



**TR-380-F
FRONT BRAKE KIT
INSTALLATION MANUAL**

**2007-18 Tundra
2010-15 Land Cruiser
2008-18 Sequoia**



SOS performance, LLC
2243 W. 24TH St.
Panama City, FL 32405
850-769-3465

sosperformance.com

Introduction

Thank you for purchasing the Front Brake kit for your Toyota. We take pride in all the products we design and sell. If you have any questions or comments, regarding this product, please feel free to contact us. 850-769-3465

This kit is designed to replace the original equipment front disc brakes. We recommend installation by a qualified automotive brake system technician.

Precautions and Safety

As with any automotive project, you should take all necessary safety precautions and use the appropriate tools and equipment.

- **Use an approved automobile lift or floor jack with safety stands.**
- **Always wear mechanics gloves and safety glasses!**
- **Keep your work area clean and organized.**
- **This will greatly reduce the risk of accidents.**
-

Installer:

Please read the entire manual prior to starting this installation.

Safety Notice

- Improper handling of a vehicle, especially while raised and supported by jack stands, ramps or other mechanical means can cause serious bodily injury or even death. It is strongly recommended that a trained, experienced mechanic, with proper equipment, install the TR brake kit as supplied by Tundra Racing LLC.
- Tundra Racing LLC. assumes no liability expressed or implied for the improper installation or use of this product .

Liability

Performance driving is dangerous. Products used for such applications are subject to stresses and conditions outside of normal use. No representation is made to the product's ability to protect the user from injury or death. Tundra Racing , LLC. is NOT responsible for any damage resulting in equipment failure after installation. The user assumes all risks. TR is not liable for labor charges or loss of use.

Warranty

Tundra Racing warrants your new parts to the original purchaser for 1 year from the date of purchase. There is no expressed or implied warranty on the installation. If your performance part fails due to defect or poor workmanship during the warranty period TR will repair or replace your part at no charge. This warranty does not cover brake pads or OE components. There is no other express warranty and this warranty supersedes all other warranties. TR nor any retailer or representative thereof shall not be liable for incidental, consequential, or special damages arising out of or in connection with product use or performance except as might otherwise be accorded by law (which varies from state to state). This warranty gives specific legal rights.

If your part requires service under the terms of this warranty, call (850) 769-3465 to obtain a Return Authorization Number and return instructions.

Recommended Tools

Sheet metal snips
3/8" ratchet / metric socket set
Set of metric combo wrenches
Metric Allen wrench set
Torque wrench capable 10-90 ft/lb setting
Line wrench set
Needle nose or small regular pliers
Small drip tray and several shop rags
Small funnel
Brake bleed bottle
Plastic or non-marring mallet
Safety glasses
Hydraulic floor jack and safety stands
Brake fluid

PARTS INCLUDED IN KIT

1 Pair ST 380mm Rotors
1 Pair ST-60 6 Piston Calipers
1 Set Sport Brake Pads
1 Pair Caliper Brackets
1 Pair S.S. Flex Hoses
1 Pair Banjo bolts / Washers
4 each M12x1.75x 40 bolts
4 each studs /washers / nuts
1 Install Manual

Raise vehicle

Always Wear Safety Glasses.

- Break loose (do not remove) the lug nuts on both front wheels before raising the truck.
- Refer to the Owner's Manual for the correct lift points.
- Using an automotive lift, raise the vehicle and secure.

If you do not have access to an automotive lift, a floor jack and jacks stands can be used. This must be done on a level concrete surface. Be sure to activate rear wheel parking brake to prevent vehicle movement.

NEVER LEAVE ANY VEHICLE SUPPORTED WITH ONLY A JACK, ALWAYS USE JACK STANDS.

After securing the vehicle at a convenient height, remove the front wheels.

Removing the brake caliper & rotor.

Remove the brake caliper / rotor from the spindle.

. It may be necessary to use penetrating fluid and/or rubber mallet to remove the rotor.

- Place several rags directly below the brake line connection. If the area around the brake line connection is dirty, clean with brake cleaner or appropriate cleaning agent
- Remove the O.E. hose using a line wrench, loosen the hard line from the stock plate on the frame & remove the caliper hose. Quickly place a rubber cap over the end of the brake line.

WARNING — *Brake fluid will damage most painted surfaces. Immediately clean any spilled brake fluid.*

Note- *Be sure the cap is securely installed on the master cylinder. If the cap is loose or removed, it is likely more fluid will drip.*

Install Bracket, Rotor, Caliper & Pads

Trim the rock guard as needed to clear rotor.

Install the rotor & secure hand tight with 3 lug nuts

Install caliper bracket on to spindle with M12 bolts.
Torque the bolts to 60lbs.

Install the pads into caliper. Each caliper is labeled "R" (passenger side) or "L" (drivers side). Make sure the calipers go on the correct side.



Slide Caliper over rotor with the bleed screws facing up.

Loosen the 2 small socket cap bolts at the top face of the caliper to create clearance for the top nut & washer.

Secure to caliper bracket using 7/16-20 gold nuts and washers then torque the nuts to 40lbs.

Check to be sure the rotor spins freely. If rotor does not spin freely, it is possible that the rotor is not seated on the hub .

Install s.s. Brake Hose (950.44006)

- Install the brake hose clip in the retaining groove of the hose. It may be necessary to gently tap the clip into place. Use a line wrench to tighten hard line. Be sure hose does not contact any part of the suspension. Connect hose to caliper with banjo bolt & copper washers.

Some wheels may require wheel spacers for proper clearance. Contact us if you need them.

Bleed Brakes

Complete installation on both sides of the vehicle before bleeding the system.

*Note: The calipers and lines will need to fill with fluid, quickly draining the master cylinder reservoir. Keep a close watch on the fluid level while bleeding the system. **Do not allow the master cylinder reservoir to fall below 1/2.***

Bleed the brake system using a line wrench on the top bleed screws:

After initially bleeding the system, gently tap the caliper body with a non-marring mallet to help remove any small air bubbles and re-bleed.

After bleeding, with a constant pressure applied to the brake pedal, check all connections, including bleed screws, for leaks.

Test drive & check again for leaks.
