



**DEFENDER**

# **Rear Chassis Re-Enforcement**

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Part #D-1000-S

**BRAZEMETALS.CA**



## This product comes with the following mounting hardware

|                                                                                   |                          |     |
|-----------------------------------------------------------------------------------|--------------------------|-----|
|  | M10 x 80mm flange bolts  | x2  |
|  | M10 x 90 mm flange bolts | x2  |
|  | M10 flanged lock nuts    | x4  |
|  | M8 x 25mm bolts          | x6  |
|  | M8 flat washers          | x12 |
|  | M8 Lock nut              | x6  |

## You will need the following tools

|                                                                                     |                          |                                                                                     |                            |
|-------------------------------------------------------------------------------------|--------------------------|-------------------------------------------------------------------------------------|----------------------------|
|  | Ratchet or impact driver |  | Drill bits: 3/16" and 3/8" |
|  | 15mm socket              |  | Floor jack                 |
|  | 15mm wrench              |  | 13mm socket                |
|  | 13mm wrench              |  | Power drill                |

### INSTALLATION TIME



Approximately 1 Hour

### EXPERT TIP



Apply Never-Seez to stainless steel bolts during installation





## INSTALLATION INSTRUCTIONS

# STEP 1

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Safely lift the rear of the UTV using a floor jack.





## INSTALLATION INSTRUCTIONS

# STEP 2

Using a 3/16" drill bit, drill out the 6 factory rivets.

\*Disregard factory re-enforcement

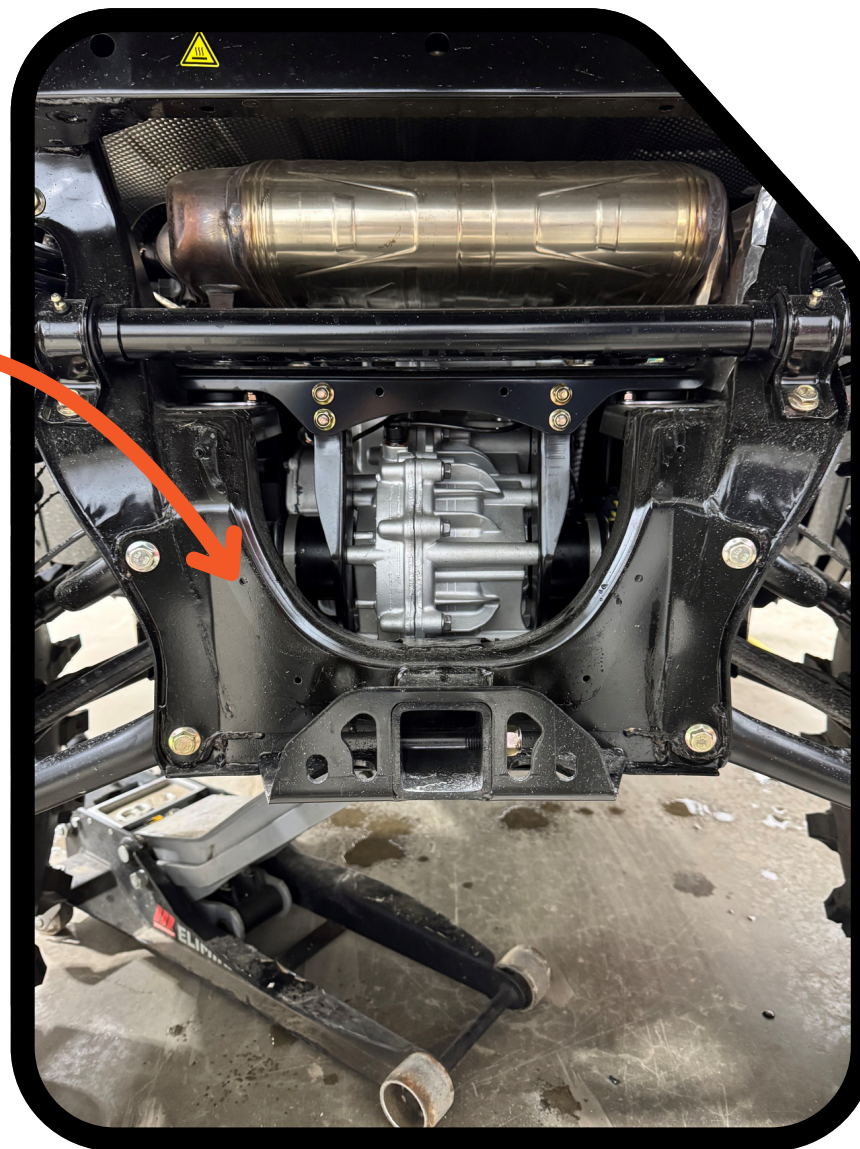




## INSTALLATION INSTRUCTIONS

# STEP 3

Enlarge the 6 rivet holes by drilling them out with a 3/8" drill bit.

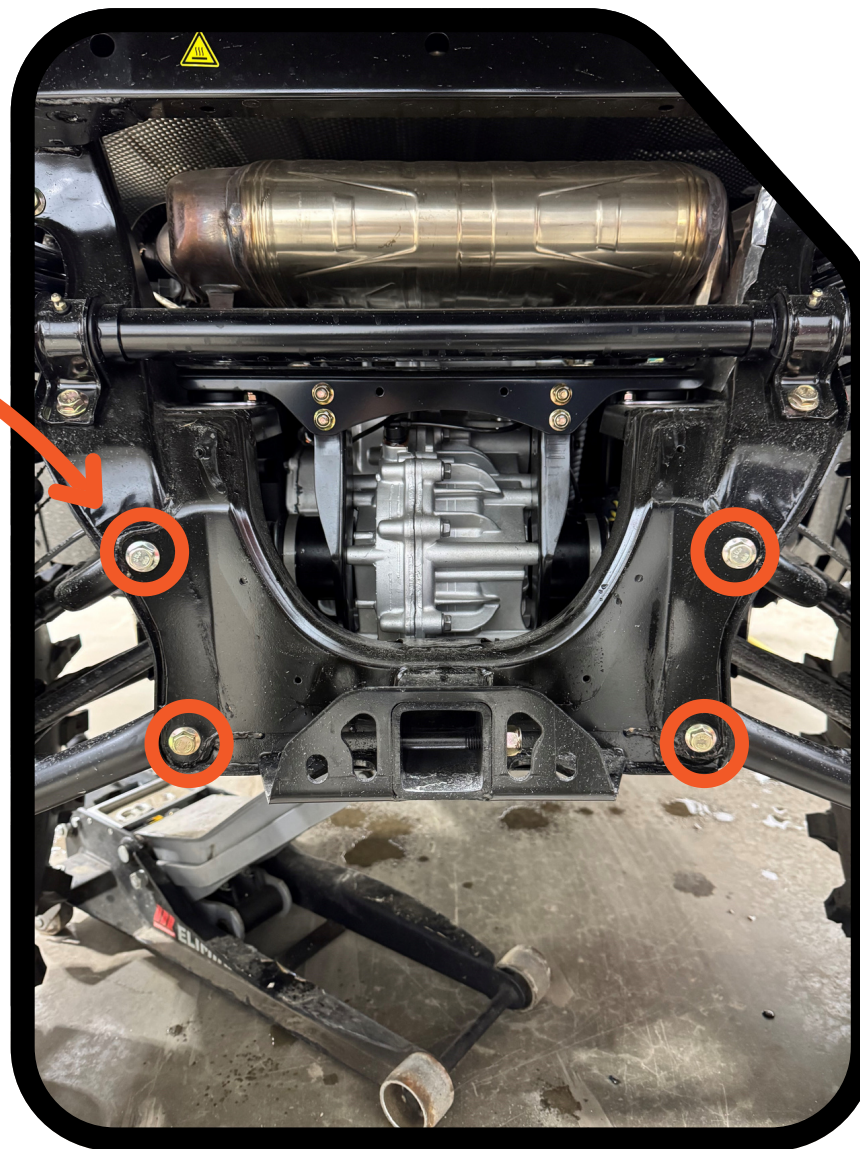




## INSTALLATION INSTRUCTIONS

# STEP 4

Remove the 4 factory rear A-arm bolts;  
these will not be reused.

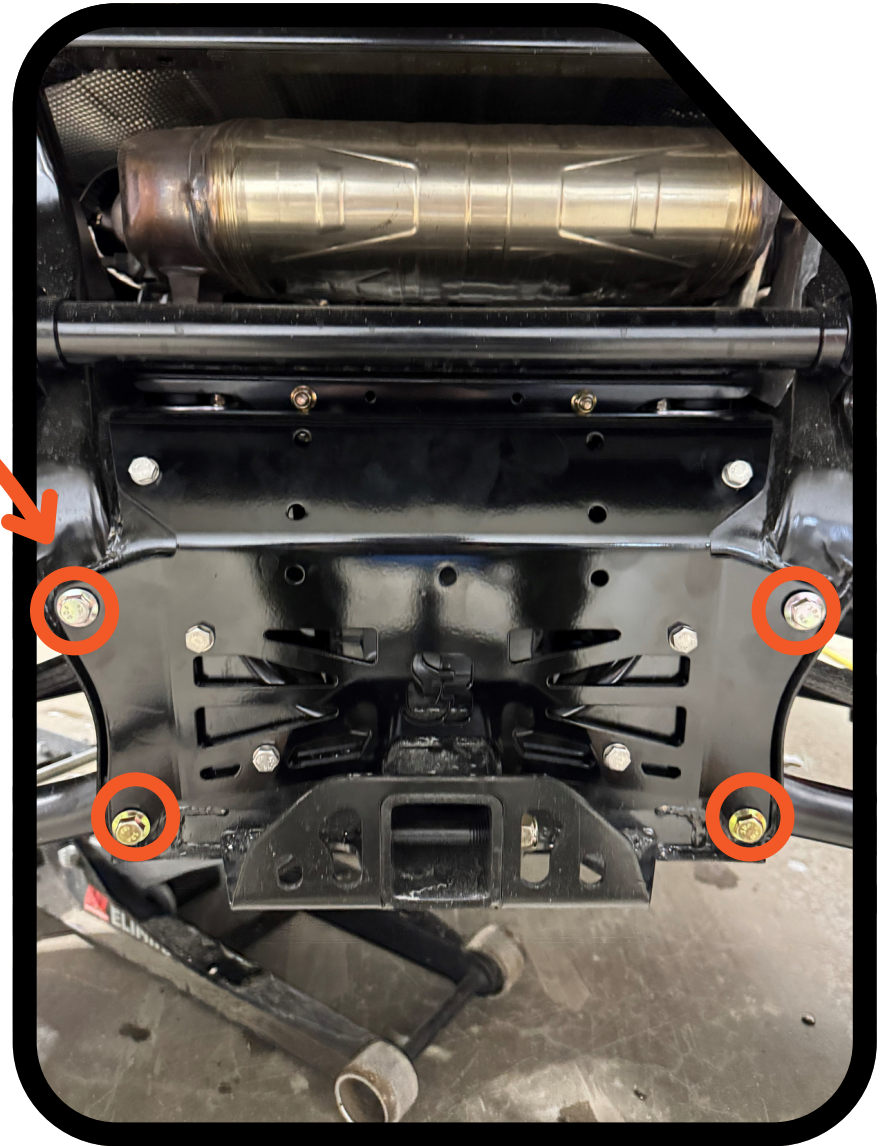




## INSTALLATION INSTRUCTIONS

# STEP 5

Install the Chassis re-enforcement using the M10 x 90mm flange bolts and M10 flanged lock nuts, loosely tightened to secure the lower A- arm. Use M10 x 80mm flange bolts and M10 flanged lock nuts to loosely secure bolts to the upper A-Arm.

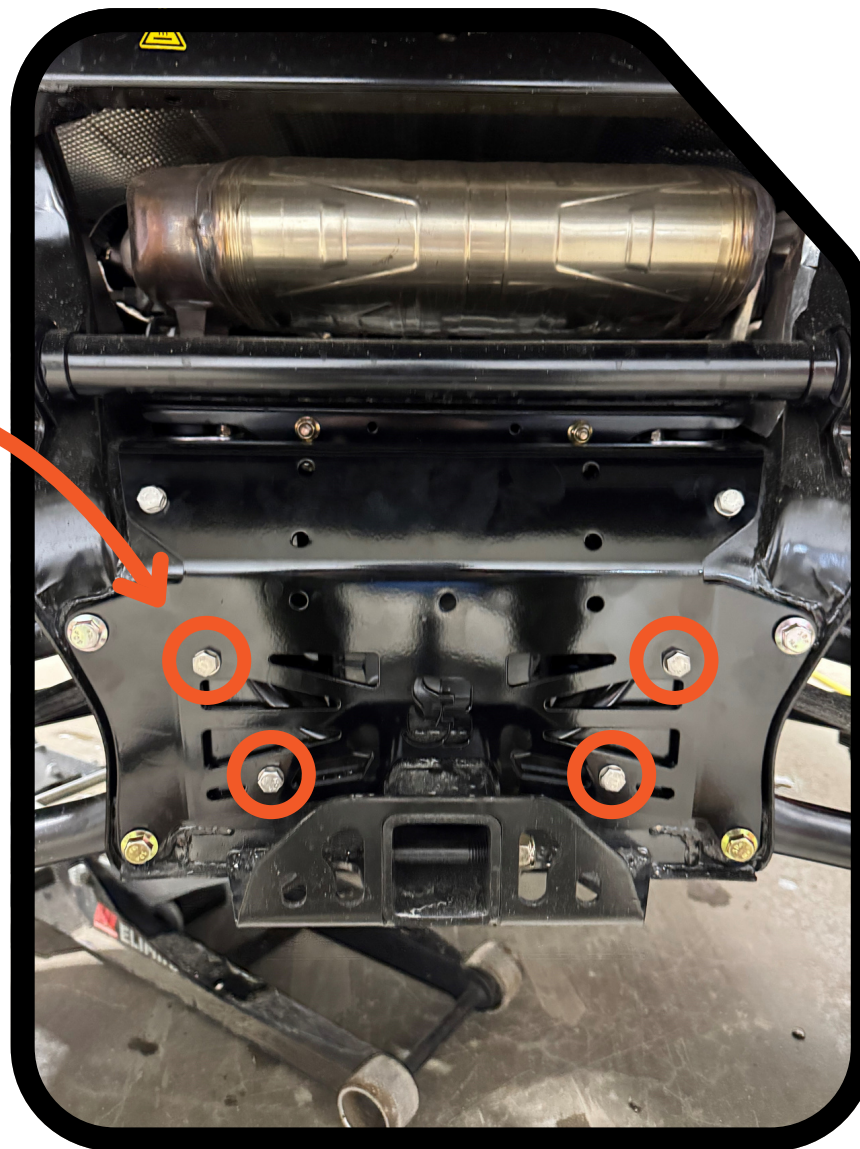




## INSTALLATION INSTRUCTIONS

# STEP 6

Install the M8 x 25mm bolts with flat washers—one washer on each side of the mounting surface—and place with M8 lock nuts in the newly drilled rivet holes.





## INSTALLATION INSTRUCTIONS

# STEP 7

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Tighten all hardware and torque M10 X 80 and M10 x 90 bolts to  $55 \pm 4$  ft-lbs ( $75 \pm 5$  N·m) per specifications.

### **INSTALLATION OR PRODUCT QUESTIONS?**



Call 705-319-2155

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