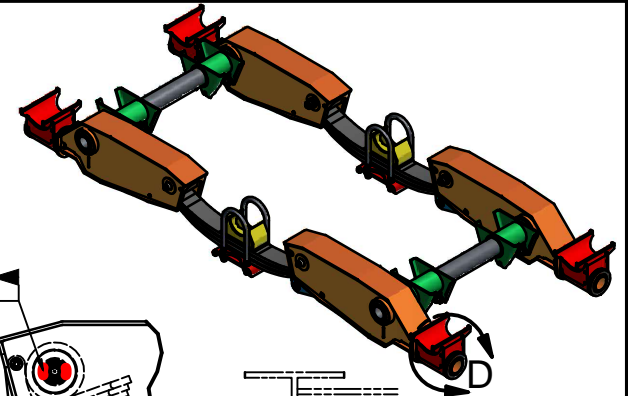


Initial Trunnion Alignment

- 1) Align Front Trunnion to Kingpin by Shifting Trunnion Clamp on Frame Bracket, Tack Weld in Place.
- 2) Align Rear Trunnion to Front Trunnion in Same Manner, Tack Weld in Place.
- 3) Weld Trunnion Clamps Securely in Place, After Final Axle Alignment.



Typ 2 Plcs per Washer After Alignment

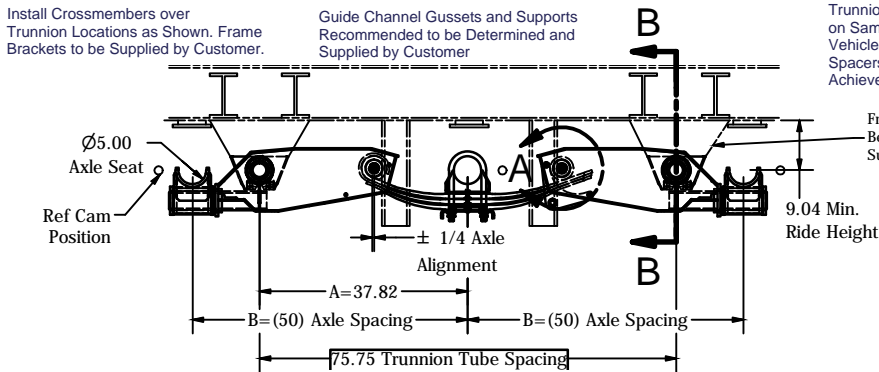
1/4 1/2

DETAIL A
SCALE 1 / 8

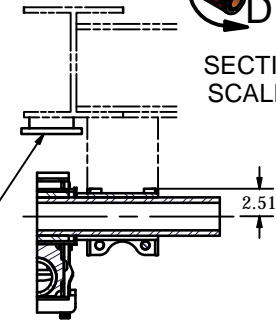
Axle Equalization

For Closest Axle Equalization The Trunnion and Axle Centers Must Be on Same Horizontal Plane When Vehicle is Fully Loaded. Install Spacers at Frame Brackets to Achieve This.

SECTION B-B
SCALE 1 / 10



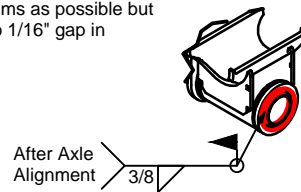
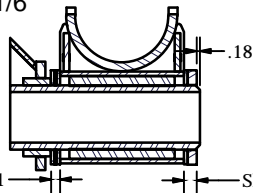
If Axle Stops Are Required The Customer Must Provide A Design Sufficient to Distribute Loading on Axle and Suspension. Frame Reinforcements May Be Required.




Spring Center Chart				
Description	Dim "A"	Dim "B"	Dim "C"	Dim "D"
37.00" Spring Centers on 50" Axle Spacing	37.00"	21.50"	27.88"	44.25"

Shims can be shifted from one side of axle pedestal to other for $\pm 3/8$ axle alignment. Use as many shims as possible but maintain $1/64"$ to $1/16"$ gap in Shim Pack 2

SECTION C-C
SCALE 1 / 6



DETAIL D
SCALE 1 / 10

DCN#	REV	REVISION DESCRIPTION				DATE	BY	CHK	APP
DRAFTSMAN: DJW	1/5/2015	TITLE:				 <p>Nixa, MO, USA PHONE: 417-724-1239 www.cushcorp.com</p>			
CHECKED: CHK		37" Beam Centers CUSH Sprung Tri-Axle Rigid Suspension Rubber Bushed							
RELEASED: APP		TOLERANCE UNLESS OTHERWISE STATED: .XX = +/- .062 FRACTIONS = +/- 1/16 .XXX = +/- .031 ANGLES = +/- 1'							
WEIGHT: N/A		PROJECT NO: 15004							
MATERIAL:		SHEET: 2 OF 2	SCALE: A-SIZE: NTS B-SIZE: 1/20 D-SIZE: 1/X	REV: -	PART/DRAWING NO: CSTR-8750R				