

# ridetech

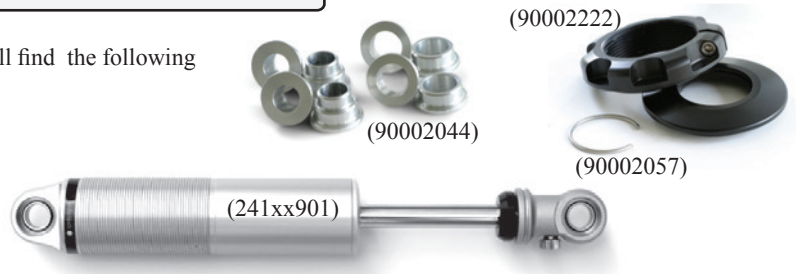
Air Ride Technologies

## COIL-OVER

### In the box....

Thank you for purchasing our product. In the box you will find the following components.

- 1- billet aluminum mono tube shock (241xx901)
  - 1- Upper spring seat
  - 1- Lower adjuster nut
  - 1- Upper spring seat clip (90002057)
  - 1- set of 5/8"-1/2" bearing spacer kit (90002044)
- Sold as pair (90002222)



### Assembly...



First using the supplied lower adjuster nut(90002222) thread the nut onto the shock from the bottom side as seen in figure 1



Next install coil spring over the top of the shock as seen in figure 2  
**NEED COILS? FLIP SHEET OVER**



Before the upper spring mount can be installed screw the adjuster knob on the upper eye mount to the firmest setting (clockwise) as seen in figure 3.



Next slide the upper spring mount (90002222) over eyelet as seen in figure 4.



Install upper spring mount retainer clip (90002057) into the groove on the upper eyelet as seen in figure 5.



The included set of bearing spacers (900002044) are used to adapt the coil-overs to just about any application. The supplied spacers allow the coil-overs to accept 5/8" or 1/2" bolts.

### Shock adjustment 101

How to adjust your new shocks. The rebound adjustment knob is located on the top of the shock absorber protruding from the eyelet. Begin with the shocks adjusted to the number 3 position. The first two settings are generally too soft for street use. The softest setting, is found by turning the knob in the counter-clockwise direction until the positive stop is located (this is setting #1). Rotating the knob in the clockwise direction increases damping stiffness. Each of the 24 settings is indicated by a detent that can be felt when turning the knob, and an audible click as the knob gently locks into position.

Take it on a drive....

Now if the car feels bouncy generally the vehicle will need a few more clicks (clockwise), again this will increase the stiffness of the shock.



Clockwise = Stiffer



Counterclockwise = Softer

**RideTech 2 1/2" coil over springs**

built in Indiana by HyperCo:

High tensile premium steel CNC cold wound, less weight, more resistant to bowing, increased travel with durable powered coated finish

All popular rates in 6", 7", 8", 10", & 12" lengths

**RIDETECH HIGH TENSILE 2 1/2" ID COIL SPRINGS** (each)  
Popular Lengths & Rates

Available in lengths and rates for front & rear applications



**COIL SPRING RECOMMENDATIONS**

Shock Stroke	Coil Spring #	Description
2.9	59060600	6" free length 2.5" ID 600 lbs/in
2.9	59060700	6" free length 2.5" ID 700 lbs/in
2.9	59060800	6" free length 2.5" ID 800 lbs/in
2.9	59070175	7" free length 2.5" ID 175 lbs/in
2.9	59070200	7" free length 2.5" ID 200 lbs/in
2.9	59070275	7" free length 2.5" ID 275 lbs/in
2.9	59070300	7" free length 2.5" ID 300 lbs/in
2.9	59070350	7" free length 2.5" ID 350 lbs/in
2.9	59070400	7" free length 2.5" ID 400 lbs/in
2.9	59070450	7" free length 2.5" ID 450 lbs/in
2.9	59070500	7" free length 2.5" ID 500 lbs/in
2.9	59070550	7" free length 2.5" ID 550 lbs/in
2.9	59070600	7" free length 2.5" ID 600 lbs/in
2.9	59070650	7" free length 2.5" ID 650 lbs/in
2.9	59070700	7" free length 2.5" ID 700 lbs/in
2.9	59070750	7" free length 2.5" ID 750 lbs/in
3.6	59080100	8" free length 2.5" ID 100 lbs/in
3.6	59080150	8" free length 2.5" ID 150 lbs/in
3.6	59080200	8" free length 2.5" ID 200 lbs/in
3.6	59080225	8" free length 2.5" ID 225 lbs/in
3.6	59080250	8" free length 2.5" ID 250 lbs/in
3.6	59080275	8" free length 2.5" ID 275 lbs/in
3.6	59080300	8" free length 2.5" ID 300 lbs/in
3.6	59080325	8" free length 2.5" ID 325 lbs/in
3.6	59080350	8" free length 2.5" ID 350 lbs/in
3.6	59080375	8" free length 2.5" ID 375 lbs/in
3.6	59080400	8" free length 2.5" ID 400 lbs/in
3.6	59080450	8" free length 2.5" ID 450 lbs/in
3.6	59080475	8" free length 2.5" ID 475 lbs/in
3.6	59080500	8" free length 2.5" ID 500 lbs/in
3.6	59080525	8" free length 2.5" ID 525 lbs/in
3.6	59080550	8" free length 2.5" ID 550 lbs/in
3.6	59080575	8" free length 2.5" ID 575 lbs/in
3.6	59080600	8" free length 2.5" ID 600 lbs/in
3.6	59080650	8" free length 2.5" ID 650 lbs/in
3.6	59080700	8" free length 2.5" ID 700 lbs/in
3.6	59080750	8" free length 2.5" ID 750 lbs/in
3.6	59080800	8" free length 2.5" ID 800 lbs/in

**COIL SPRING RECOMMENDATIONS**

Shock Stroke	Coil Spring #	Description
4.1/5.2	59100125	10" free length 2.5" ID 125 lbs/in
4.1/5.2	59100150	10" free length 2.5" ID 150 lbs/in
4.1/5.2	59100162	10" free length 2.5" ID 162 lbs/in
4.1/5.2	59100175	10" free length 2.5" ID 175 lbs/in
4.1/5.2	59100200	10" free length 2.5" ID 200 lbs/in
4.1/5.2	59100225	10" free length 2.5" ID 225 lbs/in
4.1/5.2	59100250	10" free length 2.5" ID 250 lbs/in
4.1/5.2	59100275	10" free length 2.5" ID 275 lbs/in
4.1/5.2	59100300	10" free length 2.5" ID 300 lbs/in
4.1/5.2	59100325	10" free length 2.5" ID 325 lbs/in
4.1/5.2	59100350	10" free length 2.5" ID 350 lbs/in
4.1/5.2	59100375	10" free length 2.5" ID 375 lbs/in
4.1/5.2	59100400	10" free length 2.5" ID 400 lbs/in
4.1/5.2	59100425	10" free length 2.5" ID 425 lbs/in
4.1/5.2	59100450	10" free length 2.5" ID 450 lbs/in
4.1/5.2	59100475	10" free length 2.5" ID 475 lbs/in
4.1/5.2	59100500	10" free length 2.5" ID 500 lbs/in
4.1/5.2	59100525	10" free length 2.5" ID 525 lbs/in
4.1/5.2	59100550	10" free length 2.5" ID 550 lbs/in
4.1/5.2	59100575	10" free length 2.5" ID 575 lbs/in
4.1/5.2	59100600	10" free length 2.5" ID 600 lbs/in
4.1/5.2	59100625	10" free length 2.5" ID 625 lbs/in
4.1/5.2	59100650	10" free length 2.5" ID 650 lbs/in
4.1/5.2	59100675	10" free length 2.5" ID 675 lbs/in
4.1/5.2	59100700	10" free length 2.5" ID 700 lbs/in
6.3/6.9	59120125	12" free length 2.5" ID 125 lbs/in
6.3/6.9	59120150	12" free length 2.5" ID 150 lbs/in
6.3/6.9	59120162	12" free length 2.5" ID 162 lbs/in
6.3/6.9	59120175	12" free length 2.5" ID 175 lbs/in
6.3/6.9	59120185	12" free length 2.5" ID 185 lbs/in
6.3/6.9	59120200	12" free length 2.5" ID 200 lbs/in
6.3/6.9	59120225	12" free length 2.5" ID 225 lbs/in
6.3/6.9	59120250	12" free length 2.5" ID 250 lbs/in
6.3/6.9	59120275	12" free length 2.5" ID 275 lbs/in
6.3/6.9	59120300	12" free length 2.5" ID 300 lbs/in
6.3/6.9	59120325	12" free length 2.5" ID 325 lbs/in
6.3/6.9	59120350	12" free length 2.5" ID 350 lbs/in
6.3/6.9	59120375	12" free length 2.5" ID 375 lbs/in
6.3/6.9	59120400	12" free length 2.5" ID 400 lbs/in
6.3/6.9	59120425	12" free length 2.5" ID 425 lbs/in
6.3/6.9	59120450	12" free length 2.5" ID 450 lbs/in