



These instructions can be found in color and expandable at QA1.net

Technical Support Line: (952) 985-5675 Email: sales@QA1.net

INSTALLATION INSTRUCTIONS

QA1 P/N 5210, 5211 & 5212 Tubular Braces

1978-1988 GM A/G- Body, 1968-1972 GM A-Body, 1964-1967 GM A-Body

TOOLS AND SUPPLIES REQUIRED

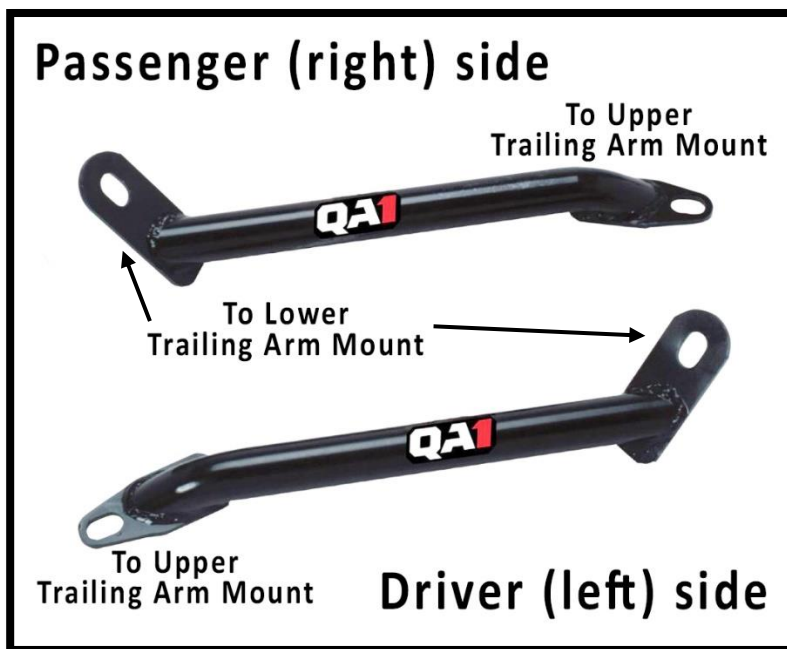
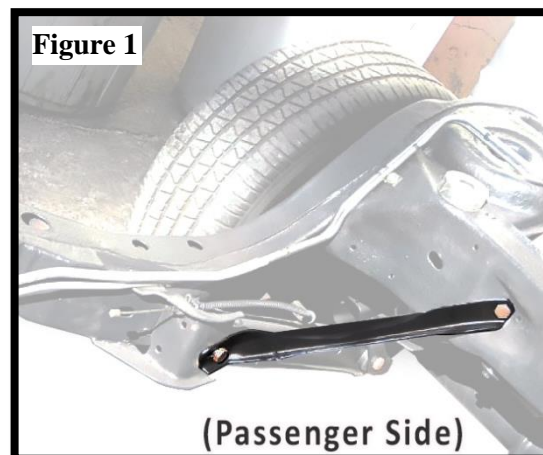
- Floor Jack
- Jack Stands
- 18mm, 19mm and 3/4" Sockets and combination Wrenches
- Torque Wrench
- Tire Chocks
- Blue Loctite™

Note: Frame braces are designed to tie the forward upper and lower trailing arm mounts together for increased frame strength. Some GM applications came with stamped steel frame braces from the factory. (Figure 1)

Removal

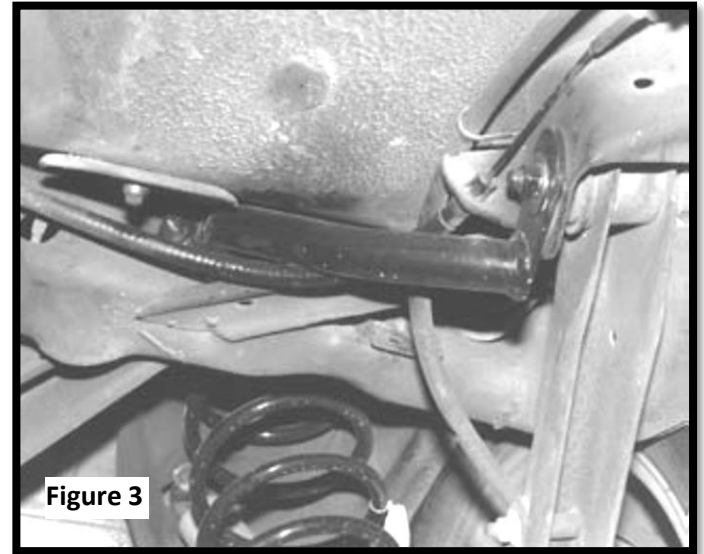
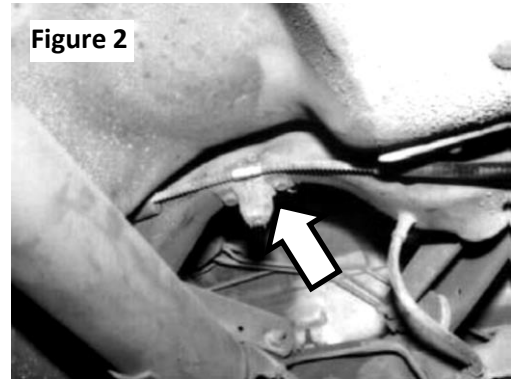
1. Place the vehicle on a level surface and place tire chocks in front of and behind front tires.
2. Support the rear of the vehicle on jack stands under the frame rails. The floor jack can be left under the rear differential as it will be needed throughout the installation process.
3. Removal of the shock absorber lower mounting hardware and rear springs. This will allow easier access to the upper trailing arm bolts.
4. Loosen the trailing arm nuts at the frame for the upper and lower trailing arms. Do not remove the bolts at this time.
5. With a floor jack under the differential, raise the jack slightly to remove tension from the trailing arm bolts – Make sure not to lift the car off the jack stands. The trailing arm bolts provided in the kit are longer than the OE bolts and must be used with the frame braces.

Note: Replace only one bolt at a time to prevent the differential from rotating. The bolts should be easy to push in or out when correct ride height is obtained. The differential may need to be raised or lowered slightly to find the best position.



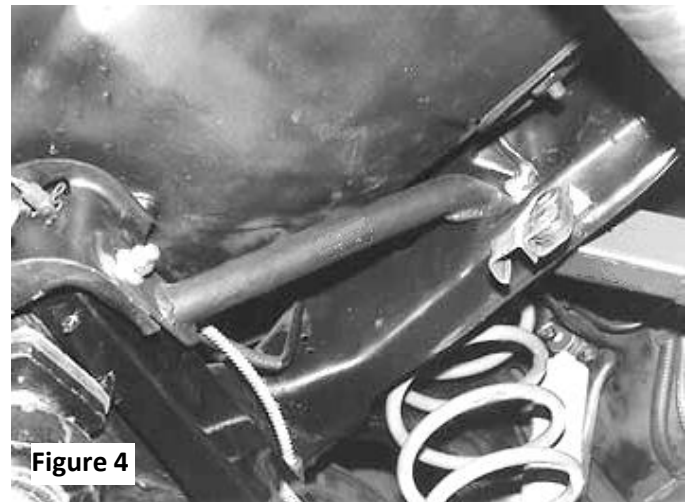
Installation of P/N 5210

1. Remove the bolt holding the emergency brake cable bracket and move the brake cable out of the way. See **Figure 2**.
2. Install the new upper trailing arm bolt provided with a flat washer against the bolt head into the left frame rail with the threads facing in towards the center of the vehicle.
3. Place the spacer over the bolt and then install the brace with two bends on the left side of car with triangular shaped tab up. Loosely install a flat washer and nut. See **Figure 3**.
4. Install a new bolt in the front mount of the lower trailing arm followed by the brace washer and nut. Adjust the brace so it does not hit the floor of the vehicle and snug the nuts. Do not torque at this time.
5. The right side brace has one bend. Install the right side brace following the same procedure as above.
6. Reinstall the emergency brake cable.
7. Reinstall springs and shocks if they were removed.
8. Raise the rear differential with the floor jack until the vehicle is just off of the jack stands. *Note: Do not remove jack stands.* Torque all nuts to 70 lb. ft. with Loctite™ thread locking compound on the threads.
9. Remove the jack stands and lower the vehicle.



Installation of P/N 5211 & 5212

1. Install the new upper trailing arm bolt provided with a flat washer against the bolt head into the left frame rail with the threads facing in towards the center of the vehicle.
2. Both Braces have only one bend and will only fit one way. Install the brace with the triangular shaped tab up followed by a flat washer and nut.
3. Install a new bolt and washer in lower trailing arm and brace followed by a washer and nut. Adjust so the brace does not hit the floor of car and snug the nuts. Do not torque at this time.
4. Install the right side brace following steps 1-3. See **Figure 4**.
5. Reinstall the springs and shocks if they were removed.
6. Raise the rear differential with the floor jack until the vehicle is just off of the jack stands. *Note: Do not remove jack stands.* Torque all nuts to 70 lb. ft. with Loctite™ thread locking compound on the threads.
7. Remove the jack stands and lower the vehicle.



READ ALL INSTRUCTIONS CAREFULLY AND THOROUGHLY PRIOR TO STARTING INSTALLATION. PRODUCTS THAT HAVE BEEN INSTALLED ARE NOT ELIGIBLE FOR RETURN. USE THE PROPER JACKING LOCATIONS. DEATH OR SERIOUS INJURY CAN RESULT IF INSTRUCTIONS ARE NOT CORRECTLY FOLLOWED. A GOOD CHASSIS MANUAL, AVAILABLE AT YOUR LOCAL PARTS STORE, MAY ALSO AID IN YOUR INSTALLATION.

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