Subject: Material suitable for fuel/petrol/gasoline - i.e. carb manifold?
Posted by internetscooter on Sun, 16 Dec 2012 02:27:07 GMT
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Hi,

(Note: ignore other duplicates, answer this one - the system told me the posts failed to submit but obviously the had)

I need to make a carb manifold and I am wondering if Alumide or some other material would work. I am concerned about it not being tolerant to the petrol in the air/fuel mixture. I have initial choosen Alumide because the manifold sits on the cyclinder head and would need to withstand ~100C without too much trouble.

Cheers,

Paul

Subject: Re: Material suitable for fuel/petrol/gasoline - i.e. carb manifold?
Posted by internetscooter on Mon, 17 Dec 2012 00:08:59 GMT
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ok - I think I can answer my own question

Aliminide is based on Nylon - googling for "nylon chemical resistance chart" shows that it is unchanged by gasoline and oil.

www.newmantools.com/.../NYLON_chem_resistance_nt.pdf

Let me know if I am wrong.

Paul

Subject: Re: Material suitable for fuel/petrol/gasoline - i.e. carb manifold?
Posted by BillBedford on Mon, 17 Dec 2012 00:32:19 GMT
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But Aluminide, like WSF, is porous....

Subject: Re: Material suitable for fuel/petrol/gasoline - i.e. carb manifold?
Posted by internetscooter on Mon, 17 Dec 2012 00:45:19 GMT
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BillBedford wrote on Mon, 17 December 2012 00:32But Aluminide, like WSF, is porous....

thanks you just saved me a lot of wasted effort!

Paul