

# How to install Shelby Clutch Remote Reservoir Kit for 2010 to 2014 Mustangs all engine base (with manual transmission)

## Tools

10mm socket

13mm socket

Drive ratchet

Pliers

Vacuum pump with a 1-5/8in rubber stopper or a 34mm sink plug

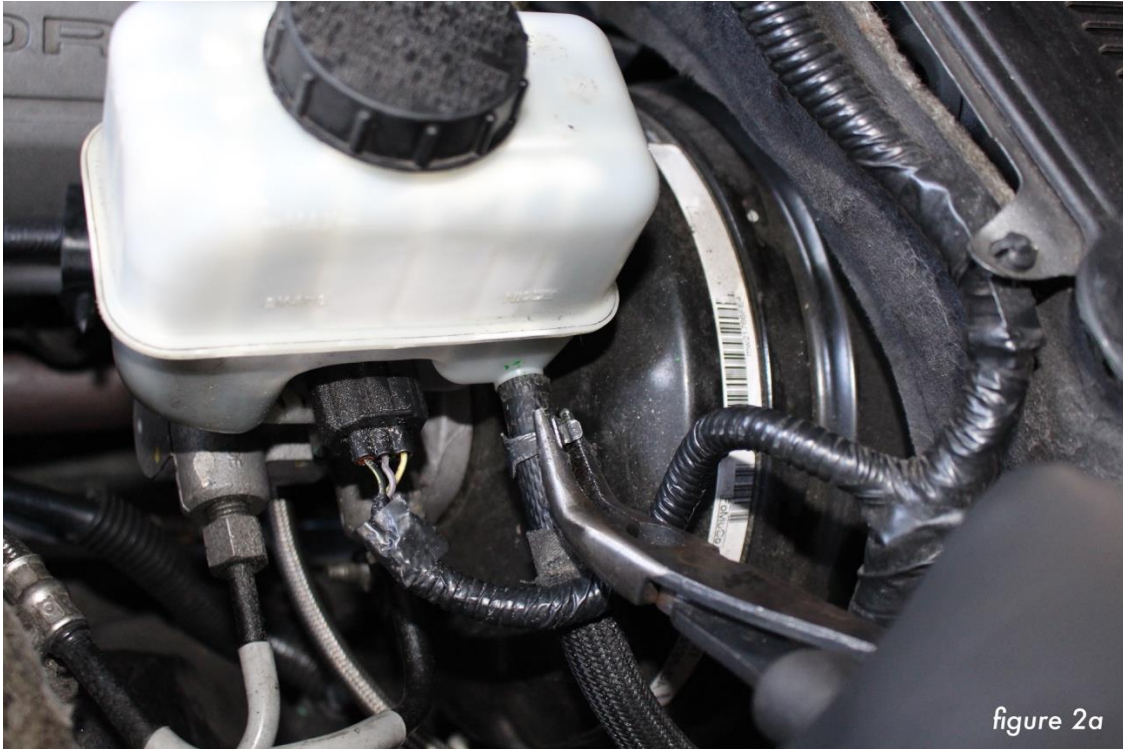
Latex gloves

And a towel



## Install

1. start by using the pliers to pull back the hose clamp that connects the clutch pedal hose to the master cylinder figure 2a. And disconnect the hose from the master cylinder figure 2b.





2. Insert the rubber cone seal and the rubber cover boot (provided in the kit), on the exposed master cylinder nipple. In the sequence of rubber cone seal 1st *figure 3b*, then the rubber cover boot 2nd *figure 3c*.

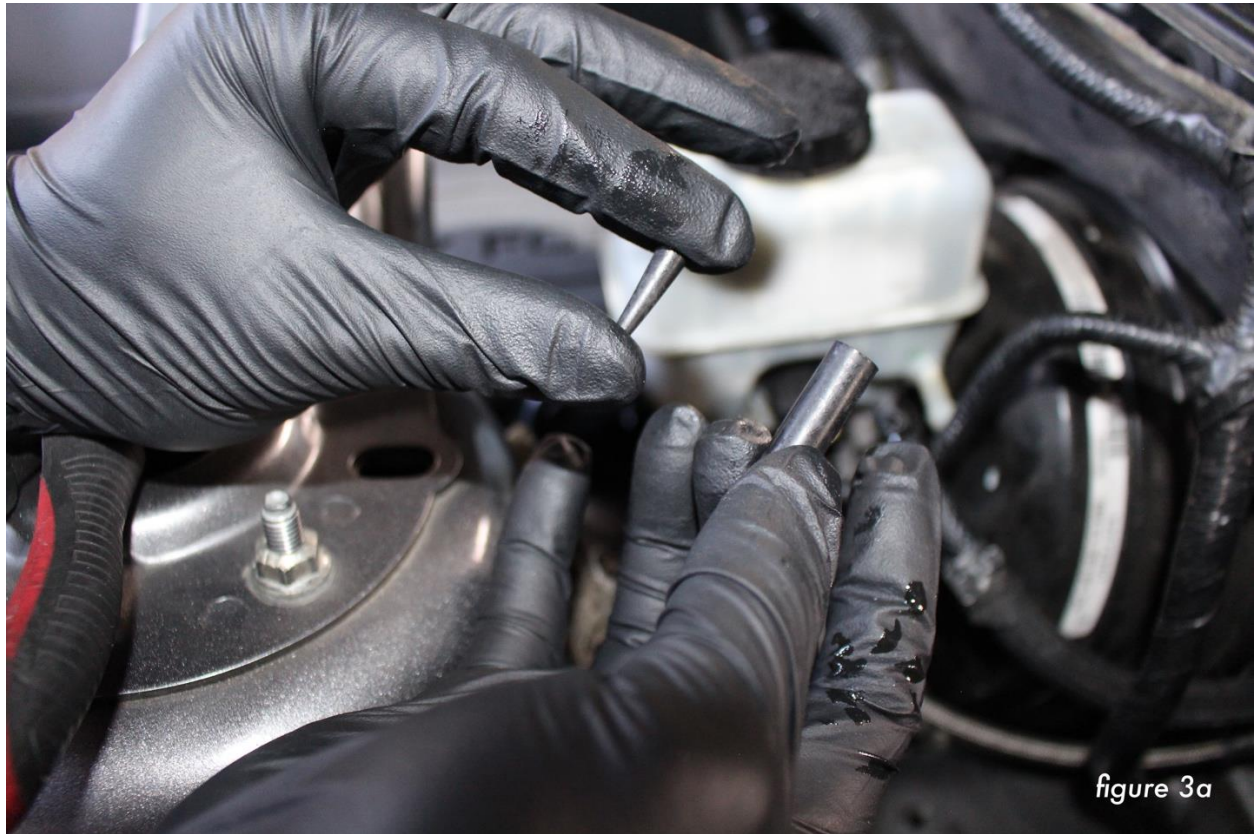




figure 3c

3. Using the 13mm socket unscrew the 13mm nut underneath the master cylinder holding the master cylinder to the brake booster figure 4a (do not discard the nut, it will be reused)

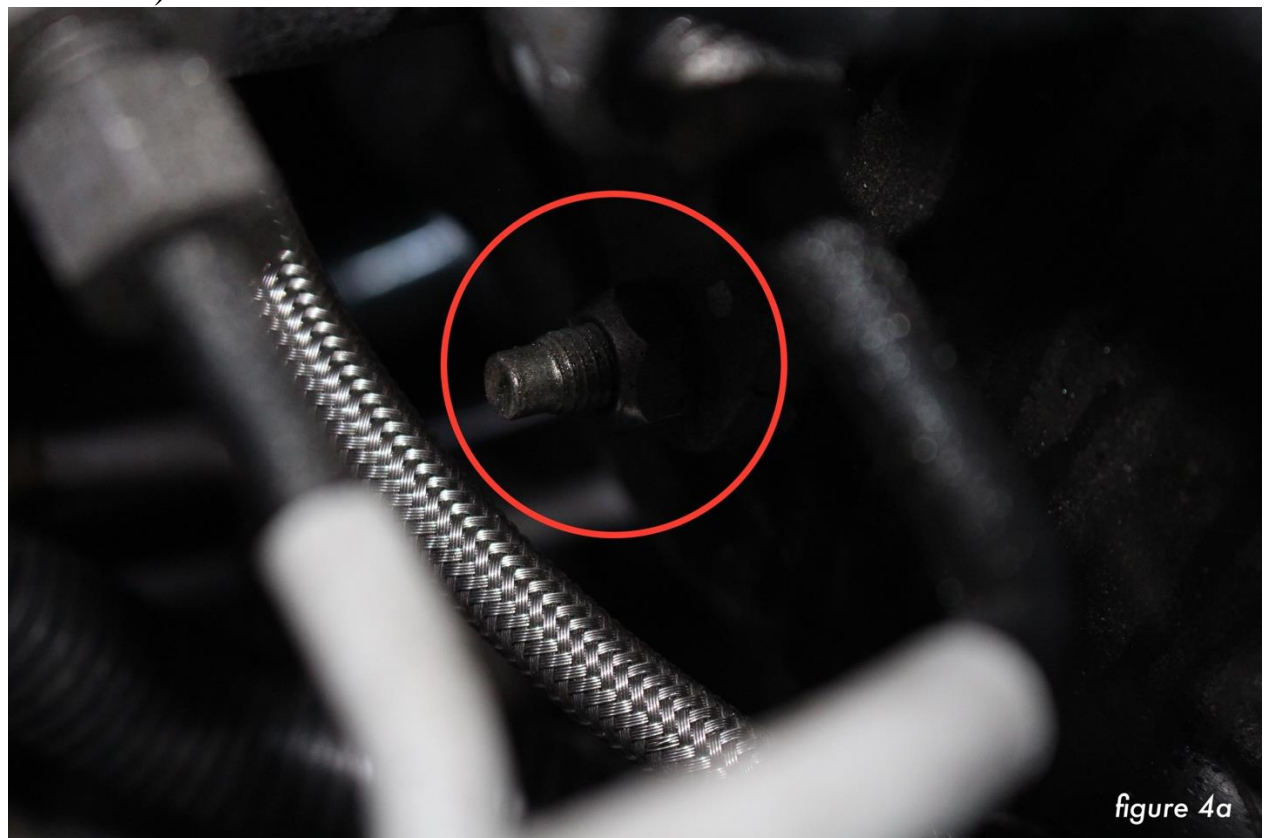
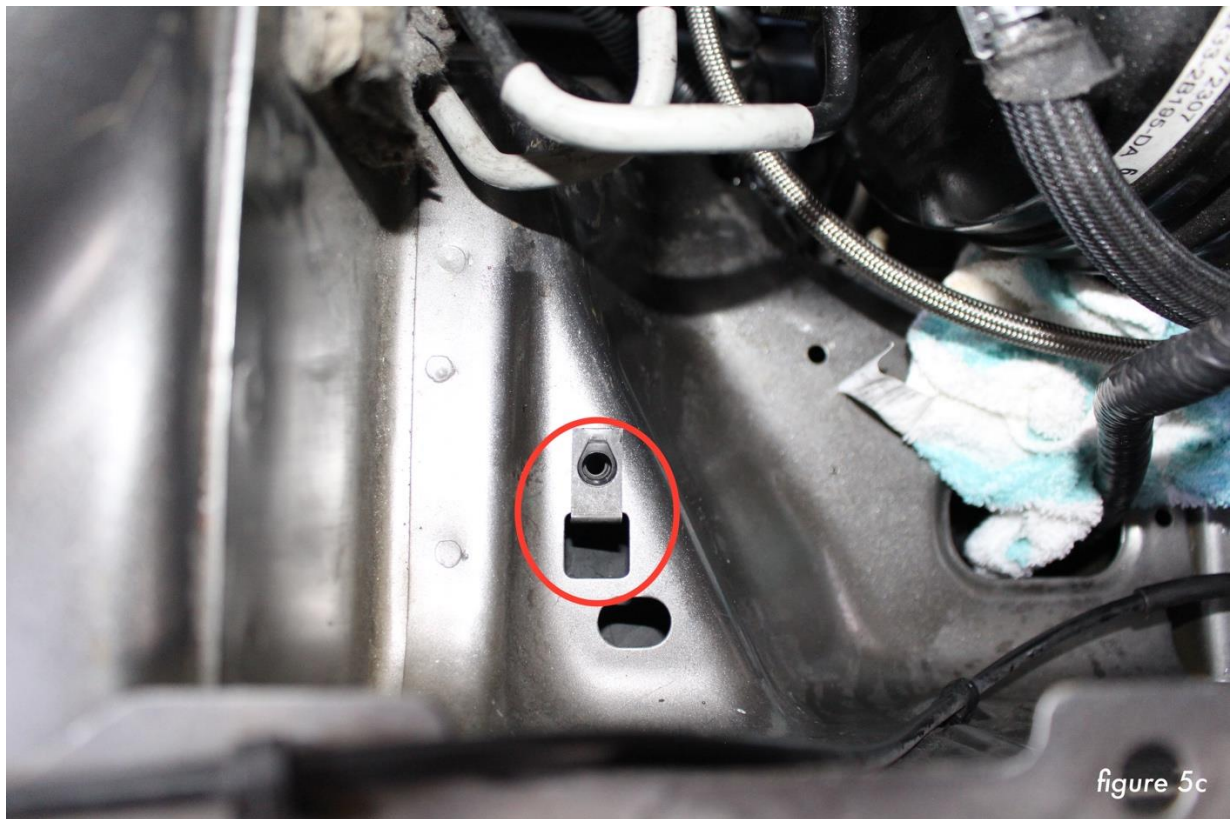


figure 4a

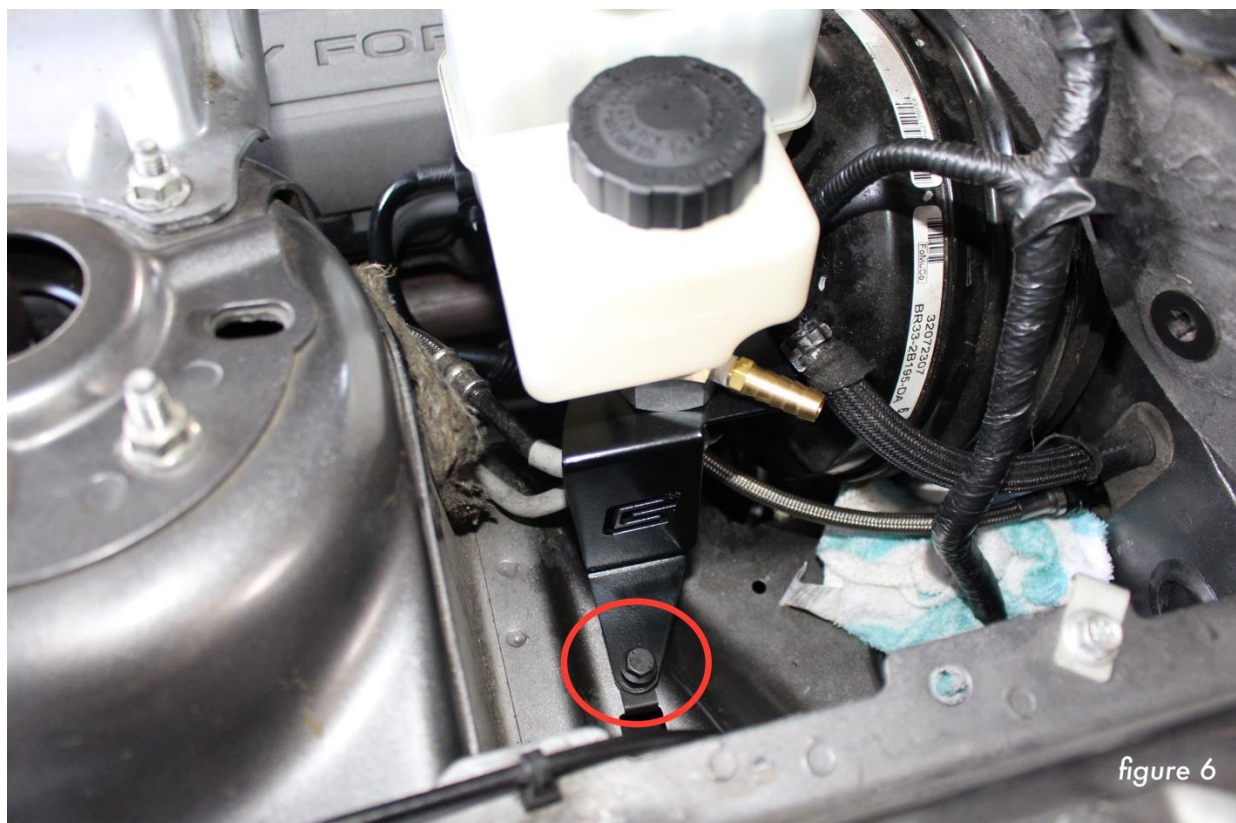


4. Properly insert the clip nut provided in the kit *figure 5c*. Using the two openings already pre cut on your chassis, at the bottom of the strut tower wall *figure 5b*.





5. Now set your clutch reservoir in place with the Shelby American logo facing the driver side fender, align the brackets with the clip nut and the master cylinder stud and secure the brackets with the 13mm nut you previously removed from the master cylinder stud and the 10mm bolt provided in the kit.





6. Plug the clutch pedal hose into your new reservoir nipple, using the pliers again pull the hose clamp towards the nipple base to secure the hose.



figure 7

7. Fill the reservoir up to the max level with your clutch/brake fluid. (DOT 3 is recommended)



figure 8

**8. NOTE: Make sure your rubber stopper and vacuum pump set is clean before starting this procedure.**

To regain pedal feel or to be sure there's no air in your lines; Using the vacuum pump set, plug the rubber stopper into the top of the reservoir *figure 9a*, sealing all air entrance and follow the steps

- i. Vacuum to 20 In-hg and hold the vacuum at that 20 In-hg for 1 minute.

*figure 9b*

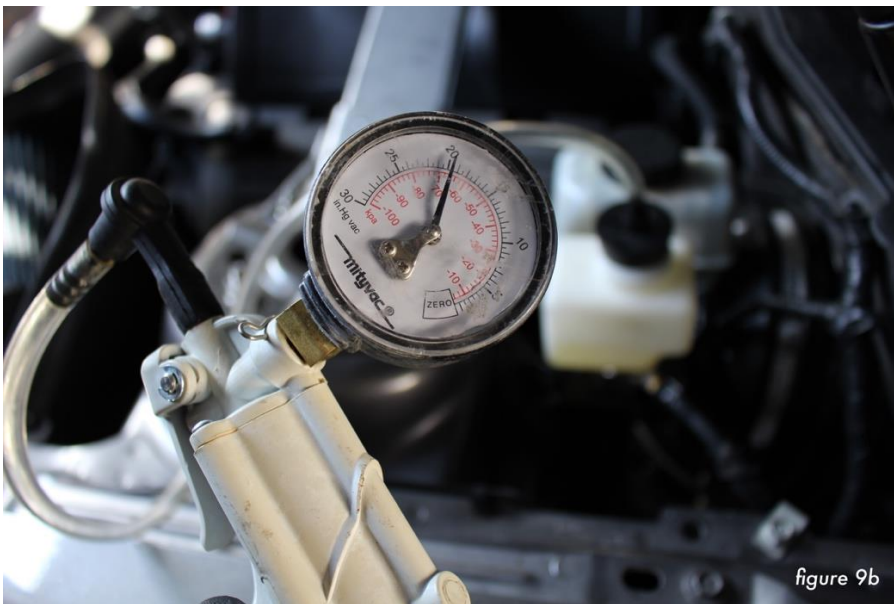
- ii. Then release the vacuum. *figure 9c*

- iii. Pump the clutch pedal 10 times. *figure 9d*

Repeat 4 times if you lost pedal feel, repeat once if you did not.



*figure 9a*



*figure 9b*





figure 9c



figure 9d

9. Clean up any mess or brake fluid spills (carefully using a brake cleaner is recommended).



figure 10

10. Inspect your install make sure there's no leaks, the bracket, bolt and nut is in place and firmly secured. Reinstall all other hardware(s) you may have removed. You're done installing your new Shelby ISO clutch reservoir Good job!



figure 11a





figure 11b

Install by Miracle Akuma AM customer  
On his 2014 Mustang GT (code name FR017)  
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