

2019 Ducati Panigale V4 fitted with Ducati folding mirrors

2019 Panigale V4 with Ducati Factory standard fitment rigid mount mirrors.



Then: Same 'V4 fitted with Ducati folding mirrors.

This illustrates how a V4 owner has created a carefully engineered pair of adapters for fitting the far more convenient Ducati folding mirrors (*which his prior 2012 1199 Panigale ABS had as standard Ducati parts*) and his created adapters have enabled his V4 Panigale to take, without any engineered changes to the standard V4, a new pair of 2012 Panigale 1199 folding mirrors, replacing the notoriously prone and fragile Ducati V4 Panigale rigid mirrors. All without intrusive bar-end mirrors or the inevitably loosely fairing mounted alternative aftermarket options.

The carefully developed adapters were first laboriously modelled in resin to position and angle mirrors just where standard Ducati rear view mirrors looked. After this the modelled part was 3D scanned and the resulting CAD drawing refined before it was utilised for CNC machining high strength aluminium as a mirrored pair of precisely engineered adapters, here shown fitted. These utilise all original Ducati mirrors bolting points untouched and indirect mount through those Ducati mounting points a pair of standard Ducati folding 1199 Panigale mirrors: thereby the adapters enable mixing of different Panigale standard models rigid and folding Ducati made mirrors.

The pair of adapters has been CNC machined from aircraft industry grade AL7075 aluminium (*of similar strength to steel*), it fits solely to Ducati factory formed mount holes, effecting a direct parts swap, anchoring the adapters to V4 front chassis standard mirror mount holes, and bolting

the folding mirrors through standard Ducati mirror arms mount holes. All bolts here used being high tensile cap head M5, being the bolt size per original Ducati standard mirror mounting bolts.

All that said, while the parts have been Copyrighted they were primarily for the originating owner so have not been put through UK Government VCA (vehicles certification agency) proving tests and accreditation, so are without any guarantee or conveyed liability for defect or failure, but as explained these are interfaced by the pair of adapters machined from a billet of AL7075 aircraft industry grade aluminium, using Ducati standard mounting points to retain the standard folding Ducati plastic formed mirrors.



Contact: mail@paultompson.com

Ducati 2019 Panigale V4 with original standard fixed/rigid rear view mirrors, as Factory-fitted new.



Ducati 2019 Panigale V4 after converted to folding rear view mirrors per Ducati 2012 1199 Panigale.



Ducati 2019 Panigale V4 fitted with prototype interfacing mounts to allow fitment direct to V4 fixed/rigid mirrors mount Factory-fit bolting holes in chassis. This conversion is using new 2012 1199 Panigale folding mirrors, which with this special interfacing part position mirrors and give rear view as with Factory build new V4 rear view extent.

Finished colouring of interfaces has not yet been decided, but with V4 extent of aluminium apparent as standard the present prototyping raw aluminium looks neater than would likely be if base bike adjacent colours, of black or gold or red.

Interface mount parts are machined from Aircraft Industry grade AL7075 aluminium, considered at least as strong as steel.



More views:

The special machined interface parts retaining bolt holes are presently more apparent as with our having prior thought the part might be best black, to blend with mirror arm, the bolts here shown are chemically blackened so tend to be emphasised.



More views:

The mirrors fold cleanly as the machined ali' adapters hold the mirrors solidly to the main chassis. The folding is therefore as effective as Ducati folding mirrors allow, they swivel when knocked or readily so when purposely handled inward for convenience of storing in a garage or carrying in van.

