

# Kerbal Space Program - Bug #27128

## Crash game inverted fuel tank after undo

01/23/2021 03:15 AM - ChristopherMR

<b>Status:</b>	Resolved	<b>Start date:</b>	01/23/2021
<b>Severity:</b>	Low	<b>% Done:</b>	100%
<b>Assignee:</b>	victorr		
<b>Category:</b>	Parts		
<b>Target version:</b>	1.12.0		
<b>Version:</b>	1.11.0	<b>Language:</b>	English (US)
<b>Platform:</b>	Windows	<b>Mod Related:</b>	No
<b>Expansion:</b>	Breaking Ground, Core Game		

### Description

Fresh install, unmodded, new sandbox game, version 1.11.0.3045 (WindowsPlayer x64) en-us / 1.6.0 Breaking Ground.

Game crashes instantly after the following occurs while within either the VAB or the SPH:

- New vehicle.
- Select Mk1 Command Pod to place it as origin component.
- Attach a TD-12 Decoupler to the bottom node of the pod.
- Attach a C7 Brand Adapter - 2.5m to 1.25m fuel tank in default orientation to the bottom node of the decoupler.
- Click on the placed fuel tank to "hold" it.
- Press Ctrl-Z to replace the fuel tank.
- Flip the held fuel tank upside down by tapping the W key twice.
- Place the held fuel tank on the bottom node of the replaced fuel tank.

This has also occurred with the Kerbodyne ADTP-2-3 fuel tank. I have not tried every fuel tank, nor every game mode besides sandbox. On the KSP Community forum I have replies from others stating that other parts are also creating this bug, and that the issue is probably related to a stack overflow.

### History

#### #1 - 02/09/2021 05:14 PM - victorr

- Assignee set to victorr

#### #3 - 02/17/2021 05:55 PM - just\_jim

- Status changed from New to Confirmed

- % Done changed from 0 to 10

I cannot repro the crash, but I do see the stack overflow, and that's good enough for me

[EXC 12:53:20.121] StackOverflowException: The requested operation caused a stack overflow.  
VesselDeltaV.ProcessDecouplePartInfoChildren (DeltaVPartInfo partInfoItem, VesselDeltaV+PartStageComparisonOperator comparisonOp, System.Int32 decoupleStage, System.Int32 activationStage, System.Boolean bypassFairings, System.Boolean bypassJettison, System.Boolean setToParentDecoupleStage) (at <e01dfdc653e4f51847a8867fca51c09>:0)

#### #5 - 06/24/2021 10:31 PM - victorr

- Status changed from Confirmed to Ready to Test

- Target version set to 1.12.0

- % Done changed from 10 to 80

We have made some changes in this last 1.12.0 release and would like some feedback on this issue. Thanks.

#### #6 - 07/02/2021 10:27 AM - Anth12

- File screenshot222.png added

- File screenshot30.png added

KSP 1.11.2 + BG + MH

KSP 1.12.1 + BG + MH

Retested in both versions

Resolved

**#7 - 08/06/2021 06:43 PM - Technicalfool**

- *Status changed from Ready to Test to Resolved*

- *% Done changed from 80 to 100*

**Files**

---

screenshot222.png	2.23 MB	07/02/2021	Anth12
screenshot30.png	2.14 MB	07/02/2021	Anth12