

Kerbal Space Program - Bug #28134

XL3 Wheels Turning is extremely limited in 1.12.0/1.12.1

07/01/2021 01:09 AM - Anth12

Status:	Confirmed	Start date:	07/01/2021
Severity:	Low	% Done:	10%
Assignee:			
Category:	Wheels		
Target version:			
Version:	1.12.0	Language:	English (US)
Platform:	Windows	Mod Related:	No
Expansion:	Core Game		

Description

KSP 1.11.2 + BG + MH
KSP 1.12.1 + BG + MH

The following video shows a craft with XL3 Wheels turning well in 1.11.2

<https://youtu.be/8dHiWEilizE>

The following video shows the same craft in 1.12.1 and its turning is extremely limited

<https://youtu.be/NJKFMgjf5gc>

A few things come to mind of causes:

The XL3 **appears to have Steering Adjust** but is hidden because the wheels shouldn't work this way and the feature wasn't removed from the wheel just the ability to interact with it in the action menu

The XL3 doesn't work like normal wheels. **Its like how a tank turns**, it doesn't rotate the wheels like the others do so they shouldn't be calculated the same way as normal wheels.

For gameplay I think the wheels should be closer to how they were not how they are. They were fine as they were before in my opinion

However if they seemed overpowered in the 1.11.2 video, they are way too restricted in 1.12.1

Screenshot is to show that the Steering Adjust isn't in the menu even though it felt like that feature was happening in the second video

"XL3 Turning Bug.sfs" is a 1.11.2 save for comparison

History

#2 - 07/07/2021 04:27 PM - David.Wineinger

- Status changed from New to Confirmed

- % Done changed from 0 to 10

#3 - 10/13/2021 05:17 AM - Anth12

- File XL3 Comparison 1112 to 1122.png added

KSP 1.11.2 + MH + BG

KSP 1.12.2 + MH + BG

Additional Information:

1.11.2 XL3 steeringTorque = 70

1.12.2 XL3 steeringTorque = 25

Testing shows that changing it back to 70 gets it close enough to performing pre 1.12.

My assumption that this was the Steering Adjust appears to be wrong.

Pretty easy fix for 1.12.3 if it ever comes.

Credit goes to JasonLii who pointed me to the steeringTorque.

Files

screenshot18.png	2.56 MB	07/01/2021	Anth12
XL3 Turning Bug.sfs	790 KB	07/01/2021	Anth12
XL3 Comparison 1112 to 1122.png	61.4 KB	10/13/2021	Anth12