

Z1 CASTER OFFSET FUCA SPACER INSTALLATION MANUAL



PROLOGUE:

Study these instructions completely before proceeding to assembly. The installer must have a thorough knowledge of automotive systems operation. If unfamiliar with any of the concepts outlined in this instruction, we recommend the installation be completed by a qualified professional.

WARNING!

Extreme caution should be taken when performing maintenance or performance upgrades to your vehicle. Please observe and abide by any Warning or Caution labels placed on the various components and tools used when servicing your vehicle. If you have any questions regarding installation or the various components included with the Z1 Motorsports Caster Offset FUCA Spacer, consult with a Professional Mechanic, or contact Z1 Motorsports for more information.

PARTS INCLUDED:

Item	Quantity	Description
1	4	Large Offset Spacer
1	4	Small Offset Spacer

SAFETY REQUIREMENTS:

- Always wear safety glasses and any necessary protective garments. If using any fluids, chemicals, or solvents, a respirator is recommended.
- Always turn the ignition to the OFF position and disconnect the NEGATIVE battery terminal.
- Always use properly rated jack stands when working under your vehicle.
- Always keep limbs and parts away from moving drivetrain parts.
- Only operate drivetrain in safe space and well-ventilated areas.

BEFORE YOU BEGIN:

Remove contents from the Z1 Motorsports Caster Offset FUCA Spacer and verify that ALL necessary hardware is present.

These Spacers are intended for users that have Z1 Motorsports FUCAS (Except Z32 300ZX) **WITH** Race Ends. These will **NOT** work with Street Ends.

PROCEDURE:

1. Remove your FUCAs from the vehicle if they have installed prior. Refer to your specific Installation Manual for removal. If the FUCAs have not been installed yet, assemble them according to your Installation Manual.
2. Locate (2) two Large Offset Spacers and (2) two Small Offset Spacers. Install them into the Race Ends of your Control Arm in one of two ways:

Having the Spacers positioned as shown with the Arrows facing the rear of the vehicle will **ADD** Negative Caster (*Figure 1*):

NOTE: The Spacers **MUST** be in the same orientation on each Race End and each FUCA. The Arrows on the Large Spacers **MUST** be pointing in the same direction.



Figure 1

Having the Spacers positioned as shown with the Arrows pointing towards the front of the vehicle will **DECREASE** Negative Caster and be closer to a factory alignment specification (*Figure 2*):

NOTE: The Spacers **MUST** be in the same orientation on each Race End and each FUCA. The Arrows on the Large Spacers **MUST** be pointing in the same direction.



Figure 2

3. Reinstall the FUCAs back into your vehicle in accordance with their supplied Installation Manual using the Caster Offset Spacers instead of the original spacers.
4. Have your vehicle properly aligned.

END

Additional Technical Support:
Contact Z1 Motorsports at info@z1motorsports.com
Or call 770-838-7777 between 9am and 6pm ET