

Fuel Tank Questions.txt

jerry hillman

Joined: 26 Jun 2004

Posts: 16

Location: Brentford, West London

Posted: Mon Jan 22, 2007 10:51 pm Post subject: Project Flying Mongrel - fuel tank questions

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Greetings exalted ones!

I am pleased to announce that restoration of the Flying Mongrel has finally commenced, with a target date of the 2009 Manx GP. Various bits are off to various far-flung corners of Empire, but I need to know a couple of things about my fuel tank, which is of the twin-cap scolloped-sided variety.

Someone at some point has cut down the length of the rod at the rear of the tank, making it too short for my frame. Are the front and rear fuel tank rods one single rod of metal going through the tank, and if so does it serve any structural function?

Second question - are the tank panels welded or soldered together? Has anyone else had this problem and if so have they had any success welding an extra section on the rear without the tank falling apart?

Questions, questions...

Kind regards to all,

Jerry

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dave bushell

Joined: 09 Jun 2004

Posts: 118

Location: Caterham, Surrey

Posted: Tue Jan 23, 2007 12:27 am Post subject: project flying mongrel - fuel tank questions

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Hi Jerry.

The mounting rod goes the whole length of the tank and should be regarded as structural. The tank is soldered, so be very careful if you try to extend the rear mounting. I need to do the same to one of my tanks, but at the front. As yet I haven't plucked up courage to tackle it. I may try for a purely mechanical solution.

Dave

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Steve Bowles

Joined: 10 Jul 2004

Posts: 13

Location: Portsmouth Hampshire

Posted: Tue Jan 23, 2007 2:51 pm Post subject:

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Hello Jerry,  
8)

If it helps I have a spare one in primer which I believe to be sound - ring me on 02392 619369 if you are interested....Steve

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jerry hillman

Joined: 26 Jun 2004

Posts: 16

Location: Brentford, West London

Posted: Thu Jan 25, 2007 12:11 am Post subject:

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Dave/Steve,

Thanks for your kind suggestions/offers. I am going to take the tank down to a local classic bike nut who runs a welding shop here in Brentford. He may be able to help, as I've found out only today about some sort of plasticine-like material which soaks up the heat from a weld and stops it transferring to the rest of the metal. If it works I'll let you know Dave - if it doesn't I'll be giving you a ring Steve...!

Kind regards,

Jerry

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jerry hillman

Joined: 26 Jun 2004

Posts: 16

Location: Brentford, West London

Posted: Mon Feb 05, 2007 10:01 pm Post subject:

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Further to my last, my welder friend reckons it can possibly be done - but when it came to measuring up something occurred to me.

The distance between the front and rear tank bolt holes is exactly 25". The tank itself is 20", and the distance between the front of the tank and the mounting bolt hole on the rod is 1". This means that there is (would be when welded) a 4" gap between the rear of the tank and the rear mounting bolt hole on the frame.

Is this normal? Have I got the wrong size/length of tank or do 'they all do that sir'?

All pontification gratefully received...

Regards, Jerry

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chris wastell

Fuel Tank Questions.txt

Joined: 31 May 2004

Posts: 43

Location: Wiltshire

Posted: Wed Feb 07, 2007 2:52 pm Post subject:

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hello Jerry. I am certainly no expert and don't know a lot about Scotts but there are definitely different legth tanks and frames. You must have the longer frame.

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Erik

Joined: 10 May 2005

Posts: 105

Location: Moerdijk, The Netherlands

Posted: Wed Feb 07, 2007 10:30 pm Post subject:

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Hello Jerry,

I did some measuring on my Scott (in parts as it is at the moment...)

Distance between the mounting holes 25"

Distance between tank front and front mounting hole 1"

Distance between tank rear and rear mounting hole 1,3"

So it appears that you have a rather short tank!

My frame is the short Flyer version.

Cheers,

Erik

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--- Read all about the Dutch Scott Run 2007 here! ---

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jerry hillman

Joined: 26 Jun 2004

Posts: 16

Location: Brentford, West London

Posted: Thu Feb 08, 2007 11:16 am Post subject:

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Dear all, many thanks for your wisdom.

Erik, when you say 25" between the mounting bolt holes, is that on your tank or on your frame?

No rebuilding today, we're playing in the snow here!!!

Jerry

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Erik

Joined: 10 May 2005

Posts: 105

Location: Moerdijk, The Netherlands

Posted: Thu Feb 08, 2007 11:38 am      Post subject:

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Well, as my tank fits the frame I would say BOTH!

Erik