



350 S. St. Charles St. Jasper, In. 47546
Ph. 812.482.2932 Fax 812.634.6632
www.ridetech.com

Part # 11381099
99-06 Silverado Front CoolRide
For Use w/ Stock Lower Arm

Components:

2	90006873	224 double convoluted air spring
1	90000392	Drivers side lower air spring mount
1	90000393	Passenger side lower air spring mount
2	90000214	Upper air spring mount
2	90001083	Medium bump stop

Hardware:

2	99081001	8mm x 1.25" x 140mm	Sway bar end link
2	99371001	3/8" x 3/4" USS bolt	Air spring to lower plate
2	99373005	3/8" lock washer	Air spring to lower plate
6	99373003	3/8" SAE flat washer	Air spring mounting
4	99372002	3/8" USS Nylok nut	Air spring to cup bracket
2	99373007	3/8" x 1" self tapping bolt	Air spring plate to lower arm
2	99433002	7/16" SAE flat washer	Cup bracket to frame
2	99435001	7/16" x 6" stud	Cup bracket to frame
2	99432001	7/16" USS Nylok nut	Cup bracket to frame
2	99621004	5/8 x 3" SAE bolts	Air spring plate to lower arm
2	99632002	5/8" SAE thin Nylok jam nut	Air spring plate to lower arm

Installation Instructions

*** Must use RideTech Front Shock Kit ***



1. The upper coil spring bucket must be trimmed for air spring clearance. The trimmed piece will measure approx. $1 \frac{3}{4} \times 1 \frac{3}{4}$. A die grinder and a cutoff wheel will do the job nicely. The objective here is to create clearance for the air spring. Check this area VERY carefully for abrasion against air spring.



2. Install the lower air spring mounting plate into the lower control arm using the oem sway bar attachment hole as the primary locator. The remaining attachment holes will then be drilled so the plate can be securely fastened to the control arm.

3. The sway bar end link must be shortened by approx. 2". A new shorter bolt is provided, but the sleeve must be cut by the installer. Doing this will re-align the sway bar for proper clearance and effectiveness.



4. Apply thread sealant onto an air fitting and screw it into the top of the air spring.
5. Place the upper cup bracket on top of the air spring and secure w/ the 3/8" Nylok nut and flat washers supplied.
6. Screw the 7/16" all thread into the nut in the bottom of the cup bracket.
7. Place the assembly into the upper coil spring pocket w/ the stud sticking through the factory shock hole. Secure w/ a 7/16" Nylok nut and flat washer.
8. Fasten the air spring to the lower arm using a 3/8" x 3/4 bolt, flat washer and lock washer.

9. Remove original bumpstop and replace with the shorter one supplied. Although, it is OK to let the suspension bottom out on the air spring.

10. Ride height on this air spring is around 4.5" - 5.5" tall.

IT IS THE FINAL RESPONSIBILITY OF THE CUSTOMER / INSTALLER TO MAKE SURE THAT THE AIR SPRING DOES NOT RUB ON ANYTHING AT ANYTIME!!