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## Coilover Brace Kit

Can Am Maverick X3 | 2017-2020

Part #: RTP5502000

Rev. 7/9/2020

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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.

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### 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.

RTP5502000		
Part #	Description	QTY
04065	RT Pro Logo Plate - Small	1
97525A430	18-8 SS Blind Rivet	4
R189	Bolt Pack - Coilover Gusset	1
099000	11.5in Nylon Cable Tie - Black	2
04628	Maverick X3 - Front Coilover Gusset Brkt	1
04629	Maverick X3 - Gusset Backer Plate	1

FITMENT NOTES

Drilling of the frame is required for install

SPECIAL TOOLS

Basic Hand Tools  
7/16" Drill Bit and Drill

INSTALLATION TIME

Approximately 2 hours  
Medium Difficulty

INSTALLATION INSTRUCTIONS

- 1. Lift the front end of vehicle and support with quality jack stands. Ensure jack stands will not interfere with bracing locations, mainly front control arms.
- 2. Remove front wheels from the vehicle.
- 3. Remove front outer plastics (6 fasteners & 8 metal clips).

Figure 1



Figure 2



Figure 3



Figure 4



- 4. Remove front hood. Pull up to remove hood.

5. Remove front plastics (12 fasteners).

Figure 5



Figure 6



Figure 7



Figure 8



Figure 9



6. Unplug headlights. (4 connectors total)
7. Carefully remove front plastics from the vehicle.
8. Remove the bolts attaching the radiator to the vehicle on the front bumper and factory front shock brace. Save hardware.



Figure 10



Figure 11



9. Support each control arm / knuckle assembly and remove the upper coilover bolts from the vehicle. Discard the factory front coilover gusset.

Figure 12



10. Drill out the two holes in the front of the factory frame underneath the radiator to 7/16".

Figure 13



11. Install the front coilover gusset with the provided 3/8" hardware through the holes drilled in the previous step. Use the coilover gusset plate on the bottom side of the frame with the 3/8" hardware. Leave hardware loose.

Figure 14



Figure 15

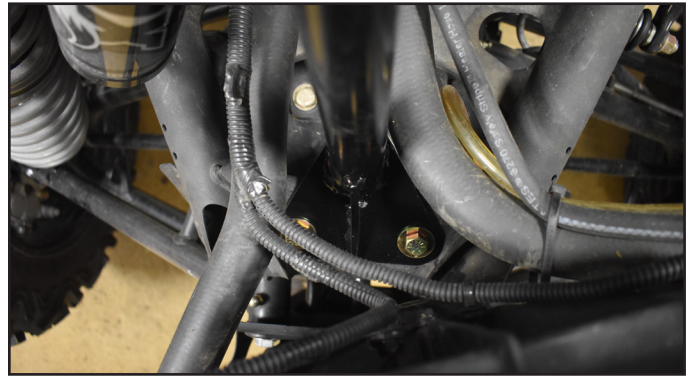
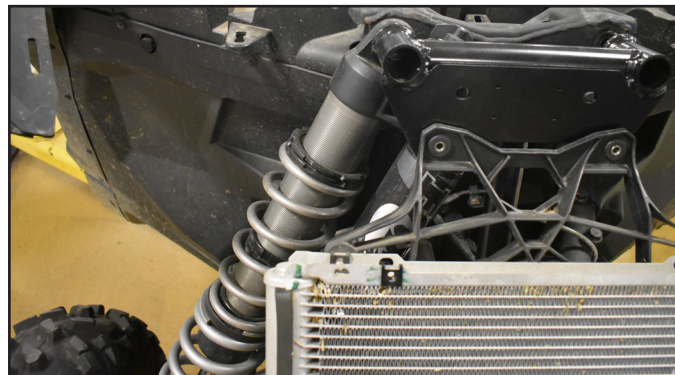


Figure 16



12. Install the coilovers to the front coilover gusset with the factory hardware.

Figure 17



13. Tighten the coilover hardware to 88 ft-lbs and the 3/8" hardware to 35 ft-lbs.

Figure 18



Figure 19





14. Ensure the coolant hose routing does not allow the hose to be cut on any sharp edge. Use the provided zip ties as needed.
15. Reinstall the radiator to the factory mount on the front bumper and mount on the new front coilover gusset.

Figure 20



16. Reinstall all body plastics in reverse order as how they were removed.
17. Rivet on the RT Pro Badge to the front coilover gusset mount (badge does not come pre-assembled to the coilover gusset so that it can be custom painted if you desire).

Figure 21



18. Check all hardware for proper torque.
19. Check hardware after 10 hours.

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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](http://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!