

Attention: Before modifying, painting, or powder coating any part of this kit, please trial fit all components and check rim clearance. We recommend you run 15" or larger wheels with this kit. We do not support the use of 14" wheels on this kit.

****This kit requires a 2.5" axle offset anything outside of that could cause fitment issues. Please see guide on pg 13 to measure axle offset.****

Modified, Painted, and Powder Coated parts are not returnable!

Kit Contents:

____ Pair of Rotors (BR25C for plain rotors, BR25ZDC rotors for drilled and slotted rotors) These are 1979 -81 Firebird Rotors.

____ Pair of calipers for ebrake kit (**BC4748N** for a non-staggered shocks kit) **BC4848N** calipers for a staggered shocks kit (if powder coated calipers were selected there will be a letter pertaining to the color of the caliper within the part number as well).
These are 1979 Cadillac El Dorado Rear Calipers.

For non-ebreak kit (**BC3233N** for non-stag **BC33N**(qty 2) for staggered.
These are 1988 S10 Front Calipers.

____ Set of caliper brackets (CMB81 for a non-staggered kit and CMB85 for a staggered)

____ Pair of Flex Hoses (FHK309 for regular, FHK09S for braided stainless)

____ Pair of Dust Shields (DBBP81 for a non-staggered kit, DBBP85 For staggered.

____ Pair of Emergency brake cables

for all A-Body/67 F-Body Part # AFXRD01, **EBCRD1/EBCRD1**

for 68-69 GM F-Body Part # AFXRD05, **EBCRD1/EBCRD2**

for 68-74 GM X-Body Part # AFXRD05, **EBCRD1/EBCRD2**

for 62-67 Nova Part # AFXRD01N, **EBCRD4**

for 70-74 GM F-Body Part # AFXRD06, **EBCRD5/EBCRD6**

for 75-81 GM F-Body Part # AFXRD07, **EBCRD7/EBCRD8**


*Note: The emergency brake cables provided in the kit will fit 64 -72 A Body / 67-81 F Body / 62-74 X Body. Any other application will require the customer to purchase or modify the included cables to work with their application. If you ordered a non-ebreak kit your kit will not contain emergency brake cables.

____ Instruction Packet

* See the back page of the instruction booklet to review the "Pick Ticket" used to pull your order.

Disclaimer:

The Right Stuff values your safety above all things. For this reason, we recommend all brake systems and components be installed by professionals. The installer of the brake parts is responsible for ensuring fitment and suitability of the parts for the vehicle it is being installed on. Brakes should be tested in a controlled open area with success before driving on the road. If you are unsure or uncomfortable with any part of your kit, please call for further instructions from our tech staff before driving.



WARNING

Improper installation of automotive braking systems or components can compromise the ability for a vehicle to stop as intended which could result in serious injury or death.

These instructions are intended to provide the basic guidance needed to install this product on your vehicle, but are not a substitute for the technical expertise needed to ensure proper fitment and function.

Professional installation of this product is recommended for any person that lacks the experience necessary to confidently assure proper installation and function.

Installation Instructions:

Before installing this kit on your car please test fit your rotor with your axle see pg 1 watch the instructional video at www.getdiscbrakes.com under tech center menu.

1. Prepare the car

Begin by securely supporting the car on jack stands. Chock the front wheels to be sure vehicle does not roll. Always work on a flat, even surface. Remove the wheels to gain access to the factory drum brakes.

2. Remove the old drum brakes

"C" Clip Axles

"C" Clip rear ends require you to open the rear housing cover and remove the "C" clips before removing the axles. After removing the clips, your axles should pull out of the axle tubes.

Note: Most "C" clip eliminator kits can be used with our conversion. Due to the wide variety of eliminator kit manufacturers, we can't guarantee their compatibility with our kit. Changes in track width can occur.

After the axles are out, you can unbolt the drum brakes and remove them as a complete assembly. There is no need to remove the drum shoes and hardware before removing the backing plate. Dress the front and back of the axle flange with some steel wool or a wire brush to prepare it for the new caliper brackets.

Drop Out Axles

Unbolt the axle flange from the rear housing to free the axle. After unbolting the flange, your axles should pull out of the axle tubes.

After the axles are out, you can unbolt the drum brakes and remove them as a complete assembly. There is no need to remove the drum shoes and hardware before removing the backing plate. Dress the front and back of the axle flange with some steel wool or a wire brush to prepare it for the new caliper brackets.

3. Install Dust Shields (Optional)

******Please Disregard the “L” and “R” markings on the backing plates. Just be sure that the opening for the caliper faces the rear on both sides for non-staggered shocks. For staggered shocks, the caliper opening should face the rear on the passenger side and toward the front on driver side******

Before you re-install your rear axles you need to install the included dust shields if you have decided that you want to use them. Place the dust shield on the front of the axle flange with the opening for the caliper at the 2 o'clock position on the driver's side and the 10 o'clock position on the passenger's side.

*After this is completed you can reinstall your axles. You will actually bolt the shields in place when you bolt the caliper bracket onto the rear end in step 5.

***Attention Staggered Shock Owners:**

Staggered shock rear ends require you to mount the driver's side dust shield towards the front of the car. The passenger's side dust shield still mounts towards the rear of the car. Make sure you have the correct kit for staggered shocks (AFXRD05, AFXRD06, AFXRD07)

4. Re-install the axles

”C” Clip Axles

Push the axles back in the tube and install the “C” clips. Replace the housing gasket and re-install the cover. The flange spacer pictured to the bottom right is not required on “C” clip installations. Do not bolt the axle flange in place at this time.

Drop Out Axles

Drop out axles require a flange spacer (pictured right) to take the place of the old drum backing plate. Place the spacer on the flange and slide the axle back in the tube. Do not bolt the axle flange in place at this time. ***Do not use this spacer if you are using the optional dust shields as they are welded into the backing plates.***

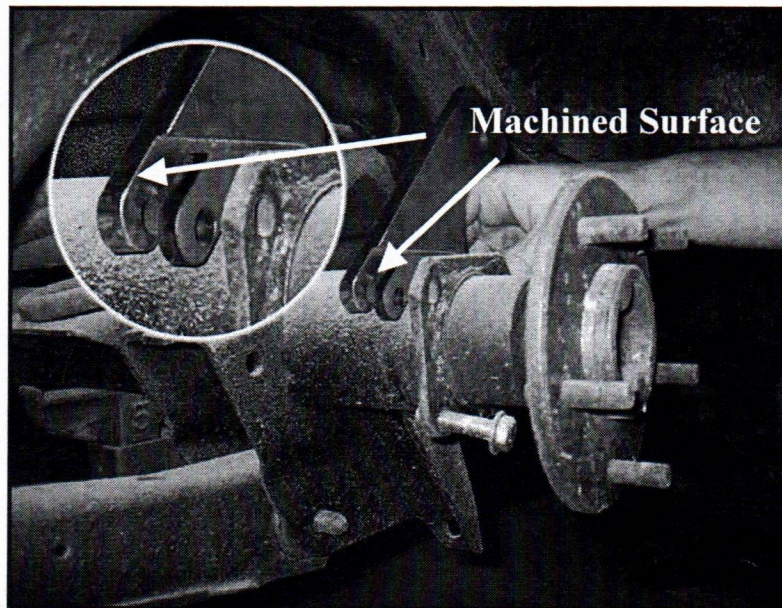


5. Install the new caliper brackets

The new caliper brackets mount to the back (inboard) side of the axle flange. The recessed machined surface should face the axle flange. The Caliper opening should face the rear of the car.* Place the large 1/4" spacer between the bracket and flange as shown below. The other spacers are not required at this time. Bolt the assembly together with the supplied hardware. If you have a problem with the pads hitting the rotors, see step 6 for information on adjusting the caliper spacing.

***Attention Staggered Shock Owners:**

Staggered shock rear ends require you to mount the driver's side caliper towards the front of the car. The passenger's side caliper still mounts towards the rear of the car. Make sure you have the correct kit for staggered shocks (AFXRD05, AFXRD06, AFXRD07)



6. Install the rotors

Before installing the rotor, dress the center hub with steel wool or a wire brush. Slide the rotor over the studs and tighten it down with two or three lug nuts. Occasionally, the center opening in the rotor is too small to slide over the hub. You'll need to enlarge it slightly with a die grinder, file or have it machined by a machine shop.

7. Install and center the calipers

Position the caliper in the bracket and install the caliper mounting pins. Be sure the mounting ears are on the backside of the caliper brackets. The parking brake assembly should be on top with the bleeder pointing towards the front of the car.

*If the pads do not clear the rotor, you'll need to adjust the caliper position with the included spacers.

*If the inside pad hits the rotor, you'll need to add spacers between the flange and caliper bracket.

*If the outside pad hits the rotor, you'll need to use one of the smaller spacers or remove the spacers completely. Spacers can be stacked to achieve the required thickness.



***Attention Staggered Shock Owners:**

Staggered shock rear ends will have the emergency brake assembly pointing two different directions. The driver's side assembly will point towards the rear of the car and the passenger's side assembly will point towards the front of the car. Make sure you have the correct kit for staggered shocks (AFXRD05, AFXRD06, AFXRD07)

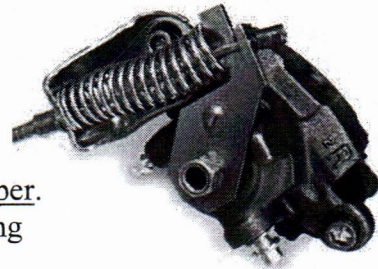


8. Attach the flex hoses

Remove the banjo bolt and copper washers from the caliper. Place a copper washer on top of the flex hose and insert the banjo bolt. Place the second copper washer over the banjo bolt on the bottom of the flex hose and bolt the hose onto the caliper with the specifications provided in the assembly manual.

9. Install the emergency brake cables and adjust the calipers

You rear disc conversion comes with new rear emergency brake cables. You'll use the existing intermediate and front cables on your car. Run the cable up thru the center of the spring and insert the metal bung on the end of the cable securely into the notch on the emergency brake lever. No clip is required to hold the cable to the caliper. Attach the other end to your existing intermediate cable using existing hardware on your car.



After the cables are installed, you need to adjust the system. Engage and release the emergency brake lever several times to activate the self-adjustment mechanism built into the calipers. You'll know you've got it when emergency brake is fully engaged and the rear wheels will no longer turn by hand. If your rear caliper pistons do not ratchet out by use of the e-brake arm on the caliper follow the following procedure to get the piston to extend the brake pads to the rotor surface. Remove the spring and the e-brake arm from the caliper. Turn the threaded bolt extending from the body of the caliper by hand or with the aid of a wrench. Continue to turn the bolt until the brake pads come in contact with the rotor. After the pad comes into contact with the rotor back the bolt out until the first position that you can put the arm back on. After the desired adjustment is achieved reattach the e-brake arm and the spring onto the caliper. Continue with the bleeding procedure.

****YOU MUST ADJUST REAR E-BRAKE CALIPERS DRY FIRST FOLLOWING STEPS ABOVE. FAILURE TO DO SO CAN CAUSE AN AIR POCKET TO FORM INSIDE PISTON OF CALIPER****

Note: It is important that you regularly use the emergency brake to keep them properly adjusted.

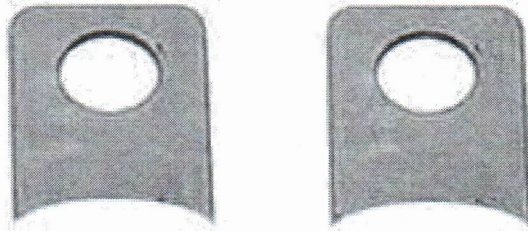
***Attention Staggered Shock Owners:**

Staggered shock rear ends require two different length brake cables. The short cable is used on the passenger's side. The longer cable comes out of the driver's side caliper towards the back of the car and loops back around to the front. Make sure you have the correct kit for staggered shocks (EBCRD1/EBCRD2 for 68-69 GM F-Body & 68-74 GM X-Body Part # AFXR05, EBCRD5/EBCRD6 for 70-74 GM F-Body Part # AFXR06, EBCRD7/EBCRD8 for 75-81 GM F-Body Part # AFXR07)

10. Install the flex house mounting tabs

(Part# RDBK01)

Before installing these tabs you either need to shorten your existing rear axle lines or purchase a pre-shortened rear axle line set. The shortening of the rear axle line is necessary to compensate for the flex hose coming off of the caliper. As a general rule of thumb your lines will be about 6" – 8" shorter than the factory lines. Mount these tabs where your hard lines end. They will need to be tack welded to your rear axle housing. It is ok to tack weld the tabs after your rear end has been assembled. After they have been welded to your axle housing, insert your flex hose into the bracket and secure with the flex hose clip provided. After you have secured your hose into the bracket, screw your axle line into the end of the flex hose and tighten it with a wrench. The flex hose should not be pulled tight or have tension on it from caliper to hard line. The flex hose should have some slack to make up for movement of axle.



11. Bleed the system!

Before bleeding your brakes please watch the instructional video at www.getdiscbrakes.com under tech stuff.

Note: Always bench bleed your master cylinder first before installing and bleeding entire system to guarantee all air is evacuated from master cylinder.

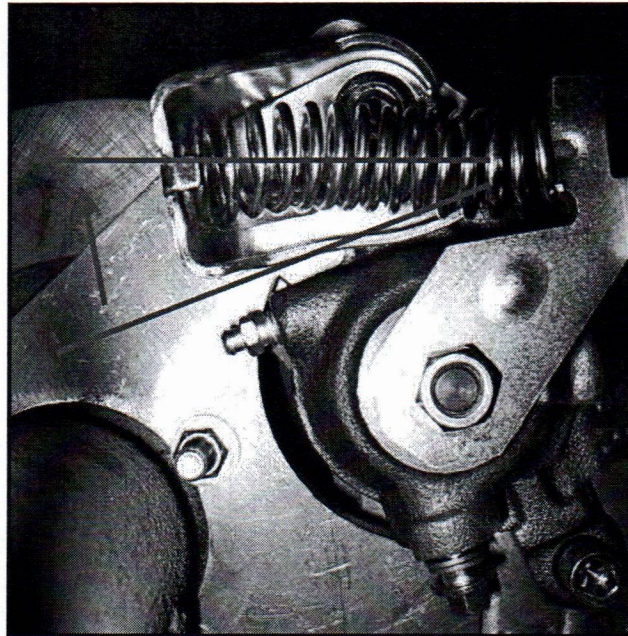
If you are concerned with the damaging effects of DOT 3 brake fluid, The Right Stuff suggests synthetic DOT 5. The Right Stuff is not liable for damage caused by system fluids.

Make sure the emergency brakes have been adjusted properly as discussed in step eight before bleeding the brakes. Working your way forward from the wheel farthest from the master cylinder will help insure a good bleed and a firm pedal. It is important to bleed the system in the following order:

1. Right Rear
2. Left Rear
3. Right Front
4. Left Front

Attention:

The bleeder screws must be positioned in upward direction. If the bleeders are pointed down, the calipers will trap air and the system will not bleed properly. You can remove the caliper mounting pins and rotate the caliper to re-position the bleeder. Remember to keep the pads over the rotor when rotating the caliper. The picture below shows how you need to re-position the bleeder to get all the air out of the system.



Technical Support

We want your conversion project to go smoothly. Double check that you have followed these instructions correctly and those included with any upgrade components you may have purchased. If you need additional help getting your new disc brakes to function properly, we're here for you. You can visit our website at www.GetDiscBrakes.com for Tech Tips, Tricks & Videos. If you are having trouble getting a good pedal please take a moment to watch the rear disc installation support video. If you cannot find the assistance you need from that source feel free to send us an email from the Tech support section of the website for priority service. If you are still unable to get the help you need, please feel free to give us a call at (800) 405-2000.

Thank You for Your Business!



**Brake & Fuel
Line Systems**

**Disc Brake
Conversions**

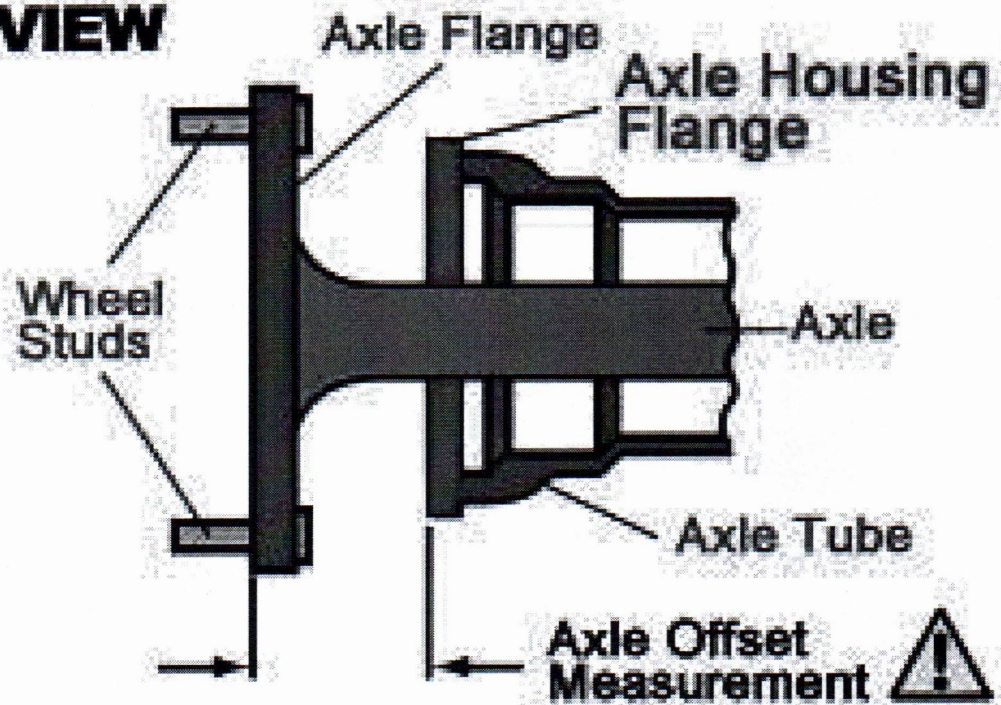
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Axle Housing Flanges & Offsets

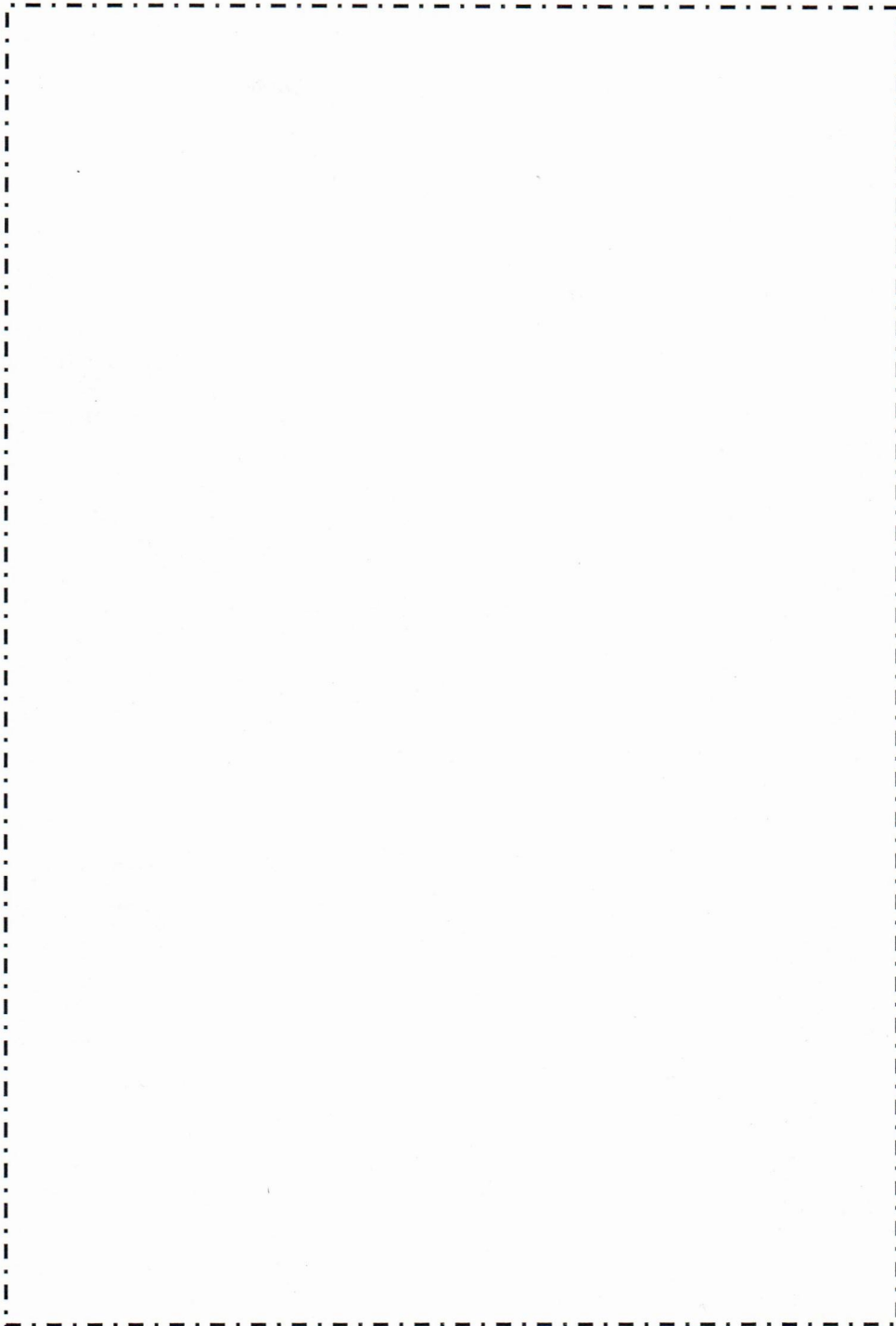


Rear brake kits fit specific dimensions of your axle housing flange bolt circle and offset. Please verify your axle flange type and offset measurement.

SIDE VIEW



Pick Ticket:

A large, empty rectangular area defined by a dashed black border, occupying the central portion of the page. This area is typically used for drawing a pick ticket or providing detailed instructions for a task.