

p/n 8025 HecticParts.com high volume S197 Mustang clutch line installation

These instructions are courtesy of member Grimace427 from allfordmustangs.com to whom we are very grateful for his contributions and insight



Louramore Engineering p/n 8025 High volume clutch line and fitting kit

Precautions:

The vehicle's clutch is operated by hydraulics and shares fluid with the brake system. If you are unsure of your technical abilities seek professional assistance to help prevent possibly dangerous mistakes. Brake fluid can be dangerous to your health, environment, and your vehicle's paint. Ensure you have rags to absorb spilled fluid and clean painted areas with mild soap and water. Safety glasses are required to protect your eyes from possible injury.

Tools:



No special tools are required for this installation.

- Flashlight or shop light
- 10mm socket and ratchet, or wrench
- Metal pick, preferably 45 degree offset
- Long angled needle nose pliers or hose pliers (optional)

Install:

Begin by raising the front of the vehicle either by using ramps or jack stands. Secure the vehicle by using the parking brake and chock the rear wheels. Let vehicle cool as part of the working area will be next to the catalytic converter which gets very hot.

Step One:



Remove the sound tube from the firewall next to the brake booster. Remove the 10mm bolt and pull the end of the sound tube out if it's grommet.

Step Two:



Identify the clutch line at the firewall as the lower of the two lines. Using the metal pick loosen and remove the small metal retaining clip (Be very careful not to drop this clip as it is easy to lose). Place a rag under the line and pull it out of the fitting. Approximately 5 tbs of brake fluid will run out of the fitting.

Step Three:



Underneath the vehicle identify the end of the clutch line going into a black 90 degree plastic elbow fitting at the upper left side of the transmission bell housing. Use the pick to again loosen the metal retaining clip, however leave it inside the fitting to make the installation of the new line easier. The clip is designed to stay in the fitting while allowing the line to be removed.

CAUTION: When removing the line do not place your head directly underneath as brake fluid will drain out of the line and can get into your eyes.

Step Four:



Remove the stock clutch line from the vehicle. This can be done from the top or bottom.

Step Five:



From the engine compartment insert the new steel braided line into the fitting at the firewall and snake the end down the firewall to the transmission. Reinsert the small retaining clip at the firewall fitting. Use a wire tie/zip tie to secure the new line to the wiring harness running at the back of the driver's side cylinder head. This will keep the new line from contacting the exhaust system.

Step Six:



Insert the end of the clutch line into the 90 degree fitting on the transmission. For those with the factory catalytic converters this area is very tight and it may not be possible to fit your hand all the way up to the fitting. For this you can use long angled needle nose pliers or hose pliers to bend the line down vertically. Reinsert the metal retaining clip to complete the installation.

Bleed The Clutch System:

After installation the clutch release system will need to be bled. This is accomplished by simply pumping the pedal 100 times. Note, at first the pedal may go to the floor and you will need to pump the pedal by hand. When the clutch is fully bleed check the brake fluid reservoir and correct as needed.

Ensure proper clutch operation:

Check the operation of the clutch by raising the rear wheels off the ground and run the shifter through all gears. Secure the front wheels and start the engine. Fully depress the clutch and shift into first gear while watching the rear wheels. If they move or if you feel resistance in the shifter, you may need to continue bleeding the clutch system. If the rear wheels remain still slowly release the clutch and note the engagement point. If you feel comfortable with the clutch disengagement perform a road test.

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Thanks

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Enjoy your HecticParts.com high volume clutch line!