Kerbal Space Program - Bug #26965

Incorrect fuel priority with TwinBoar and additional fuel tanks

01/04/2021 07:37 AM - Aikr

Status:	Confirmed	**Start date:**	01/04/2021
Severity:	Low	**% Done:**	10%
Assignee:	victorr		
Category:	Parts		
Target version:			
Version:	1.11.0	**Language:**	English (US)
Platform:	Windows	**Mod Related:**	No
Expansion:	Breaking Ground, Core Game, Making History		

Description

When additional fuel tanks added to TwinBoar engine (except this engine is root part), these tanks has incorrect fuel priority (usually engine priority +10).
If engines uses in symmetry for aspsragus staging, all additional tanks has equal priority (max engine priority +10); this leads to an incorrect order of emptying the tanks.

HOW TO REPLICATE:
1. Make central core of rocket (for example, Mk1-3 Command Pod, Rockomax Jumbo-64 Fuel tank and "Mainsail" engine).
2. Set 4x symmetry mode.
3. Add 4 any radial decouplers to central core.
4. Place TwinBoar engines on decouplers.
5. Add any fuel tanks on these engines.

Expected: the tanks fuel priority equal to the priority of the engines.
Result/Observed: priority of tanks is 10 more (see screenshot 1).

6. Set staging to asparagus (move two of decouplers to new stage).

Expected: additional tanks fuel priority is different.
Result/Observed: priority of all additional tanks is equal (see screenshot 2).

Game version:
1.11.0.3045 (Windows Player x64) en-us, Steam (but it also happens in 1.10)
1.11.0 Making History
1.6.0 Breaking Ground
No any mods

History

#1 - 01/05/2021 01:18 PM - VoidSquid

I can confirm this for KSP 1.10.1 too.

#2 - 01/05/2021 02:49 PM - victorr

- Status changed from New to Confirmed

- Assignee set to victorr

- % Done changed from 0 to 10

Files

screenshot1.png	2.2 MB	01/04/2021		Aikr
screenshot2.png	2.29 MB	01/04/2021		Aikr