



IMPORTANT NOTICE

Ball Joint Info:

Before you install this product, please verify which front spindles you have. We have designed the upper a-arms to utilize the 73-87 style spindles. This type of spindle was widely used in disc brake conversions due to its easy interchangeability and readily available replacement parts (e.g. ball joints, tie rods). If you have original 71-72 style disc brake spindles, you can order ball joints from us to convert the Hotchkis upper a-arms to work with that spindle. (Part # **FA683**)

If you have 63-70 drum brake spindles, you will need to upgrade your spindles and brakes to take advantage of this a-arm kit. Please call if you would like to upgrade your spindles and brakes.

UPPER A-ARMS

11390U

67 - 72 C-10 Pickup Truck

IMPORTANT: PLEASE READ THE ENTIRE INSTRUCTION MANUAL BEFORE STARTING THIS INSTALLATION. THIS KIT IS INTENDED FOR TRUCKS WITH 71-72 OR 73-87 DISC BRAKE SPINDLES. YOU MUST HAVE MECHANICAL KNOWLEDGE AND EXPERIENCE TO PERFORM THIS INSTALLATION. IF YOU ARE UNCERTAIN WITH THE PROCEDURE FOR THIS KIT PLEASE HAVE THE INSTALLATION PERFORMED BY A PROFESSIONAL TECHNICIAN.



Installation of Hotchkis Upper A-Arms

- 1 ***Raise the Truck***
Raise the vehicle by using a drive-on alignment rack. Securely block the rear wheels of the vehicle. You may also use jack stands to suspend the truck from the ground if a lift is not available. Raise the chassis so the front wheels are off the ground.



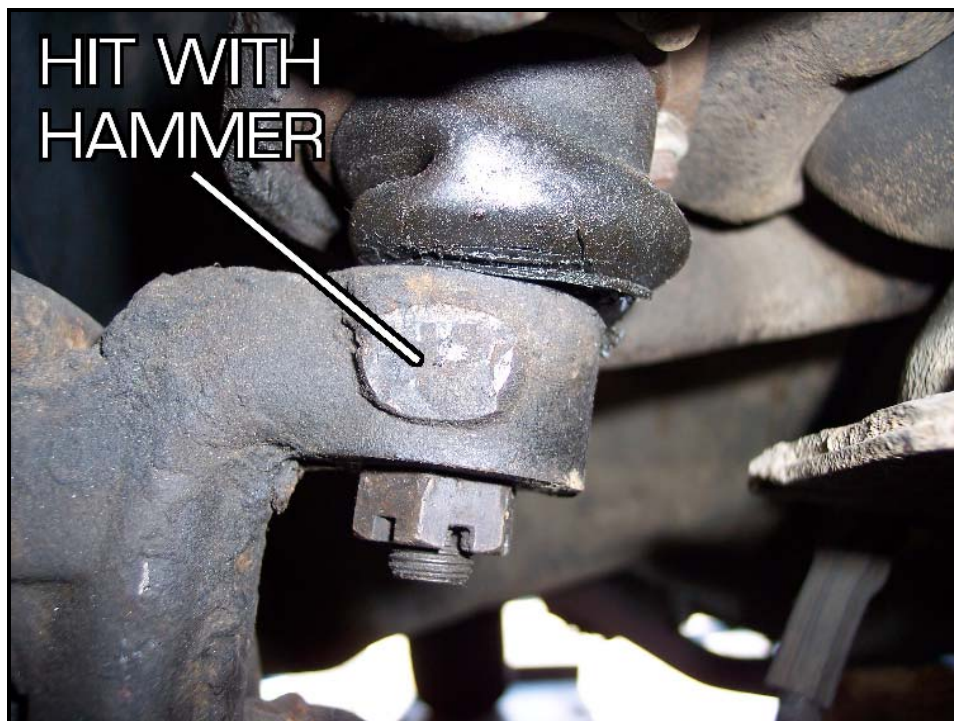
2 ***Remove Front Wheels***

Remove the front wheels from the vehicle.



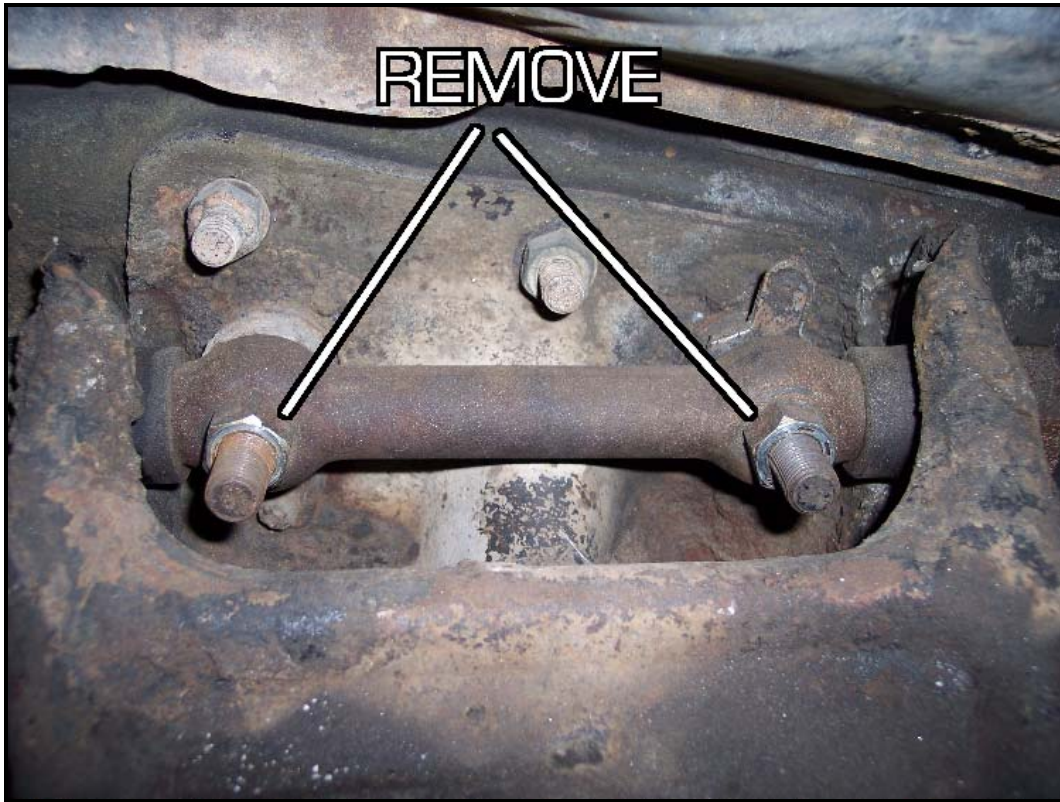
3 ***Disconnect the Upper Ball Joint***

Remove the cotter pin from the upper ball joint stud. Use a wrench to loosen the castle nut that secures the upper ball joint to the spindle. Do not remove the castle nut entirely. Using a heavy hammer, hit the upper portion of the spindle to break loose the ball joint stud from the spindle. The weight of suspension and preload of the spring with the impact of the hammer should break loose the tapered press fit of the ball joint stud from the spindle. You may want to spray the stud area with penetrating oil if you're having a difficult time breaking it loose.



Once the ball joint is loose from the spindle, support the lower control arm with a floor jack and raise the suspension slightly to relieve the pressure on the castle nut. Remove the castle nut and lower the floor jack until the upper ball joint stud comes out of the spindle. You may want to use bungee cords to hold the spindle assembly close to the frame rails as to not stretch/damage the brake lines.

At this point, the only thing holding the upper a-arm to the car is the cross shaft. Undo the 2 nuts for each arm that secure the cross shaft to the chassis. The a-arms should be loose from the vehicle at this point.



5 ***Reinstall the Hotchkis Upper A-arms***

Reinstall the Hotchkis a-arms in the same manner as removal. The a-arms are side specific, so please take caution when installing them. There are labels for "driver" and "passenger" located near the ball joints.

PASSENGER SIDE



DRIVER SIDE



Please also note the orientation of the cross shaft. The a-arms are designed to have the inner pivot lower than the stock location. This improves the camber gained for better front grip.



Install the cross shaft onto the vehicle first, using the same nuts that held in the stock arms.

Next, insert the ball joint stud into the spindle. You may need to raise the spindle using your floor jack once again. Spin the included castle nut on the stud and fully tighten. Make sure to line up the castle nut with the cotter pin hole. Insert the cotter pin and bend to lock.

Reinstall the wheels. You will need to perform a front end wheel alignment after this installation.

Check out our other great products for your C10 Pickup at Hotchkis.net

- 11390U Tubular Upper A-Arms (Improved Camber Curve)
- 11390L Tubular Lower A-Arms (Increased Caster for Stability and Cornering Grip)
- 18390 Rear Suspension Package (Quality rear shocks and longer/lower track bar for improved rear grip)
- 22390 Sway Bar Kit (Reduce Body Roll and Enhance Vehicle Response)
- 30390 Anti-Squat Kit (Increased anti-squat for better launches)
- 70390 Front Shock Kit (Re-positions front Bilstein shocks for more travel for lowered trucks)

