

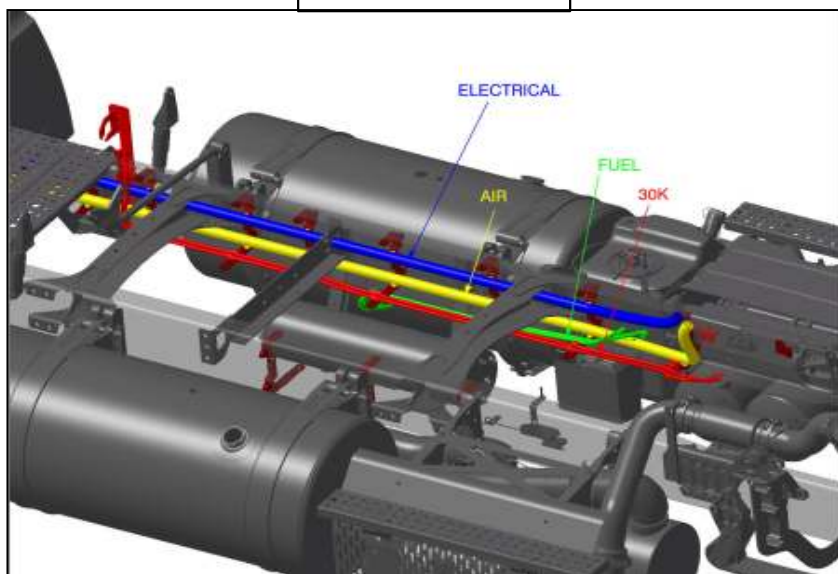


## The "Harness Highway": Improved routing & clipping for Cascadia Models

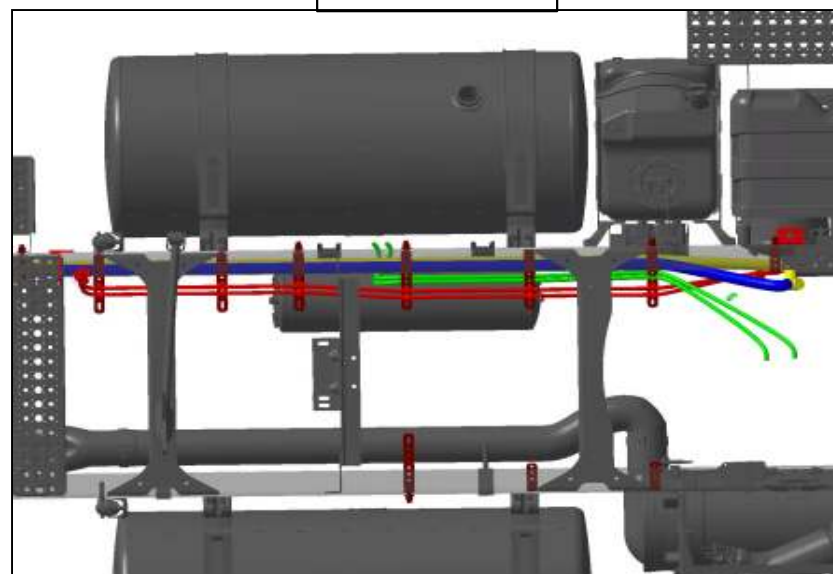
### New routing and clipping design now integrated into all Cascadia models

Freightliner Trucks is pleased to announce a major routing & clipping project has been completed for the Cascadia. This new routing and clipping design increases the routing quality and consistency of air lines, fuel lines and other harnessing that runs under and back of the cab. This dedicated pathway provides many benefits to the customer by reducing the likelihood of chaffing between items routed along the frame rail. This system of pre-determined brackets and routing will be installed on all Cascadia models starting in October of 2013. No option code is needed to select in SpecPro as it will come standard for all possible configurations\*.

Angle View



Top view



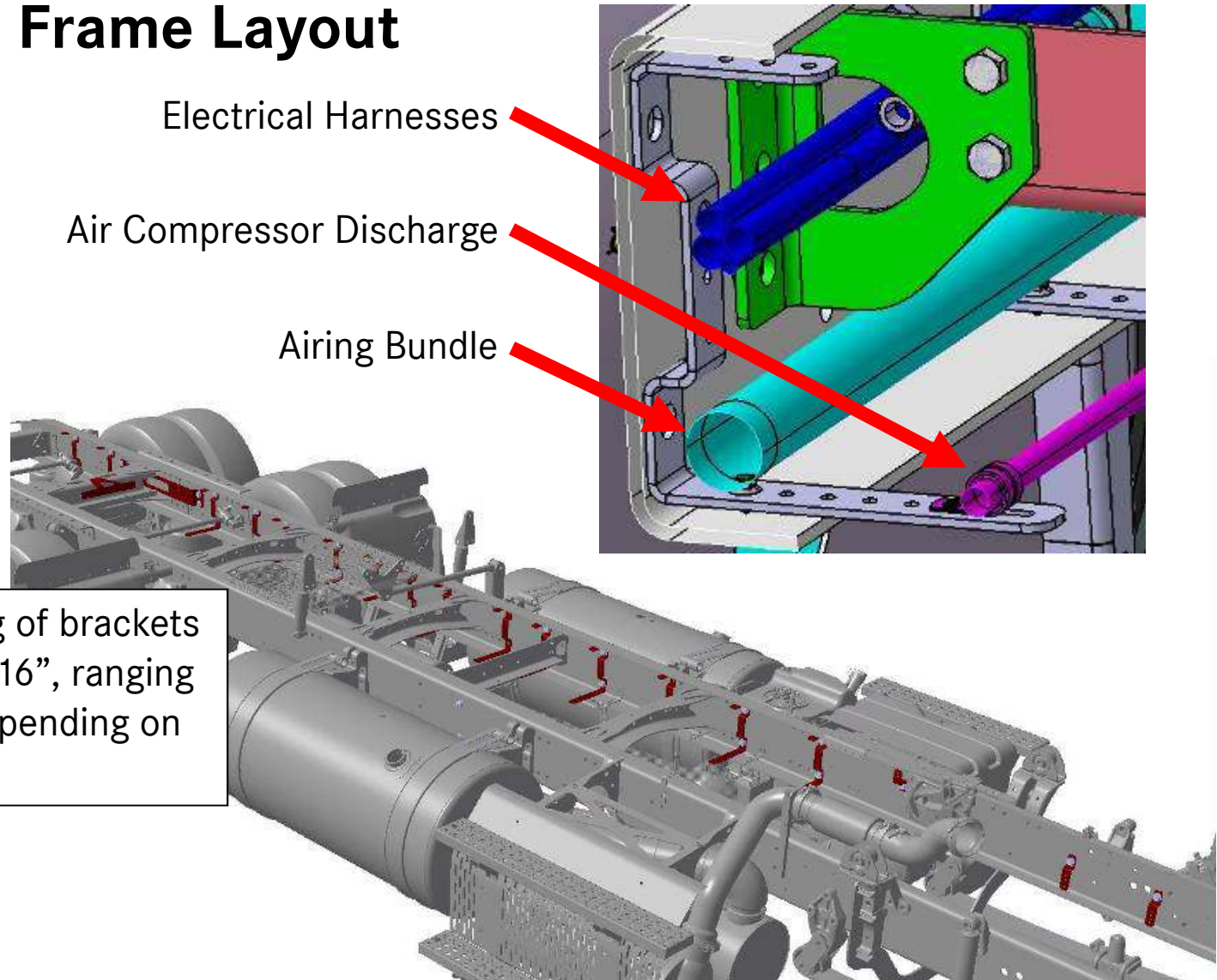
\*Not all chassis components have been incorporated but a majority of options are released



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## Typical LH Frame Layout



Nominal spacing of brackets along the rail is 16", ranging from 10"-18" depending on crossmembers



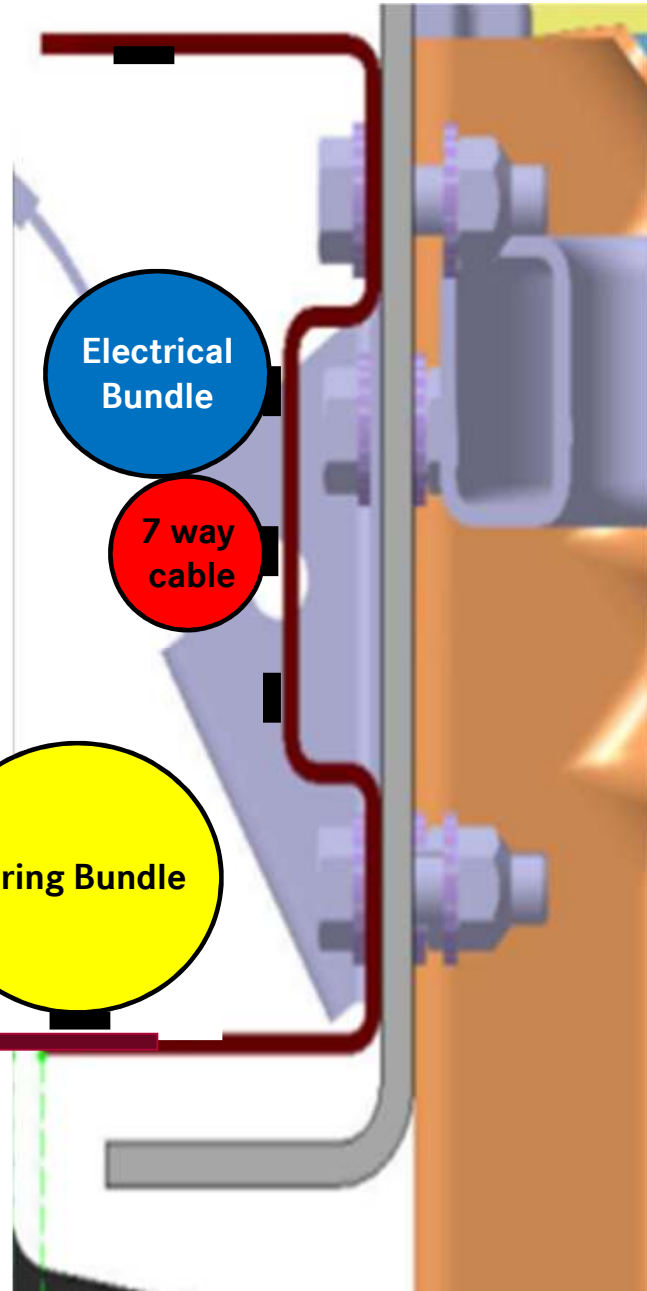
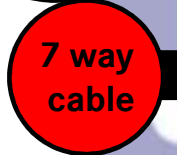
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### Improved routing & clipping for Cascadia Models

End view  
- LH Rail

Here is another example of how this design provides dedicated pathways for each component

291 - Battery cables  
21D - Fuel line routing





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## *The "Harness Highway": Improved routing & clipping for Cascadia Models*

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### FAQ

1. **Will this system cause weight to be added?** No, the weight savings of reduced harness lengths will offset the addition of the brackets
2. **Can I change a bracket out or hang additional items onto an existing bracket?** Most likely, but please consult service engineering before changing anything.
3. **What are the benefits?** Customers – Less downtime and easier to service. Drivers – Easily identify components during pre-trip inspections. Technicians – Easily identified components and access.
4. **What do I select in SpecPro?** Nothing, the data code will automatically be applied to your order upon receipt in Customer Application Engineering for any Cascadia building past 10/07/13\*. Reference 923-002: DEDICATED PATHWAY, ROUTING AND CLIPPING
5. **Will this be available for other models?** Yes, there are projects in the works to release this system into the Coronado, 122SD, M2-106, M2-112, 108SD & 114SD. An exact release date for each model has not been set yet.

\*Not all chassis components have been incorporated but a majority of options are released