

ART-124 Installation Instructions

Rear Trailing Arms Mount Frame Kit



Wrangler TJ
1997-2003



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Auto Rust Technicians

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We make it easy to make it safe!

This patented Safe-T-Cap™ kit is designed to slip over the stock frame providing you with the affordable DIY solution to serious frame rot issues. Safe-T-Cap™ kits maintain factory dimensions and mounting points while bringing your frame back to a strong, safe and secure state with new, mig-welded steel. Safe-T-Cap™ frame repair kits are guaranteed to fit factory stock frames and are designed and manufactured in the USA.

READ “Instructions for Installing” Safety Sheet BEFORE starting the repair!

CAUTION! If you are not fully confident doing the installation yourself, have a professional welder install it, or at least have one inspect your repairs before you finish coat your Safe-T-Cap™ installation.

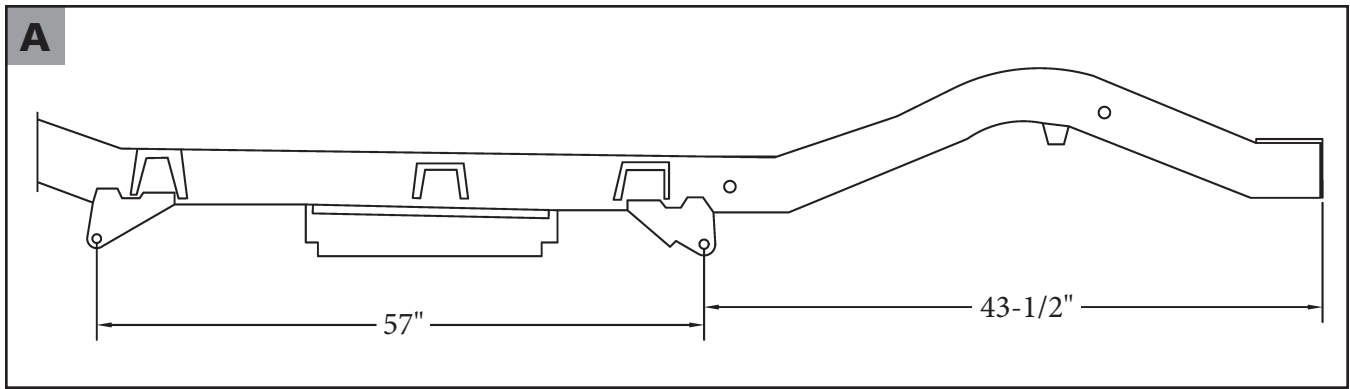
1. Jack up all 4 corners of your Jeep and support it safely on 4 quality jack stands. Add 2 more under the rear bumper/crossmember if possible. *(Skip this step if you're working on a lift)*
2. Remove both rear wheels.
3. Using a floor jack, support the rear differential assembly.
4. Unbolt and remove the upper and lower trailing arms. Repair one side at a time, this will keep rear end in the factory correct position and not allow it to twist... *safety first!*
5. Transfer a mark from one of the original bolt hole locations to the frame above where you are cutting. Allow a minimum of one inch for overlap. [Illustration - A]
6. Cut away the rusted area using a plasma cutter, reciprocating saw, or a torch. [Illustration - B]
7. Set the kit in place; roughly mark the area where you will be welding.
8. Grind the areas clean where your marks are, grinding down to bare, clean metal.
9. Slide kit over frame using measurements from diagram to locate it correctly. [Illustration - C]
10. Make sure kit is in correct location. Double check your measurements; from the forward trailing arm mount to the NEW rear lower trailing arm mount is 57 inches. Measure and tack it in place. Final inspect your set up, then weld all edges solid. [Illustration - C]
11. Prime and paint the repaired area.
12. Install upper and lower trailing arms using supplied bolts and use Loctite® or similar on all nuts.
13. Double check that all your welds are solid. Make sure all the trailing arm bolts are tightened. Visually inspect that the repaired area is secure, safe and solid.
14. Mount wheels, lower Jeep and test drive.
15. Inspect after one day or one mile, then monthly.

Thank you for using our Safe-T-Cap™ products. We appreciate your business.

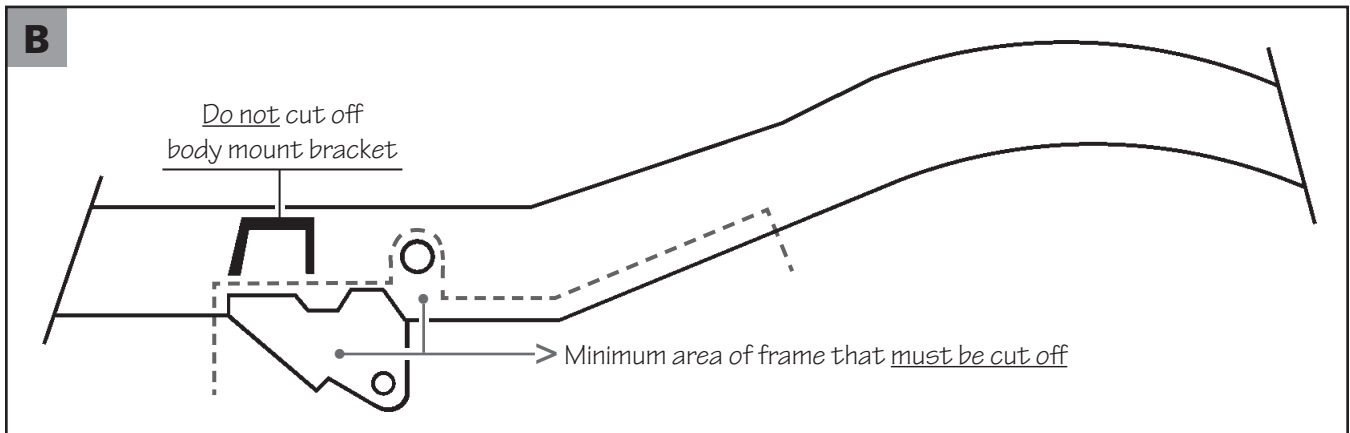


frame repair kits

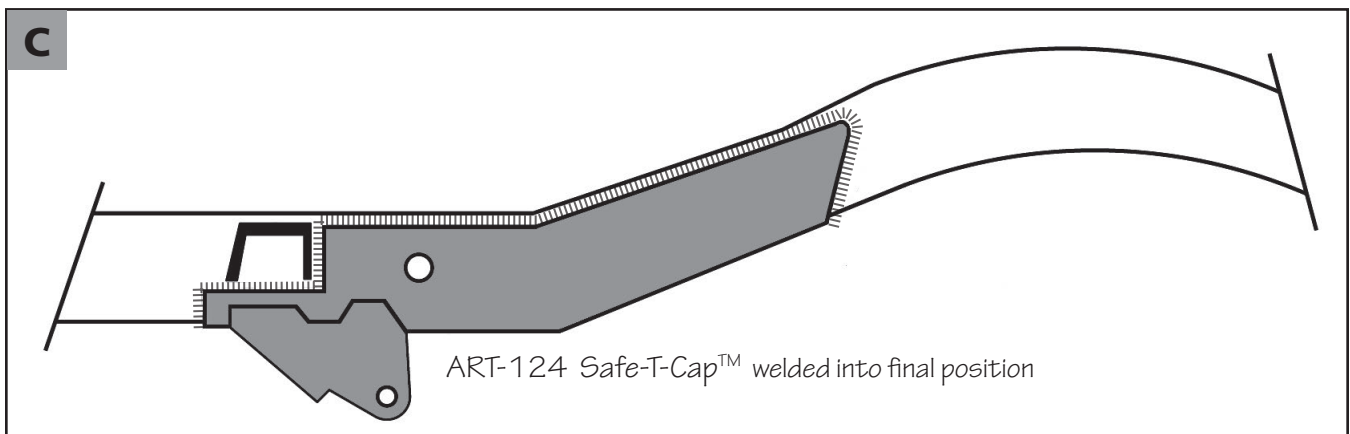
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Start by measuring the distance between holes centers of the front and rear trailing arm mounts, be as accurate as possible and record for exact fit. These measurements are key for factory correct alignment of your new Safe-T-Cap™ and proper suspension performance.



Use your new Safe-T-Cap™ as a guide and marker or chalk out a basic fit placement, then cut out frame 1 inch below the reference lines. Grind the remaining area clean and position the Safe-T-Cap™ in place with measurements referenced in Illustration - A.



Fit Safe-T-Cap™ tight up into frame. Measure again and tack weld corners in place. Once satisfied with position and appearance, weld all edges 100% solid. Move the bead area around to avoid overheating.



Warranty Notice: Safe-T-Cap™ Frame Repair Kits are precision made to fit FACTORY STOCK FRAME dimensions and WILL NOT FIT as designed on any MODIFIED or ALTERED FRAMES. We offer NO GUARANTEE of fit on MODIFIED, ALTERED or OFF-ROAD vehicles. NO PRODUCT RETURNS on kits that have been altered in any manner from OUR PATENTED DESIGNS. Our repair kits are designed for NORMAL USAGE/WEAR set to factory specs.

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