TCI® 619575 2010-2012 Mustang Ratchet Shifter

Step 1: Apply parking brake and put shifter in **D** position. Disconnect Battery. Raise vehicle and **secure** with jack stands.

Step 2: Remove shifter bezel by gently prying up on both sides and ends. Do NOT pry up in one area!

Step 3: After removing bezel, remove top of center console by removing the (2) nuts at the rear, under arm rest. (**Figure 1**)

Step 4: With a flat screwdriver, gently pry up the back of the center of the console as shown in **figure 2** and lift up. Before completely removing, you will need to unplug the switch on the driver's side at the front.

Step 5: Gently squeeze the lower area of the parking brake boot on each side and lift up. The boot will stay on the arm, but will be detached from the main console. Remove the (2) screws at front of console and remove center console (**Figure 3**) and gently pull out the side panels of console under the main dash area as shown in **figure 4** and lift the console up from the rear and remove. **NOTE: If there is a power outlet in the rear of the console, be sure to unplug it before removing it!**

Step 6: Unplug the plug from the rear passenger side of the factory shifter and pull to the side.

Step 7: From underneath the car use a flat screwdriver and pry out the locking tab on the shifter cable end and at the same time, push up. Then pry the connector off of the shift arm. (**Figure 5**)

Step 8: Using a small screwdriver press the locking ear on the shifter cable locking clip where it protrudes through the cable support arm and at the same time push up on the small tab shown in **figure 6**. Do the same to the tab on the upper ear while pulling the cable outward toward the drivers' side. If top tab does not release, then use the screwdriver to gently pry out of arm.

Step 9: From inside remove the (4) nuts that are holding the shifter down and remove shifter.

Step 10: Install new TCI shifter and carefully snug the (4) nuts down in a criss-cross manner. **THIS IS VERY IMPORTANT!!** Using a torque wrench, torque them down evenly in a criss-cross pattern to **80 inch pounds**. If this is not done correctly, damage **will** occur to shifter! Plug the harness into the shifter.

Step 11: Re-connect battery and turn ignition on and make sure the shift indicator on shifter lights up and cycle thru the gears and put in the **D position**. From under vehicle, reattach cable to cable support arm.

Step 12: Align shifter cable end with the shift arm and attach. **Be careful and do not cycle cable thru the gears when attaching to shifter!** If this happens, you must put transmission back into the D (4th gear) position! You can verify this by pulling the shift lever to the rear position. This is **PARK** . Then push arm forward 3 clicks. You should feel the detents in the transmission when you do this.

Step 13: Put shifter in **PARK** position and re-connect battery cables. Turn ignition key on and make sure the shift indicator illuminates an amber color in Park only. Now you can lower vehicle.

Step 14: Re-install center console pieces and shifter bezel in reverse order of removal in Steps 2-5.

Shifter Operation:

To move shifter from **PARK** position, you must have the ignition on and depress the brake pedal. Then pull back on Park Release Arm and while holding arm, pull back on shifter handle and put in desired position. To ratchet the shifter, put it in **D** position and pull handle back. You should feel it ratchet. You must ratchet back for each gear. You do not need to hold the Park Release Arm while ratcheting the shifter. To put shifter back into Neutral, Reverse or Park, you must pull back on the Park Release Arm. To turn the Overdrive off, you must depress the **O/D** button located above the Park position. To ensure this is working properly, the O/D light in the dash should illuminate O/D OFF.
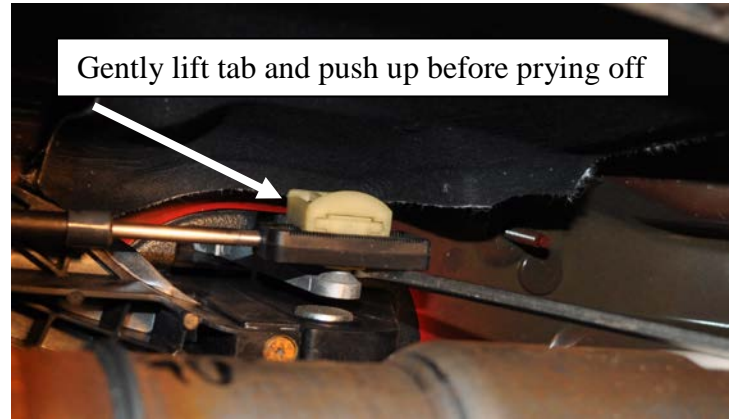
Remove these nuts. See Steps 3 & 5

Figure 1

Figure 2

Remove this screw & one exact opposite of it. See Step 5

Figure 3

Figure 4

Gently lift tab and push up before prying off

Figure 5

Insert Small blade flat screwdriver here and push on lock tab
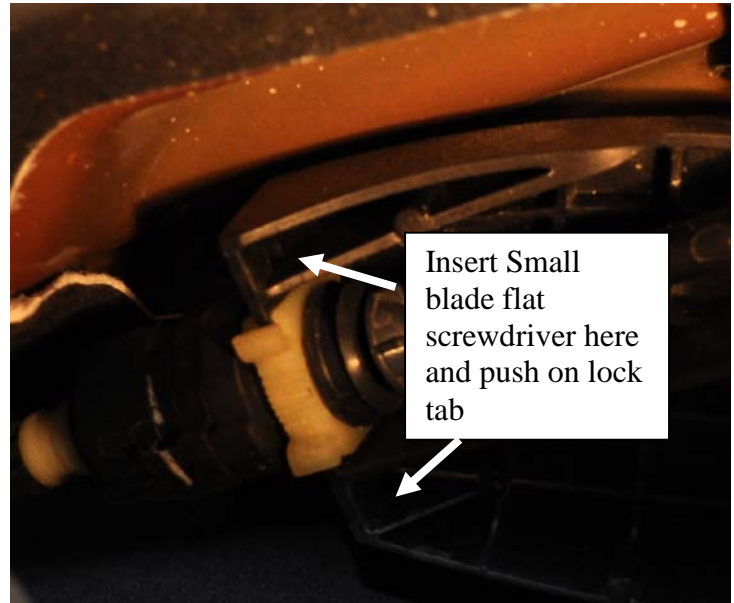
Figure 6

ATTENTION!!!
If you experience a light issue with the Indicator, you must check the shifter cable adjustment! Ignoring this can cause transmission damage!

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