

TECHNO TOY TUNING

Z31 BIG BRAKE KIT

BRAKE KIT PACKING LIST:

- 2) Wilwood calipers.
- 2) Rotor hats.
- 2) Caliper brackets.
- 2) Z31 caliper bracket shims.
- 2) Brake rotors.
- 2) Stainless brake lines.
- 1) Box wilwood brake pads.
- 1) Hardware kit.

BRAKE KIT HARDWARE KIT CONTENTS:

- Qty 2) 90 Degree brake line elbows
- Qty 16) 5/16-18x1 bolts with lock washers. (Rotor hat to rotor)
- Qty 4) 7/16-20x1.5 bolts with lock washers. (Caliper to bracket)
- Qty 8 or 10) 10-1.25x30 bolts and lock washers. (Rotor hat to hub. Qty is for 4 or 5 lug)
- Qty 4) 12-1.25x35 bolts and lock washers. (Bracket to spindle)
- Qty 10) 12mm to 10mm shims. (Rotor hat to Hub bolts)

ERCA PACKING LIST:

- 2) Gold Evolved RCAs.
- 4) ERCA Bushings.
- 1) ERCA Instruction sheet.
- 1) Hardware kit.

ERCA HARDWARE LIST:

- Qty 4) 12-1.25x30 socket head bolt.
- Qty 4) 12-1.25x40 hex head bolt.
- Qty 4) 12-1.25x65 hex head bolt.
- Qty 4) ½ inch lock washers.

Once you have completely removed your factory brakes and your bare hubs and spindle you will be ready to proceed.



Before begin the brake kit installation process you will need to install the evolved rca's in the negative camber rca position to clear the control arm.



Once you have the rca's in the correct orientation. You are ready to begin the brake kit installation process.



Install bracket with Z31 shims on bracket as shown using two 12-1.25x35 bolts and lock washers. Torque to 60ft/lbs.



Place the rotor on top of the hat with the flat side facing down as pictured. Hand tighten the eight 5/16-18x1" bolts through the rotor and into the rotor hat in an alternating pattern as shown, and final torque to 24ft/lbs.



It should look like this when completed.



Place the rotor/hat assembly on the backside of the hub. Line up the bolt holes and install the four or five 10-1.25x30 and the 12 to 10mm shims by hand. Final torque to 35ft/lbs. If replacing/re-packing the wheel bearings, make sure to have the inner and outer races installed, and the bearings packed with grease. Also be sure to have the inner bearing and seal installed.



Install the hub with rotor and hat assembly onto the spindle, install the greased outer bearing and torque to manufactures method. Be sure to install a new cotter pin, and don't forget the dust cap.



Slide the caliper over the rotor and align bolt holes of the bracket. Install the two 7/16-20x1.25" bolts with lock washers and torque to 40ft/lbs.

Remove the pad retaining bolt and spacer from the caliper, install the pads and re-install spacer and bolt. Install elbow fittings into the caliper (2-3 turns past hand tight), Install brake lines and orient correctly so they do not rub or get pinched. Repeat procedure on opposite side and bleed brakes. Clean well and double check for firm pedal and no leaks. Install wheels and you are ready to go!

***WE HOPE YOU ENJOY THE
PERFORMANCE AND AESTHETICS
OF YOUR NEW TECHNO TOY TUNING
BRAKE KIT!***

***ANY QUESTIONS PLEASE E-MAIL
US AT
INFO@TECHNOTOYTUNING.COM***