

Kerbal Space Program - Feedback #20745

1.25m Parts - Inconsistent part widths (fuel tanks, Mk1-3 pod, nose cones, Mk-16XL chute etc.)

12/22/2018 11:35 AM - Poodmund

Status:	Confirmed		
Severity:	Low		
Assignee:			
Category:	Parts		
Target version:			
Version:	1.6.0	Language:	English (US)
Platform:	Linux, Windows	Mod Related:	No
Expansion:	Core Game		

Description

There seems to be large inconsistencies around the widths of parts at the 1.25m connection points.

- The newly 1.5.0 revamped fuel tanks and 1.6.0 adapters seem to be exactly 1.25m.
- The top of Mk1-3 Pod and Docking Ports seem to be smaller than 1.25m.
- The Mk1-3 Pod top attach node seems to be offset too high but Mk16-XL chute node point has been offset too low to account for this.

There are many inconsistencies which cause alignment issues when building crafts at this 1.25m, Size 1 part range. It would be more appropriate to ensure that all standardised diameters are adhered to when designing to parts to avoid these clear issues, most evident when placing the newly revamped 1.25m Aerodynamic Nose Cone onto the top of the Mk1-3 Command Pod.

History

#1 - 12/22/2018 07:00 PM - Nebbie

- File screenshot641.png added
- File screenshot642.png added
- File screenshot643.png added
- File screenshot644.png added
- File screenshot645.png added
- File screenshot646.png added
- Status changed from New to Confirmed
- Platform Linux added

To elaborate on this, it looks like the Mk1-3 pod, 1.25m docking port, and top-mount parachutes all belong to a class of parts with a slightly narrower idea of what a 1.25m attachment node looks like, and they are the odd ones out. I've attached several examples showing what parts match and don't match others.

#2 - 12/23/2018 11:56 AM - Alexoff

I created the same bugreport after addition new Mk-1-3 pod to the game but nothing happens

#3 - 12/23/2018 12:34 PM - Poodmund

Alexoff wrote:

I created the same bugreport after addition new Mk-1-3 pod to the game but nothing happens

People seem to care about this issue, anyhow: [Link](#)

#5 - 10/17/2019 03:37 AM - Anonymous

- File mk1.cfg added

Attached a module-manager patch to rescale some of the parts, described here:

<https://forum.kerbspacespaceprogram.com/index.php?topic/187556-patch-for-mk1-3-pod-to-fit-other-125-m-parts/&tab=comments#comment-3657384>

Files

Untitled-1.png	4.37 MB	12/22/2018	Poodmund
screenshot641.png	2.07 MB	12/22/2018	Nebbie
screenshot642.png	2.13 MB	12/22/2018	Nebbie
screenshot643.png	2.22 MB	12/22/2018	Nebbie
screenshot644.png	2.29 MB	12/22/2018	Nebbie
screenshot646.png	1.99 MB	12/22/2018	Nebbie
screenshot645.png	2.22 MB	12/22/2018	Nebbie
mk1.cfg	548 Bytes	10/17/2019	Anonymous