

Kerbal Space Program - Bug #18290

T-12 ~ T-50 Structural Tube does not allow surface attach

03/30/2018 05:42 AM - yku12

Status:	Updated	Start date:	03/30/2018
Severity:	Low	% Done:	10%
Assignee:			
Category:	Gameplay		
Target version:			
Version:	1.4.2	Language:	English (US)
Platform:	Windows	Mod Related:	No
Expansion:	Breaking Ground, Core Game, Making History		

Description

T-12 ~ T-50 Structural Tube is a perfect light weight solution for constructing space station's frame. However, they are not allowed to be radius mounted as fuel tanks do. They can only be mounted at their top and bottom nodes. I can't figure out why, since they are intended to be structural and the mounting restriction strongly limited their function.

There is a work around though. You can firstly make Structural Tube as a root and let the other part radius mount to it and then re-root to that part. But this solution is far from ideal and makes symmetrical mounting extremely complicate.

Some discussion (

<https://forum.kerbalspaceprogram.com/index.php?topic/173188-radius-mounting-for-newly-added-structural-tube/&tab=comments#comment-3339379>)

History

#1 - 06/27/2019 01:31 PM - Robert.Keech

- Status changed from New to Updated

- % Done changed from 0 to 10

Issue no longer occurs

#2 - 06/27/2019 01:31 PM - Robert.Keech

- Status changed from Updated to Resolved

- % Done changed from 10 to 100

#3 - 06/27/2019 01:53 PM - yku12

- Status changed from Resolved to Updated

- % Done changed from 100 to 10

- Expansion Breaking Ground added

This is not resolved.

I think you misunderstood my question.

You can surface mount other parts to Sturctural Tube. But, you can't surface mount Sturctural Tube to things like fuel tanks.

To be more specific:

for Structural Tube:
attachRules = 1,0,1,1,0

For fuel tanks:
node_attach = 2.5, 0.0, 0.0, 1.0, 0.0, 0.0, 1
attachRules = 1,1,1,1,0

Which shows Structural Tube doesn't support radius attach.