

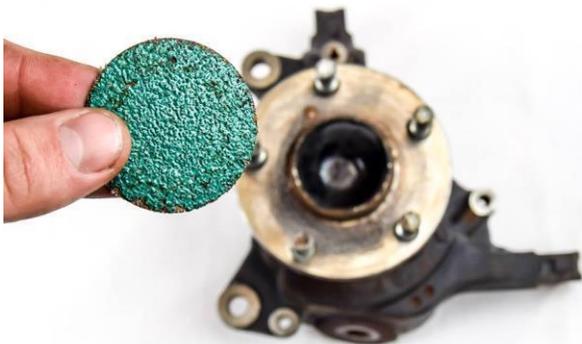
Subaru, FR-S, GT-86 ATS Brake Swap



First start by removing your stock caliper and rotor until you are all the way down to the hub like shown in the first picture.



Next either remove your dust shield but taking out these three bolts circled in red. Or if you wish to keep it, simply trim the dust shield where it contacts your new rotor and caliper.



Then take some sand paper or an abrasive pad and clean off the hubs surface of any debris or corrosion.



For this next step you will need a drill and a 9/16" drill bit. You will need to drill out the top caliper mounting hole to accept the larger 14mm bolt that the ATS caliper requires.



In this step you will take the included M14x2.0 tap and tap the bottom caliper mounting hole. This will hold your bracket stationary. If you do not wish to tap your spindle you can pick up a M12x1.25x55 bolt and a M12x1.25 nut to secure the bracket.



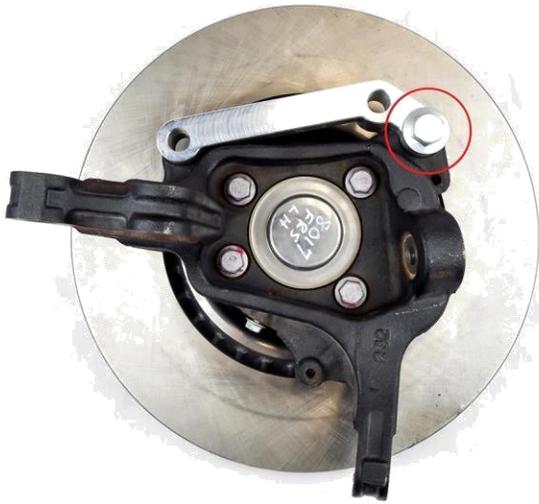
Next grab your rotor spacer and make sure the chamfered edge is facing towards the hub surface.



Place the spacer down on the hub as shown.



Next place the rotor on top of the spacer and screw on two lug nuts to keep the rotor secure.



Place the bracket on to the back of the spindle with the raised section facing the rotor as shown. Begin to thread the short M14 bolt supplied with the kit into the mounting hole you tapped earlier. Don't tighten the bolt all the way yet, make sure you can still swing the bracket around.



Next place the caliper on the bracket with the bleeders facing up. Begin to thread in the two longer M14 bolts supplied with the kit into the caliper as shown. Snug all three bolts evenly before tightening them all the way down.



Repeat these steps for the other side then finally install your pads, caliper hardware kit, brake lines and enjoy your new big break kit!

Parts Required

2013- 2015 Cadillac ATS Brembo Calipers with hardware kit

Left caliper- Ac Delco Part Number 172-2777, GM Part Number- 84089034

Right Caliper- Ac Delco Part Number 172-2768, GM Part Number- 84089035

Caliper Hardware Kit- Carlson Part Number H5869

OR Ac Delco part number 18K1971X

2004 Subaru STI 5x100 12.8" rotors

High Carbon Blank Rotors- Centric Part Number 125.47019

Drilled Rotors- Stoptech Part Number 128.47019L & 128.47019R

Slotted Rotors- Stoptech Part Number 126.47019SL & 126.47019SR

Drilled and Slotted Rotors- Stoptech Part Number 127.47019L & 127.47019R

You can use whichever brand rotors you like as long as they are 2004 5x100 bolt pattern 12.8" STI rotors

2004-2007 Cadillac CTS-V Brake Pads

(Same pads as the ATS pads but easier to find aftermarket replacements)

Ac Delco Part Number- 17D1050M

You can use whichever brand brake pads you want as long as they are for a 2004-2007 Cadillac CTS-V with Brembo calipers

Stainless Braided Brake lines (optional)

Centric Part Number- 950.44034