

## Ram Air Rule Clarification Issue

Posted by Sterling Doc - 14 Nov 2013 21:33

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Guys,

Since the rule change discussions, I've had several emails questioning the routing of ram air, and what is OK, and what is not. Specifically, if, and where holes can be cut for routing the ram air. This came up about 9 months ago, here: [www.944spec.org/944SPEC/forum/race-car-b...old-air-intake-on-87](http://www.944spec.org/944SPEC/forum/race-car-b...old-air-intake-on-87).

It has been pointed out to me that the provisional allowance made then seems in conflict with one reading of this rule:

### *17.3 Body Structure*

***The chassis structure must remain intact and stock except as noted***

*17.3.1 Headlights and headlight motors may be removed. If the headlights are removed, the stock covers must be installed in the front body work in the stock location in a secure fashion.*

*Headlight cover gaps may not be filled in or taped over. **Headlight positions may not be used for ducting of air in any way.***

"Headlight positions" can be read in multiple ways, but in the end it's just not clear as is, and needs to be fixed.

The ram air rules proposals did not address the routing of ram air or cutting holes, just where it came from, or getting rid of it entirely (which were voted down).

As we did not clarify this in the rules debate, and it is a source of confusion and contention, it need to be dealt with, even at this late date.

So moving forward, we need to decide if cutting holes in the headlight buckets (or elsewhere) to allow for straighter/cleaner ducting of ram air should be allowed. We should also address cutting holes for ducting oil coolers, etc for clarity.

Ram air has become such a headache, that it may need to be done away with if we can't sort this out.

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### Re: Ram Air Rule Clarification Issue

Posted by Kurt R - 27 Nov 2013 17:06

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Question: If I route the intake hose somewhere other than the turn signal or fog light area, but it does not face forward, is that "ram air"? Would it be legal?

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### Re: Ram Air Rule Clarification Issue

Posted by Sterling Doc - 27 Nov 2013 19:15

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The rule reads that any ducting of external air to the intake system must come from the fog light or turn signal area. Keep it inside the engine bay, and you're OK.

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### Re: Ram Air Rule Clarification Issue

Posted by BritRacer - 27 Nov 2013 19:25

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Surely the stock intake in the wheel arch is also allowed!?

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### Re: Ram Air Rule Clarification Issue

Posted by Sterling Doc - 27 Nov 2013 19:29

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Of course! "Inside the body work" would have been more accurate than inside the engine bay.

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### Re: Ram Air Rule Clarification Issue

Posted by BritRacer - 27 Nov 2013 20:17

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Had me worried for a minute. Thanks.

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