

Svensson Bolennarth

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Skickat: den 25 oktober 2013 16:56
Till: Svensson Bolennarth
Ämne: Réf : R55 group.
Bifogade filer: image001.jpg

Hello Svensson

Sorry for having missed the Paris meeting but I was too busy during this period.

Was the discussion on drawbar being integrated on the chassis fruitful? any relevant remarks on your proposal?

About our design:

Fifth wheel is used in our design not as a coupling device but as an interface between the load carrying body work and the tractor chassis with no rotation freedom, so it is not used as an articulation device.

This interface could have been screw or weld. We use this interface because it is convenient for dismounting the tractor for maintenance purpose.

The rear part of the tractor bodywork might be considered as a non standard drawbeam which corresponds to R55 class F.

We have just finished fatigue test with this assumption.

I do not understand which part is considered by Mr Westphaling (structure that you fix to the drawbar). Is it about the trailer drawbar or about the tractor bodywork non standard drawbeam?

Further investigations:

We now use the fatigue bench to calibrate force measurement with our coupling device. The idea is to make coupling force measurement on the road with central axle trailer.

and I will be pleased to make a presentation in a future R55 informal meeting on this test analysis. I am not sure it will be finished for the next Bologna meeting...

Thank you for your mail.

Sincerely yours,

Didier Turlier

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25/10/2013 09:54 cc

Objet

R55 group.

Dear Didier,

I missed you at our meeting in Paris. In particular there was one point where I think it would have been very good to have you at the meeting.

As we discussed different kinds of drawbars being integrated to the chassis or not, Mr Westphaeling brought up your design using a tractor with a fifth wheel as the base for your design.

Then he asked is the structure that you fix to the drawbar and also using a couple of other locks as part of the chassis or not. How should you treat the coupling that you fit on this that part.

I think that your presence at the next meeting (in Bologna 28th -29th of January) would be very valuable.

Hope you are well and that your business is prosperous.

Best Regards

Bolennarth Svensson, PhD

Business Engineer Coupling Equipment

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