

Front Boxster Brake Adapter Kit for 911/912/914 - Installation Instructions

2190012

Application -

Caliper Position	Elephant Part#	1965-1989		
		911	912	914
Front	2190012	X	X	X

Required But Not Included – Available separately from Elephant Racing

Calipers with hardware • Master Cylinder Kit • Rotors • Brake Pads • Brake Fluid

Note:

Front kit is for use with struts that have 3.5 inch caliper bolt spacing as equipped on 911/ 912/914 cars from '72-'89 and 911 S models prior to '72. Early front struts that have 3.0 inch caliper bolt spacing can be converted to 3.5 inch struts, contact us for details.

Front kits use '97-'04 986 Boxster calipers (non-S type) Left 986-351-421-03 / Right 986-351-422-03).

Front kits use standard type '84-'89 911 rotors 911-351-041-23.

Front kits for '65-'76 cars without brake booster need 22.5mm Master Cylinder Kit (Elephant Racing 2190011).

For cars '77 and up with the factory booster use the 23mm Master Cylinder (Elephant Racing 1-93035501103)



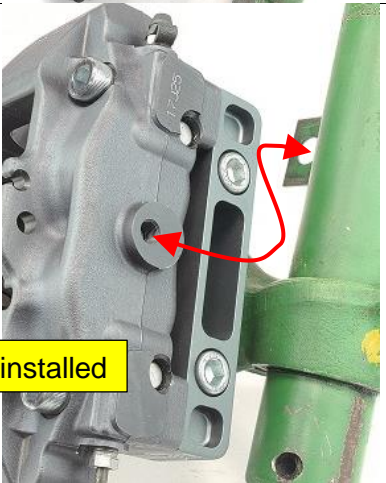
Parts list:

Ref #	Qty.	Description	Ref #	Qty.	Description
FRONT					
①	2	Front Adapter Bracket	②	4	Bracket Mounting Screw
③	4	Caliper Mounting Screw	④	4	Washer M12
⑤	2	Brake Hose - 14 in	⑥	2	Brake Line - 10 in



Introduction - Congratulations on your purchase of the Elephant Racing Front Boxster Caliper Kit. This system is an upgrade over the stock braking system found on a 911/912/914 and allows the use of larger calipers and rotors. These 4 piston calipers use larger pads and thicker rotors, offering greater braking performance and increased thermal capacity over the original brakes.

Installing the Front Calipers -

<p>1. Remove old front hubs, calipers, and rotors. Refer to shop manual.</p> <p>2. The backing plates will not fit around the Boxster calipers. Trim to fit as shown, or remove entirely.</p>	 <p style="text-align: center; background-color: yellow;">Trim backing plate along dotted line.</p>
<p>3. Install Rotors. Refer to shop manual.</p> <p>4. Install the caliper adapter bracket ① to steering knuckle using the bracket mount screws ② and washers ④. Torque the bracket screws to 70Nm</p> <p>Mount the caliper on the adapter bracket using the caliper bolts ③. Torque the caliper screws to 60Nm</p> <p>Note: Bleeders will be at the top when installed in the correct orientation.</p>	 <p style="text-align: center; background-color: yellow;">Washer here</p>
<p>5. Form the 10" brake line ⑥ to route between the caliper and the support on the strut.</p> <p>Replace the rubber brake hose that connects between the chassis and the strut, with the braided stainless brake hose ⑤. Reuse the existing clips.</p> <p>Connect the formed line to the caliper and through the support to the brake hose on the strut. Torque all fluid connections to spec:</p> <p>Caliper & Formed Brake Lines – 12Nm Bleed Nipple – 10Nm</p>	 <p style="text-align: center; background-color: yellow;">Formed line and installed</p>
<p>6. Install pads and hardware, and bleed system. Refer to shop manual.</p> <p>Note: Before installing wheels, check the clearance to the calipers. Wheel spacers may be needed for some wheel offsets and spoke geometry.</p>	