

Metal Malarkey Engineering

Unit 6
Love Lane Ind. Est.
Bishops Castle
Shropshire
SY9 5DW



Metal Malarkey Disabled Adaption.

It's quite apparent that on the whole we are living longer and a lot of us want to continue having fun with the wind in our face into our old age. At Metal Malarkey we are finding a growing sector of our customer base falls into this category.

Living in the Shropshire Hills, close to the Welsh border are Alan and June holder. Alan, the proud owner of a Goldwing trike regularly goes for rides with his nephew Anthony, on his Yamaha and their pal Keith on his Enfield. June however felt left out. A feisty sort originally from Bolton said, "I want some of this, I'm gonna get myself a trike and see Malcolm about adapting it to suit my needs."

The trike presented to us was a Trike Shop built '99 Yamaha R6. Our task was to get it to suit a Grandma in the latter years of life, with arthritic hands and unsteady legs. We drew up a task list and fitted, adapted and fabricated the following to suit.

Restrictor kit. The 33bhp and torque characteristics lower in the rev scale proved very suitable.

Slower action throttle. Easier control.

Gear indicator unit. " "

Klictronic unit. Tried and tested press button gear change.

Linked breaks operated by rear brake lever. The lever arm was replaced by a longer more substantial one and re – bushed four strength. Rear brakes linked to one of the front disks only.

Foot clutch. The now redundant gear lever was similarly strengthened as the gear lever together with the mounting bracketry, standard cable was utilised.

Footboards. Seconds from Custom Cruisers. Positioned to suit Junes legs. And bracketry made suitably strong for use as a step.

Reverse mechanism. The most challenging of the adaption was fitting this Eurotech item in the confined space available. A pivot mechanism was

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designed and fabricated, and a stainless lever with a press button in the end moves the motor drive chain- wheel to engage with the rear axle sprocket. Stainless rear rack. Made to carry the leather tote bag. Mounted onto this are toggle clamps for securing June's crutches.

A couple of years on and June's eyesight has deteriorated. Alan often takes the trike for a zip around and in many ways prefers it to the Goldwing. It is now for sale.

Contact Malcolm at Malarkey Engineering. Mal@malarkeyengineering.co.uk

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