



Allison 1000 Series Transmission Shift Cable Bracket Kit

'73-'87 C & K Series / '88-'91 R & V Series

Revision 00 (08/06/18)

Package Contents

- *(1) Stainless steel inner master cylinder mounting bracket*
- *(1) Stainless steel upper shift cable mounting bracket*
- *(1) Lower shift cable mounting bracket*
- *(1) Transmission shift lever*
- *(1) Allison transmission shift cable kit (upper & lower cable assembly)*
- *(1) Stainless steel stepped washer with 1/4" through hole*
- *(1) Stainless steel stepped washer with 1/4"-28 tapped hole*
- *(1) 1/4" Yellow zinc plated shift stud*
- *(4) 10-32 x 1/2" Flange Head Bolts*
- *(2) M8 x 1.25 x 12mm Flange Head Bolts*

Tools Required

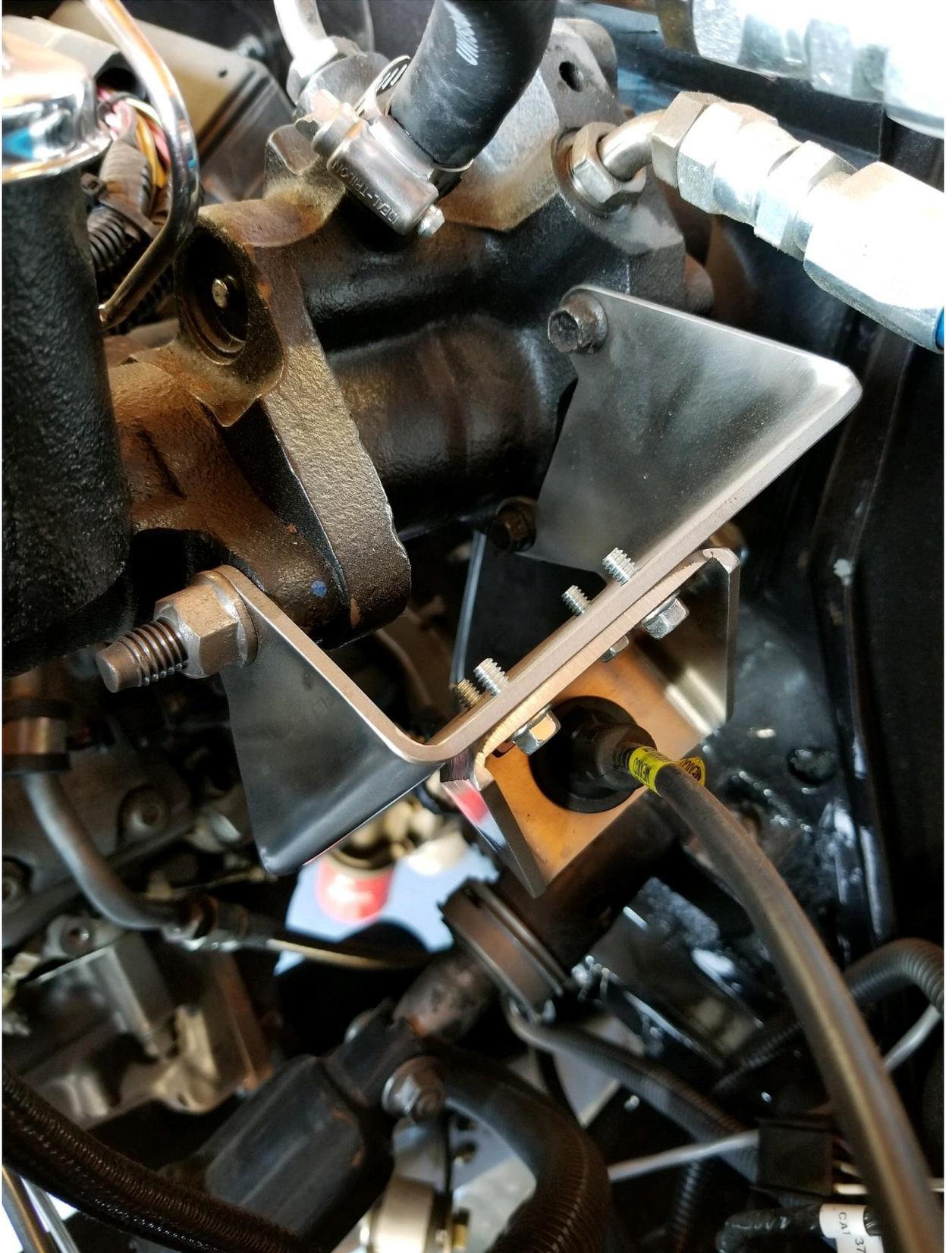
1. *5/16" Box end wrench / 5/16" Socket x 1/4" drive*
2. *3/8" Box end wrench / 3/8" Socket x 1/4" drive*
3. *12mm Box end wrench / 12mm Socket*
4. *15mm Box end wrench / 15mm Socket*
5. *1/4" drive ratchet*

Notice

First of all we would like to take a moment and thank you for your recent purchase and support! Thanks to you kind folks we have been successful following our dreams of creating this amazing powertrain conversion.

Please note that if your GM Square Body Truck, Blazer or Suburban was not originally equipped with a Hydro-boost braking system you will need to purchase a hydro-boost master cylinder and OEM brake pedal from a Truck, Blazer or Suburban that was originally equipped with a Hydro-boost braking system. Make sure the Hydro-boost is specifically between the years of '85-'91 GM C, K, R & V Series Trucks, Blazers and Suburbans. This procedure is not difficult but is necessary when installing our Squaremax conversion.

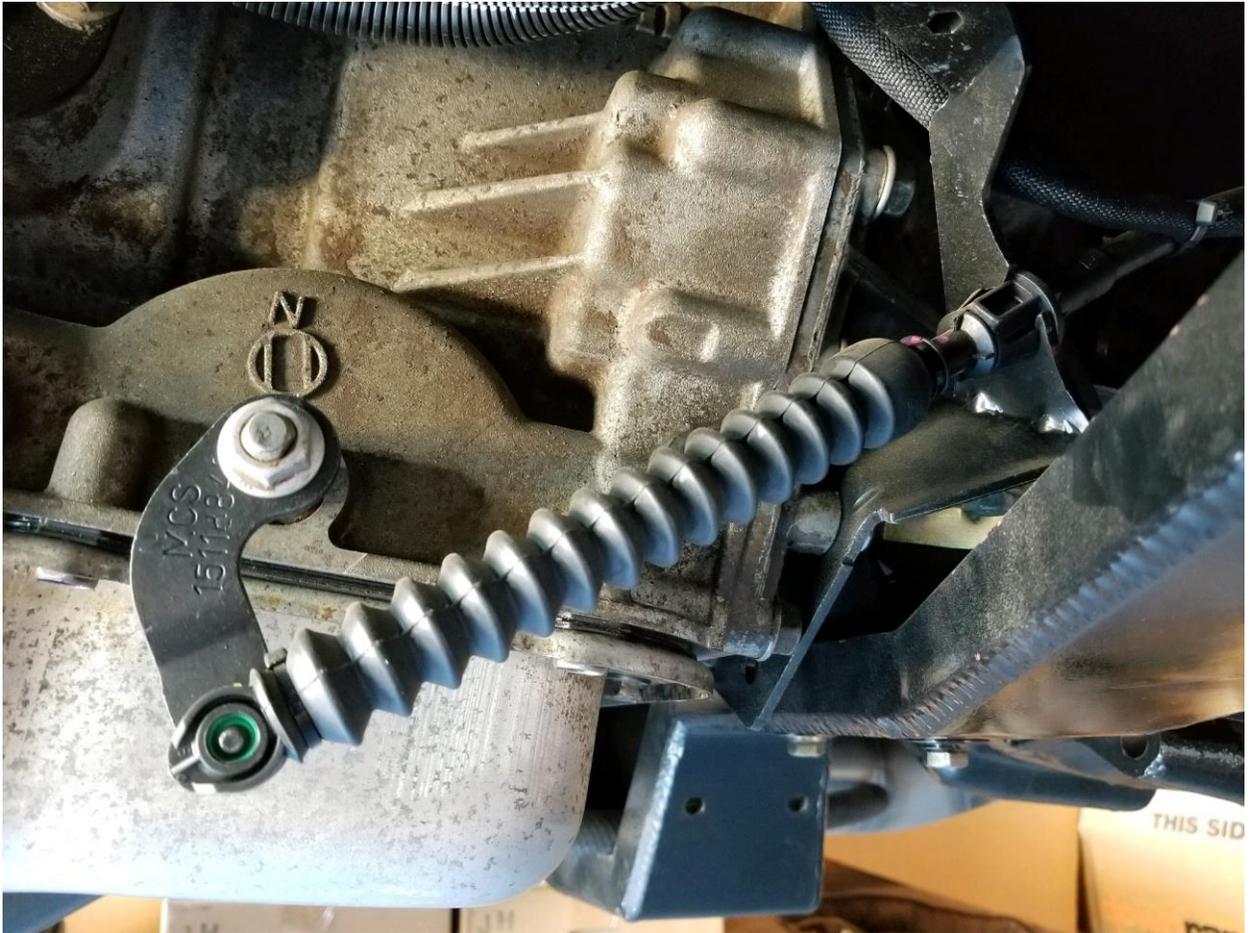
- 1. You will begin by removing the two outer bolts in the hydro boost assembly. They are the ones that are closest to the driver's side fender.*
- 2. Next you will remove the outer nut on the master cylinder. This is the one that is closest to the fender as well.*
- 3. Install the inner master cylinder mounting bracket. It is "C" a shaped bracket and slips over the stud and you will re-install the two hydro boost bolts and master cylinder nut.*
- 4. Next you will install the upper shift cable mounting bracket to the inner master cylinder mounting bracket you just installed. The upper shift cable mounting bracket has four slots. Install the four (4) 10-32 x 1/2" bolts and center them in the slots for now. Do not tighten them yet.*



5. *Now you will need to mount the lower shift cable mounting bracket. This is the black bracket and has several bends in it. We have provided the two M8 x 1.25 bolts to mount it to the rear of the Allison transmission.*



6. Now you will need to install the lower cable into the lower shift cable mounting bracket. You will hear it snap into position.
7. Install the new transmission shift lever onto the transmission shift shaft and re-install the OEM lock nut.



8. Next you will install the lower cable eyelet onto the shift cable lever. Make sure it is seated in the groove.
9. Next install the upper shift cable into the upper shift cable mounting bracket.
10. Then you need to install the two stainless steel stepped washers. You will notice that one is tapped and the other is a through hole. The tapped stepped washer is placed inside the column shifter arm and is on the front side. Place the through hole stepped washer on the rear side of the column shifter arm. Put a dab of thread locker on the threads and thread in the 1/4" stud. Please note that the stud will be facing the firewall. Tighten the stud using a 1/4" drive 7/16" socket and ratchet.



11. *Next you will snap the upper shift cable eyelet onto the 1/4" stud. Make sure it is seated in the groove.*
12. *Lastly you will follow the provided shift cable adjustment instructions. They were sealed in the hardware bag. This procedure is **absolutely** necessary and will provide full range of motion for the column shifter through all gears. Make sure you thoroughly test the column shifter and make sure it is functioning perfectly before you begin driving.*

If you have any further questions, please feel free to give us a call at (209) 588-1000