

Kerbal Space Program - Bug #3893

Rockomax Brand Decoupler explodes or clips upon staging if translated close to upper part

12/23/2014 06:00 PM - Xavven

Status:	Closed	Start date:	12/23/2014
Severity:	Low	% Done:	100%
Assignee:			
Category:	Parts		
Target version:			
Version:	0.90	Language:	English (US)
Platform:	Win32	Mod Related:	No
Expansion:			

Description

KSP Version: v0.90.0.705 Beta Windows 32-bit [OS Windows 8.1 64-bit]

What Happens: Rockomax Brand Decoupler clips upwards into the fuel tank, or in some cases explodes, when staged, if translated too far up.

Mods / Add-Ons: All Stock

Steps to Replicate:

- 1) Make craft that includes a large size fuel tank, an LV-909 engine, and a Rockomax Brand Decoupler.
- 2) Translate the decoupler upwards until it touches or *almost* touches the fuel tank above the engine but does not clip into it.
- 3) On the launchpad, stage the decoupler.

Result: Decoupler clips upwards into the fuel tank, or in some cases explodes.

In the VAB, the engine looks like it fits comfortably inside the decoupler, which hides the mismatched fairing since the LV-909 is a small engine and the decoupler is a large part. However, instead of a clean separation, I think the game is interpreting an extreme part clipping scenario and then behaves against the player's intuition.

Fixes/Workarounds:

In the VAB, translate the decoupler back down until symptom no longer occurs.

Other Notes/Pictures/Log Files:

- Images Link: `<iframe class="imgur-album" width="100%" height="550" frameborder="0" src="//imgur.com/a/HMppi/embed"></iframe>`

History

#1 - 12/23/2014 06:06 PM - Xavven

Sorry, here's a working link to the image album: <http://imgur.com/a/HMppi>

#2 - 07/27/2015 05:56 PM - Squelch

- Platform Win32 added

- Platform deleted (Windows)

#3 - 07/17/2016 09:31 AM - TriggerAu

- Status changed from New to Needs Clarification

#4 - 08/09/2016 11:30 AM - TriggerAu

- Status changed from Needs Clarification to Closed

- % Done changed from 0 to 100

Closing this report out for now. If you find it is still occurring in the latest version of KSP please open a new report (and this one can be linked to it.) For best results, the wiki contains really useful info for when creating a report <http://bugs.kerbalspaceprogram.com/projects/ksp/wiki>.

You can also ask questions about the bug cleanup in the forum here:

<http://forum.kerbalspaceprogram.com/index.php?/topic/143980-time-to-clean-up-the-bug-tracker/> and tag @TriggerAu to get my attention

Files

KSP.log	143 KB	12/23/2014	Xavven
Decoupler Translate Bug.craft	11.5 KB	12/23/2014	Xavven