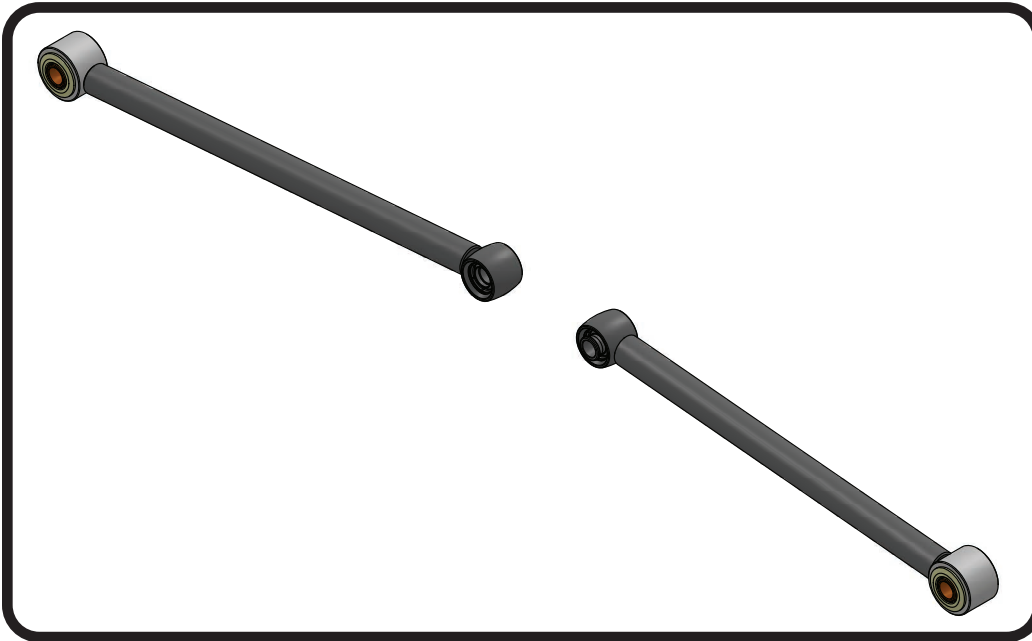
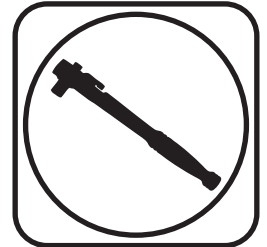




Part # 11567295 - 1989-1996 C4 Corvette Rear Lower StrongArms



Recommended Tools



1989-1996 GM Corvette Rear Lower StrongArms Installation Instructions

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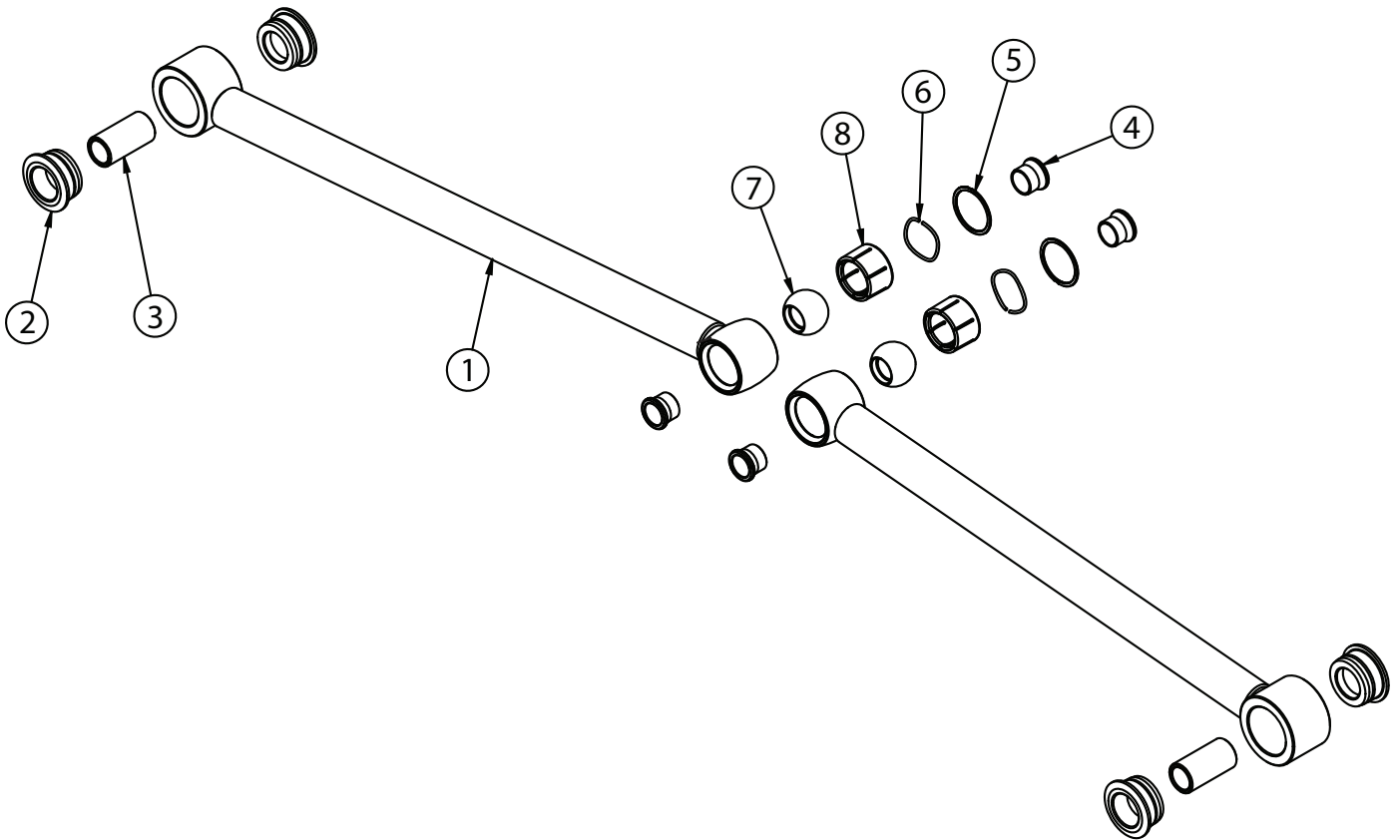
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Included ComponentsIn the box

Item #	Part #	Description	QTY
1	90003170	Lower StrongArm	2
2	70014691	Outer Bushing Half - (installed in StrongArms)	4
3	90003171	Outer Bushing - Inner Sleeve - (installed in StrongArms)	2
4	70014908	R-Joint Spacers	4
R-Joint Components - (Installed in bar ends)			
5	70013279	Retaining Ring	2
6	70013280	Wavo Wave Spring	2
7	70013275	R-Joint Center Ball	2
8	70013276	R-Joint Composite Center Ball Cage	2



THE OEM HARDWARE WILL BE REUSED WHEN INSTALLING THESE STRONGARMS.

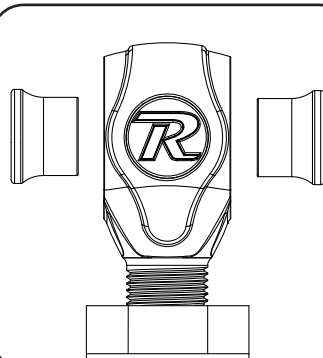


R-Joint Info.....

R-JOINT SPACER INSTALLATION

Install the Spacers by inserting the SMALL side of the SPACER into the Center Pivot Ball. Push them in until they bottom out and stop.

R-JOINT SPACERS



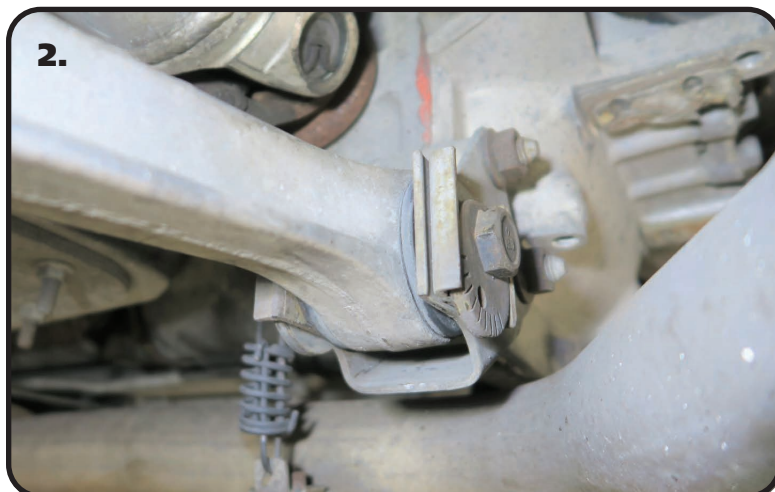
New R-Joints will be quite stiff (75-90 in/lbs breakaway torque) until they "break in" after a few miles of use. After the break in period they will move much more freely. Because the composite bearing race contains self lubricating ingredients, no additional lubrication is needed or desired. Any additional lubrication will only serve to attract more dirt and debris to the R-Joint and actually shorten its life.

Getting Started.....

Congratulations on your purchase of the Ridetech C4 Corvette Rear Lower StrongArms. These StrongArms have been designed to give your C4 Corvette excellent handling along with a lifetime of enjoyment. Some of the key features of the StrongArms: R-Joints & Delrin bushings are used to eliminate bushing deflection along with providing bind-free suspension movement through the entire travel. The R-Joints & Delrin Bushings are made from a material that is self lubricating, so no lubrication is needed.

THE OEM HARDWARE WILL BE REUSED WHEN INSTALLING THESE STRONGARMS.

1. Raise the vehicle up to a comfortable work height. You will need to support the car by the frame to be able to freely move the rear knuckle.



2. Mark the position of the inner adjuster before loosening it. You will want to return it to the same position after installing the new control arms. Remove the nut and cam washer from the adjuster. Also, remove the nut from the outer end of the lower control arm.



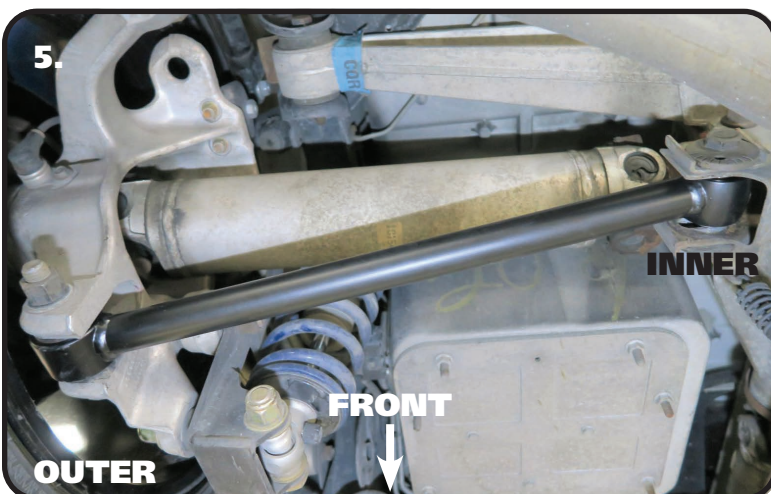
Lower StrongArm Installation



3. Remove the adjuster cam from the inner mount of the lower control arm. Remove the inner end of the control arm from the mount. We used a pry bar between the frame mount and lower control arm to help pry it out.



4. Remove the bolt from the outer end of the lower control arm and remove the control arm.



5. The lower control arm needs to be installed in the car in the correct position and orientation. **Image 5** illustrates the proper positioning of the lower control arm. The R-Joint end of the lower control arm needs to be mounted in the inner mount. The tube should angle forward to the outer mount.



Lower StrongArm Installation



6. Install R-joint Spacers into the inner R-joint. Install the Spacers by inserting the SMALL side of the SPACER into the Center Pivot Ball. Push them in until they bottom out and stop.



7. If you are installing the lower control arms with the wheels/tires still on the car, insert the outer end of the lower control arm into the wheel, below the knuckle.



8. Insert the R-Joint end of the lower control arm into the inner mount. Make sure it is installed with the outer end angling to the front of the car.



Lower StrongArm Installation



9. Reinstall the cam adjuster. Use the marks from **Step 2** to put the adjuster back in the same position as it was removed from. Torque to 186 ftlbs.



10. Insert the outer end of the lower control arm into the knuckle of the rear suspension. Align the bolt hole of the outer knuckle with the inner sleeve of the lower control arm.



11. Reinstall the OEM bolt/nut. Torque to 107 ftlbs.

12. Repeat **Steps 2 - 11** on the other side.

We suggest having the car aligned.