Front Caliper (With Bracket) Install Guide

1999-2002 Mustang GT or V6

NOTE: These instructions are for the front driver side caliper, but can also be applied to the passenger side front caliper as well. The same mm size bolts are used in the same areas.

Installation Time

One / Two Hours

Tools Required

16mm Wrench 15mm Wrench 12mm Wrench Brake Temperature Rated Anti-Seize Brake Clean Catch Pan Rags **Optional** Ratchet with sockets for the above mm

Before you start

Lift the car up on the side that will be worked on. Place jack stands under the car's frame, and the tire under the frame as well, for added security. The ratchet is for convenience, once the bolts are loosened with the wrench, it can be taken off & tightened with the ratchet.

Step One

Using a 16mm wrench, unbolt the brake line. Have a catch pan to catch the brake fluid, and a rag to clean

where it spilt. ***Warning***: Brake fluid is highly corrosive and will damage where paint or metal is exposed to it. Use a rag and brake cleaner to clean off any areas the brake fluid may have split.

Note You won't need the old bolt or the washers for the brake line, as the



new caliper comes with them.

Step Two

Using a 12mm wrench, loosen the two bolts holding on the caliper.



Step Three

Remove the top bolt that was loosened, pull the caliper back. Take out the brake pads. Put the caliper back in place.

Step Four

Using a 15mm wrench, remove the two bolts holding the caliper bracket on. (Sockets are in place of the bolts to show where the bolts are located behind the caliper)

Maintenance

Now is a good time to check in the wheel well for leaking or rusted through parts. These things can be checked just by looking at them sitting in front of the wheel well. --- Inspect the brake line to make sure there are no leaks. Inspect the shocks, insure that they are not leaking or rusted badly. --- Check the rotor to see if it is not rusted badly or broken. --- Check the brake pads and the life remaining on them. If the pad is worn out, change out both sides of the front. Brake pads should always be changed in pairs. The front two wheels or the rear two wheels. --- Calipers are different and will usually last the life of the car, so if one is replaced and the other is in good condition, there is no need to replace both. Just the bad one. --- Inspect tie rods. Make sure they aren't bent. --- Check Springs and bushings.



Step Five

With the two 15mm bolts removed, the caliper and bracket should come off the rotor.



Step Six

Apply Anti-Seize to both clips and both the brake pads. Make sure to not get any on where the brake pads make contact with the rotor.





Step Seven

Assemble the clips inside the caliper. Use the old caliper as a reference for how they should be laid out. Insert your brake pads. The pistons will be compressed already so they will be in place.



Step Eight

Put the entire new caliper on to the rotor, aligning the holes so that the 15mm bolts can be screwed in. Using a 15mm wrench or ratchet, tighten the two bolts. (This is the opposite of step four)



Step Nine

Make sure the 13mm bracket bolts are tightened. They should be tightened from the box



Step Ten

Put a washer on the new brake bleeding bolt, then the brake line, then another washer. It should look like this:



In picture, on the bolt: Washer - Brake Line - Washer – 16mm Wrench

Using a 16mm wrench or ratchet, tighten the bolt down.

Step Eleven

Now that the new caliper is installed, the brake system must be bled to get rid of any air that may have made its way into the system while the brake line was off.

Enjoy your new caliper!



Installation Guide Created and Submitted by AmericanMuscle Customer Matthew R. on 10.20.16

*** Disclaimer: I am not liable for any broken bolts, stripped bolts, broken pieces, failure of pieces, brake failure, any damage to you or your car what so ever, ect.. This is a general guide and should be used with caution. Brakes are a vital component to the vehicle. Please ensure you know what you are doing and if you have any questions or concerns at all contact a professional before proceeding. ***