Hat Kit to Mount 930 Floating Rotors on 911 Front Hubs - Installation Instructions

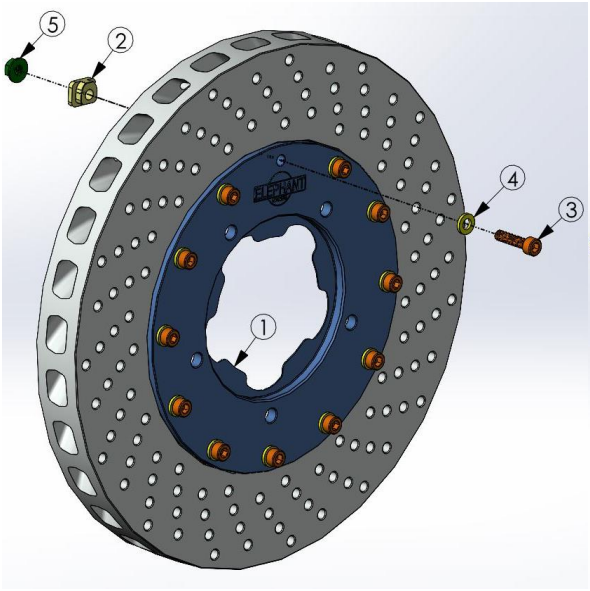
Part # 2190010Floating
2190005Non-Floating

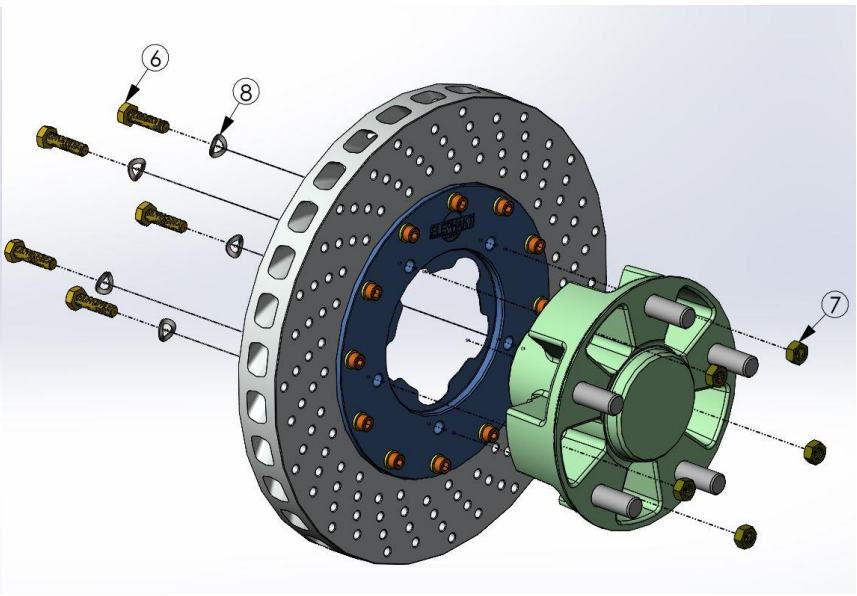
Cars applicable:
'69 –'89 911/912

Note: Hat Kit and rotors required for upgrade to 930-ERX calipers, will not work with 911 brake calipers.

Parts list:

Ref #	Qty.	Description		Ref #	Qty.	Description
1	2	Rotor Hat		2	24	T-Lock
3	24	M6 Screw		4	24	M6 Washer
5	24	M6 Locking Nut		6	10	M8 Screw – not included
7	10	M8 Nut – not included		8	10	M8 Spring Washer – not included





Required But Not Included -

930 Floating Style Front Disk Rotors.
911 Front Wheel Hubs.

Introduction -

As part of the Elephant Racing 930-ERX brake system, this front hat kits allow floating style 930 rotors to fit on a 911. The larger and thicker rotors in the 930-ERX brake system have greater braking performance and increased thermal capacity over stock 911 rotors. This two piece rotor and hat combination reduces mass and helps keep heat away from the hubs.

The kit comes in two styles, floating and non-floating (aka fixed). The floating package allows the rotor to slide a small amount axially as the pads squeeze the rotor, allowing the rotor to find the center and account for any small misalignment. Some noise may be noticed as the rotor self-aligns during application of the brakes.

The non-floating style has the rotor rigidly affixed to the hat and allows no axial movement. Because there is no sliding, there is no opportunity for the rotor to make noise.

The rotor hat is designed to fit closely around the stock 911 hubs to help direct airflow into the center of the rotor to aid in cooling. Ducting can also be used to gain additional cooling performance.

Assembling the Hat Kit -

1. With the logo side facing up, position the hat onto the rotor and place all 12 screws and washers into the holes in the rotor.

2. Carefully flip the hat, rotor, screws and washers so that the threads are now facing up.

3. Place the 12 t-locks over the threads. Make sure the flat end is towards the center of the rotor (with the rounded endtowards the outside).

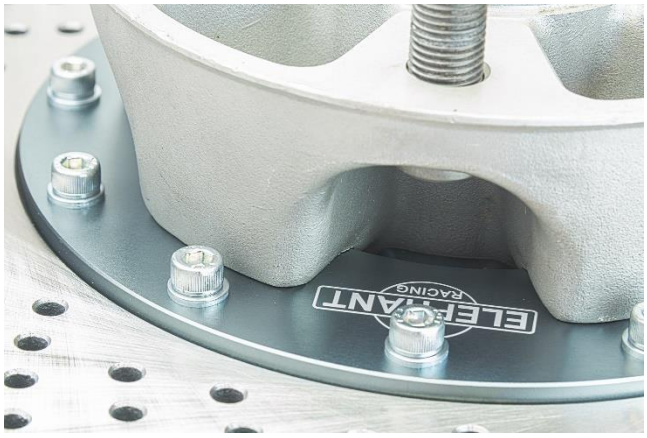
4. Hand tighten the locking nuts onto the threads. This will prevent the components from falling out.

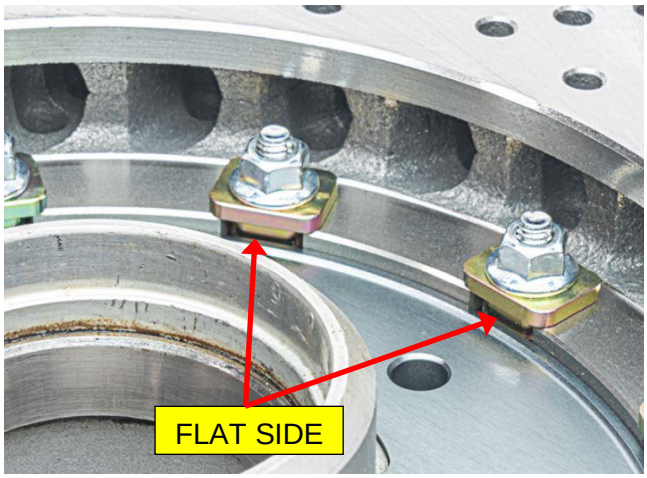
5. Working in a star pattern, use the screws and nuts to draw the t-locks into the slots on the rotor. Make sure the t-lock orientation stays correct (step 3)

6. In a star pattern torque the M6 screws and nuts to **10Nm**.

7. Attach the rotor and hat to the hub. Torque the M8 fasteners to **23Nm**.

Note: Raised casting marks may slightly interfere with and dent the thin section of the hat that blocks airflow. The raised edges can be filed down to prevent denting.





8. Install the hub to the spindle as per the factory instructions. The rotors need to install on the correct side for proper airflow. Note: The backing plate will need to be removed or modified to fit around the calipers and rotors. Please see caliper install instructions for more details.