



Global West Suspension  
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### Part # TBC-84 – 1958-64 Impala -- Tubular rear lower control arms (Quite Ride Series)

The kit includes the following components:

- 2—lower control arms pre-assembled
- 2 – 5/8 bolts
- 4 – 5/8 flat washers
- 2 – 5/8 stove lock nuts
- 2 --5/16 coarse bolts
- 2 – 5/16 lock washers
- 2 – spring cushions



1. Installation requires the rear of the vehicle to be lifted off the ground. Support the vehicle on the frame. Lift up the rear end high enough to allow the suspension to go full droop. The springs must be removed for lower arm installation. Tip--- After the frame is supported, begin to lower the rear-end. Just before the shocks fully extend remove the shocks off the rear end stud.



- This will allow the rear end to lower far enough to remove the springs. With the rear end in full droop remove the springs. The springs should slide out without too much trouble.
2. Next remove the lower control arms. The forward bolt is easy. However the rear end side is not. It uses a special shock bolt. The side with the nut has a flat, so the unit does not rotate. You will have to slide it straight out. If you use a hammer, be careful not to damage the threads. Replacing this part is hard to find. Tip: If you are going to use a hammer, slide a  $\frac{3}{4}$  x .090 wall tube 2-  $\frac{1}{2}$  inches long over the shock stud. This will protect it from damage.

3. After you have removed the lower control arms, install the new tubular arm with the bearing side to the frame. Make sure the bearing has a gold sleeve (installed from our factory) still on each side of the arm. Slide the assembly up into the frame and use new hardware supplied in the kit to install. Place a 5/8 flat washer on the bolt first, slide the bolt through the assembly and then another flat washer / nut. Torque the bolt to 90 foot-pounds.



4. Swing the other side of the lower arm up into the rear end. Make sure the parking brake cables are above the arm. Install the shock bolt through the hole so the flat is facing the back of the car. The shock mount will index in the rear end bracket. Do not torque yet. Install the lock washer and nut on and slightly run it down.



5. After both arms are installed it is time to install the rear springs. The new lower arms have a spring cushion in the spring pocket. The top of the spring will index in the frame. You will notice up in the frame a notch. Position the spring in the frame and then rotate the spring cushion in the lower arm to index with the spring. Install the springs on both sides before moving on. Notice the index in the spring cushion (left photo). The photo on the right shows the spring indexing in the cushion.



6. Re-attach the parking brake cable to the control arms. A new bolt and lock washer is furnished in the kit.



7. Raise the rear end up to install the shocks. Tighten the shock nuts down to 65 foot-pounds.



8. The final step will be to torque the main bolt holding the lower arm to the rear end. This nut should be tightened with full vehicle weight on the rear end. Torque the nut to 80 foot-pounds.

Global West also makes the following additional components for 58-64 Impalas:

- Tubular front upper and lower control arms (featuring a major geometry change).
- Front and rear springs (one inch drop)
- Tubular rear upper adjustable control arm/arms.
- Adjustable anti-squat bracket for improved traction.
- Rear cross-member supports for strengthening the cross-member from tearing.
- Adjustable track bar/panhard rod.
- Adjustable track bar relocation kit



**Rear kits above**