

# Cable Shift Linkage Kit

## INSTALLATION INSTRUCTIONS

**ididit column to Chrysler 727/904 Trans**

FOR PART NUMBER'S: 2801700010, 2802700010



**[www.ididitinc.com](http://www.ididitinc.com)**

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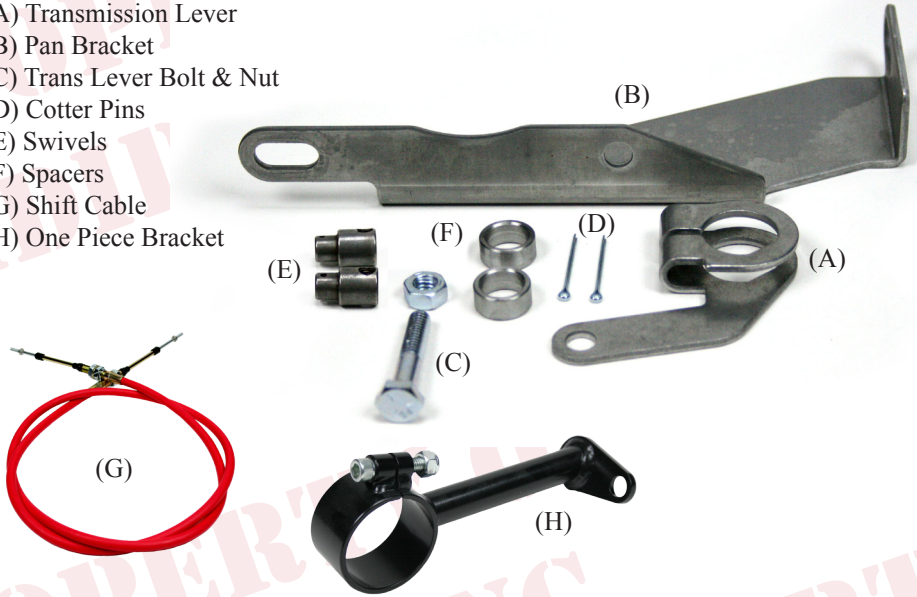
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Instruction # 8000010142 REV 08/15

# Ididit Column to 727-904 Transmission

## Your kit should contain the following parts:

- A) Transmission Lever
- B) Pan Bracket
- C) Trans Lever Bolt & Nut
- D) Cotter Pins
- E) Swivels
- F) Spacers
- G) Shift Cable
- H) One Piece Bracket



## Before installation please read:

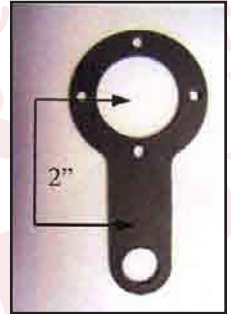
**You will need at least 2" of clearance between the firewall and lower shift lever for this product to function correctly.**

**Melted Cables:** If your cable is too close to your exhaust it will melt or become brittle. If this is the case you will need to make a heat shield. Do not wrap the cable as this retains heat. Heat will destroy the cable.

**Kinked Cables:** Do not kink the cable anywhere along its length. If the cable has a kink it will lock up. The cable should be kept straight for 2" on each end where it leaves the brass. Either of the above could damage the cable, shifter, and/or transmission in one shift.

**Cable Adjustment:** If you do not adjust the cable correctly you could damage the cable, shifter and/or transmission. Put the trans in Low gear and the shifter in Low gear, set the swivel so it slides in and out of the correct hole freely. Then move the transmission and shifter to Park (all the way the other way). Rotate the cable swivel until it slips in and out of the hole freely. Now go back and forth between Park and Low gear and fine tune the adjustment. See instructions for further detail.

1. Remove the 4 screws from the shift lever at the bottom of the steering column and set the screws and the lever aside.
2. Loosen the nut and bolt on the cable bracket so that the clamp loosens a little. Slide the clamp on the column with the small end at appx. 5 o'clock (looking down from the top of the column.) The hole on the small end of the clamp should face the front of the vehicle. DO NOT tighten yet!
3. The gearshift lever will need a hole drilled exactly 2" from the center of the large hole towards the linkage hole, in the center of the shift lever arm. The hole should be 5/16" or .312 in diameter, no larger.



4. If your designer eye tells you that you want to cut off the access of the shift arm that is fine. Take a look at the diagram to the right to see how we did this.



5. The next step will be to install the cable. You will notice that both ends are the same. In order to get one large nut and washer off the shift cable, you will need to take the small nut and rubber boots off. Insert the cable through the bottom side of the bracket and reinstall the large nut, washer and boots. Try to center the nuts and washers on the available threads. *You will see why this is important in a later step.*



6. Push the cable down through its outer cover so that it will be as short as possible. Put the column in Park. Now, figure out where you want the bracket to be, 5 o'clock will probably be a good place. Install the swivel on the small thread and turn it until it is centered

on the thread. Now, install the small nut and turn it until it bottoms out on the swivel. DO NOT tighten yet!



7. Reinstall the shift lever as close to the swivel as possible. Now you could turn the bracket or loosen the large nut and adjust so that the swivel goes into the 5/16" hole that you drilled in the shift arm. Insert the cotter pin in the swivel, tighten the large nut and bolt on the bracket. Do not tighten so much that it squeezes the delrin bushing in the bottom of the column. Doing so could make it hard to shift. Remember, the cable has to be pushed down completely.

8. Route the cable towards the front of the transmission. You may have to bend it into a circle to take up some slack. Stay away from exhaust pipes. If this cable gets too close, it will melt and not work at all. *This is very important!*

9. On the 727/904 Chrysler transmission you must remove the original shift lever and kick down lever. Remove the two pan bolts marked with X's (in the picture) and install the bracket towards the front of the transmission.

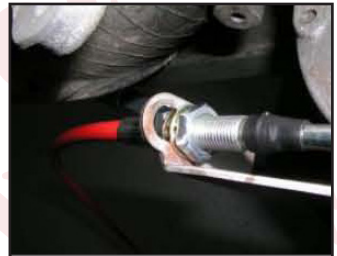


10. Spacers need to be placed between the bracket and the transmission pan using the two pan bolts (that were previously removed) into the holes of the bracket as shown.



11. Make sure that the transmission is in park. Install the transmission shift lever using the supplied nut and bolt. Next, install the kick down lever with the original nut and washer as shown.

12. Take the small nut, two rubber boots and one large nut and washer off of the transmission end of the cable. Insert the cable into the bracket. Reinstall the large washer and nut and two boots. The cable should be pushed down in the oval slot. Rotate the shift lever clockwise to the Park position. Now you are going to put the swivel onto the threaded end of the cable and turn it until it lines up with the hole of the shift lever from the bottom side. Install the cotter pin on the top side. If it needs more travel, loosen the large nuts and washers and move the cable forward or backward to gain more travel. Then retighten the large nuts and washers. Install small nut and tighten.



13. Try to shift the column. You may experience a tight pattern, if so; slightly loosen the bracket around the column. This should allow the column to move easier. If not, check that the cable is in alignment from the bracket to the lever.

**Need Further Assistance?**

ididit has been serving the rodding community since 1986 and we take pride in our outstanding customer service. If you need further assistance, feel free to call us at (517) 424-0577 during our normal business hours. You can also email us at [tech@ididit.com](mailto:tech@ididit.com). Go to [www.ididitinc.com/contact-us](http://www.ididitinc.com/contact-us) for hours of operation.

**Need A Visual?**

Go to [www.ididitinc.com/videos](http://www.ididitinc.com/videos) to watch installation videos, tech tips & more!

**NOTES:**

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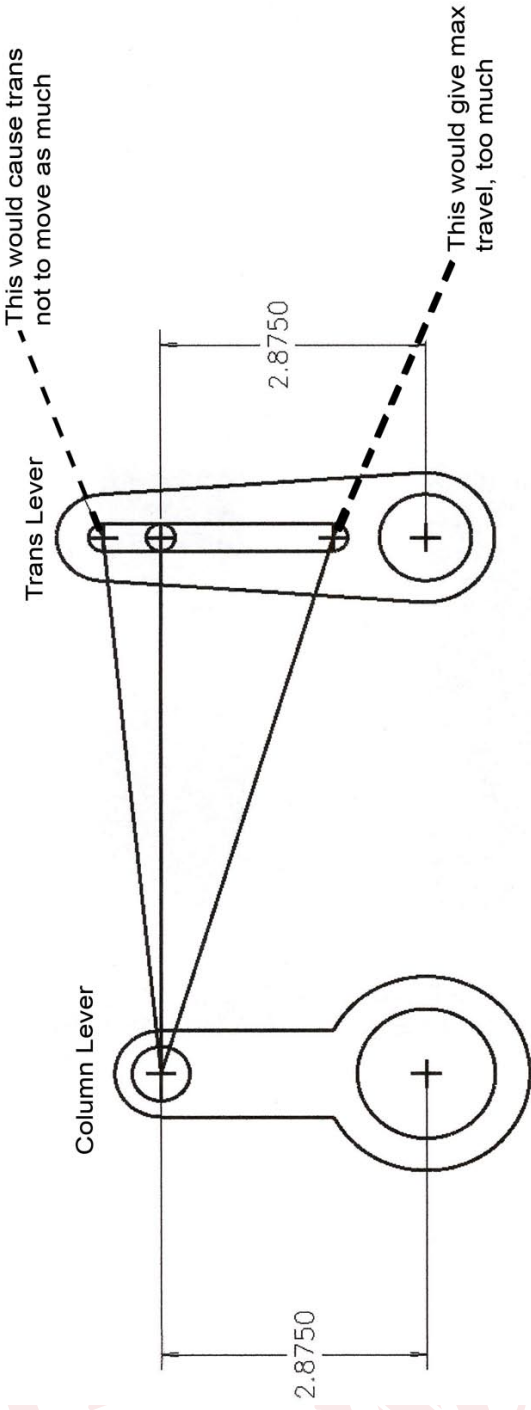
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# Proper Alignment of Shift Lever



We recommend equal distance

**Note: If trying to make a 3-Speed Column Shift a 4-Speed Trans, go shorter at the trans  
If trying to make a 4-Speed Column Shift a 3-Speed Trans, go longer at the trans**

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