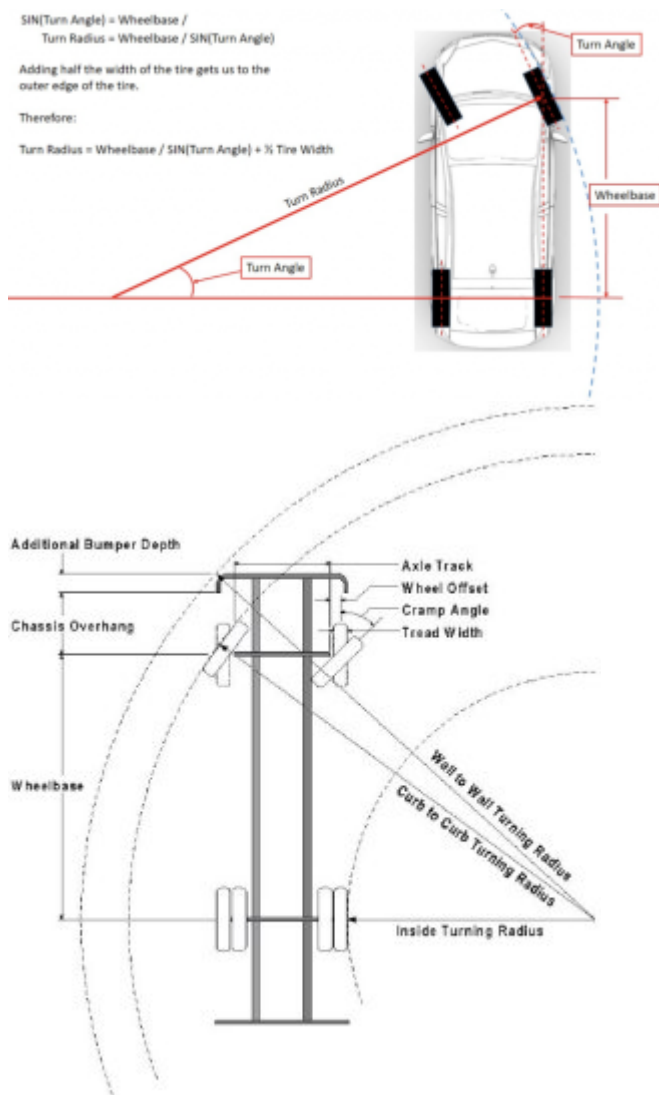


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Turning Radii

Vehicle turning paths, also known as turning radii, refer to the space a vehicle requires to make a turn.



Coach approximate turning radius for beam axle coaches

This should apply to the U270/295/320 and the Nimbus/Phenix beam axle (non-IFS) coaches.

Length	Wheel Base	Curb to Curb	Wall to Wall
34'	204"	35'9"	37'8"
36'	228"	39'3"	41'4"
38' No Tag	228"	39'3"	41'9"
38' No Tag	252" (2007)	43.5"	45'9"
38' w/Tag	228" to drive / 278" to tag	39'3"	41'4"
40' No Tag	276"	44'3"	46'6"
40' w/Tag	252" to drive / 302" to tag	39'7"	41'9"
42' w/Tag	276" to drive / 326" to tag	46'5"	48'9"

Length	Wheel Base	Curb to Curb	Wall to Wall
45' w/Tag	304" to drive / 353" to tag	52'4"	58'8"

Data taken from 2003 Spec sheet and

2007 Commercial Flyer

. See [Original Discussion](#)

Independent Front Suspension (IFS)

The only wheel cut value that has been published was the IH-45 was released (2011), this was reported as a 54-degree wheel cut. One can use this to determine the turning radius, but adjust based on the tag axle configuration (lifting, passive steer, active steer) which will change (improve) that overall radius.



If you have information on the wheel cut for other years, especially IFS, please let us know

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