



## INSTALLATION INSTRUCTIONS PART NO. 30201, 20102

### 2005 – 2011 MUSTANG TORQUE BOX BRACE / SUB FRAME CONNECTOR

Thank you for your purchase from Lakewood Industries. For technical assistance, please call 216-688-8300 Monday thru Friday 8:30 AM to 5:00 PM EST.

**WARNING: DUE TO THE TECHNICAL NATURE OF THIS PRODUCT, AND SPECIALIZED EQUIPMENT, PROFESSIONAL INSTALLATION IS RECOMMENDED.**

**CAUTION: THIS INSTALLATION REQUIRES WELDING OF PRODUCT TO VEHICLE. WELDING SHOULD BE PERFORMED BY A TRAINED OR COMPETENT OPERATOR. ALL WELDING SAFETY PRECAUTIONS SHOULD BE FOLLOWED WHILE WELDING ON THIS OR ANY VEHICLE. BE CERTAIN TO CHECK FOR FUEL OR FUEL VAPOR LEAKS PRIOR TO WELDING ON THIS OR ANY VEHICLE. KEEP A SHORT CURRENT LOOP BY PLACING GROUND CLAMP AS CLOSE TO WORK AS POSSIBLE. DISCONNECT NEGATIVE BATTERY CABLE.**

**CAUTION: INSTALLATION OF THIS PRODUCT REQUIRES WORKING UNDER THE VEHICLE. IT IS THE RESPONSIBILITY OF THE INSTALLER TO ENSURE A SAFE WORKING ENVIRONMENT. THE USE OF AN AUTOMOTIVE LIFT IS RECOMMENDED. MAKE SURE THAT THE VEHICLE IS SAFELY SUPPORTED AND ALWAYS USE JACK STANDS. ALWAYS WEAR SAFETY GLASSES.**

#### Section I

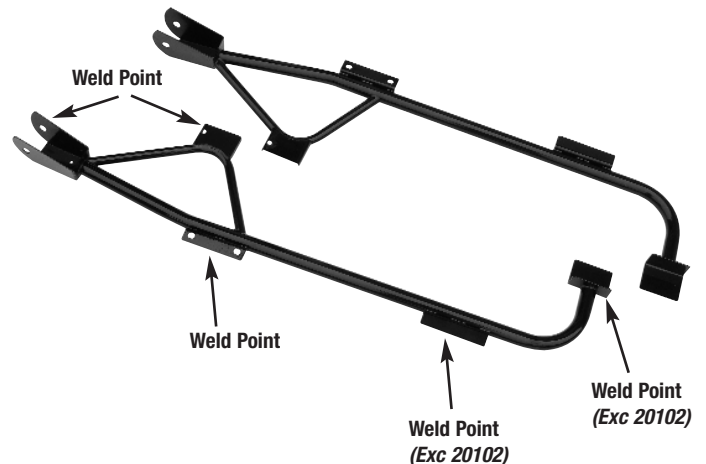
1. Disconnect emergency brake cable from both rear spindle assemblies and remove fastener that secures emergency brake cable to lower trailing arm mounting point on body.
2. Remove lower trailing arm from vehicle.
3. Remove plastic road debris deflectors which are located just forward of lower trailing arm body mounting point.
4. Bend speed nut tabs down (flatten) on front trailing arm mounting point.
5. Place torque box brace into place and secure outer and inner brackets with appropriate fasteners provided in installation kit.
6. Identify weld points for joining brace to body then remove brace and clean these surfaces in preparation for welding.
7. Replace brace and secure with appropriate hardware as in step # 4.
8. Replace lower trailing arm into vehicle and using 14mm bolt, hex nut and steel spacer bushings provided assemble as shown in illustration.

**Note: reinstall factory hardware on lower trailing arm rear mount on axel housing.**

9. Hand tighten all fasteners.

#### Section II – Welding

1. Weld brace to body at locations indicated by arrows in illustration.
2. Reattach emergency brake cable to spindle assembly and fasten brake cable bracket to provision in torque box brace.
3. Use a threadlock such as loctite on the 14 mm hex nut used at the trailing arm body mounting point and fully tighten.
4. Fully tighten all fasteners.



**LAKWOOD CHASSIS AND SUSPENSION PRODUCTS ARE ENGINEERED AND MANUFACTURED TO IMPROVE THE PERFORMANCE OF YOUR VEHICLE. WE ENCOURAGE YOU TO ENJOY USING OUR PRODUCTS SAFELY AT A SANCTIONED RACING FACILITY. PLEASE OBEY ALL TRAFFIC LAWS.**



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