

RGM MOTORS 050007 COVENANT FORK DAMPER IMPROVEMENT KIT

The kit consists of two precision turned alloy sleeves and two alloy blanking plugs. Fitting is simple and straight forward the only tools needed other than those usually used to dismantle the forks being a 6mm twist drill.

The basic idea is as follows, the alloy sleeve fits in the fork slider below the top bush, it should not be free to float in the slider and if necessary a drop of loctite should be used to hold it in place. When the fork stanchion is at the position of maximum extension the oil bleed holes are covered by the sleeve this effects a type of hydraulic cushion and prevents the "topping out" over rough ground which these forks are prone to. Also it controls the front end better under racing condition when patter can sometimes upset the stability.

Careful examination of the blanking dowel reveals a chamfer on one end, this is to assist in the driving home of the dowel into the oil bleed hole in the bottom of the damper body. Once through, the dowel ends should be lightly peened to hold the dowel in place. Having blocked this hole it is then re-drilled 3/4" (19mm) further up the damper body using a 6mm drill. The basic effect here is that on the maximum compression the stanchion covers the new hole and effects a hydraulic cushion before the forks bottom out.

Our extended fork top bush 067521M and alloy damper body (available in 3 lengths) incorporate the covenant improvements as standard.

TO FIT

Dismantle front forks completely.

Drive blanking dowel into damper body oil way (chamfered end first).

Drill a 6mm hole 3/4" (19mm) higher up the body.

Place sleeve onto the fork stanchion above bottom bush.

Clean and re-assemble, should sleeve be loose in the slider loctite in place at the top of the slider.

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