

## Kerbal Space Program - Feedback #19349

### Monopropellant ignore "no fuel crossfeed" of heatshields, more ingameinfo?

07/03/2018 11:14 AM - AlffromKerbal

<b>Status:</b>	Not a Bug		
<b>Severity:</b>	Unworthy		
<b>Assignee:</b>			
<b>Category:</b>	Parts		
<b>Target version:</b>			
<b>Version:</b>	1.4.4	<b>Language:</b>	English (US)
<b>Platform:</b>	Linux	<b>Mod Related:</b>	No
<b>Expansion:</b>	Core Game		

#### Description

I wondered for some time why i couldn't transfer fuel from 1 part to another on a space station, since it worked with monopropellant. Finally i found, that there was a heatshield in between as only difference but for monopropellant.

#### Replication:

Build a heatshield, attach a fueltank on both sides, attach a monopropellant tank on each fueltank (attaching some controldevice could be helpful) - no crossfeed should be possible, but is for monopropellant.

So, bug?

#### History

##### #2 - 07/06/2018 03:16 PM - diomedea

- Status changed from New to Not a Bug

Works by design. Of course while talking about the resource feed (to engines/devices using it); manual cross-feed between tanks of a same vessel is always possible. Indeed MP behaves differently from LF and Ox, but alike EC.

Let me report what one of the developers very gently explained: MP in its resource definition has "flowMode = STAGE\_PRIORITY\_FLOW" which allows for the resource to be pulled cross-vessel, though starting from the first stage (used to be = ALL\_VESSEL but had to be changed or MP would be pulled equally from all stages, depriving upper ones of the resource). LF and Ox instead have "flowMode = STACK\_PRIORITY\_SEARCH" which makes the resource not cross the heatshields (or other parts with the rule "fuelCrossFeed = False" in their config).

##### #3 - 07/07/2018 01:26 PM - AlffromKerbal

- Tracker changed from Bug to Feedback

- Subject changed from Does Monopropellant ignore "no fuel crossfeed" of heatshields? to Monopropellant ignore "no fuel crossfeed" of heatshields, more ingameinfo?

- Severity changed from Low to Unworthy

Thanks for that explanation. Maybe it would be helpful to put that information in some way into the game, maybe partrelated.

Since this is not a Bug, i change this to feedback. Maybe i did oversee/ignored relevant information ingame, if not, infos about this issue might be helpful ingame instead having other people need to find out what's wrong.

Do i make any sense (english is not my natural language)?

(For archive purposes, initial topic was "Does Monopropellant ignore "no fuel crossfeed" of heatshields? ")