



READ THOROUGHLY BEFORE BEGINNING

KIT INCLUDES

VS Part # SS-03

1. SMART-STRUT Mounting Bracket
2. Adjustable Strut Rods
3. Adjustable Cam Assemblies w/Hardware

STEP 1

With car on jack stands, clamp a pair of heavy vice grips to the steel spring. If you have a fiberglass spring, clamp the vice grips on the end of the spring where the metal clamp is. This will prevent the floor jack from sliding when you jack it up. Remove one side at a time.

STEP 2

Remove camber bolts from the stock strut rod bracket. Once the camber bolts are out, you can remove the stock bracket and keep your old hardware.

STEP 3

As a starting point, set the length of the adjustable strut rods to the length of the OE strut rods.

STEP 4

Using original bolts, install pre-assembled Smart Struts mounting bracket onto the differential. Reconnect strut rods to rear bearing carriers with lower shock mounts and reinstall lower shocks.

STEP 5

Reversing Step 1, reconnect the outer spring bolts and tighten all hardware.

STEP 6

Roll the car back and forth to settle the suspension and re-adjust the strut rods to the desired camber. A good starting point is 1/2 degree negative. Each turn of the strut rod equals about a 1/2 degree of camber change. The vehicle **MUST** be re-aligned at and qualified alignment shop after initial starting point has been established during the install.

CAMBER-INCLINATION CAM BOLT ADJUSTMENT

Street: 1/4 degree for each 1" of hub travel.

(3/4 degree for 3" of hub travel)

Racing: 1/2-3/4 degree for each 1" of hub travel.

Rear camber MUST be checked after inclination cam adjustment.

There is no specific angle spec angle the rods need to be at because it will be different for everyone. Just like setting up toe in the car, it's based on a few things. Ride height and the angle of the half shafts. The bracket alone reduced the camber curve because it repositions the inboard pivot for improved camber control. The angle of the rod is predicated on ride height, the final camber setting and the application on which the intent of the car is for.