



Weld-In Gusset Kit

RZR 800 | All Years

Part #: 5501815

Rev. 082019

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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.

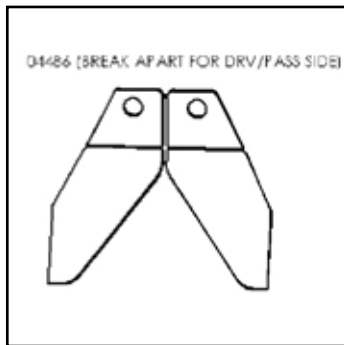
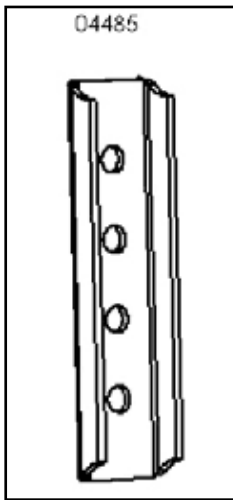
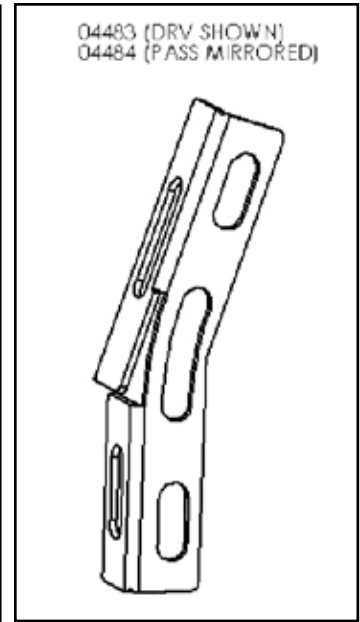
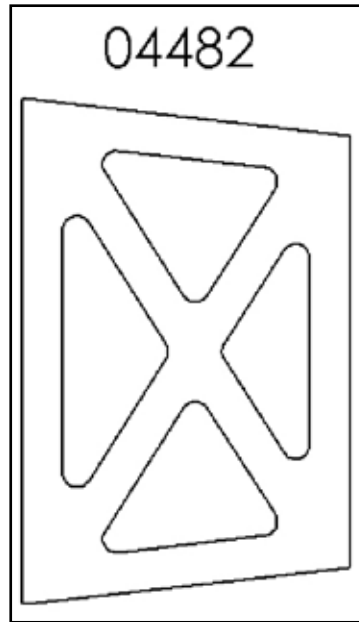
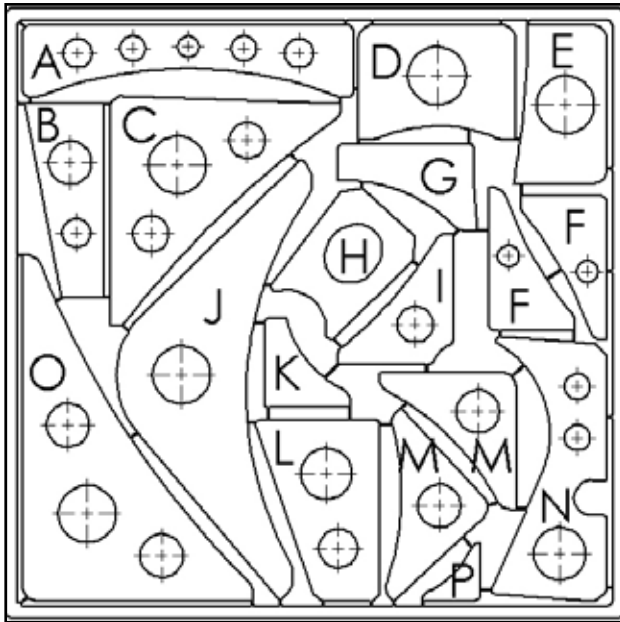
RT Pro UTV performance enhancing products will make your off-road machine stronger, tougher and safer so you can have more fun and less breakdowns.

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.



RTP5501815		
Part #	Description	QTY
04481	Breakaway Part Sheet	2
04482	Front Upper Center Plate	1
04483	Front Frame Reinforcement Drv	1
04484	Front Frame Reinforcement Pass	1
04485	Front Lower Center Gusset	1
04486	Front Upper Arm Tab Gusset	1

FITMENT NOTES

This kit is designed to fit as well as it can while working with OEM tolerances. It may require substantial fitment adjustments.

SPECIAL TOOLS

Angle grinder, MIG or TIG welder, misc. fabrication tools

INSTALLATION TIME

Approximately 8-14 hours
Hard Difficulty

INSTALLATION INSTRUCTIONS

1. Park the vehicle on clean level surface, ensure the vehicle is shifted into park.
2. Lift the vehicle and secure with jackstands. All suspension components must be removed for installation so completely lifting the vehicle is easiest rather than doing front/back separately.

Note: You just need to strip down your machine as far as you can go. The more that comes off, the easier this job is. You must have the suspension off. It helps to have the floor tub out as well. Taking the box off will ease the job for the rear too.

3. Hold up all the parts to where they need to be welded and mark the lines with a marker. Then use a grinder to remove the paint from the frame. After this you are ready to start welding.

NOTE: Be sure to always be conscious of where components end up after final installation. For example, don't weld a rear arm gusset too close to the space the arm has to cycle! Pay attention to how the machine comes apart, and if needed, temporarily reinstall components that may affect the placement of your gussets!

4. Use photos below as a guide on where each gusset is installed

FRONT:

Figure 1



Figure 2



Figure 3



Figure 4

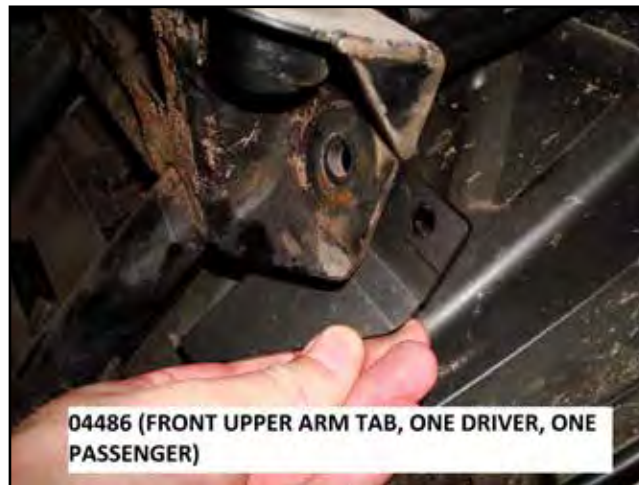


Figure 5



Figure 6



Figure 7



Figure 8



Figure 9



Figure 10

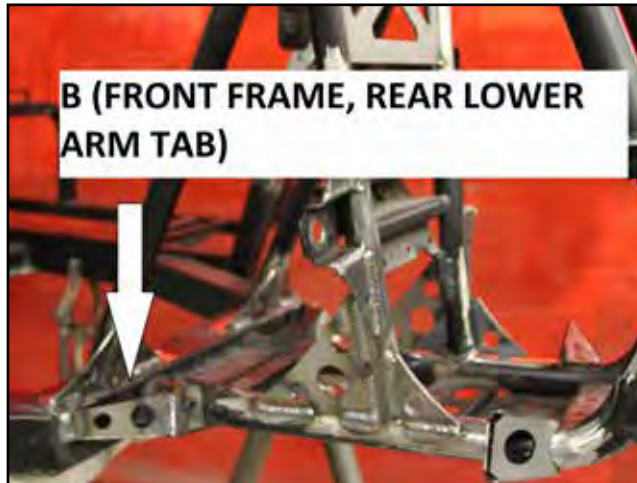
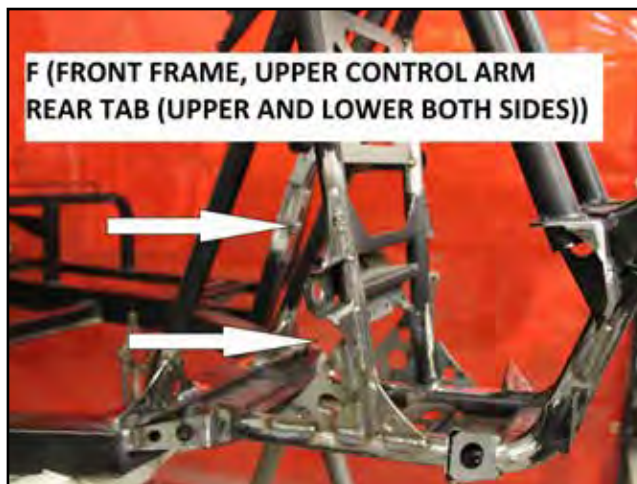


Figure 11



REAR:

Figure 12

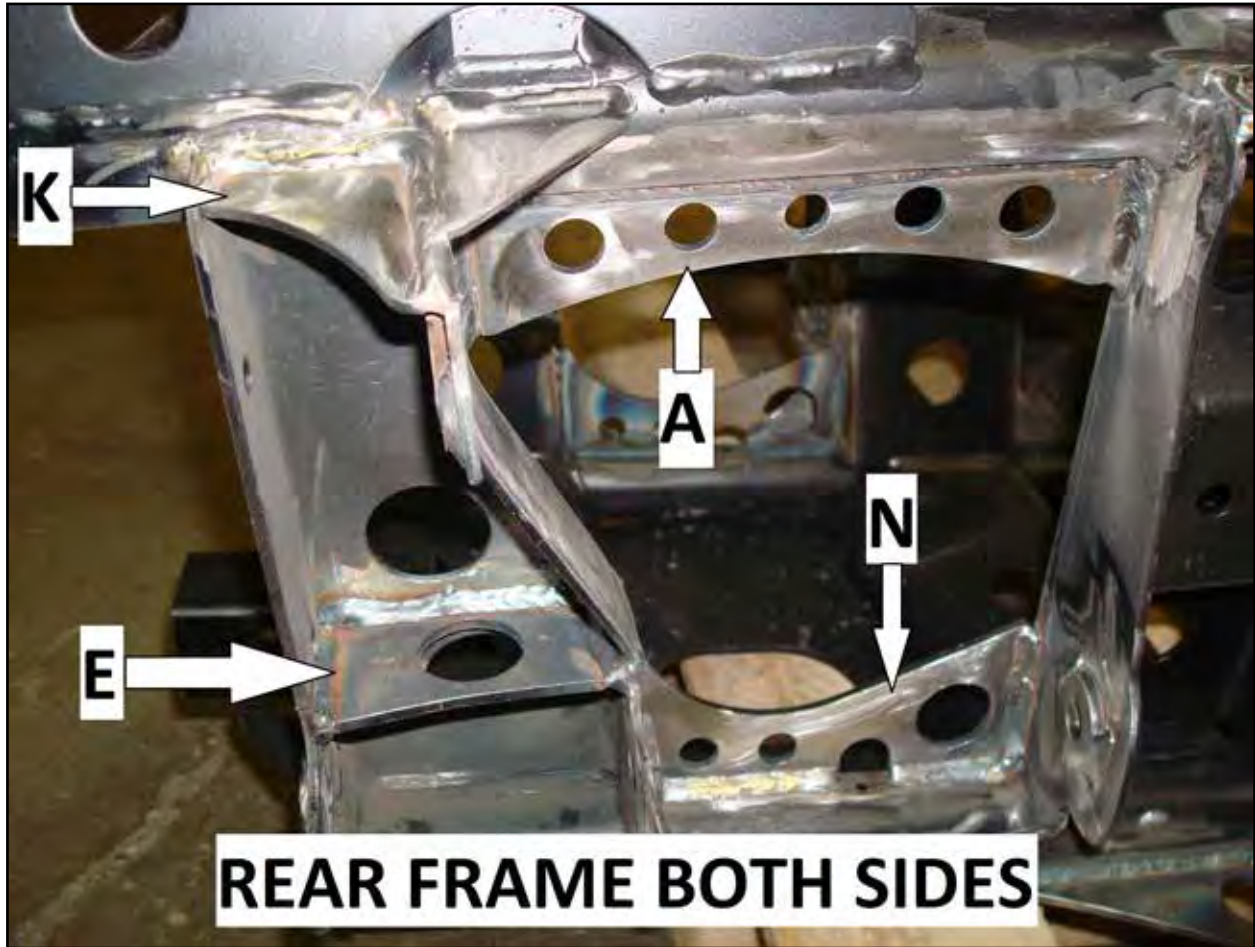


Figure 13



Figure 14



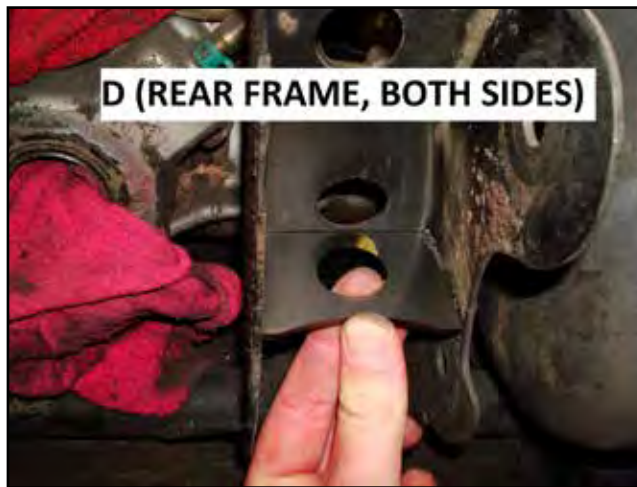
Figure 15



Figure 16



Figure 17



1. Once gussets are fully welded, paint frame to match.
2. Re-assemble vehicle, lower vehicle to the ground.

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!