

## **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*

*Thank you for your purchase from our new line of Chevy parts.  
Please call us at 877 - 4NO - ROLL if you have any questions  
regarding the service or installation of your Hotchkis Performance products.*

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*

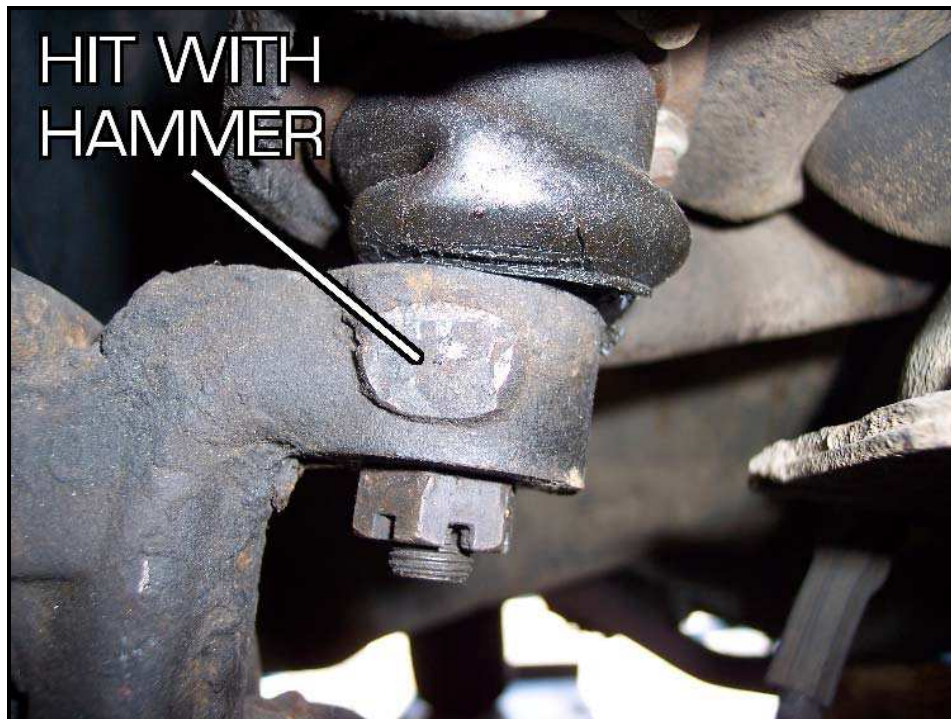
- 1 ***Raise the Truck***  
Raise the vehicle by using a drive-on alignment rack. Securely block the rear wheels of the vehicle. You may also use jack stands to suspend the truck from the ground if a lift is not available. Raise the chassis so the front wheels are off the ground.



- 2 *Remove Front Wheels*  
Remove the front wheels from the vehicle.

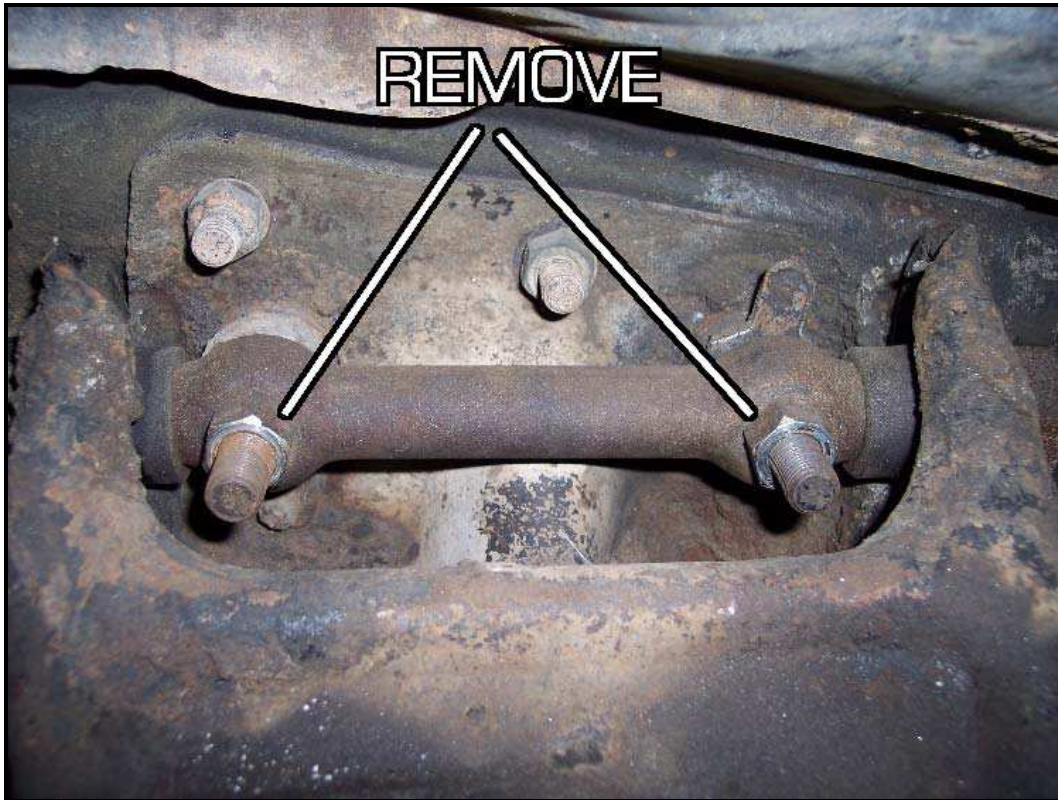


- 3 *Disconnect the Upper Ball Joint*  
Remove the cotter pin from the upper ball joint stud. Use a wrench to loosen the castle nut that secures the upper ball joint to the spindle. Do not remove the castle nut entirely. Using a heavy hammer, hit the upper portion of the spindle to break loose the ball 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](http://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)



**Hotchkis Performance LLC**  
**Return Policy & Limited Warranty**





Effective December 1, 2010 all Hotchkis products must be registered to qualify for warranty at [www.hotchkis.net](http://www.hotchkis.net) or via the mail-in warranty card, included with the product, within 30 days of the original purchase date.

**IMPORTANT: This warranty supersedes all other warranties included with this product.**

### **Return Policy**

We want you to be completely satisfied with your Hotchkis Performance product. For products, presenting signs of shipping damage please contact the freight carrier immediately. All our products are guaranteed to be free from manufacturer's defects. If your order arrives with a manufacture defect, please contact our Customer Service Department at (562) 907-7757. You will be assigned a Returned Goods Authorization Number (RGA). The package you return must show the RGA on the outside of the package, include the original invoice and be shipped prepaid to our facility. The product has to be unused and in its original packaging materials. Exchanges or refunds made after 30 days will be subject to a 20% restocking charge. **If you purchased your Hotchkis Performance product from an authorized dealer, you are still covered by this return policy. All returns however, should be made to your dealer, not to Hotchkis Performance directly.**

### **Limited Warranty**

Hotchkis Performance offers a Limited Warranty against defects in materials and workmanship for the term of 36 months (3 years) from the date of purchase of this product. This Warranty only applies to the original retail purchaser who retains ownership of the vehicle on which the product was originally installed. If the product is determined to be defective, Hotchkis Performance will repair, replace or refund the purchase price of the defective product at Hotchkis Performance's sole discretion, which shall fully satisfy and discharge any and all warranty claims. Any repaired or replaced product will be returned to the sender excluding the cost of freight. **Products must be registered to qualify for warranty at [www.hotchkis.net](http://www.hotchkis.net) or via the mail-in warranty card, included with the product, within 30 days of the original purchase date.**

### **Exclusions from Warranty**

Items offered but not manufactured by Hotchkis Performance are warranted according to the manufacturer's terms and are not covered by this limited warranty. Hotchkis Performance shall not be responsible for any labor, removal, installation, re-installation or maintenance costs. This warranty does not cover the cosmetic finish or plating of any product or any normal wear and tear to any product including, but not limited to bushings, brackets, end-links, hardware, steering components, shocks or springs. In addition, this warranty does not apply to any products that have been:

- Improperly installed or installed by someone other than a qualified, licensed auto mechanic experienced in the installation and removal of suspension products;
- Improperly serviced, misused, or modified, altered or subjected to abuse, negligence, accident or collision;
- Installed in any vehicle that has been modified;
- Installed on any vehicle that has carried loads in excess of automobile manufacturer suggested weight limits; or
- Installed on any vehicle that has been subject to abnormal or excessive use, including rallying, racing, or racing-type activities or off-road use.

### **Limitation of Warranty**

This limited warranty is the entire and only warranty for the products and may not be modified or supplemented by any other person or company in any form. Any description of the products, by anyone, is for the sole purpose of identifying them and is not part of the basis of the bargain, and does not constitute a warranty that the products will conform to that description. The statements of any salesperson do not constitute part of this limited warranty and cannot be relied upon as a warranty.

**THERE ARE NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. ANY IMPLIED WARRANTIES ARE DISCLAIMED TO THE FULLEST EXTENT PERMITTED BY LAW. THIS WARRANTY DOES NOT COVER CONSEQUENTIAL DAMAGES, LOSS OF TIME OR REVENUES, INCONVENIENCE, LOSS**

**OF USE OF THE VEHICLE, DAMAGE TO THE VEHICLE OR COMPONENTS OF THE VEHICLE, ANY OTHER TYPE OF CONSEQUENTIAL DAMAGES, OR OTHER INCIDENTAL OR INDIRECT DAMAGES. HOTCHKIS' MAXIMUM LIABILITY UNDER THIS WARRANTY SHALL IN NO EVENT EXCEED THE**



**PURCHASE PRICE OF THE PRODUCT.** Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages and in such states the above limitations or exclusions may not apply. This limited warranty gives the purchaser specific legal rights and the purchaser may have other rights that may vary from state to state.

#### **Technical Information**

Hotchkis Performance makes every effort to ensure that you are provided with the most accurate and up-to-date technical information. However, all technical information is approximate and may vary upon application. Additional suspension components may be needed in some applications, depending upon the make, model, engine and chassis of the vehicle. Hotchkis Performance is not responsible for any consequences resulting from manufacturer's technical mid-year changes. Hotchkis Performance products should only be installed by a qualified, licensed auto mechanic experienced in the installation of such products.

#### **Warranty Claim Procedure:**

The answer to ALL the following questions should be YES before making a warranty claim:

- Did you register the product at [www.hotchkis.net](http://www.hotchkis.net) or via the mail-in warranty card within 30 days of purchase?
- Is the product appropriate to your application?
- Did you carefully and thoroughly read the instructions provided along with the product?
- Do you have the original invoice or sales receipt?
- Is the return date within 36 months from the purchase date?
- Are you the original purchaser?
- Was the product properly installed by a qualified, licensed auto mechanic?
- Has the product been installed on the original vehicle on which it was installed at all times?
- Is the product unmodified and clean?
- Is the reason for return a legitimate product defect?

If the answer to all these questions is YES, please contact our Customer Service Department at (562) 907-7757. You will be given a Returned Goods Authorization Number (RGA) valid for 60 days. You will also be asked to ship the product prepaid to our facility. All shipments MUST be (i) prepaid, (ii) include the original invoice or sales receipt, (iii) show the RGA on the outside of the package and (iv) include your name, address, make and model of the vehicle, and a brief description of the claimed defect, including the circumstances under which the defect occurred. If the warranty claim is deemed valid then Hotchkis will estimate shipping costs to return the repaired or replacement part and contact you for payment. Hotchkis's Limited warranty requires that any repaired or replaced product will be returned to the sender excluding the cost of freight. Warranty related inquiries should be sent to the following address:

**HOTCHKIS PERFORMANCE, LLC  
C/O CUSTOMER SERVICE  
8633 Sorensen Avenue  
SANTA FE SPRINGS, CA 90670**

Hotchkis Performance will not accept product returns without the RGA number, receipt and the information described above. C.O.D. or collect shipments will be refused. Once the returns are received at Hotchkis Performance, we will evaluate the products, verify the sales receipt, and investigate the warranty claim. Any repaired or replaced product will be returned to the sender.

**Effective December 1, 2010. This return policy and limited warranty supersedes all previous policy and warranty statements. Policies and warranties are subject to change without notice. Hotchkis Performance is not responsible for printing errors.**