

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

## INSTALLATION INSTRUCTIONS

QA1 P/N 5289 Panhard Bar

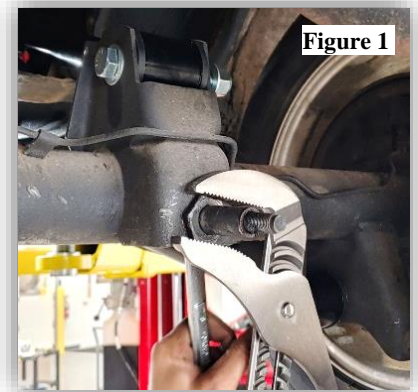
'65-'70 Chevrolet Impala, Caprice, Belair, Biscayne

## TOOLS AND SUPPLIES REQUIRED

- Floor Jack
- Jack Stands
- Anti-seize
- Tire Chocks
- SAE Socket/Wrench Set
- Torque Wrench

### DISASSEMBLY:

1. Place the car on a level surface and place tire chocks in front of and behind the front tires.
2. Support the rear of the car on a stable surface with jack stands.
3. Remove the bolts at each end of the factory panhard bar and remove the panhard bar from the vehicle.
4. Remove the factory panhard bar stud from the axle as it will no longer be needed. **(Figure 1)**



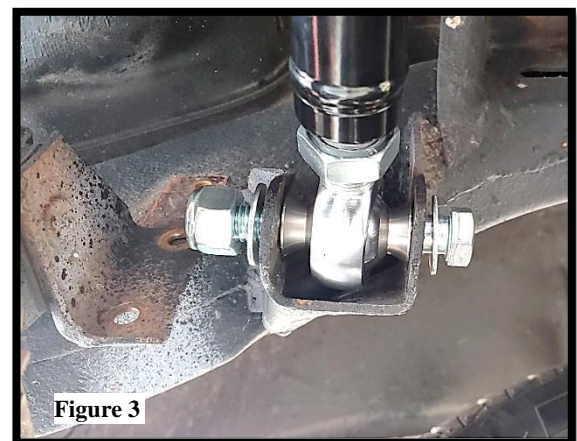
### PRE-INSTALLATION NOTE:

Measure the center to center distance of the factory panhard bar for reference. The QA1 panhard bar should be adjusted to the same length as the factory bar before further adjustment to center the axle. The OE measurement is 39-15/16".

### INSTALLATION:

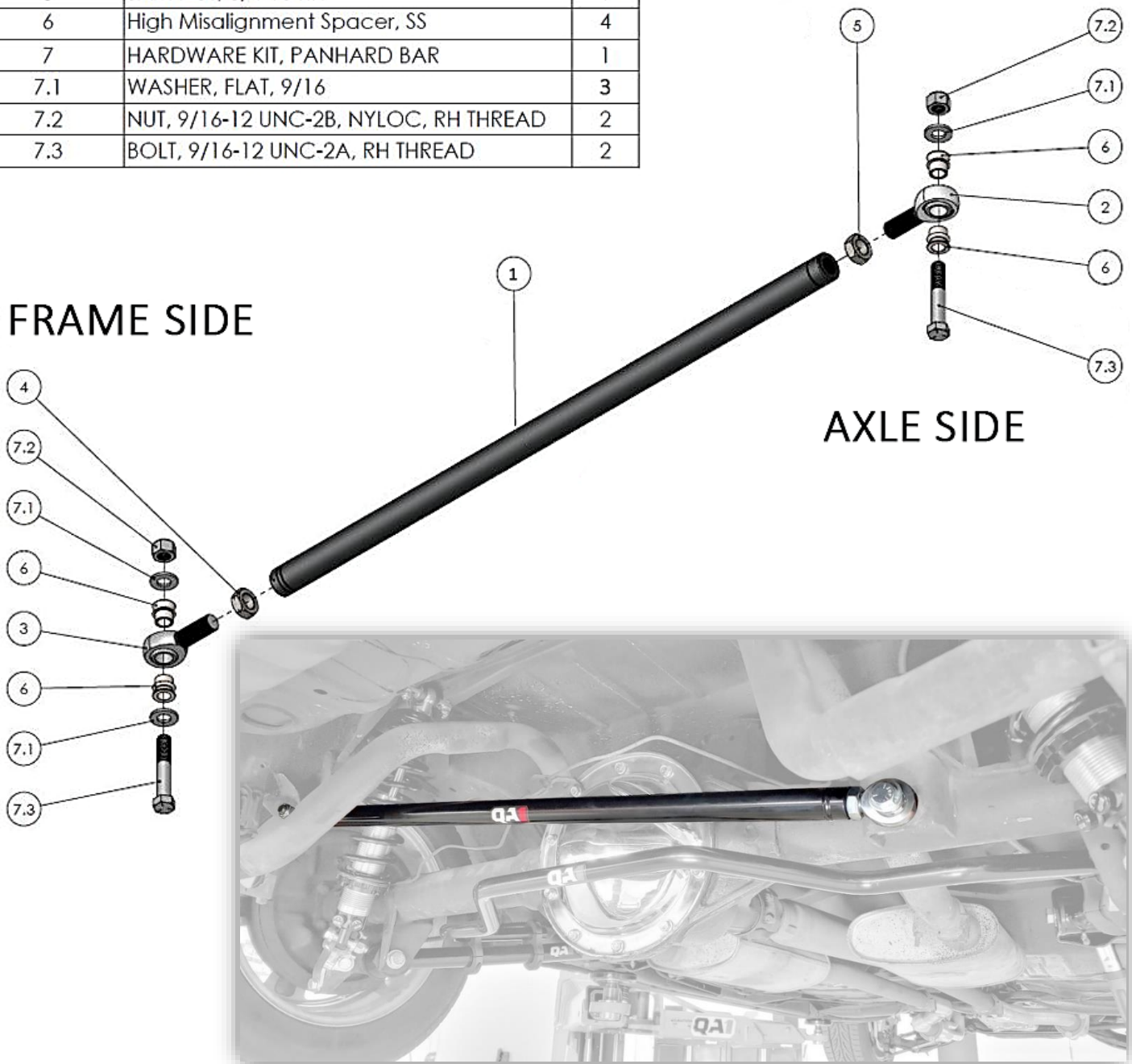
**NOTE:** Part number references identified on the exploded diagram on page 2.

1. Identify the right and left hand threaded jam nuts (#4/5) and 3/4" rod ends (#2/3). Thread the appropriate jam nut onto each rod end.
2. Identify the right and left hand threaded end of the panhard bar (#1.1). Apply anti-seize to the threads and thread each rod end **all the way** into the correct end of the panhard bar.
3. Install two spacers (#6) into each side of each rod end bore. **(Figure 2)**
4. Install the end of the panhard bar into the chassis mount so that the QA1 sticker is in the upright orientation. Attach using 9/16" bolt (#7.3), two washers (#7.1) and nylock nut (#7.2) **(Figure 3)** Torque to 79 lb. ft.



5. While holding the rod end of the unmounted axle side, twist the panhard bar to lengthen it to the length of the factory panhard bar. When lengthening (or shortening) the panhard bar both rod ends should remain stationary so that both ends have equal thread engagement.
6. Mount the panhard bar to the axle using 9/16" bolt (#7.3), one washer under the nut (#7.1) and nylock nut (#7.2). Torque to 79 lb. ft.
7. Set the vehicle at ride height and adjust the panhard bar length so that the axle is centered under the vehicle.
8. Tighten the jam nuts to the panhard bar to secure.

BALLOON #	DESCRIPTION	QTY.
1	WELDMENT, PANHARD BAR	1
2	Rod End 3/4 RH	1
3	ROD END (X) ENDURA ALLOY HT	1
4	JAM NUT, STEEL 3/4-16 LH	1
5	JAM NUT, 3/4-16 RH	1
6	High Misalignment Spacer, SS	4
7	HARDWARE KIT, PANHARD BAR	1
7.1	WASHER, FLAT, 9/16	3
7.2	NUT, 9/16-12 UNC-2B, NYLOC, RH THREAD	2
7.3	BOLT, 9/16-12 UNC-2A, RH THREAD	2





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