

Fuel Air Deflector.txt

AARON PLANT

Joined: 14 May 2005
Posts: 10

Posted: Sun May 15, 2005 11:43 pm Post subject: fuel deflector

I have a 1929 super squirrell ,and on the fuel intake there is an aluminium deflector can anyone tell me if this is meant to be bent to one side or is meant to be straight?

Many Thanks
Aaron Plant

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Stan Thomas

Joined: 01 Jun 2004
Posts: 78
Location: Stafford

Posted: Mon May 16, 2005 7:49 am Post subject:

the "fuel deflector" is to overcome the bias which would otherwise allow a disproportionate airflow into each cylinder, given the inlet tract is curved.

I'm not sure if any actual dimensions or settings actually exist - but the principle is the the forward edge of the "deflector" is bent slightly to divert a slightly greater proportion of the mixture toward the smaller radius of the inlet stub.

The guy best to advise would be Glyn Chambers, but unfortunately he's not on the net. See if you can get an address from an old "Yowl", or ring me on 01785 713862 and I'll re-divert your call.

Stan Thomas.

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AARON PLANT

Joined: 14 May 2005
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Posted: Mon May 16, 2005 10:40 pm Post subject: fuel deflector

Hi Stan

Thanks for the quick responce, once i get the engine back together i will try it and see how it runs but maybe take you up on the offer of a call if i have problems.

Many thanks again.
Aaron