

CASM Clamp on Installation

Before Installation both Back Seat Mount and Bottom Seat Mount Tubes will need to be Sanded Smooth where the Bungs are Welded in!

This will Insure that the CASM Mount will fit Cleanly around the Tubes.

SPRINT CARS ARE TYPICALLY BACKWARDS MEANING THE PISTON IS BEHIND THE SEAT TUBE. EVERY CHASSIS IS DIFFERENT!



Set Seat in Chassis to verify Mounting Side for Pistons! Use angle finder on Flat bottom of seat to Repeat on Piston Assemblies.

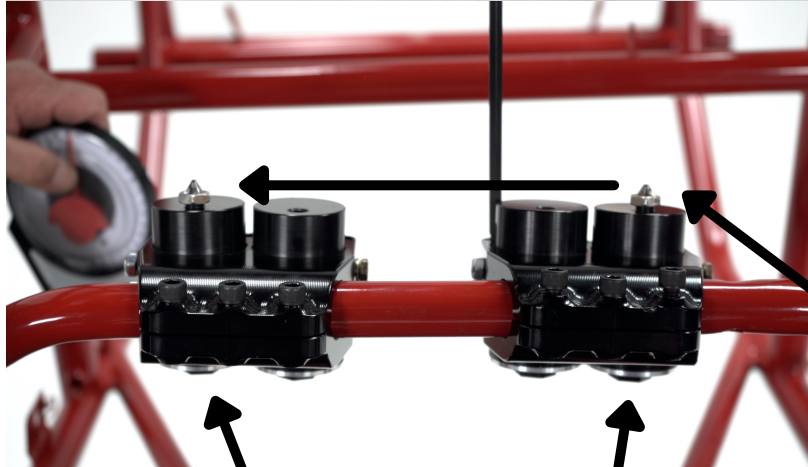
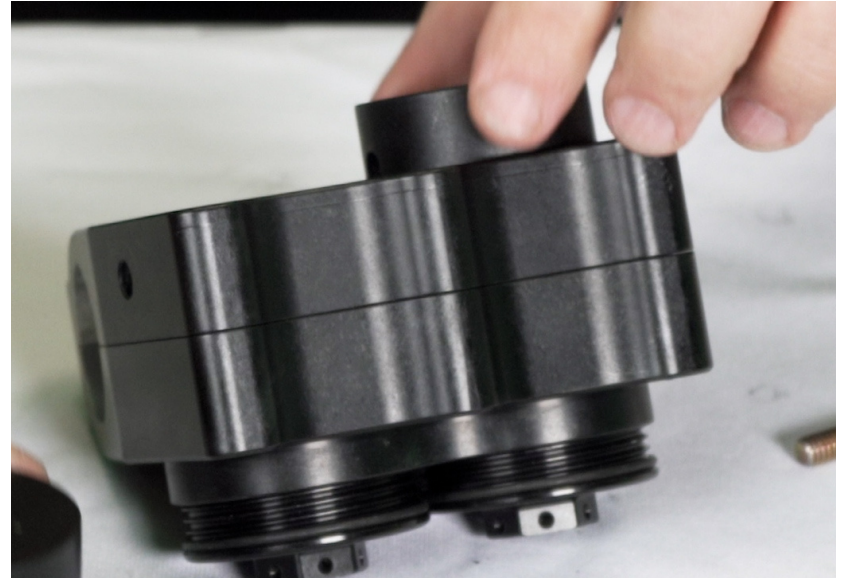
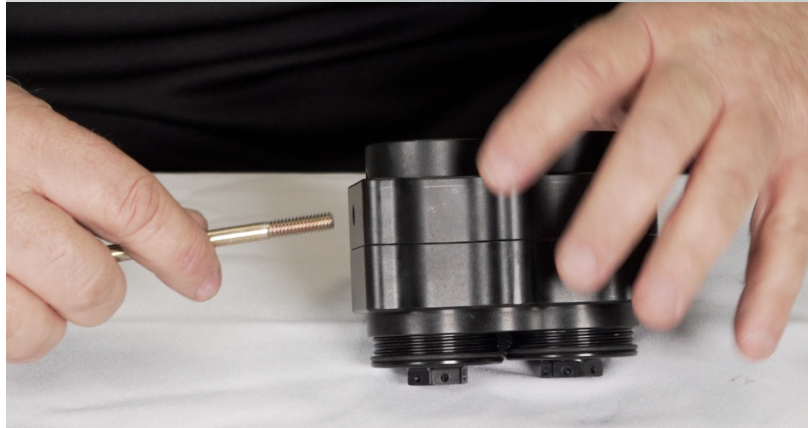
(write down angle)

Sandwich the bottom housing onto the seat tube

**CASM logo always is the top, Install both assembly Bodies with bolts and set angle of housing to bottom of seat Angle
Typically the center of each Bottom Assembly is Centerline with the Bolt Holes.**



When you have the Pinch bolts tight, Please Install the Pistons, 1/4" Bolts, Foam and Bottom Caps

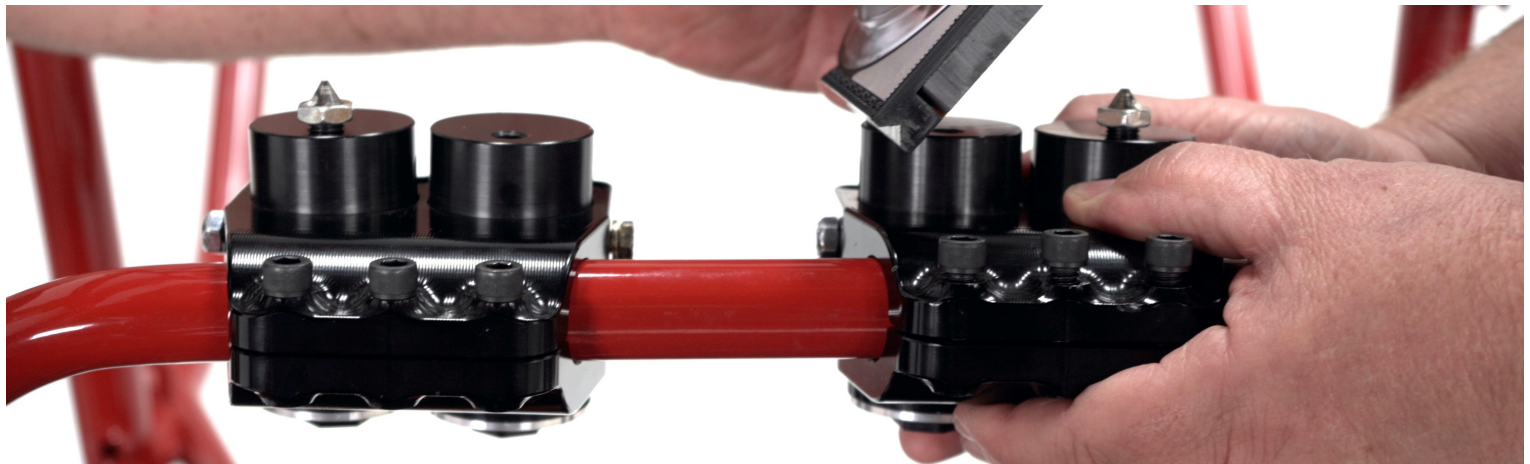


Caps Installed



When Assembly is at proper angle on top of body fully Tighten and Insert transfer punch Drop in's into Outside Piston's Only. Inside Pistons are floating Only

**Tighten all 12 bolts to where the units are Snug to the bar.
When bottom assemblies are in final position they should be level with
each other side to side, and same angle as Seat Bottom Flat
Front to Back**



Rear Sliders



Disassemble rear mounts from packaging, Install the Rear Sliders onto the Seat Rear Support Bar.

(This example is NOT sanded)

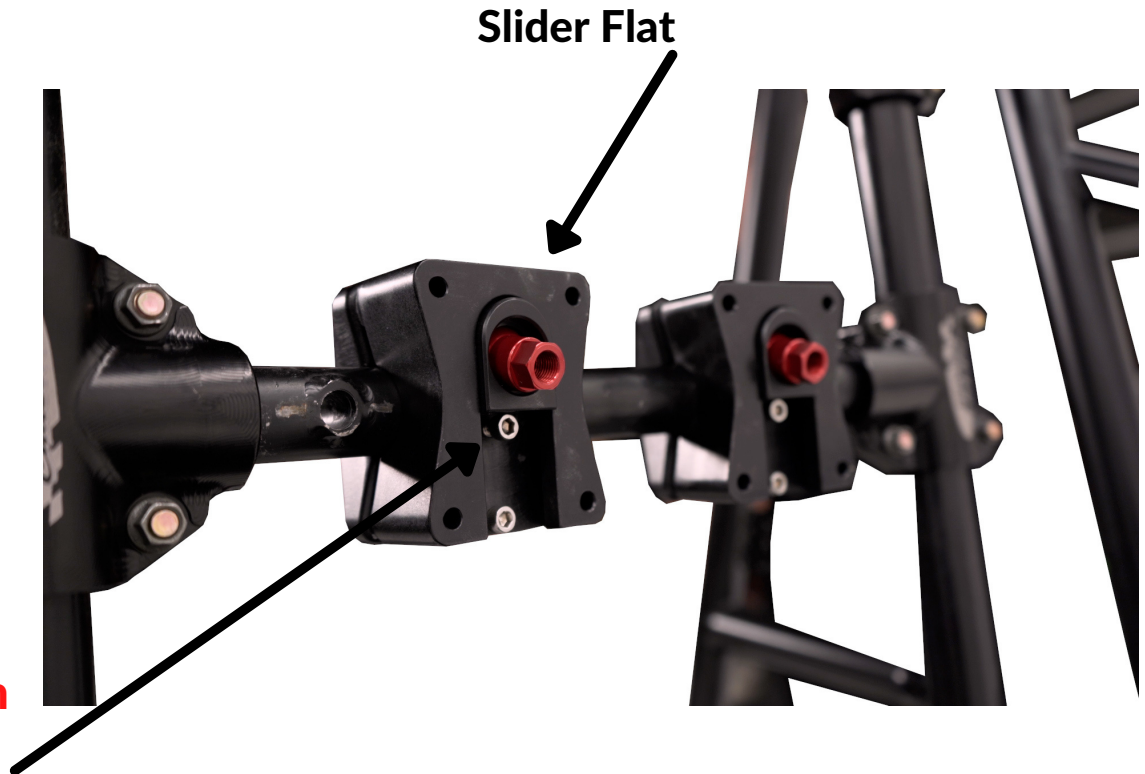
Set Face of Slider flat at 90 deg from bottom housing

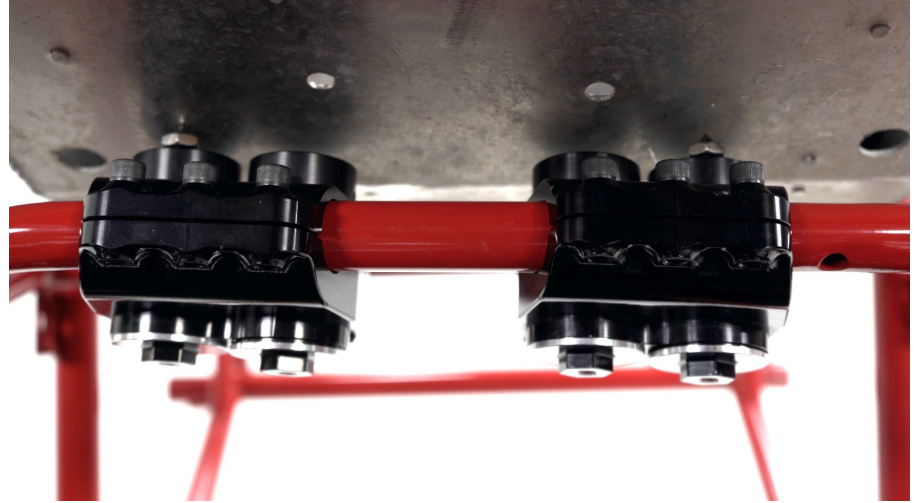
The system needs to be square in order for the Pistons and Sliders to move freely

When Slider Flats and Piston Assemblies are at 90 deg.

Tighten all bolts one last time.

After seat is finally mounted to Rear Sliders remove Installation set screw. Bottom screw remains as a safety





**Set Seat in Chassis
Start at Piston's for
Mounting Seat. Use a Dead
Blow Hammer, Hit Seat
Bottom to Indent Transfer
marks. Remove Seat and
Drill 3/8" holes where
transfer marks are.**

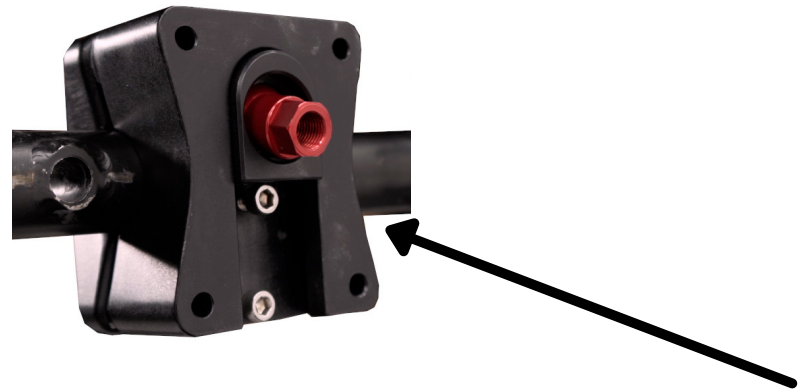


**Install Bolts to Seat Bottom!
Now you are ready to repeat process on rear sliders**

Double check rear slider angle to make sure bottom Piston Housing is 90 deg. Install transfer Punch bolt in Gimble Inside of Slider. with seat in place hold each Gimble as square to back of seat as possible. Hit with dead blow hammer to make bolt hole marks



Install Rear Slider Bolts. When System is complete remove Socket Head Allen Set Screw under slider



Tools Needed

- *5/16" 12 Point Socket (Piston Housings)*
- *3/16" Allen Wrench (Back Sliders)*
- *Angle Finder (Any kind)*
- *7/16" wrenches (1/4" Bolt Through Pistons)*
- *9/16" Wrench (Seat Bolts Bottom and Rear)*
- *1/2" Wrench (Gimble hex In Back Slider)*
- *Anti-Seize (All Allen Bolts, Bottom Foam Caps)*
- *Large Square if you do not have a Angle Finder?*