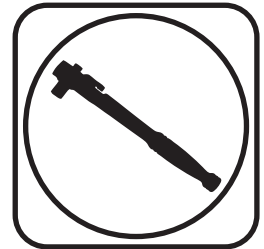
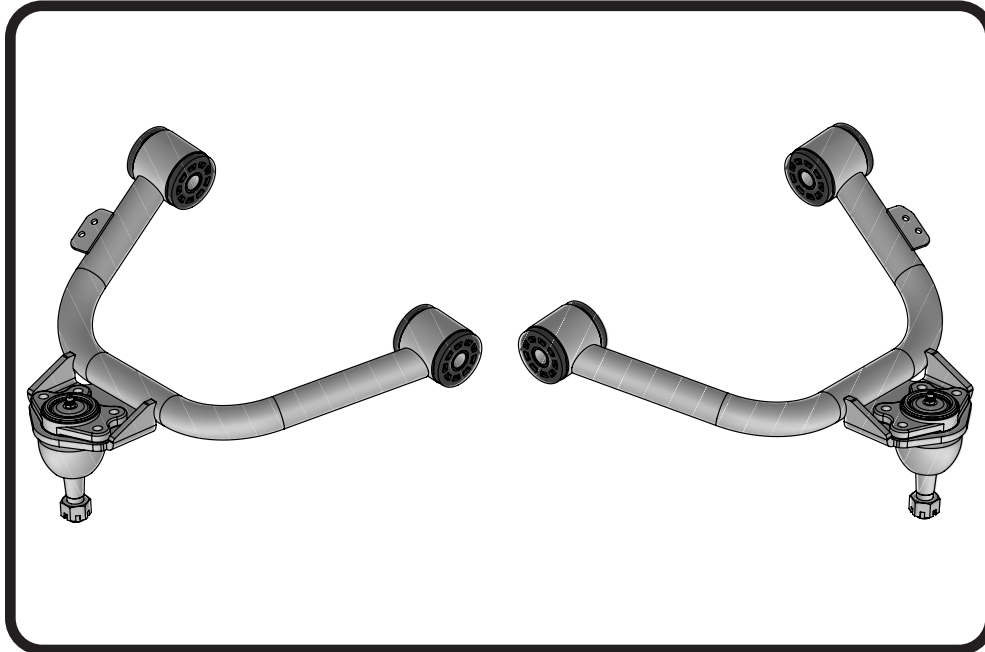




### Part # 11373699 - 88-98 GM C1500 Front Upper StrongArms

#### Recommended Tools



## 1988-1998 GM C1500 Upper StrongArms Installation Instructions

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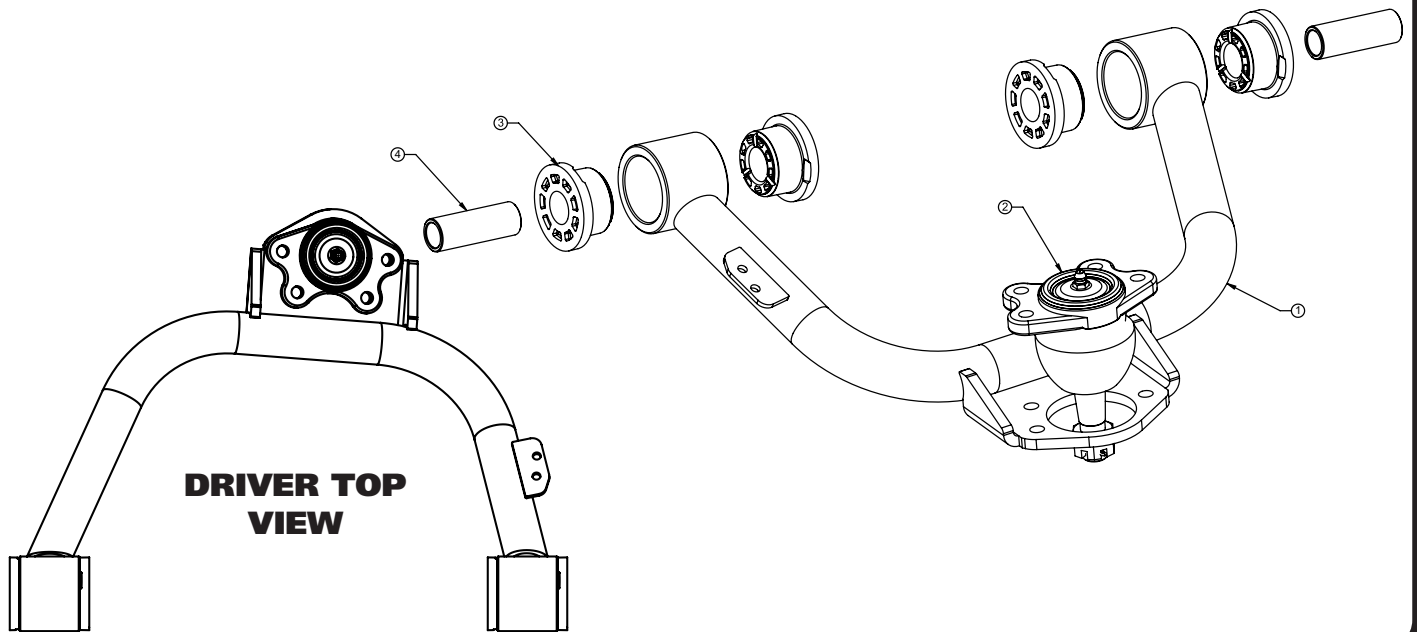
- Page 2..... Included Components & Getting Started
- Page 3-5..... StrongArm Installation





### Lower Control Arm Components .....In the box

Item #	Part Number	Description	QTY
1	90001333	Driver Upper Control Arm	1
1	90001334	Passenger Upper Control Arm	1
2	90000900	Upper Ball Joint - Proforged # 101-10053	2
3	70010759	Delrin Control Arm Bushing	8
4	90001097	Delrin Bushing Inner Sleeve	4
	99251020	1/4"-20 X 1/2" Thread Forming Screw - Not Shown	4



### Getting Started.....



**1.** The OEM upper control arms will need to be removed from the truck. Start by disconnecting the brake line from the upper control arm. Disconnect the ABS cable from the control arm. You will need to remove one of the ball joint bolts to disconnect it.



### StrongArm Installation



2. Remove the Upper Control Arms. The Camber Bolts need to be reinstalled in the same positions they are removed from. We recommend marking their positions for reassembly. Refer to the factory service manual for disassembly procedure. After removing the factory upper control arm, clean the bushing mounting surfaces on the frame.



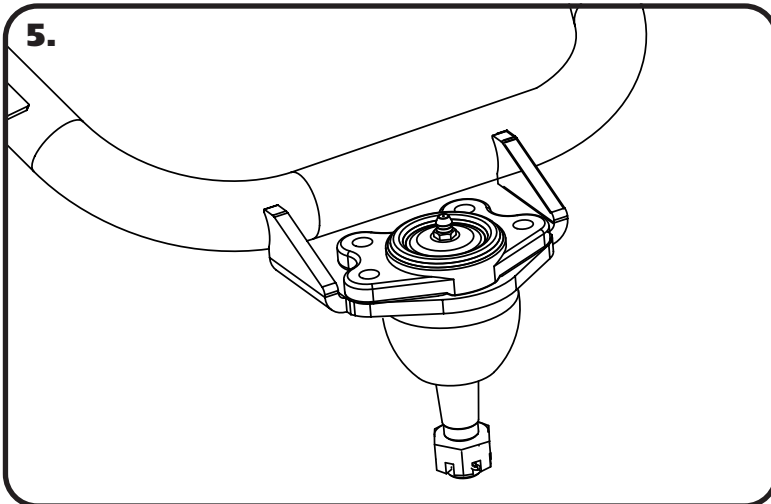
3. If your truck has never needed the caster or camber changed, it may still have the locating slugs in the upper control arm mounts. **See Image 3.** Skip to Step 6 if your truck has already had the locating slugs removed.



4. They make a tool for removing the locating slugs or you can knock them out with an air chisel. It is best to use a blunt tool in the air chisel to knock them out. If you are having a shop align your truck, they will have the tool needed to knock the slugs out.



### StrongArm Installation



5. Install the Ball Joint using the supplied 5/16" Hardware. Insert the ball joint into the arm using **Image 5** as a reference. Insert a 5/16"-18 x 1 1/4" Bolt through the ball joint and plate. The threads should pointing the same direction as the ball joint pin. Install a 5/16" Flat Washer and 5/16"-18 Nylok Nut on the threads of each bolt. Torque to 18 ftlbs.



6. Insert the control arm into the OEM location. **The Brake Line Tab is positioned to the front of the vehicle. Use the Illustration on page 2 to help aid in installing the correct control arm in the correct location.**



7. Bolt the arm to the frame using the factory camber bolts. If you marked the bolts during disassembly, reinstall them in the correct position and tighten. Torque to 140 ft-lbs.



### StrongArm Installation



**8.** Slide the ball Joint pin into the spindle and install the castle nut on each one. Torque the ball Joint nuts and install cotter pins in each one.

#### Ball Joint nut Torque Specs:

Torque to 50 ft lbs and then tighten nut to align cotter pin hole not exceeding 90 ft lbs.



**9.** Attach the ABS cable to the control arm by removing the nut/washer from the front, inner bolt. Slide the bracket onto the bolt and replace the washer & nut. Torque the nut to 25 ftlbs.



**10.** Attach the brake line bracket to the new upper control arm using the supplied thread forming bolts. Align the bracket with the tab on the control arm. Attach it using the thread forming bolts supplied with the kit. These can be threaded in using a ratchet. Put downward pressure on the bolt while turning them. Torque them to 15 inlbs.

**11.** Tighten all fasteners.

**12.** Have the front end aligned.

#### Suggested Alignment Specs:

Camber:	Street:	-.5 degrees
Caster:	Street:	+3.0 to + 5.0 degrees
Toe:	Street:	1/16" to 1/8" toe in