engine over the mount and push the M8x50 Hex Head bolts through the engine base plate.
- g. Fit the M8 standard washers and nylocs again but leave loose.
- h. Fit the chain to the clutch and adjust the rear sprocket location to ensure the chain is perfectly straight.
- i. Tighten the M8 Nylocs at the ends of the Loop end M8 bolts to adjust the position of the engine for chain tension.

- j. When positioned correctly, tighten the nylocs on the M8x50 Hex Head bolts to fix the engine in position.
- k. Tighten the nylocs on the M8 Loop End bolts to ensure the engine is properly mounted. Run the throttle cable along the frame and through the small loop near the front seat mount bracket.
- l. Fit the M8 throttle cable mount to the vertical bracket next to the front sidepod bar mount on the right of the kart by removing the adjustment nut, screwing into the bracket from the rear of the kart through to the front, then fitting the adjustment nut and tighten.
- m. Push the throttle cable through the M8 throttle cable mount until the sheath butts up against it.
- n. Fit a terminating clamp to the cable then run the cable through the loop on top of the accelerator pedal.
- o. Run the cable back on itself and back through the terminating clamp. Tighten the clamp.