

# FNSL6R FRONT BIG BRAKE KIT FOR 2006-UP VOLKSWAGEN GTI

### Models Covered:

- 2006 - Present Volkswagen GTI

### Kit Features:

- Upgrade from OE calipers to Forged Billet Narrow Superlite 6R six piston calipers for either street or track.
- Choose either 12.88" diameter GT slotted or SRP drilled and slotted rotors.
- Simple bolt-on installation with no modifications required.
- Fully compatible with ABS and OE master cylinder output.

### Component Features:

#### FNSL6R Radial Mount Six-Piston Calipers

- Two-piece net forged bodies, reinforced with high strength steel bridge bolts, provide unmatched strength with resistance to deflection and body separation under load.
- Progressive differential bore stainless steel pistons generate high clamping force and balanced pad loading for optimized stopping power and even pad wear. Stainless pistons stay corrosion resistant and inhibit heat transfer from the pads to the caliper body, fluid and seals.
- The seal-in-bore design has proven to be much more effective keeping the fluid in and dirt out during racing events that reach temperatures detrimental to dust boot integrity.
- Spring loaded stainless SRS bridge plates dampen pad noise and protect the caliper bridges from wear.
- Center bridge bolt design adds body strength and provides positive pad retention with easy access to the pads for service, without the need to unbolt the calipers from their mounts.
- Standard part number kits are available with either black or red gloss powder coated calipers. Nickel plated "Quick-Silver" series calipers are also available by special order.

#### GT or SRP Series 12.88" Rotor Options

- GT competition series rotors feature full detail machining with asymmetrical pad cleaning slots in the faces. GT rotors provide the highest degree of durability for repeated hard braking and high temperature use on dedicated track cars, or dual purpose street and track vehicles that will compete at a high level.
- SRP performance rotors feature our directional drill and slot pattern with a durable E-Coat finish to keep their high-tech styling looking their best over many miles. SRP rotors provide consistent stopping power and long service life for any custom machine, with the toughness for those occasional fun driving days at the track.

#### Forged Aluminum GT Mounting Hats

- Forged aluminum rotor mount hats help reduce weight with the strength to handle the exceptional brake torque delivered by the FNSL6R caliper.
- Black E-coat finish resists corrosion while adding to the aggressive competition look inside the wheel.

#### Wilwood BP-10 "Smart Pads"

- Each kit includes our proven formula BP-10 Smart Pads. BP-10 is a unique composite-metallic compound that provides increased friction, stopping power, and higher fade resistance in a clean and quiet running low dust style pad.
- Optional street / track and competition only compounds are also available to fine tune the braking requirements on any street or track application.

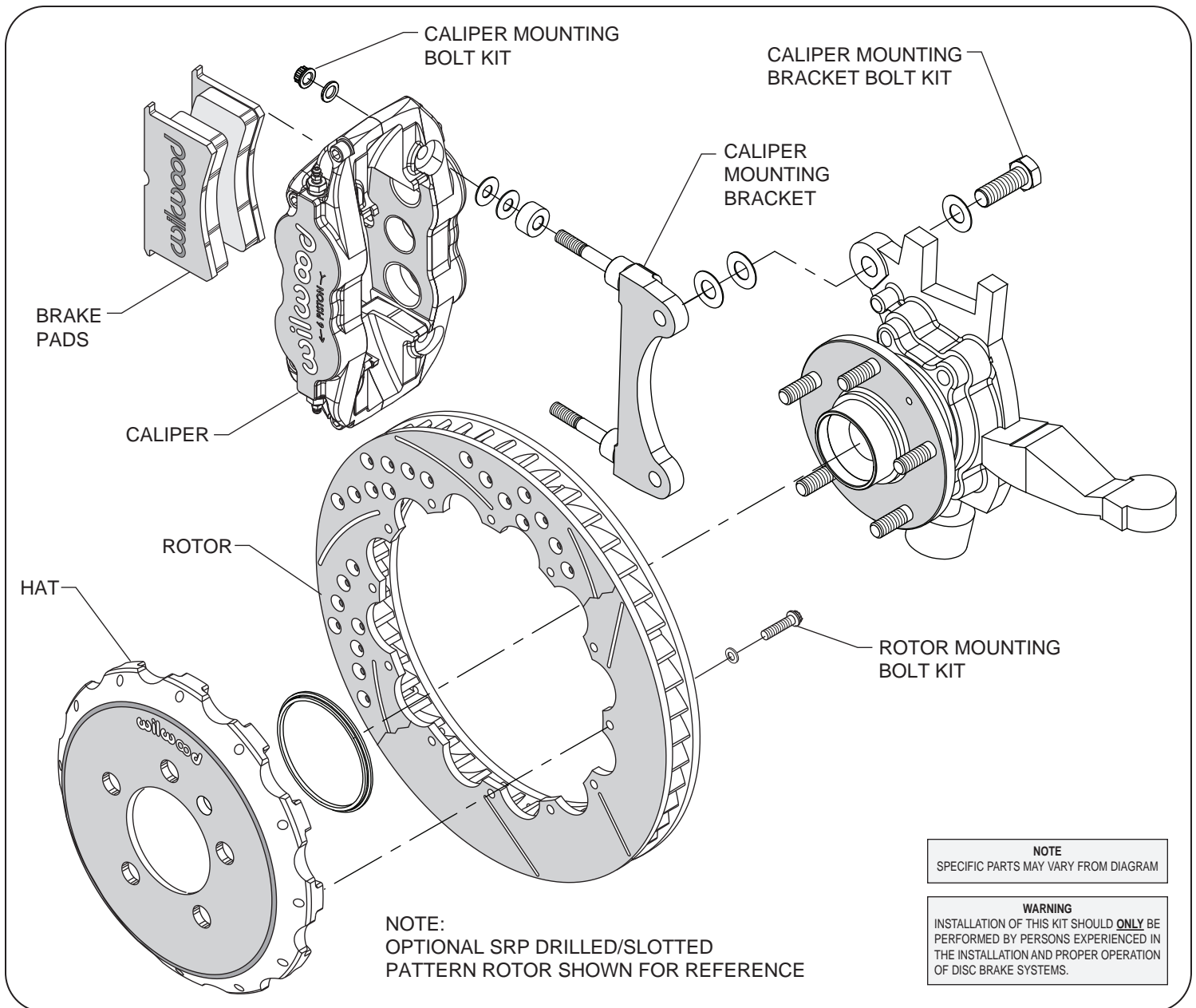
#### Radial Mounting Brackets, Hardware and Plumbing

- Radial mounting provides secure attachment directly to the OE mounts, with two planes of adjustment for precise alignment of the caliper over the rotor. Brackets, premium grade fasteners and alignment shims are included in each kit.
- Jacketed stainless steel braided, DOT approved flexline kits are included with the brake kit.



**Big Brake Front Kit Assembly  
with Red Caliper and SRP Rotor**

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**Typical Installation Diagram**

**ORDERING INFORMATION:**

**PART NUMBER**

**DESCRIPTION**

140-12789	Front Kit, Volkswagen GTI, FNSL6R Caliper, 12.88" GT Rotor
140-12789-D	Front Kit, Volkswagen GTI, FNSL6R Caliper, 12.88" SRP Drilled and Slotted Rotor
140-12789-R	Front Kit, Volkswagen GTI, FNSL6R Caliper, 12.88" GT Rotor, Red Caliper
140-12789-DR	Front Kit, Volkswagen GTI, FNSL6R Caliper, 12.88" SRP Drilled and Slotted Rotor, Red Caliper



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