

DTNA Solutions > Discussions and Feedback > Tech Talk  
> Air line Coding and location in manual



Robert\_Cadell\_J

MacGyver

04-27-2021 10:57 AM

## Air line Coding and location in manual

### Vehicle Information

VIN: 1FVAC5FT2MHMG0410

Model: M2 112 CONVENTIONAL CHASSIS

Model Year: 2021

Mileage: 24 miles

Make: FTL

Are you currently seeing this same issue on other DTNA vehicles at your location?: no

Base Model: M2112

### Vehicle Systems Involved

OTHER SYSTEM (Air System )

Wanted to share this and hope it helps, I forgot we had a heck of a time finding this awhile

### Air Line Coloring

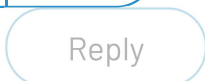
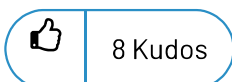
Air lines on Freightliner brand vehicles are color-coded as an assembly and maintenance aid. However, the most positive way to identify lines is to use PartsPro and EZ Wiring to pull up the brake plumbing schematic for that vehicle.

The table below, including other air line specifications, can be found in Cascadia WM 42.07.400 and the Western Star WM 42.10.400.


Air System Nylon Tube Color Code			
System	Color	Size	Where Used
Primary Air	Green	3/4 inch	Air tank to rear service supply ( <i>6x4 vehicles only</i> )
		5/8 inch	Primary air tank to foot valve
		1/2 inch	Air tank to rear service supply ( <i>4x2 vehicles only</i> )
		3/8 inch	Foot valve to rear service control Wet tank to primary air tank
Secondary Air	Red	5/8 inch	Secondary air tank to foot valve
		1/2 inch	Foot valve to front service brake
Tractor Protection	Green	1/2 inch	Foot valve primary delivery to tractor protection valve
	Black	5/8 inch	Tractor protection valve to service anchor coupling
		1/2 inch	Foot valve secondary delivery to tractor protection valve
	Orange	3/8 inch	Dash park valve to tractor protection valve Tractor protection valve to emergency anchor coupling
1/4 inch		Tractor protection valve to stop light switch	
Park Brake	Black	3/8 inch	Dash valve to park quick release valve Rear relay to park quick release valve
Air Supply	Black	1/2 inch	Air dryer to wet tank
		1/4 inch	Wet tank to air governor
	Silver	1/4 inch	Air governor to air dryer purge valve
	Yellow	3/8 inch	Pressure protection constant air
Non-Brake Applications	Blue	3/8 inch	Chassis air suspension
		1/4 inch	Air suspension dump control
	Brown	1/4 inch	Air suspension pressure gauge
	White	1/4 inch	Interaxle lock control
	Red	1/4 inch	Driver-controlled differential lock
	Green	1/4 inch	Sliding fifth-wheel control
	Yellow	1/4 inch	Fan air solenoid

back.

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 Scott\_Trippel  
Optimus Prime

04-27-2021 11:18 AM


Now that is handy

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 0 Kudos

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 Glenn\_Armbruste  
Knuckle Buster

04-27-2021 11:52 AM


Nice Thanks

Add tags

 0 Kudos

Reply



 Kyle\_Siebert  
Optimus Prime

04-28-2021 05:18 AM


Just found out about restricted drawing 49-00095. I think [@Eric\\_Bloom](#) is trying to get access to that. Tells what module each air line goes to and from.

Add tags

 0 Kudos

Reply





 Eric\_Bloom  
Piston Head

04-28-2021 07:26 AM



thanks doc that is not what i am looking for. see the attached pdf this is what i am looking for in a new version, and doc you need to go no further i all ready sent it to people that can get it put into the service manuals.

Add tags

 Preview file   
5640 KB

 0 Kudos

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