



# Service Bulletin No. 3118

<b>MODEL:</b> E/J	<b>TYPE:</b> Service Information	<b>SECTION/GROUP:</b> 02 – Rear Axle	<b>DATE:</b> 12/ 20/ 2018
<b>SUBJECT:</b> Tag Axle Alignment			
<b>CONDITIONS:</b> Service Information Only			

## **Description:**

This service information bulletin applies to all E coaches and J coaches with Rear Axle Steering (RAS) system. The bulletin highlights the importance of maintaining tag axle caster. Proper tag axle caster is necessary for correct vehicle handling.

## **Reference Documents:**

MCI Maintenance Manual



*Read this entire procedure before beginning work.*

*Use Safe Shop Practices At All Times.*

*To avoid personal injury:*

- a. Turn the main battery disconnect switch to the OFF position.*
- b. Ensure that both the front and the rear wheels are chocked.*
- c. Position the ENGINE RUN and ENGINE START switches on the engine compartment remote control box to the OFF position.*
- d. Allow enough time for components to cool down prior to working in the engine compartment.*

## Tag Axle Caster Adjustment Procedure

1. Measure the caster using a Hunter Engineering bus alignment machine or equivalent. Tag axle caster should be nominally set at a positive 3 degrees. Acceptable range is positive 2 to 3.5 degrees.
2. If necessary shim the radius rods to bring the caster readings within tolerance. Shim the lower radius rods to increase the caster. Shim the upper radius rods to decrease caster.



