

ZCAR
dot **COM**

Discussion Forums

- [70-83 Tech](#)
- [84-89 Tech](#)
- [90-96 Tech](#)
- [350Z](#)
- [Car Talk](#)

Features

- [Articles](#)
- [Event Calendar](#)
- [Search ZCAR.COM](#)

Marketplace

- [Classified Ads](#)
- [ZCAR.COM Store](#)
- [Bookstore](#)

Miscellaneous

- [Links](#)
- [Sponsors](#)
- [Contact Us](#)
- [Legal Disclaimer](#)

Disk Brake Conversion Using the 1984 300ZX rotor and Toyota V6 4X4 Caliper

One problem High horsepower Z's really lack is braking ability. Stock Z cars suffer, but modify inadequate braking. One major problem is boiling fluid caused by the heat generated by the car. A major problem is the fact that the rotor on the 240-280Z is not very thick. Swapping to the Toyota 4X4 V6 caliper and rotor, some of the clamping force issues, but the caliper never really was the problem when set up w. However, rotors did and still do suffer. One way to get away from this problem is to buy a Wilwood upgrade, which will cost you about \$800. A more cost effective way would be to purchase a set of 1988 Toyota 4X4 V6 calipers. You will need to have a 1/2 inch aluminum or steel shim to fit between the Hub and Rotor. Usually you can find companies that make wheel spacers for about \$50 and those can be machined to fit for another \$35-50. Companies can be found on the Grass Roots Motorsports. Once you have all the parts you need only a few different thickness shims to align the rotor within the gap of the caliper and you are set. A few other tips that I use are: a Wilwood Proportioning valve, 4 inch brake ducts running from the spoiler, a good Hi Temp brake fluid (not have to be Dot5), and good Performance friction or Ferodo pads. Once you have installed the brakes (Russel Speed Bleeds are another good addition) you should give the pads time to bed in. Non aggressive driving should do it. Now you can go hammer. Next month I'll address the rear

Mike Kelly
Kelly Racing Ltd.

Brake Assembly



Caliper Comparison



Brake Assembly



Last updated: Apr 13, 1999

Author: [Dat74Z](#)