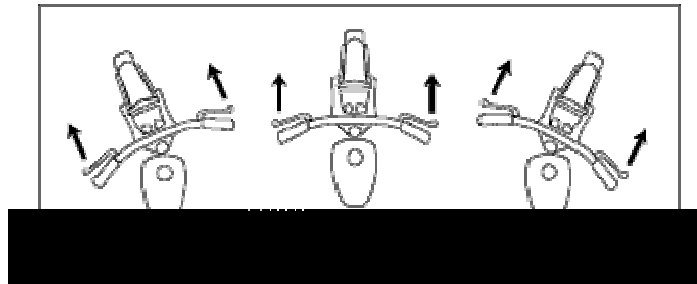


## STEERING A SIDECAR – Leading link forks...

One must first realize that there is a marked difference between riding solo and sidecar riding. Practice is necessary to develop a good and safe sidecar driver. The word driver is important since one **drives** a sidecar outfit, while one **rides** a solo machine. Techniques in cornering and **steering must be developed** by the novice driver. These two points are the main difference between solo riding and sidecar driving. Cornering and steering are easily mastered since the problem of balance during solo riding is eliminated.

At speed, a solo machine negotiates a turn by a slight movement of the handlebars and occasionally a shifting in body weight. When a sidecar outfit is driven, the machine is vertical to the road surface at all times.

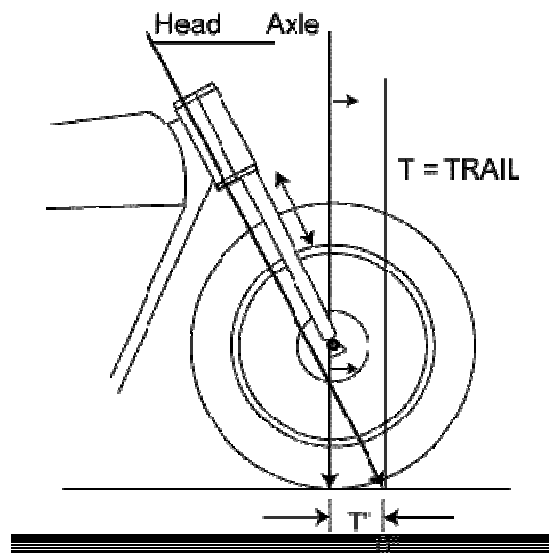
A sidecar is steered and cornered solely by moving the handlebars either to the right or left. **See the illustration below:**



This means there is a considerable amount of handlebar movement depending on the sharpness of the turn. This **conscious need to drive the sidecar outfit by considerable handlebar movement is the main difficulty solo rider's encounter.**

Because of this difference in turning it is necessary for even the experienced solo rider to **be aware of the need to steer the sidecar outfit.**

With standard telescopic forks **See the illustration below:**

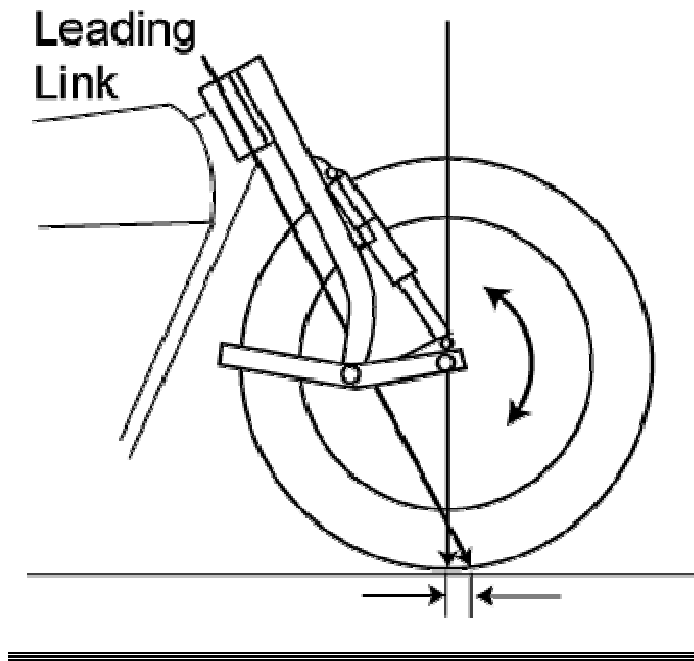


Motorcycle mfg.'s design these forks for two wheel stability. Leaning into a turn and self-centring action. It is combined effects of a number of things, one of them is **TRAIL**.

What happens when you attach a sidecar to a motorcycle? **It will no longer handle like it was designed to do (no leaning into the turns). Now it must be steered.**

Is it unsafe? **NO**. Here's what happens. The faster and harder you drive into the turns, the more pressure you need to apply on the handle bars. What is the solution to this problem?

**ANSWER:** Reduce the **TRAIL**. This is accomplished by installing a **Leading Link Fork**. **See illustration below:**



Ahh, Yes! Effortless. Just like power steering

(this article is from [sidestrider.com](http://sidestrider.com))