

# INSTALLATION GUIDE



## KPC UCA-C71

LayArm Upper Control Arm  
1999-2007 Chevrolet and GMC C1500 Pickup



**Description:** Bolt-on tubular upper control arm for 1999-2007 Chevrolet and GMC C1500 pickup. Includes upper control arm assemblies, balljoints, and mounting hardware.

# PARTS LIST

## KPC UCA-C71 - LayArm Upper Control Arms, '99-07 C1500

Qty	Part Number	Description
2	7936-044	UCA layarm 99-07 C1500 Chevy assembly, fits driver & passenger side

## 7926-UCAC71 - Hardware Bag

Qty	Part Number	Description
4	3101-050-13C	Locknut 1/2-13 nylon insert
4	3120-050S-Y	Washer 1/2 SAE hardened flat

# INSTRUCTIONS

We recommend you refer to the factory service manual for more detailed disassembly instructions.

1. Raise the truck to a safe comfortable working height.
2. Place jack stands under the frame and let the front suspension hang.
3. Remove the front wheels.
4. Place a floor jack under the lower control arm to hold it up once the lower balljoint is loosened at the spindle. Do not support the weight of the vehicle with the floor jack.
5. Remove the cotter pin and castle nut from the upper balljoint.
6. Use a balljoint separator or pickle fork to separate the upper balljoint from the spindle. A large hammer can also be used to strike the spindle, jarring the balljoint stud loose.
7. Raise the upper control arm until the ball joint stud clears the spindle.
8. Remove the brake line and speed sensor harness from the upper control arm.
9. Loosen the bolts on the upper control arm frame mounts.
10. Remove the bolts; slide the upper control arm toward you until they clear the mounting brackets studs. Discard the factory locknuts and washers.  
  
**Fitment Note:** Some vehicles may require you to drill the upper balljoint hole in the spindle so the new ball joint shaft will fit through. Test fit the upper control arm ball joint in the spindle before installing the control arm.
11. Slide the driver side upper control arm into the frame brackets.
12. Insert the OEM bolts through the upper control brackets and bushing sleeves. Secure with the washers and locknuts supplied with the kit.
13. Lower the upper control arm and insert the balljoint stud into the spindle.
14. Thread the castle nut onto the balljoint stud and tighten. Torque to 75 lb.-ft.

15. Align the slot in the castle nut with the balljoint stud. Insert the cotter pin into the stud and wrap around the castle nut.
16. Secure the brake line and speed sensor harness to the upper control arm. Allow enough slack for full suspension travel.
17. Move the system throughout the complete range of travel to check for binding and proper clearance around the air bag. A minimum of 3/4" clearance around the air bag is required to operate safely once inflated.
18. Repeat this for the passenger side of the truck.
19. Do a front end alignment before driving the truck.



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