

Lagondaforum: M45 Frame

M45 Frame

Written by bruffsup at Oct 25, 2017 12:24 am

Well I am finally back at it ! Having fun! It is oh so easy to take things apart ! Now to decide what paint or powder for the frame. I am wondering if the small riveted plate on the inside of the right frame rail is a repair. Hard to know before sandblasting and not having seen any others. Another good reason to attend a few meets.

Attachments:

[IMG_4088.jpg](#) (filesize: 39.09 KB)

Re: M45 Frame

Written by alecrb at Oct 25, 2017 12:29 am

Steering gear bracket location? My 16/80 has one there. Y our frame looks really good!

Alec

Re: M45 Frame

Written by bruffsup at Oct 25, 2017 2:22 am

Hey Alec, The head of the local "Boots and Bonnets" English car club said the same thing about the frame. I am suddenly feeling encouraged . Yes I thought it might be reinforcement around the steering box but the position is a little further forward. So much of restoration is detective work ! 🔍

Re: M45 Frame

Written by DavidLG45 at Oct 25, 2017 10:53 am

LG45s have a riveted plate on the inside where the steering box bolts. . . .

Powder coating - you will end up with the unwanted thickness of the powder coating where the crossbars bolt on unless you mask those areas or sand it off after. You also run the risk of crap leaching out from behind where the shackle mountings are riveted on from the heat needed and spoiling the finish.

Re: M45 Frame

Written by DavidLG45 at Oct 25, 2017 2:34 pm

Further to my powder coating comments, I had a part powder coated a few years ago that had a riveted on piece. There was paint in the overlap which melted and ran out ruining the finish.

If you wanted to powder coat you would really need to remove the riveted on items so the shot blasting could clean behind. The shackle castings are a very tight fit in the front and rear of the chassis and you will not get them back in place if there is anything more than the thinnest of coating where they fit.

Personally I would remove the riveted on items, shot blast, then a thin primer put on after having done any repairs. I would then re-rivet the removed items and bolt the frame back together (making sure any brackets that were held by the main bolts were back on). Then paint the whole chassis as a unit. . . .

David

Re: M45 Frame

Written by bruffsup at Oct 26, 2017 12:06 am

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Thanks David for the valuable info . Much appreciated.Maybe I should powder coat just the front axle .

Any idea what was the original "sheen" on the frame , glossy ? satin? The body on my car was originally grey with red pinstripes on the bonnet louvres and I think the frame may have been the same grey as I see traces of that colour beneath the present black. Just curious as I am planning on BRG for the body. Barry

Re: M45 Frame

Written by DavidLG45 at Oct 26, 2017 10:24 am

Hi Barry,

I'm no expert and others may be more informed but but I would have though a satin finish. And black. Could the grey be a primer?

Can you see the chassis colour from a normal viewing position? If not why would it be anything other than black? Have you got the build sheet, does that say the chassis colour?

The engineers on this forum can better advise you but is it a good idea to put the axle in an oven?

David

Re: M45 Frame

Written by bruffsup at Oct 26, 2017 3:34 pm

chassis was same colour as the body. I think I have found a very good paint . I'll keep you posted.Thanks for the info Barry

Attachments:

[IMG_4096.jpg](#) (filesize: 35.09 KB)

Re: M45 Frame

Written by Bill LG45 at Oct 26, 2017 3:57 pm

Hi Barry

I am sure there is another thread on her about painting chassis.

If you are sand blasting the chassis I would get the same people to paint it immediately after blasting as it is surprising just how quick rust gets on a blasted surface! Suggest Zinc rich acid etch primer for a good key followed by a high quality fuel and heat resistant chassis enamel...why not ask the finishing shop you take the chassis to what they recommend? Don't personally like powder coating as it does not get in the corners well / is hard to remove.

There is a similar reinforcing plate on my LG45 for the steering Box but I suggest you speak to member N 4 who owns an M45 .

I am sure there is another thread on her about painting chassis

Best wishes

Bill

Re: M45 Frame

Written by bruffsup at Oct 27, 2017 1:33 am

Here is what I will be using .I chose a glossy black.

Attachments:

[IMG_4106.jpg](#) (filesize: 118.01 KB)