

930-ERX Brake Calipers - Installation Instructions

Introduction - Congratulations on your purchase of the Elephant Racing 930-ERX brake calipers. This system is an upgrade over the stock calipers and rotors found on a 911/912/914 and allows the use of the larger rotors and pads as equipped on 930 cars. These larger pads and thicker rotors, offering greater braking performance and increased thermal capacity over 911 brakes.

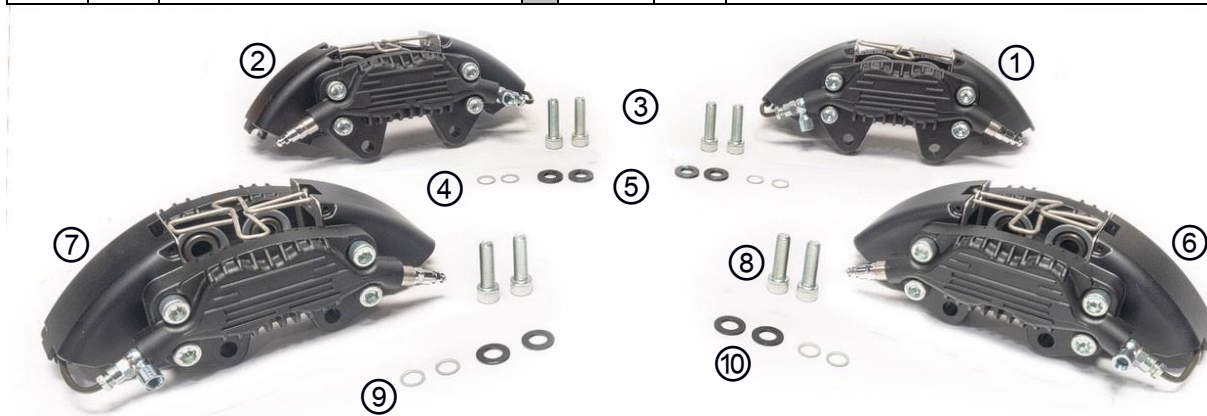
Application -

Caliper Position		Elephant Part#	Year: 1969-1989			
			911	912	914	930
Front	Left	2190006	x	x	x	x
	Right	2190008	x	x	x	x
Rear	Left	2190007	x	x	x	
	Right	2190009				
	Left 3.5"	2190019				x
	Right 3.5"	2190018				x

Note: Front caliper mount spacing for this product is 3.5 inches. Early cars with 3.0 front caliper spacing can install 930-ERX brakes if upgraded to later 3.5 struts, available separately from Elephant Racing.

Parts list:

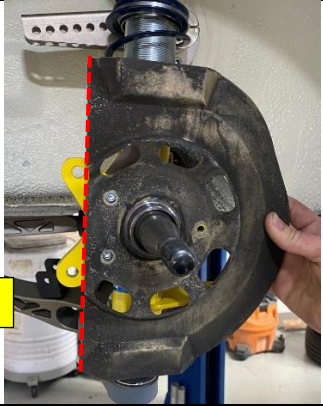
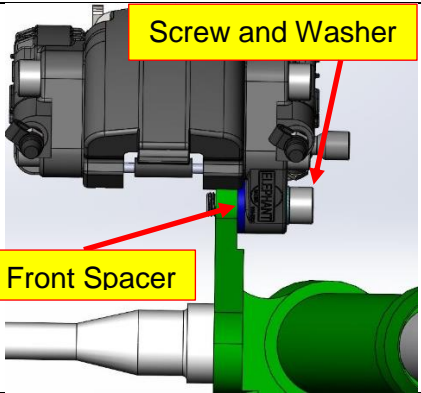
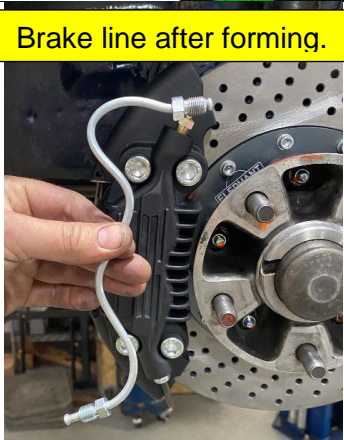
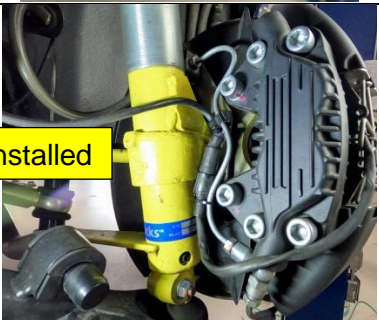
Ref #	Qty.	Description	Ref #	Qty.	Description
FRONT			REAR		
①	1	Front Right Caliper	⑥	1	Rear Right Caliper
②	1	Front Left Caliper	⑦	1	Rear Left Caliper
③	4	Mounting Screw M12x1.5-40mm	⑧	4	Mounting Screw M12x1.5-40mm
④	4	Washer M12 Serrated Belleville	⑨	4	Washer M12 Serrated Belleville
⑤	4	Front Caliper Spacer - 3mm	⑩	4*	Rear Caliper Spacer - 2mm (*steel trailing arms only)



Required But Not Included – Available separately from Elephant Racing




Master Cylinder Kit • Front and Rear Rotors • Brake Pads • Brake Fluid •
 Brake Lines Front (10"), Rear (12"), Rear 930 (12" or OEM)

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 930-ERX calipers. Trim to fit as shown, or remove entirely.</p>	 <p>Trim backing plate along dotted line.</p>
<p>3. Install Rotors. Refer to shop manual.</p> <p>4. Mount the calipers to the steering knuckle. Install 3mm spacers ⑤ between the caliper and the mounting ears on the spindle. Washers ④ go under the mounting screws ③.</p> <p>Torque the screws to 70Nm</p> <p>Note: The calipers are marked near the pistons to indicate their position. Bleeders will be at the top when installed in the correct orientation.</p>	 <p>Screw and Washer</p> <p>Front Spacer</p>
<p>5. Form the 10" front brake lines to route between the banjo fitting on the caliper and the support on the strut.</p>	 <p>Brake line after forming.</p>
<p>6. 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>Banjo Union Bolt – 16Nm Caliper & Formed Brake Lines – 12Nm Bleed Nipple – 10Nm</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>	 <p>Formed line and installed</p>

Installing the Rear Calipers – 911/912/914

Remove bias valve for 85-89 (replace with 8” brake line – not included)

<p>5. Form the brake lines to route between the banjo fitting on the caliper and the support on the trailing arm.</p> <p>Connect the formed line to the caliper and to the brake hose through the support on the trailing arm.</p> <p>Torque all fluid connections to spec: Banjo Union Bolt – 16Nm Caliper & Formed Brake Lines – 12Nm Bleed Nipple – 10Nm</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>	  
<p>6. Install pads and bleed system. Refer to shop manual.</p>	

Installing the Rear Calipers – 930

<p>1. 930-ERX 3.5” rear calipers install the same as OEM 930 calipers. Refer to 930 shop manual.</p> <p>Note: The calipers are marked near the pistons to indicate their position. Bleeders will be at the top when installed in the correct orientation.</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>	
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