

Here's how I increased the braking power on the alloy wheels with the built in brake hub/drum sold by Destiny & others. Cut the steel brake arm in the middle & lengthen it 1.25 in. Use a hacksaw & cut the mounting lug for the brake cable off of the backing plate . Make a new lug to hold the brake cable extending it 1.25 in. further out. Have the brake arm in place at this time, it'll make it easier to align the new cable lug in which you have already drilled a hole for the brake cable. Clean the paint off of the backing plate, weld the lug in place. You're home free. You might ask, why not make the arm 2 in. or more longer. The longer you make the arm, the further it must travel to apply the brake. You probably won't have space to make your foot pedal travel that far. You can make your backing plates into a left & right pair by turning the extended arm over & welding the new lug 180 degrees from where it was originally. I hate breakdowns that are so easy to prevent, that's why I use brake cables for go-karts, not bicycles, they are a slightly larger diameter & are available as bulk material from various go-kart stores on the internet Stan