



## Shifter Bushing For 10<sup>th</sup> Gen Civic/Accord

2018-04-11

AHP-INR-016

Thank you for purchasing this ALTA product for your car! Installation of this product should only be performed by persons experienced with installation of aftermarket performance parts and proper operation of high performance vehicles. If vehicle needs to be raised off the ground for installation, the installer must use proper jacks, jack-stands and/or a professional vehicle hoist for safety of the installer and to protect property. If the vehicle is lifted improperly, serious injury or death may occur! Please read through all instructions before performing any portion of installation. If you have any questions, please contact our tech department prior to starting installation. We can be reached in any of the following methods:

Email [Tech@ALTAperformance.com](mailto:Tech@ALTAperformance.com)

Instant Chat off the main page of [www.ALTAperformance.com](http://www.ALTAperformance.com)

Or simply call our tech team at 503-693-1702

### GENERAL MODIFICATION NOTE

Modifications to any vehicle can change the handling and performance. As with any vehicle extreme care must be used to prevent loss of control or roll-over during sharp turns or abrupt maneuvers. Always wear seat belts, and drive safely, recognizing that reduced speeds and specialized driving techniques may be required. Failure to drive a vehicle safely may result in serious injury or death. Do not drive a vehicle unless you are familiar with its unique handling characteristics and are confident of your ability to maintain control under all driving conditions. Some modifications (and combinations of modifications) are not recommended and may not be permitted in your state or country. Consult the owner's manual, service manual, instructions accompanying these products, and local laws before purchasing and installing these modifications. You are responsible for the legality and safety of the vehicle you modify using these components.

### SPECIAL NOTES:

- It is very important to remove the cable from the bracket on the transmission. Failure to do so could result in a broken shifter cable, which is a very time consuming and expensive job. The cable has a very limited angle of deflection and going too far beyond this will cause a failure. Removing the cable is not a fragile item and nothing to worry about as long it is removed from the bracket on the transmission before removing the OEM bushing and installing the ALTA shifter bushing.

## Do Not Bend Cables Past 5 Degrees Off Center



### Parts Included with the ALTA:

- (1) ALTA Shifter Bushing
- (1) Grease Packet

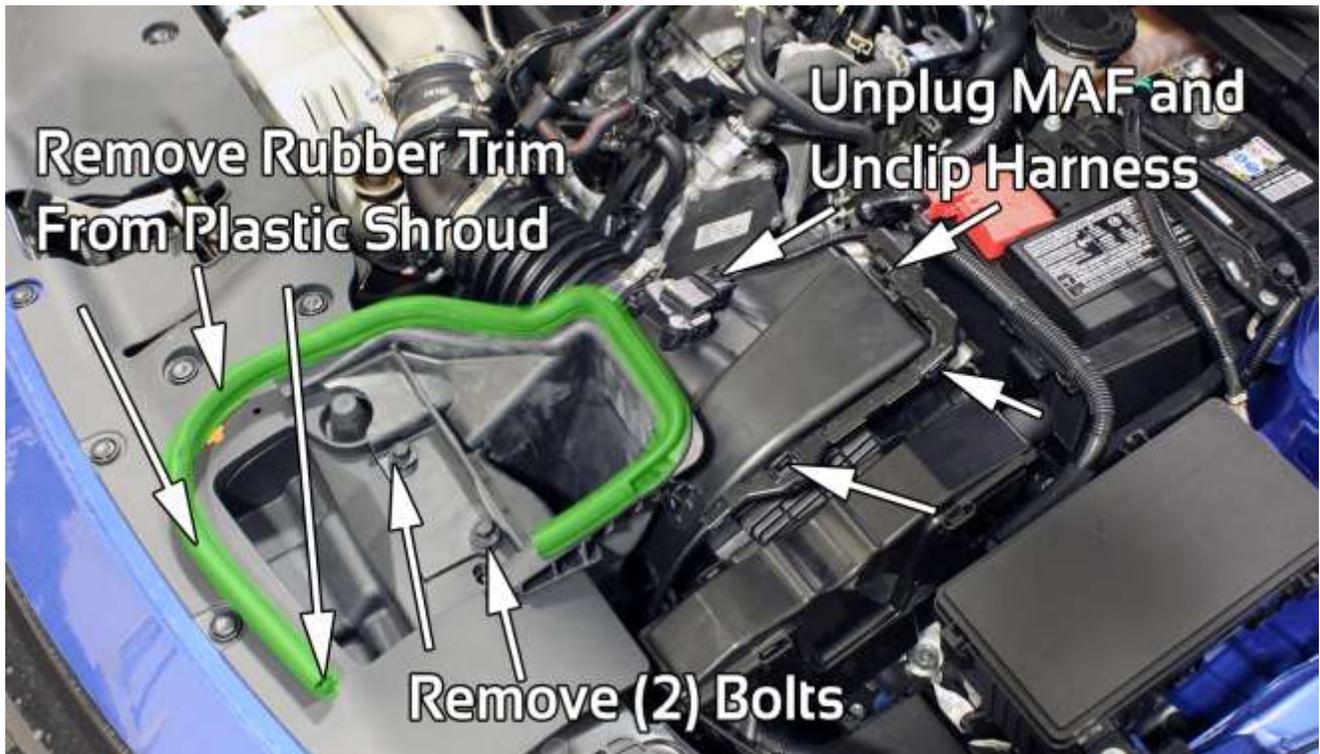
### Strut Bar Instructions:

- 1) Disconnect negative terminal of battery and move out of way making sure it does not make contact with the terminal.
- 2) Remove positive terminal from battery and move out of way, making sure it does not make contact with the terminal again.
- 3) Loosen (2) 10mm nuts (used to secure battery and battery tie down bracket) to the point that each of the threaded rods can be removed from the car. Carefully lift battery from engine bay. **NOTE: 1.5L models will require the removal of the aluminum battery shield as shown in picture. 2.0L engines do not have this panel.**



1.5L engine bay shown. 2.0L engine bay looks the same as far as where the battery location is and how it is removed.

- 4) All models with 1.5L engines can skip to step to step (11). 2.0L engines must continue with steps below to remove intake system to allow better access to shifter cables and bushings.
- 5) Locate rubber trim piece as shown and remove from plastic radiator cover (leave attached to rubber snorkel). These small clips do not always un-snap from plastic shroud, but rather pull out of rubber piece. If this happens remove plastic fitting and reinstall into rubber trim.



2.0L engine bay shown above.

- 6) Unplug MAF sensor from intake and unclip from airbox.
- 7) Remove (2) 10mm bolts securing air box to chassis and loosen clamps securing intake hose to airbox.



2.0L engine bay shown above.

- 8) Remove rubber snorkel from front portion of air box. **Note: Spraying small rubber connection point with a spray lube will make removing (and installing) much easier.**
- 9) Remove air box from engine bay by pulling straight up. **Note: This is held in place by a rubber ball and socket connection, so it may seem like there is a bolt still holding it in place, but there is not.**



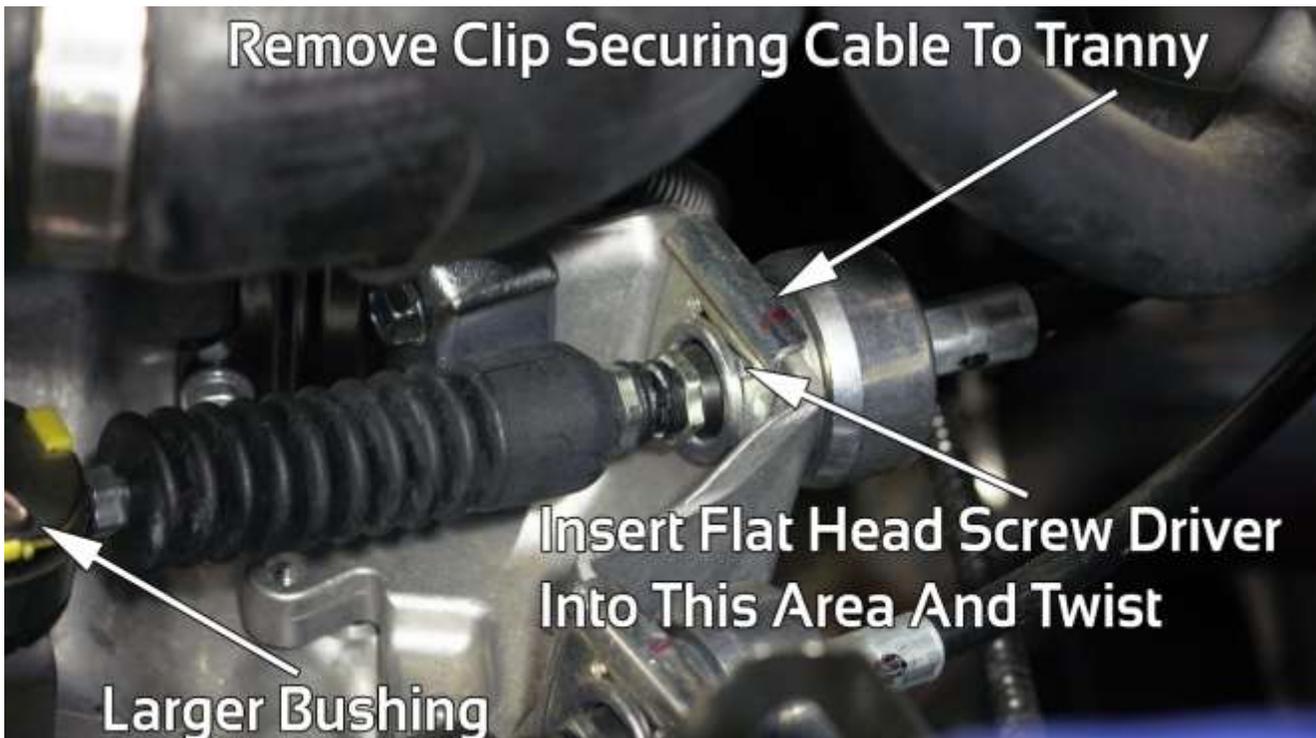
2.0L engine/transmission bay shown above.

- 10) Locate shifter cables and take note of wire harness that covers up where they mount to the transmission. Remove (1) 10mm bolt securing wire harness to tranny, and move harness out of the way to expose clip that needs to be removed in steps below.



2.0L engine/transmission bay shown above.

- 11) Locate larger bushing (controls front to back movement of shifter) on transmission and remove clip securing cable to bracket to transmission. 1.5L and 2.0L vehicles have different placements for the shifter cables. Take note of this while looking at the pictures above and below. **Note: Use a flat head screw driver in the small gap between the cable and the clip, then twist to work clip off of cable.**



1.5L transmission shown above with larger bushing closer to engine. Larger bushing on 2.0L transmission is further away from engine (as shown in pictures on step 10).

## Remove Pin Securing Bushing To Shifter Arm



- 12) Locate and remove small pin/clip securing larger bushing to pivot. Pull up slightly to free from shifter mechanism and lift shifter cable from bracket and pivot. **NOTE: Potential shifter cable damage can occur if cables are pulled up too far or angle too far from center. See the picture above showing the limited angle that can be had from the cable. Take great care not to force the cables in the wrong direction over the next few steps.**

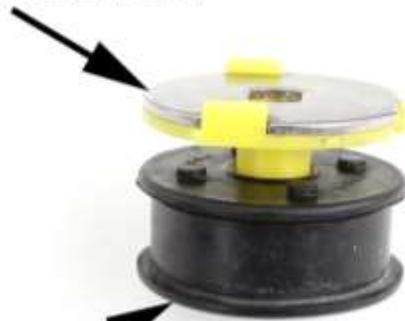
## Insert Screwdriver Into Bushing...



**And Pry Out  
At An Angle**

- 13) With cable free, insert screw driver (or any small tool) into hole of shifter bushing, and pry bushing from cable. **NOTE: Take extreme care not to bend cable beyond the angle as shown, or damage may occur.**

## Pry Bushing Sleeve...



## From Rubber Bushing

- 14) Remove plastic bushing sleeve from rubber bushing by carefully prying between each piece, working from one side to the other with a flat head screw driver.

- 15) Install ALTA Shifter Bushing into cable making sure to install larger diameter toward the transmission side. **NOTE: This bushing will take some force to install and will snap into place once o-ring passes the cable. Putting a small amount of the included grease on this will help it install a little easier.**

## Install Bushing With Larger Side Toward Tranny



- 16) Apply grease to outer portion of yellow plastic bushing sleeve and to inside of ALTA Shifter bushing. Snap bushing sleeve into ALTA shifter bushing until it snaps into bottom of bushing. If installed correctly, OEM sleeve should spin freely in ALTA Bushing.

## Install Bushing Sleeve Into ALTA Bushing Until It Snaps Into Bottom



# ALTA Shifter Bushing And OEM Bushing Sleeve Installed



- 17) Reinstall cable onto pivot and into bracket on transmission. Install pin/clip to hold bushing in place.
- 18) Using a hammer, or hammer and large punch, reinstall large clip that secures cable to bracket on transmission. This will require some force to get cable fully seated. Make sure and aim clip in a way that allows for a clear path to use a hammer or hammer and punch to install clip.
- 19) Double check that all gears are selectable from the shifter inside the car. Make sure there is no additional clunking going on. If any strange noises are found, this could be from something about the installation not being completed correctly. Double check the cable is not loose on either the shift linkage or the bracket on the transmission.
- 20) Reinstall intake system (if removed earlier), reinstall battery physically back to the car, connect positive battery terminal and then connect negative battery terminal.

Questions, Comments and Suggestions Contact: [Tech@ALTAperformance.com](mailto:Tech@ALTAperformance.com)  
Visit Our Website for Instant Chat Options at <http://www.ALTAperformance.com>  
Call Our Tech Team at 503-693-1702