



## Slingshot Big Brake Kit



This big brake kit for the Slingshot offers 14” rotors as well as fixed Wilwood calipers. This improves the braking feel, performance, and longevity.

Installation time of the big brake kit depends on you and your mechanical skills. It is suggested that you read through the directions a few times to familiarize yourself with the components of the kit, and your car.

If you are pretty handy with tools the big brake kit can be installed in 60 minutes, however we suggest that you schedule at least a couple of hours for the installation. If you have any ques-

tions during the installation you can call us at (864) 907-6004 or email us at [Tech@ddmworks.com](mailto:Tech@ddmworks.com).

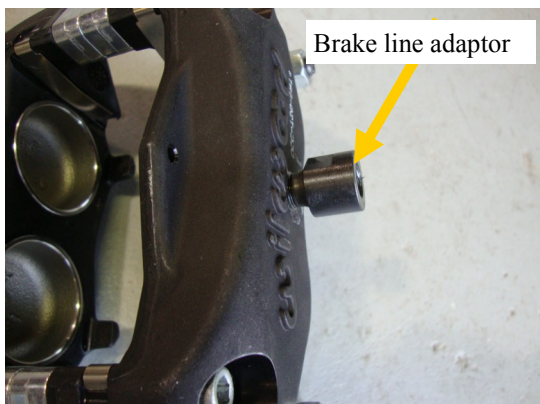
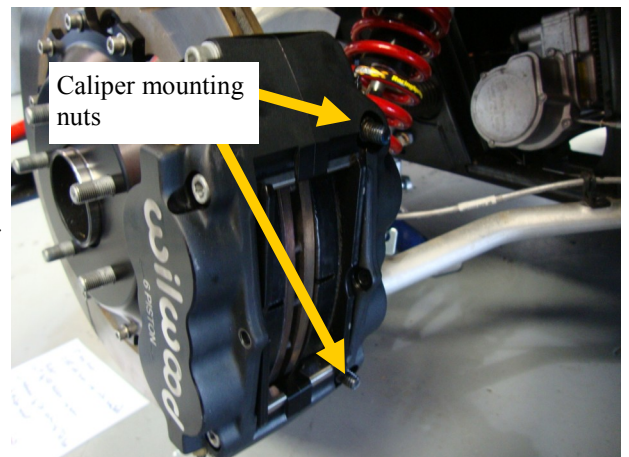
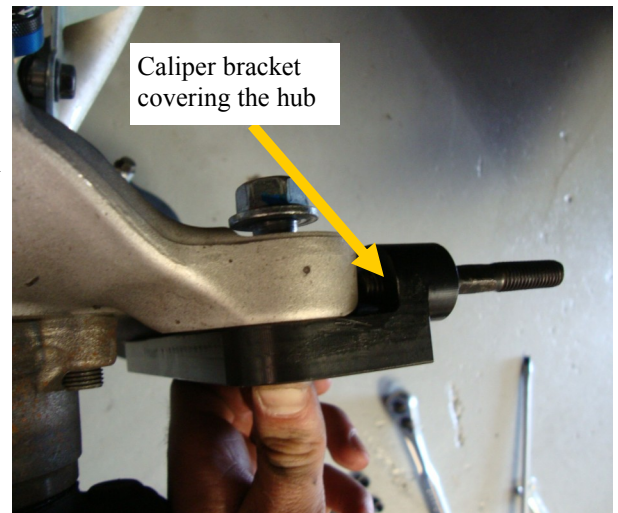
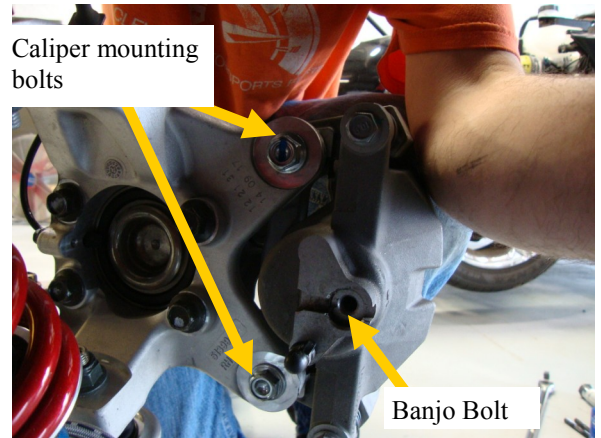
### TOOLS NEEDED

Thread locker	Torque wrench
Socket wrench	1/4” open ended wrench
17mm Socket	
12mm Socket	
15mm wrench	
7/16” 12 point deep socket	
7/16 wrench	
3/16 allen key	



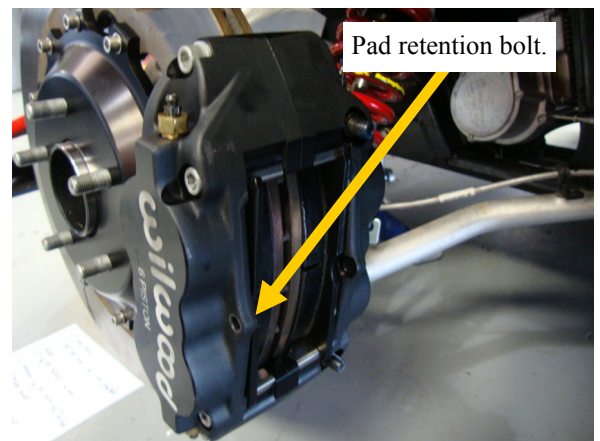
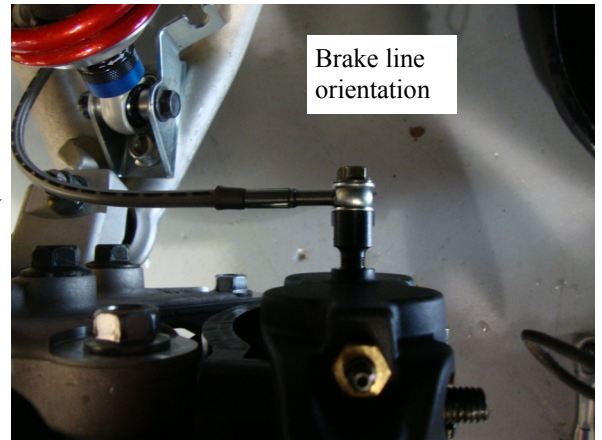
## Installing the Slingshot big brake kit

1. The first thing you need to do is to safely put the front of the vehicle up in the air with jack stands so you have enough space to be able to get the front wheels off. Once in the air remove the wheels from the car.
2. Once the wheels are off you will need to remove the banjo bolt which mounts the brake line to the caliper. Using a socket, remove the bolt and have a drip tray ready to catch the brake fluid which will leak out.
3. Once the brake line is removed from the caliper the caliper can be removed from the hub. There are two bolts which hold it on. Remove these and the caliper will come off the hub.
4. Next the rotor will need to be removed. Sometimes it is necessary to use a soft hammer to hit the back of the rotor to separate from the hub. Once loose the rotor will just slide off the hub.
5. Once the rotor is removed you can now install the caliper bracket onto the hub. This is done by placing the bracket on the outside of the hub mounting where the stock caliper mounted. Install using the stock bolts using thread locker. Also when installed correctly bracket should cover the outside of the hub.
6. Next the new 14" rotor can be installed. Depending on the rotor option selected there might be a directional arrow on the outside edge of the rotor. Make sure that this arrow goes in the correct direction of rotation and slide the rotor over the studs and onto the hub.
7. The caliper can now be installed. Each caliper has a directional arrow on it. Make sure the arrow is correct for the direction of rotation each side and slide the caliper over the rotor and onto the studs on the mounting bracket. Tighten with the two twelve point nuts using thread locker. Torque to 40 ftlbs.
8. Once the caliper is bolted down the brake line adaptor can be installed. Thread the adaptor into the back of the caliper and tighten snug. It will not bottom out like a bolt since it is a tapered thread.



## Installing the big brake kit

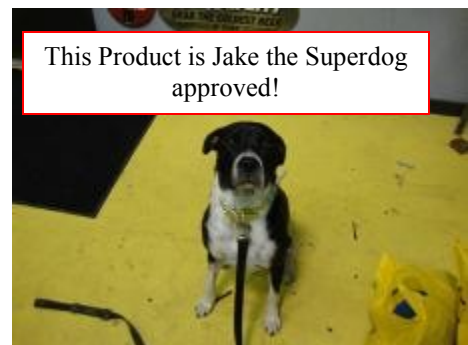
- Next you can install the brake line to the brake line adaptor. The brake line should be oriented so it is pointing towards the center of the rotor. Torque the banjo bolt to 20ftlbs.
- Next you can install the brake pads between the rotor and the caliper. To do this, you need to remove the caliper retention bolt on the caliper. Then the pads can be installed by sliding the pads between the rotor and caliper. The metal side of the pad goes against the caliper. The caliper bolt can be reinstalled to hold the pads in place.
- Now thoroughly bleed the brakes. Once that is done apply pressure to the brake pedal for a few minutes to check for leaks where the brake caliper mounts to the brake line. If there is a leak, loosen the banjo bolt and tighten the brake line adaptor more and retorque the banjo bolt. Repeat bleeding and checking for leaks until no leaks are found.
- Once there are no leaks you can bed the brake pads and enjoy your big brake upgrade.



**Congratulations!** You have finished the install. All of us here at DDMWorks thank you for your purchase and hope you enjoy your big brake kit.

**If you have any questions feel free to give us a call or text us at 864-907-6004. You can also email us at [Tech@ddmworks.com](mailto:Tech@ddmworks.com).**

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