

## 078085 Moto Guzzi V85TT Hugger Fitting Instructions

## Kit Includes:

1X	C078085	Moulding
1X	CFK078085	Brackets (pair)
2X	CBOLM60008	M6 X 16mm Bolts
4X	CBOLM50009	M5 X 20 <sub>mm</sub> Bolts
<b>2</b> X	CBOLM80014	M8 X 50 <sub>mm</sub> Cap Head Bolts
2X	CWASM80003	M8 Spring Steel Washers
2X	CNUTM50002	M5 Nyloc Nuts
2X	CWASM50001	M5 Washer
2X	CWASM50002	M5 Stainless Steel Washers
2X	CGROM60001	Rubber Grommets
2X	CSPAM60004	Steel Collars
2X	CSPAM80005	Spacers
2X	CSPAM50004	Shouldered Spacers

Fitting this Hugger requires a good degree of 'hands-on' mechanical experience. In particular, installation of the right hand Hugger mounting bracket requires the removal of two Torx headed bolts in the swinging arm.

- A high quality T40 Torx key (Fig 1) is required to remove these two bolts. The casing around the bolts must be heated for five minutes with a hot air gun to soften and release the thread lock applied on the production line (Fig 2).
- The rear wheel needs to be removed. Have the bike on its centre stand, or use a suitable paddock stand. Simply remove the axle nut and brake caliper stablizing bolt (Fig 3). Now remove the axle. Wrap the caliper assembly with cloth and suspend it by some means on the left side foot peg to avoid straining the brake hose and ABS cable.
- Take the wheel out. The left hand bracket sits on top of the brake hose retainer with the longer leg towards the rear of the bike (Fig 4). Stand-off clearance is achieved with shouldered spacers that are installed between the plastic moulding and the bracket - Longer M5 bolts are provided. Fully tighten this assembly.
- Now heat the area around the two drive shaft bolts with a heat gun for at least five minutes (Fig 2). Keep the gun moving and a minimum of four inches from the casting. With the T40 Torx key CAREFULLY remove the two bolts. Strain the bolt back and forth until it releases and can be extracted. Now install the right side bracket with the two M8 x 50mm cap head allen bolts, spring steel washers and stand-off spacers provided. Thread lock should be applied to these bolts on assembly. Fig 5 gives an overview of both brackets in situe on the bike.
- The Hugger can now be assembled onto the brackets. The rubber grommets and steel collars should be installed in the Hugger on the right-hand side, then the M6 x 16mm bolts.
- The left side of the Hugger is attached with two M5 x 20mm bolts and nyloc nuts. Plastic and steel washers are provided.
- Install these four mounting points loosely and finally tighten whilst checking that the Hugger is aligned centrally over the tyre once the wheel has been re-installed. Check fixings periodically.



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