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**Availability:** ISIS, Bus ISIS, FleetISIS, IsSIR

**Major System:** FRONT AXLE

**Current Language:** English

**Other Languages:** [Français](#), [Español](#),

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**Created:** 9/12/2011

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#### Coding Information

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**Title:** Suggested alignment target values when performing a vehicle axle alignment

**Applies To:** All models

## CHANGE LOG

Please refer to the change log text box below for recent changes to this article:

05/11/2018 - Updated field alignment values  
04/04/2018 - Updated for Author Feedback

## DESCRIPTION

Ensure the ride height is set correctly before making any alignment measurements.

When performing a vehicle axle alignment the following target values should be used.

### Steering Axle

|  | Minimum | Maximum | Unit |
|--|---------|---------|------|
|--|---------|---------|------|

|               |      |       |            |
|---------------|------|-------|------------|
| <b>Toe in</b> | .00  | .18   | Degrees    |
|               | .00" | .125" | Inches     |
|               | .00  | 3.19  | Millimeter |
|               | .00  | 3.14  | mm/M       |

**Rear Axles**

|                   | Minimum | Maximum | Unit       |
|-------------------|---------|---------|------------|
| <b>Thrust</b>     | -.18    | .18     | Degrees    |
|                   | -.250"  | .250"   | Inches     |
|                   | -6.4    | 6.4     | Millimeter |
|                   | -3.1    | 3.1     | mm/M       |
|                   |         |         |            |
| <b>Tram/Scrub</b> | -.08    | .08     | Degrees    |
|                   | -.125   | 1.25    | Inches     |
|                   | -3.2    | 3.2     | Millimeter |
|                   | -1.4    | 1.4     | mm/M       |

**NOTES:**

Negative degree tolerance denotes left tire behind right (Josam alignment equipment inverse).

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