



## ENGINEERED DATSUN PRODUCTS

## 68-73 Datsun 510 Rear Disc Brake Conversion

### *Installation Instructions (Sedan, with stub shaft removal)*

This procedure outlines the process of installing rear disc brakes from a Nissan 200sx (82-83) or Maxima (86-87) on a 68-73 Datsun 510.

**Note:** There are two ways to remove your old drum brakes. The main problem is removing the drum brake backing plate. They do not fit around the stub axles, so either the plate has to be cut apart, or the stub axles removed. If you cut off the backing plate ignore the steps below that do not pertain to you.

If you are going to pull out the stub axles, then you should replace the bearings and seals.



1) Jack up the rear of your car and safely support it on jack stands. Remove the rear wheels. Disconnect the half-shafts at the outer U-joints. Remove the brake drums and the brake shoes.



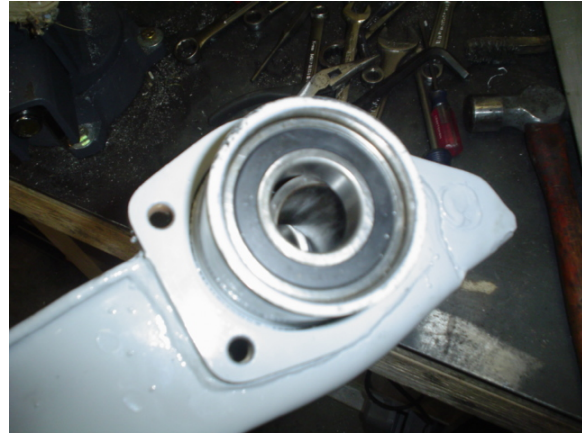
2) These next steps are easiest performed if the rear swing arms are removed from the car. Use a die grinder with a cutoff wheel to cut away the smashed-in sides of the stub axle locknuts. Use an impact gun to remove the nut.



3) Press out the stub axles, be careful not to damage the threads during this process.

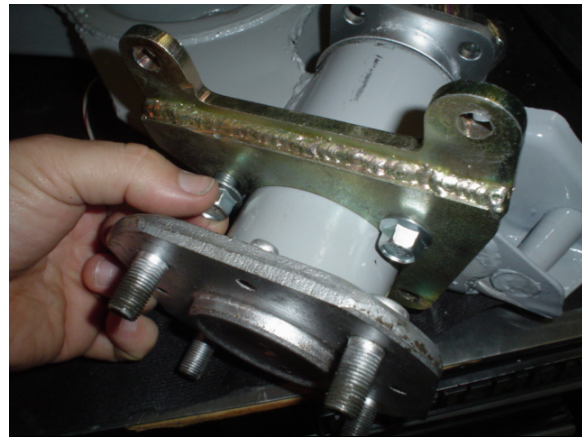


4) With the stub axles removed you can now unbolt the drum backing plate.

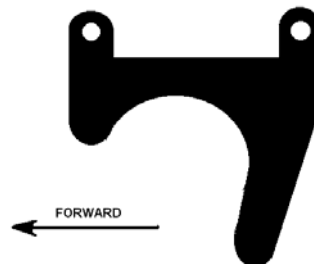
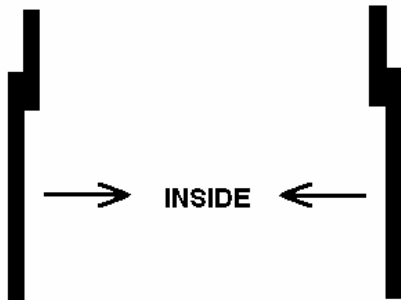


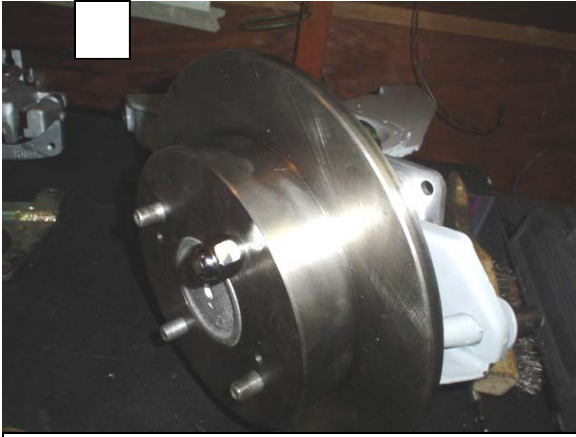
5) Press out the old bearings and seals and press in new ones. These particular bearings are common industrial application bearings that can be found at any bearing supplier. The common part number is 6206. Buying from a bearing supplier can save you considerable money. Don't forget to re-install the spacer tube between the bearings.

6) Clean all of the components and reinstall the stub shafts and the locknut. Be sure to use a new locknut (Nissan p/n 43262-21000). Follow the instructions in the factory service manual for proper installation procedure.



7) Place the brake caliper mounting bracket on the swing arm with the orientation shown below. Make sure that the open part of the "C" faces forward. Use the included bolts to fasten it to the swing arm. Torque bolts to 35 FT-LB. It is recommended to use some blue Loctite on these fasteners.

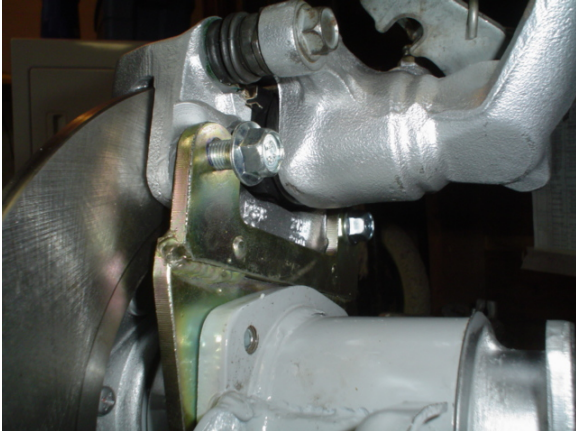




8) Install the brake rotor and hold it in place with one lugnut.



9) Install the loaded caliper over the rotor. Each caliper has an "R" or "L" designation on it, make sure they get installed on the correct sides.



10) Use the included bolts to attach the calipers to the brackets. Torque these bolts to 35 FT-LB.

11) Install your brake lines and bleed the hydraulic system and check for leaks.

**It is the buyers responsibility to ensure brackets and the corresponding braking system is installed correctly. Any failure to do so could result in rear brake failure and possibly injury. Seller assumes no responsibility for product installation and use.**

**Helpful Part Numbers:**

- 82-83 200sx Brake Rotor: Raybestos p/n 9809, 10.125" OD
- Caliper Rebuild Kit: Brakeware 66427 for 200sx or Maxima Calipers, Available from Autozone
- Rear stub axle lock nut (sedan only): Nissan p/n: 43262-21000, available special order from your local dealer (as of 3-05)
- Rear wheel bearings (sedan only): 6206-2RS Available from any bearing supplier
- Rear Stub shaft seal: Timken 224045, Available from Autozone
- Porterfield Brake pads for 200sx/maxima rear calipers: AP230