



### Part # 22149846 - 4.75" Stroke HQ Series Shocks



#### Recommended Tools

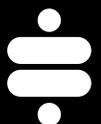


## Stud/Trunnion HQ Series Installation Instructions

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**Due to manufacturing tolerances it may be necessary to clearance the Control Arm to get the Shock through the Control Arm opening.**





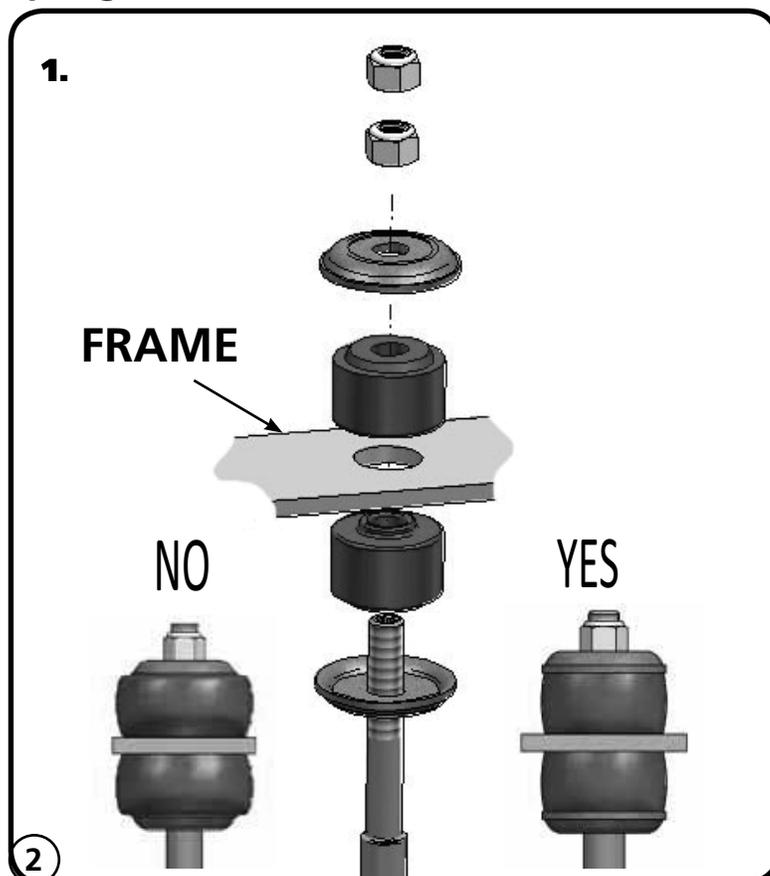
### 4.75" HQ Series Smooth Body Shocks

#### Major Components .....In the box

Part #	Description	QTY
22849599	4.75" Stroke Shock	2
70011139	5/8" ID Shock Bushing (Installed in Shock)	2
90002069	Standard Trunnion (Installed in Shock)	2
70011141	Bushing Support Washer	4
70011140	Stem Bushing	4
99372006	3/8"-24 Thin Jam Nut	4

### Shock Installation

Before installing the Shocks, the Control Arm Bushings, Upper Balljoint, and Coil-Springs should be installed.



1. With the OEM shock removed, install the Ridetech shock. Install a Bushing Support Washer on to the shock shaft followed by a Shock Stem Bushing. Insert the assembly through the factory shock hole in the frame. With the shock stud sticking through the frame, install a Shock Stem Bushing on to the shock stud followed with a Bushing Support Washer. Install a 3/8"-24 Thin Jam nut onto the threads and tighten to 35 inlbs. The Bushing should be tight, but not to the point that the bushing is bulging past the Support Washer. Install the 2nd 3/8"-24 Thin Jam nut and tighten it against the first nut. Reinstall Adjuster Knob.

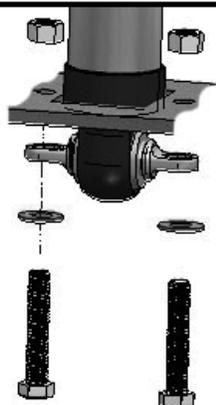
**NOTE:** It may be necessary to remove the OEM Speed Nuts from the Control Arm to allow room for the Shock to slide through the opening in the Control Arm. The Speed Nuts can be reinstalled after the Shock is in position.

**www.ridetech.com**  
**812-482-2932**



### Shock Installation and Adjustment

2.



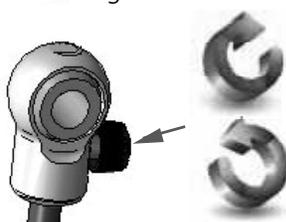
2. Attach the Trunnion to the OEM Control arm using the OEM hardware. It may be necessary to rotate the Trunnion to get it in the correct position. This can be done by sticking a screwdriver in one of the slots and spinning the trunnion in the shock bushing.

### Shock adjustment 101- Single Adjustable

#### Rebound Adjustment:

How to adjust your new shocks.

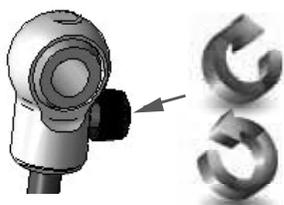
The rebound adjustment knob is located on the top of the shock absorber protruding from the eyelet or stud top. You must first begin at the ZERO setting, then set the shock to a street setting of 12 or handling setting of 8.



-Begin with the shocks adjusted to the ZERO rebound position (full stiff). Do this by rotating the rebound adjuster knob clockwise until it stops.

-Now turn the rebound adjuster knob counter clockwise 12 clicks. This sets the shock at 12 for a street setting. If your after a handling setting only go 8 clicks.

#### Take the vehicle for a test drive.



-if you are satisfied with the ride quality, do not do anything, you are set!

-if the vehicle is too soft increase the damping effect by rotating the rebound knob clock wise 3 additional clicks.

-If the vehicle is too stiff rotate the rebound adjustment knob counter clock wise 2 clicks and you are set!

Take the vehicle for another test drive and repeat the above steps until the ride quality is satisfactory.

#### Note:

One end of the vehicle will likely reach the desired setting before the other end. If this happens stop adjusting the satisfied end and keep adjusting the unsatisfied end until the overall ride quality is satisfactory.