



Steering, Brake & Suspension Specialists

# #6267TCA-K Mini Sub-Frame Instructions for 1962-67 Chevy Nova

### Parts List:

- 1 ea Left Lower Control Arm Assembly
- 1 ea Right Lower Control Arm Assembly
- 1 ea Cross Member
- 4 ea Wheel Alignment Cam Kits
- 8 ea Lock-Out Plates
- 14 ea 7/16-14x1 Gr. 8 Bolts
- 14 ea 7/16-14 Gr. 8 Nuts
- 14 ea 7/16 Lock Washers
- 28 ea 7/16 Flat Washers

### Notes:

When running drop spindles with CPP 10.75" brake kit and tubular upper control arms on 1962-67 Novas, CPP recommends using disc bracket kit #6267DBK-DSTCA.

### Options:

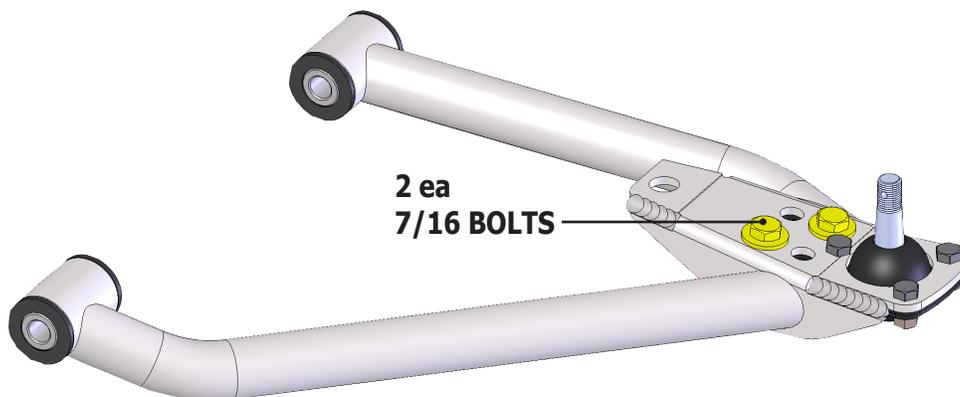
CPP recommends using the coil over spring and shock kit part numbers; 6267COK-SA single adjustable shock, and #6267COK-DA double adjustable shock.

CPP also recommends the tubular upper arm kit part number; #6267TCA-UK.

### Instructions:

1. Remove the lower ball joints from the spindles.
2. Remove the rivets that secure the strut rod mount to the frame and core support. There are 5 rivets on each bracket. Remove the strut rod mounts from the frame.
3. Remove the lower control arm assembly from the frame.
4. Using the new 7/16-14 bolts install the new cross member to the frame. The bolts will go thru the frame in the empty rivet holes that had secured the strut rod mounts. There will also be (2) 7/16-14 bolts that secure the ball joint to the control arm. See image below.
5. Install the new lower control arms. The rear pivots will mount where the original control arm mounted. The front pivots will mount in the new cross member.
6. Install the new lower ball joints into the spindle. There are two type of ball joint nuts: lock nut and a slotted nut. Torque the ball joint nut to 65lb/ft. If using the lock nut you can add red Loctite® (optional) If using the slotted nut be sure to install the cotter pin after the nut is tightened.
7. Have the car professionally aligned.

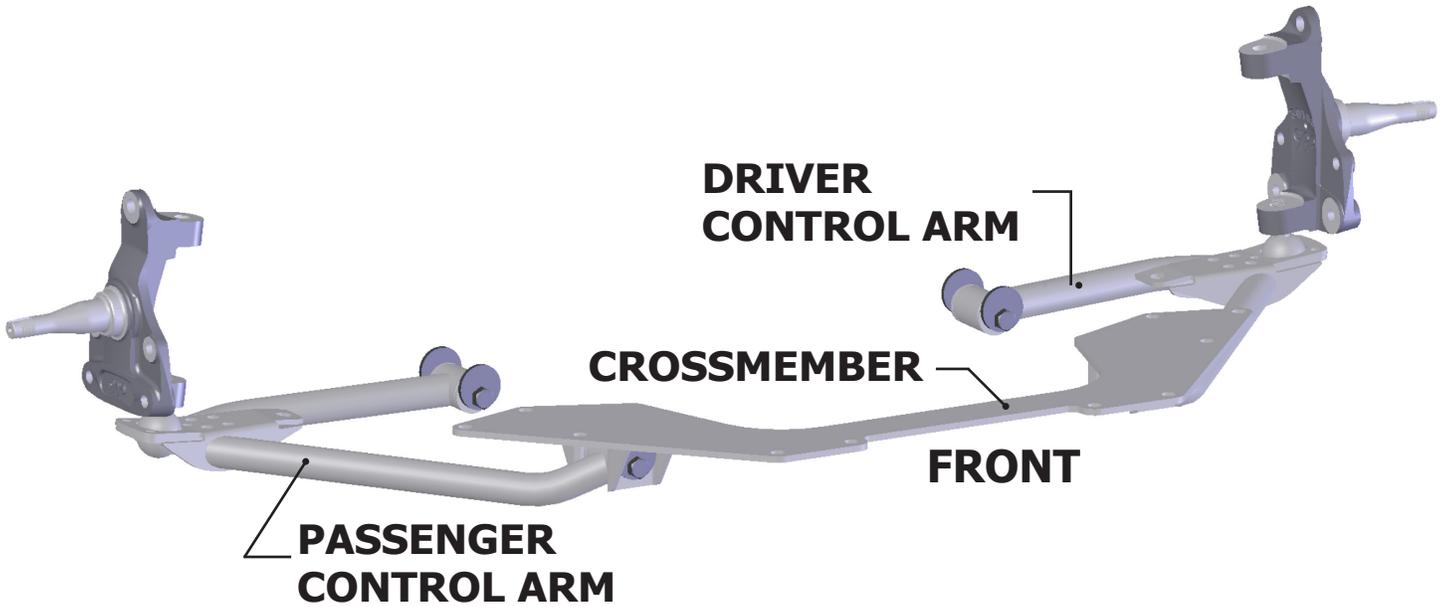
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**PLEASE NOTE:** The installer needs to make sure that nothing can make contact with a brake hose, caliper, or other brake component at any point through the entire range of steering and suspension movement. The installer also needs make sure none of the steering or braking components can become bound or jammed at any time through the range of suspension or steering movement.

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**GENERAL TORQUE SPECIFICATIONS:**

1/4"	grade 5	10lb/ft	1/4"	grade 8	14lb/ft
5/16"	grade 5	19lb/ft	5/16"	grade 8	29lb/ft
3/8"	grade 5	33lb/ft	3/8"	grade 8	47lb/ft
7/16"	grade 5	54lb/ft	7/16"	grade 8	78lb/ft
1/2"	grade 5	78lb/ft	1/2"	grade 8	119lb/ft
9/16"	grade 5	114lb/ft	9/16"	grade 8	169lb/ft
5/8"	grade 5	154lb/ft	5/8"	grade 8	230lb/ft

**NOTE:** With 18" and larger wheels we recommend 1/2" wheel studs. The larger the wheel diameter, the greater the force is on the wheel studs. Please inquire about replacement wheel stud kits available from CPP.