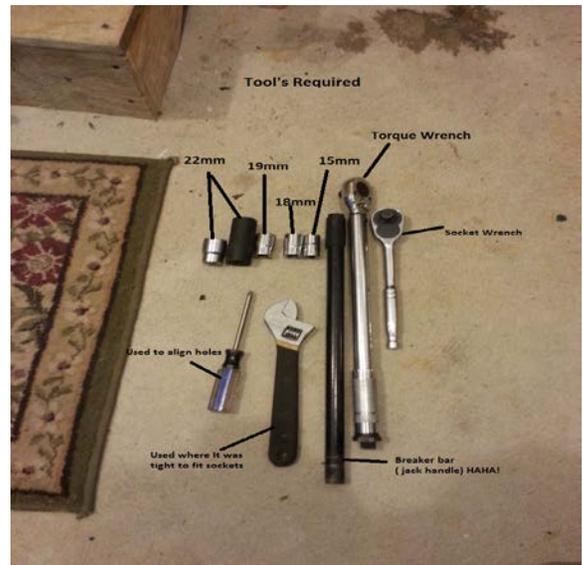


Whiteline Rear Lower Control Arm Relocation Brackets (05-14 All) Tools Required:

- ✓ 15mm Socket
- ✓ 18mm Socket
- ✓ 19mm Socket
- ✓ 22mm Sort and deep socket
- ✓ Socket Wrench
- ✓ Torque Wrench
- ✓ Breaker Bar
- ✓ Screwdriver to help align holes
- ✓ Jack and Stands or Ramps
- ✓ Adjustable box end wrench to help it narrow spots
- ✓ Maybe a pry bar (I didn't need one)



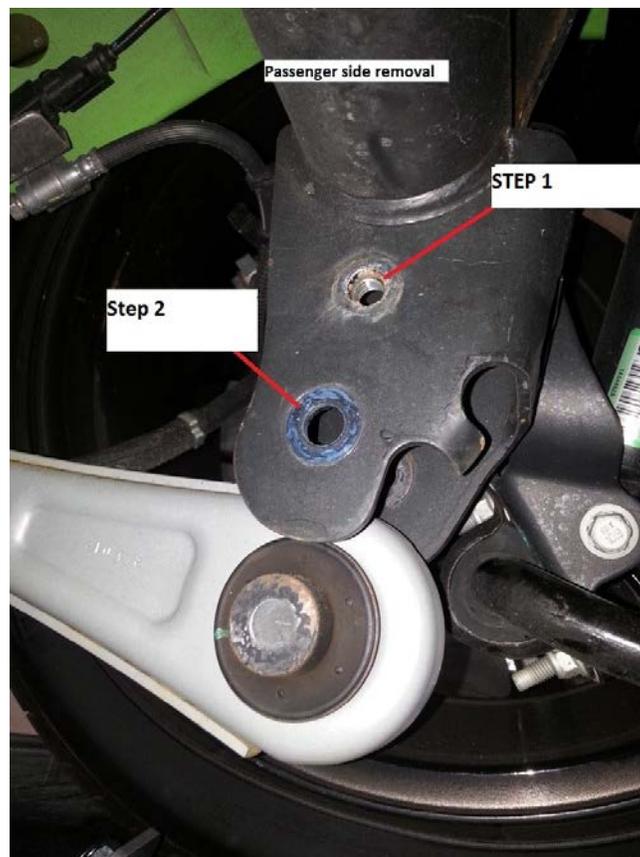
Installation Instructions:

Before you begin: Lift the rear end of your car, and put jack stands under the axle.

Passenger Side removal:

Step 1: Remove factory axle weight 15mm

Step 2: Remove factory lower control arm bolt 18mm



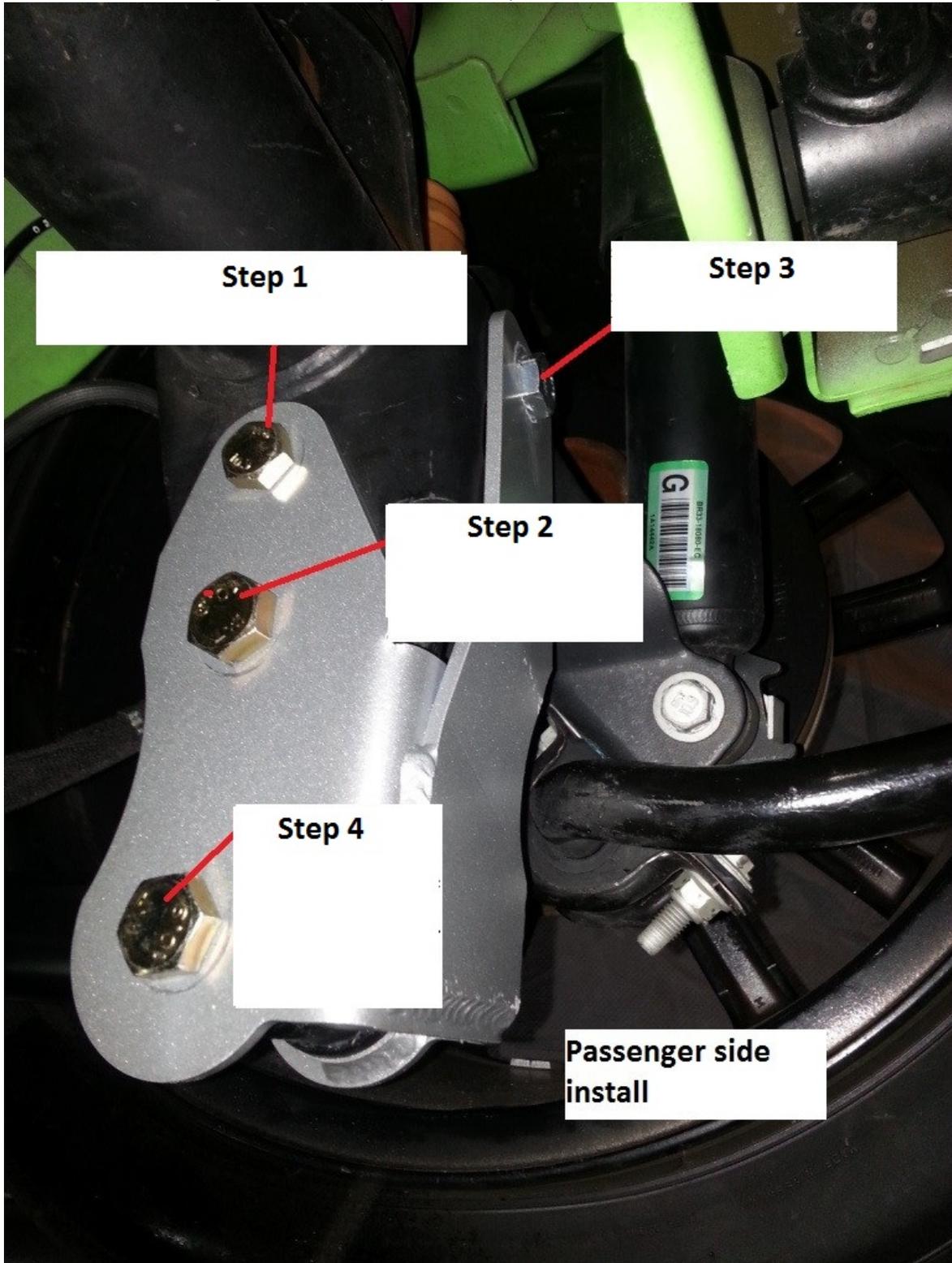
Passenger side install:

Step 1: Reinstall factory axle weight using original bolt, if not using axle weight, use supplied 30mm long bolt, and don't tighten yet. TQ spec 129ft/lb

Step 2: Install 100mm long bolt with gold tube in the center and nyloc nut towards the rim. Don't tighten yet. TQ spec 129 ft/lb

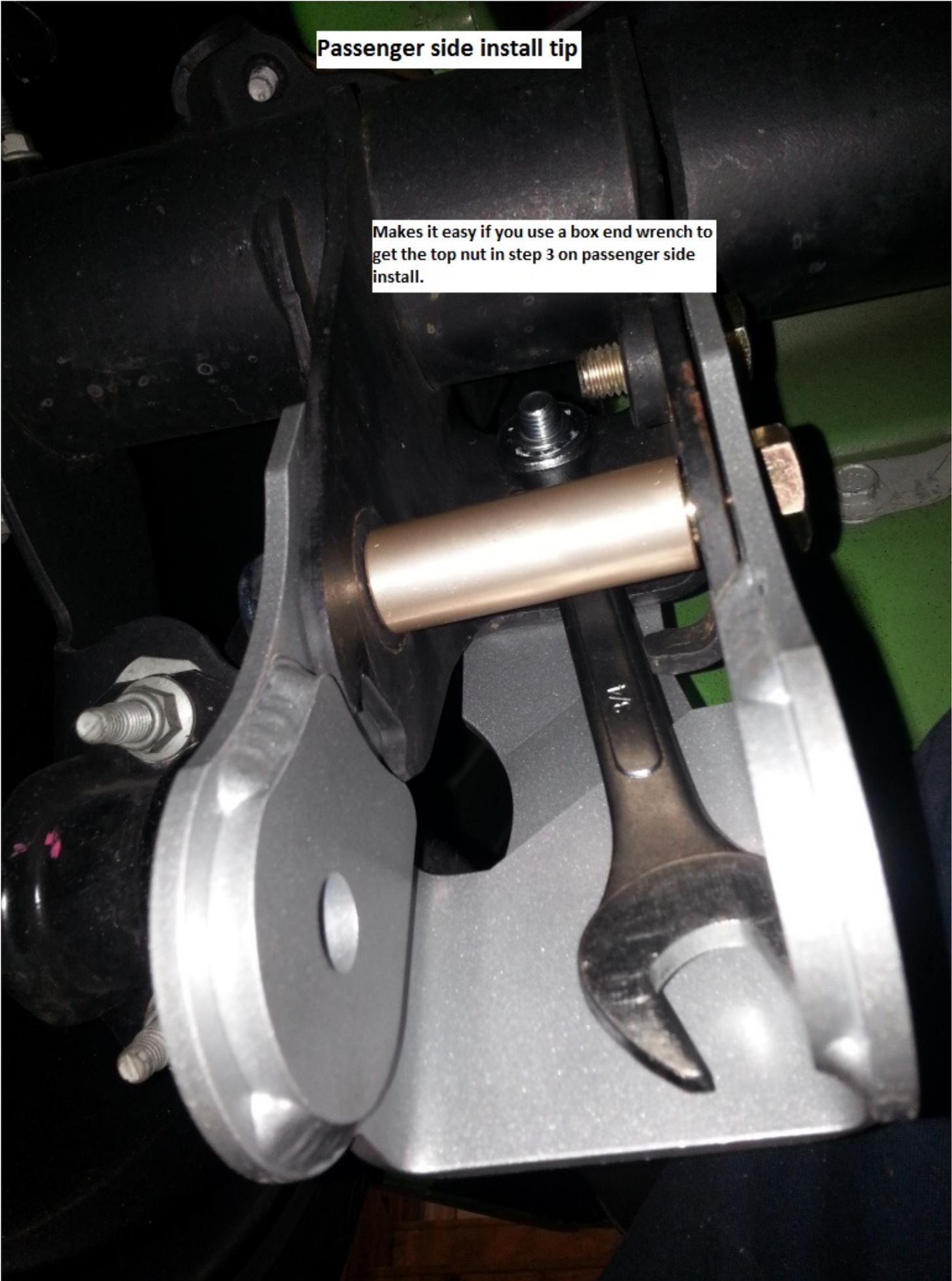
Step 3: Install 30mm long fine thread bolt and but, Tighten to 129 ft/lb (See next photo for tip)

Step 4: Position lower control arm in place (may need pry bar), install 100mm long bolt and nyloc nut (nut must face the rim) Tighten to 129 ft/lb. **NOW** tighten bolts in step 1 and 2 to spec



Passenger side install tip

Makes it easy if you use a box end wrench to get the top nut in step 3 on passenger side install.

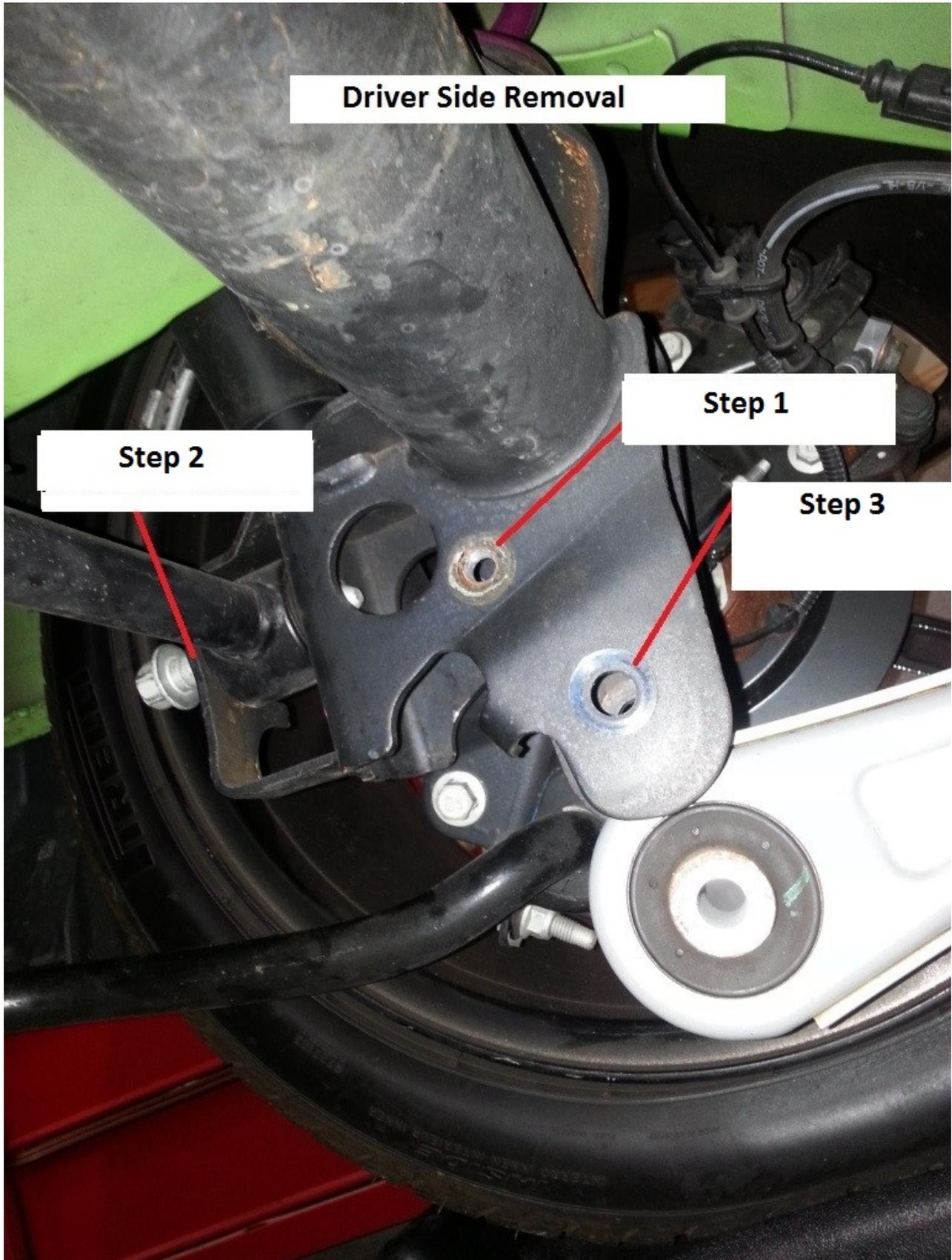


Driver Side Removal:

Step 1: Remove Factory axle weight 15mm bolt

Step 2: Remove factory panhardt bar bolt

Step 3: Remove Factory control arm bolt 18mm



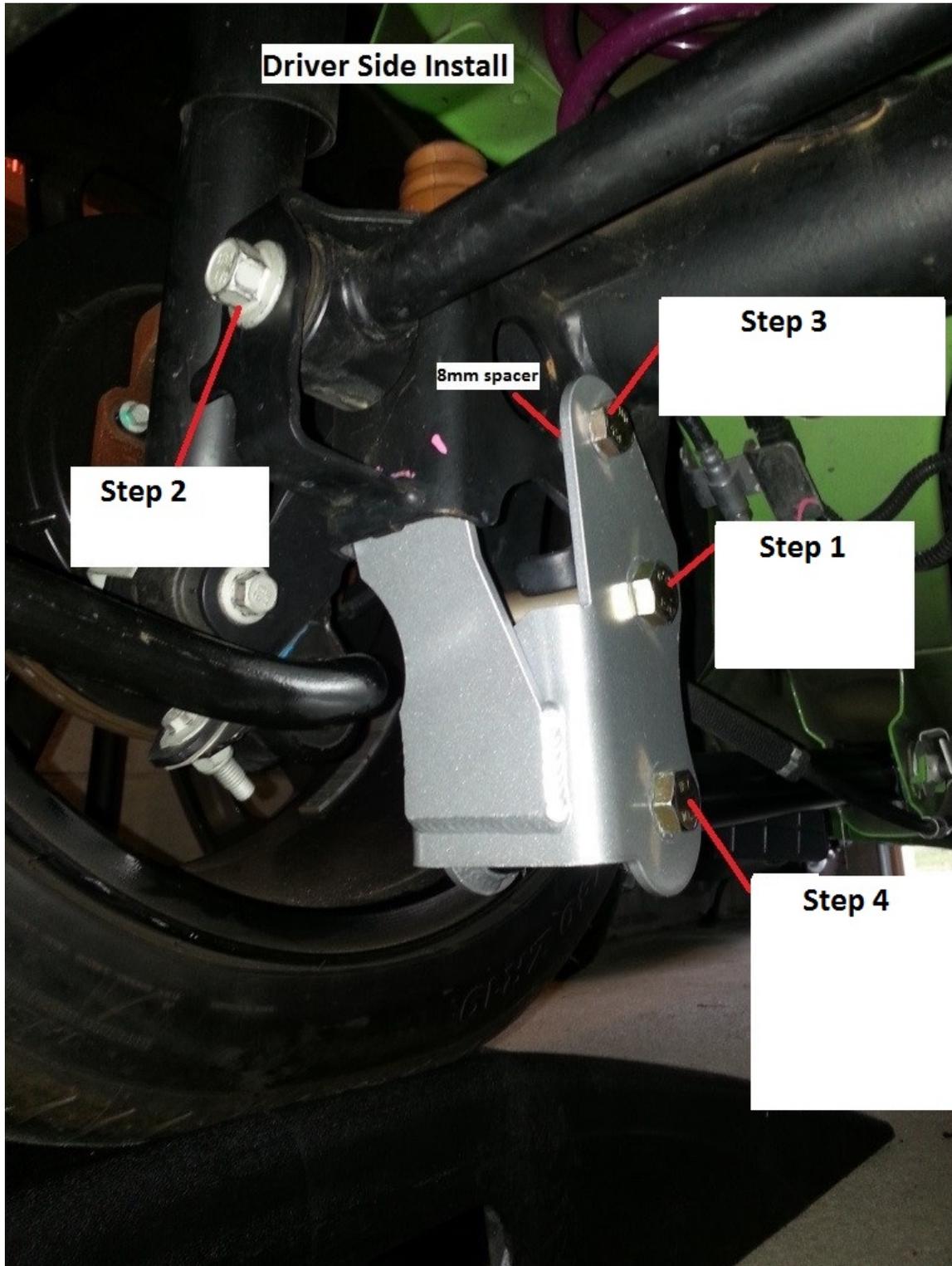
Diver Side Install:

Step 1: Install 100 long bolt with gold tube in the center and nyloc nut towards the rim. Don't tighten yet. TQ Spec 129 ft/lb

Step 2: Reinstall factory panhard bolt with factory nut, tighten to 129 ft/lb

Step 3: Insert 8mm spacer in the spot shown in photo and reinstall factory axle weight, if not using axle weight use 30 mm bolt provided and tighten to 129 ft/lb

Step 4: Align lower control arm (may need pry bar), install 100mm bolt and nyloc nut facing the rim, tighten to 129 ft/lb.
NOW tighten bolt in step 1 to spec.





Driver Side before

Passenger Before



Finished Drivers Side





After Passenger side



AFTER

Make sure to re-check all bolts after 100 or so miles.

Installation Instructions Written By AmericanMuscle Customer Kyle Reinhardt 5/17/2013