



Commander LTD Full Spring Kit

Can Am Commander | 2010+

Part #: 5302144

Rev. 011917

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SAFETY WARNING

RT Pro UTV recommends this system be installed by a professional technician. In addition to these instructions, professional knowledge of disassembly/ reassembly procedures and post installation checks must be known.

WHY BUY RT PRO UTV

Great off-road driving and racing comes with having the most rugged and durable machine in the pack.

RT Pro UTV performance enhancing products will make your off-road machine stronger, tougher and safer so you can have more fun and less breakdowns.

For over a decade, RT Pro UTV staff have been taking brand new UTVs and driving them to their breaking point. When they bend, break or falter, we take them back to shop and create a fix that stops the problem from happening again.

There is no other company in the industry that puts more thought, engineering and design innovation into their products than we do. Our team is made up of off-road racers, mechanical engineers and talented fabricators who live and breathe all things motorsport. Above all, we share a passion for innovation, quality construction and getting things right.

All of our products are designed for assembly by weekend warriors with normal garage tools and the occasional spot-weld. Assembly directions are complete and thorough.

Remember, when you buy a RT Pro UTV product for your UTV, all of the parts have been designed and manufactured in the United States with U.S. steel and other high quality American components.



RTP5302144		
Part #	Description	QTY
25140175S	Front Coil Spring	2
25100200S	Rear Coil Spring	2
25040600S	Rear Coil Spring	2
04010	Coil Spacer	4
04013	Coil Retainer	2
04014	Coil Retainer	2

FITMENT NOTES

N/A

SPECIAL TOOLS

Spring Compressor

INSTALLATION TIME

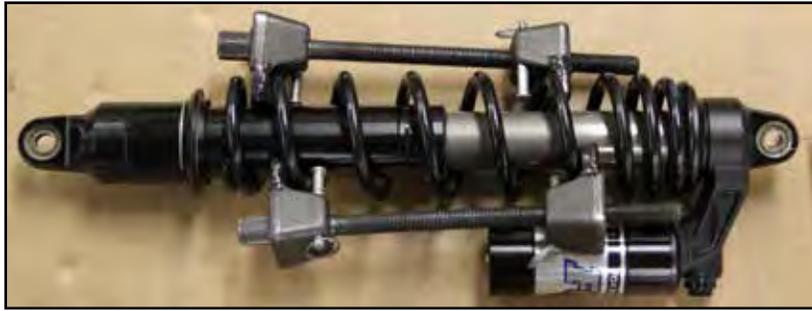
Approximately 2-3 hours

INSTALLATION INSTRUCTIONS

INSTALLING THE SPRINGS

To install these springs you will need a spring compressor. We recommend getting a loaner tool from a local chain auto parts store like Auto Zone, Advanced, O'Reilly or Checkers. Some people use ratchet straps and this seems to work well also.

Figure 1



REMOVING THE OEM SPRINGS

1. Compress the springs enough to remove the retainer rings. Save the retainer rings as you will reuse these.

Note: the OEM springs are a different design than our springs. The OEM springs are a different length when extended. Don't worry about it. The springs we've designed are the proper design. Throw away the OEM springs and never look back.

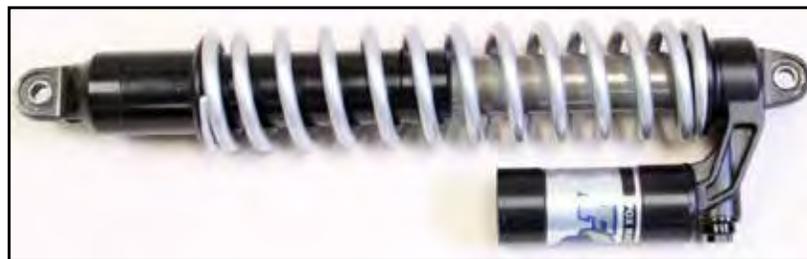
Figure 2



FRONT

2. Slide the longest springs in the kit over the shock body. Compress the spring enough to install the retainer and the OEM retainer ring. Then release the spring compressor.

Figure 3



REAR

3. The rear springs need to be assembled the same way as the fronts. The short spring needs to go on last so the spring spacer assembly rides on the body of the shock. The order the springs are assembled are as follows:

1. Long spring 2. Spacer assembly 3. Short spring 4. OEM retainer 5. OEM retainer clip

- To assemble the spring spacer assembly: Our design is made to fit on the shock body properly without requiring complete disassembly of the shock. After sliding on the long spring, slide long shoulder retention ring in to long spring, put spacer assembly halves around body of shock just below the long spring and slide in to the long shoulder retention ring (the long side of the halves go inside the long retention ring), next slide short shoulder retention ring over the other side of the spacer assembly halves and slide short spring over the assembled spacer to hold it all together.

Figure 4



Figure 5



SETTING UP THE SPRINGS

- Since the Commander LTD has no preload adjustment there is nothing left to do with these springs once they are assembled and reinstalled. We have found the perfect spring rates to fit all needs with the use of the air pressure adjustment controls. Feel free to play around with your air settings until you have the most ideal setup for your particular application. We have never had a customer ask to exchange springs rates so we feel very confident you will find the best performance you can get with the OEM shocks out of this spring kit.
- If you install this kit and feel you would like more height on a lower air setting or just want to improve the performance, ride and handling of your LTD even more than you've already gained. Make sure to take a look at our Commander Lift/ Shock Relocation Kit.

THANK YOU FOR YOUR BUSINESS!

For questions or additional information feel free to call and ask for tech support or email us through our website at: rtproutv.com/contact



Show Us Your Ride!

Get a photo of your RT Pro UTV equipped vehicle and send them in for a chance to be featured in our customer gallery!