



Phone (209) 400-7200 Fax (209) 943-7923 www.wildhorses4x4.com

Drop Strut Arm Brackets

#1605 Date 03/04/05 rev. 0

NOTE: It is recommended all welding be done by a certified welder. LH 7018 or comparable rod is recommended. DO NOT CUT OFF THE STOCK BRACKETS OFF THE FRAME.

1. Before installing the drop brackets, all other lift kit hardware should be installed and front end caster measured. The ideal caster reading for the Bronco is between +3.5 and +4.5 degrees. If the reading is less than +3.5 degrees continue with the installation of the drop brackets. It is strongly recommended the old radius arm bushings be replaced with the Wild Horses bushings to ensure maximum performance.
2. Move the Bronco to a flat and level area, disconnect the battery, and block the rear wheels.
3. Place a jack under the frame and raise the front of the Bronco until most of the weight is off the wheels but the wheels are still touching the floor. Place jack stands under the frame rails approx. 7" behind the radius arm bracket.
4. With a wire brush, scraper, etc., thoroughly clean the frame rail where the new drop arm bracket and gusset will be welded on.

WARNING: ALL NECESSARY PRECAUTIONS MUST BE TAKEN TO INSURE SAFETY. THE BRACKETS ARE LOCATED NEAR THE FUEL LINE MOUNTED ON THE FRAME RAILS AND THE AUX. FUEL TANK. THE FUEL TANK MUST BE REMOVED AND THE FUEL LINES MUST BE RELOCATED TO PREVENT FIRE DURING ALL WELDING OPERATIONS.

5. Remove the aux. fuel tank. Loosen the clips that hold the fuel line to the frame rail. Pull the lines away from the frame rails and secure them so they will not interfere with the installation of the drop bracket.
6. Remove the cotter pin, nut and washer that retain the radius arm to the radius arm bracket. Slide the front axle forward enough to free the radius arm..
7. Position the new drop bracket on the original drop bracket.
8. Weld the drop bracket at all contact points shown in Figure 1.

NOTE: All welding should be done prior to the installation of the bushing to prevent damage to the bushings.

9. Position the gusset plate "A" and weld in per Figure 2.
10. Move the front axle back in to position on the new drop bracket.
11. Install the rear bushing on the radius arm stud and secure it with the original nut. Torque the nut to 80 – 120 ft-lbs. **DO NOT OVER TIGHTEN THE BUSHING.** The bushing should not be compressed more than a 1/4" to function properly. Insert the cotter pin on the end of the radius arm stud.
12. Both sides are installed in the same manner.
13. Reinstall the aux. fuel tank. Reposition the fuel lines to the frame rail. Check for fuel leaks.
14. Recheck all mounting hardware for tightness.
15. Remove the jack stands.
16. Carefully test drive the Bronco. We advise rechecking the caster to verify that it is within ideal range.

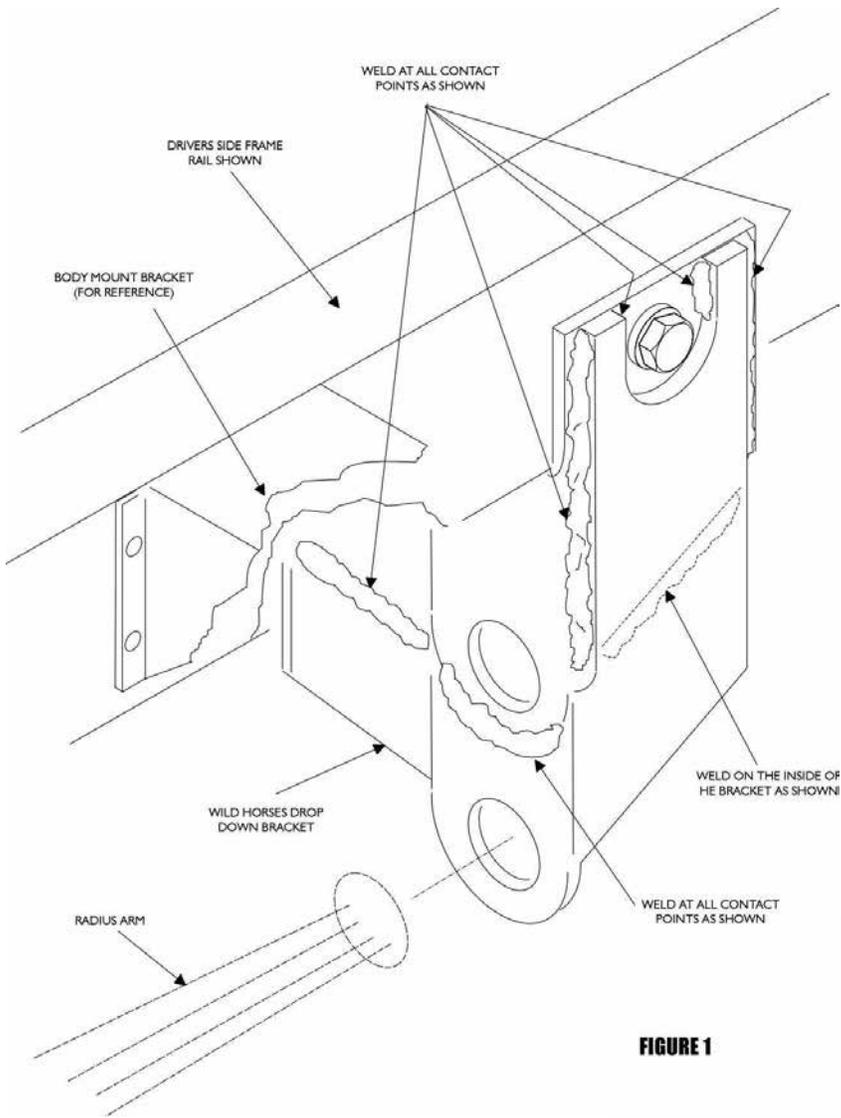


FIGURE 1

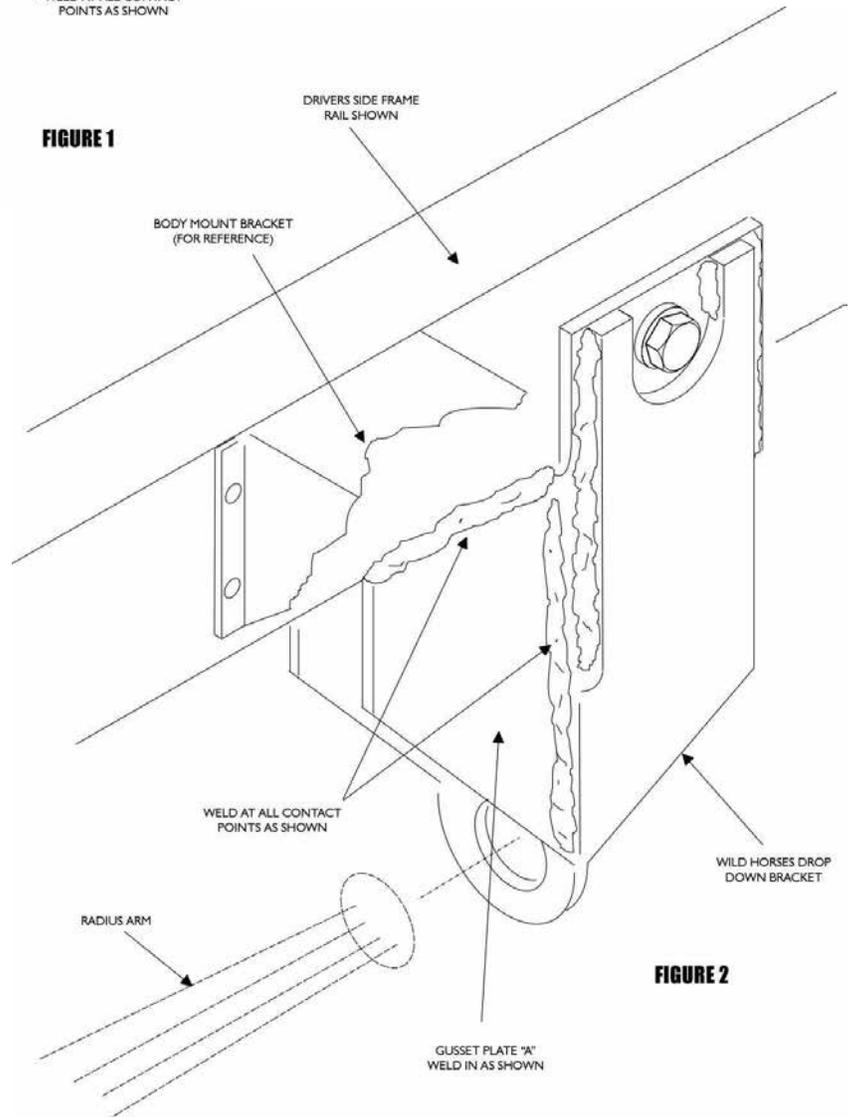


FIGURE 2