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## TURNING RADIUS ESTIMATOR

Configuration

Definitions

**Inside Cramp Angle:** Maximum turning angle of the front inside tire.

**Axle Track:** King-pin to king-pin distance of the front axle.

**Wheel Offset:** Offset from the center-line of the wheel to the king-pin.

**Tread Width:** Width of the tire tread.

**Chassis Overhang:** Distance from the center-line of the front axle to the front edge of the cab. This does not include the bumper depth.

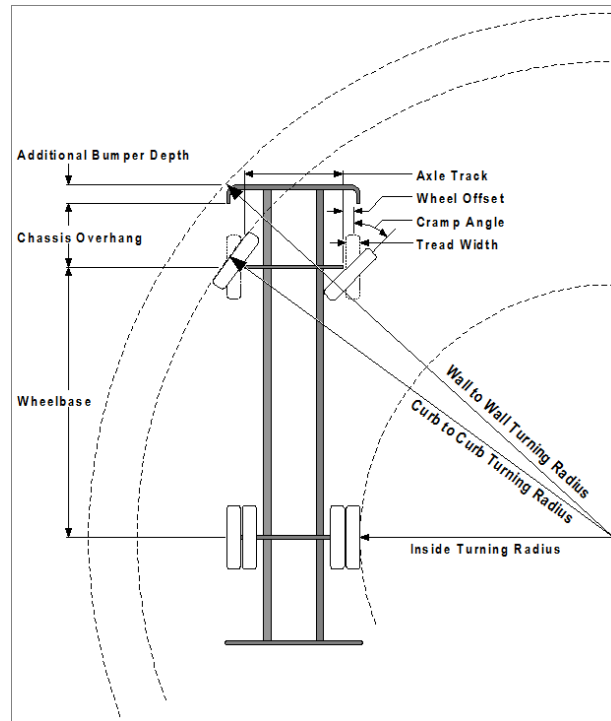
**Additional Bumper Depth:** Depth that the bumper assembly adds to the front overhang.

**Wheelbase:** Distance between the center lines of the vehicle's front and rear axles.

**Inside Turning Radius:** Radius of the smallest circle around which the vehicle can turn.

**Curb to Curb Turning Radius:** Radius of the smallest circle inside of which the vehicle's tires can turn. This measurement assumes a curb height of 9 inches.

**Wall to Wall Turning Radius:** Radius of the smallest circle inside of which the entire vehicle can turn. This measurement takes into account any front overhang due to the chassis, bumper extensions and/or aerial devices.



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