



**ART-129**  
**1997-2006**  
**WRANGLER TJ**  
**Rear of Front Frame Kit**

**IMPORTANT:** Read and understand the General Instructions  
**Before** Installing SafeTCap® Frame Repair Kits

## Installation Instructions

- 1)** Jack up the front end of your Jeep and support it on quality jack stands. Chock the rear tires.
- 2)** Remove the front wheel on the side to be repaired. Take measurements from lower trailing bolt center in front to lower trailing arm bolt center in rear, write it down.
- 3)** Disconnect front upper and lower trailing arms on the side to be repaired.
- 4)** Remove upper and lower trailing arm mount.  
**4 CYLINDER MODELS** require the motor mount to be separated from the upper trailing arm mount first, before cutting off the trailing arm mount.  
**6 CYLINDER MODELS** require the bottom weld of the exhaust manifold hanger bracket to be cut and the bracket pulled out away from the frame.
- 5)** Cut and remove the rusted area of the frame allow 1" overlap for welding.

**6)** Test fit your ART-129 by sliding it over the frame. Check your measurements [Illustration - A] and the position of the trailing arm mounts by connecting the trailing arms temporarily.

**7)** Remove the ART-129. Then clean and grind the area to be welded down to bare metal.

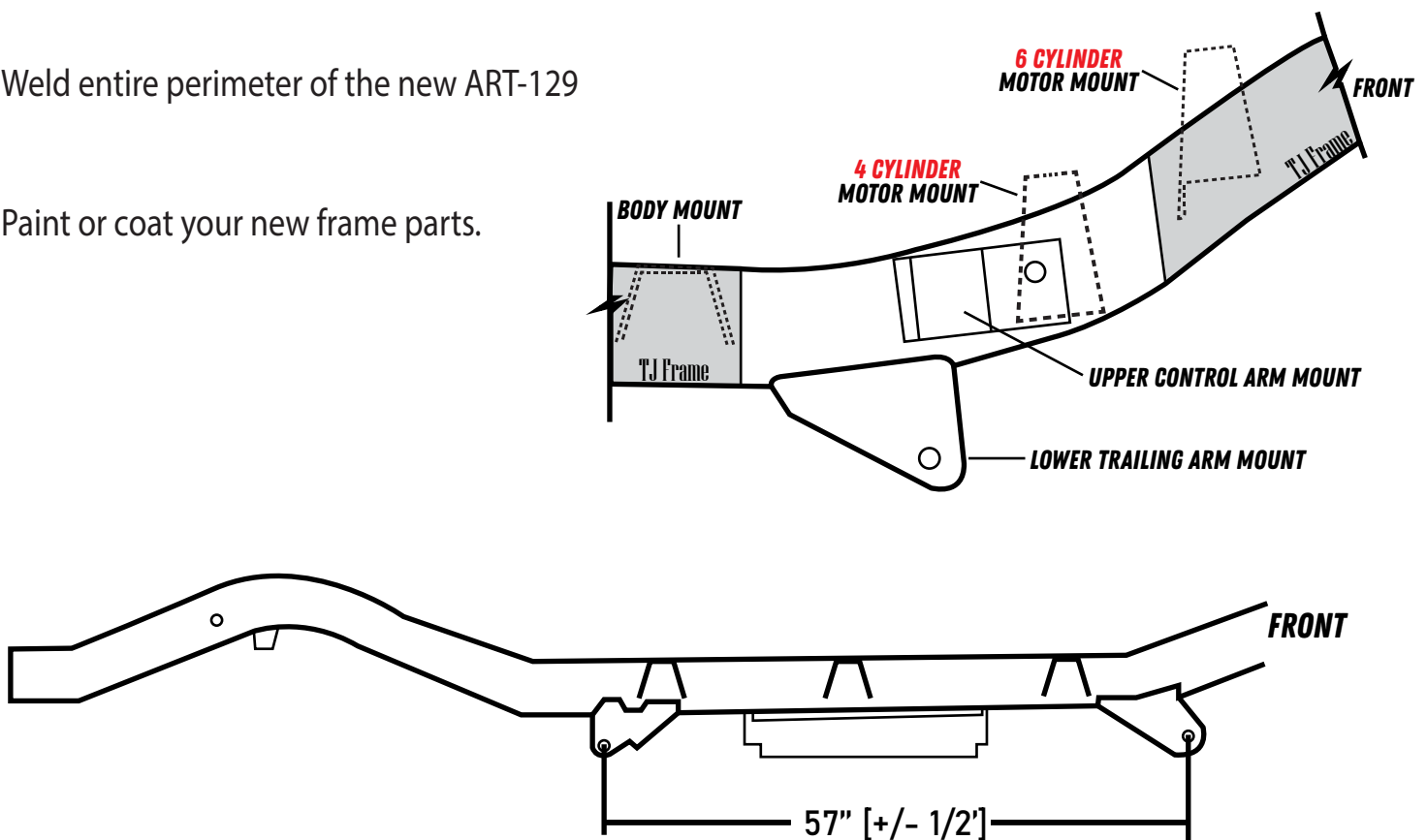
**8)** Place the new ART-129 in position and test trailing arm mount location (upper and lower). When satisfied with fit, tack weld ART-129.

**9)** Next,

**4 CYLINDER MODELS:** Re-weld motor mount **6 CYLINDER MODELS:** Re-weld manifold bracket

**10)** Weld entire perimeter of the new ART-129

**11)** Paint or coat your new frame parts.



**THESE ARE FACTORY STOCK TJ FRAME DIMENSIONS, THE EXACT LOCATION OF YOUR BODY AND TRAILING ARM MOUNTING HOLES MAY VARY SLIGHTLY.**