

SUPERLITE 6 BIG BRAKE FRONT HAT KITS

KIT FEATURES

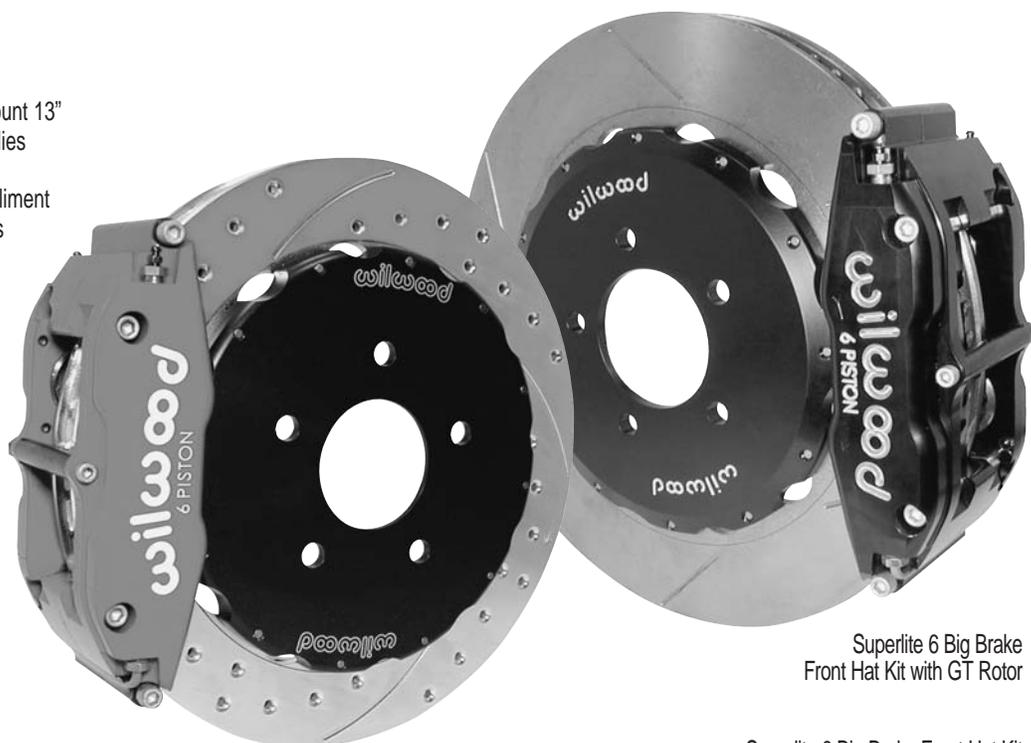
Complete systems with aluminum hats to mount 13" or 14" rotors over OE type front hub assemblies

Big brake looks and stopping power to compliment wheel, tire, and suspension system upgrades

ABS compatible

 Calipers available in black

 Calipers available in red



Superlite 6 Big Brake Front Hat Kit with GT Rotor

Superlite 6 Big Brake Front Hat Kit with SRP Rotor and Optional Red Caliper

KIT COMPONENTS

BILLET SUPERLITE 6 PISTON SL6 CALIPERS

SL6 calipers are pure performance featuring a fully CNC machined billet body with closed end bridges and a reinforced bridge to body transition. Center bridge body bolts provide additional strength and positive retention of the pads. These elements combine to make an ultra-rigid body that resists separation and deflection under high load. Driver comfort and confidence soar with immediate response from a very firm pedal. The SL6 generates high clamping force and balanced pad loading from a race-proven differential bore six-piston configuration. Staggered piston sizes distribute pressure to compensate for the natural variances in temperature, load, and wear rate that occur over the length of the pad. Pad life is extended and performance is measurably improved. Stainless steel pistons are used in all custom show and sport performance applications for their low heat transfer properties and high resistance to corrosion. Road race kits feature SL6/ST calipers with Thermlock® pistons for maximum heat protection in extreme heat environments. High temperature, square faced piston seals provide long service life in extreme environments with positive piston retraction on release. Stainless steel SRS bridge wear plates eliminate pad gouging and extend the service life of the caliper. The spring-loaded action of the SRS plates also eliminates pad rattle and dampens the vibration harmonics that contribute to pad squeal. Fluid tubes are dampened to eliminate vibration stress and recess mounted for protection from track debris. SL6 calipers now come in red, or a high luster black anodized finish with style that will catch the eye of the most discriminating enthusiast.

GT SERIES ROTOR HATS

GT aluminum hats are lightweight and strong to handle the exceptional brake torque generated by the SL6 Big Brake system. The hats are specially designed for use on the OE hubs without modifications or interference to the suspension or ABS components. The hats carry Wilwood's signature and a black anodized finish that prevents corrosion and enhances the overall appearance of the complete package inside the wheel.

13" AND 14" ROTORS

Large diameter vented iron rotors provide substantial increases in cooling and stopping power over small diameter OE rotors. All Wilwood rotors are manufactured from premium grade, long grain carbon iron to provide long wear with high thermal stability and resistance to distortion. The superior heat absorption and dissipation qualities of a vented iron rotor are essential to preventing heat fade and realizing the longest service life from the pads and rotors.

SRP ROTORS

For custom, show, and high performance sport driving, SRP rotor kits offer the high-tech look and improved performance of a directional cross-drill and face slot pattern. In addition to their aesthetic appeal, the venting and cleaning action of the holes and slots will reduce pad glaze, dissipate surface heat, and minimize irregular pad build-up on the rotor faces. The results are smoother engagement with improved consistency and response at the pedal. Every SRP rotor is treated with a silver zinc wash to reduce corrosion on the areas of the rotor not kept clean by pad contact. SRP rotors come in 13" and 14" diameters.

GT ROTORS

GT rotor kits feature Wilwood's ultimate competition rotor with full detail machining, asymmetrical face slotting and individual dynamic balancing. GT rotors run true and smooth with extended rotor life and pad wear on applications subject to higher sustained operating temperatures. GT rotors come in 13" and 14" diameters.

WILWOOD BRAKE PADS

Wilwood brake pads get fast response with high resistance to fade, long wear, and the low rotor abrasion that Wilwood is so well known for. Specific pad types and compounds have been selected for each application and are listed in the service parts guide for each kit. More information on Wilwood Smart Pad, PolyMatrix and ProMatrix brake pad compounds can be found on pages 58-60.

CALIPER BRACKETS AND HARDWARE

Aluminum mount brackets are lightweight and strong. Each bracket is CNC machined for precise fit on each specific spindle. Grade 8 or higher and AN style nuts, bolts, washers and alignment shims are included in all applicable kits.

PLUMBING

Fittings and hoses for most kits must be ordered separately. A few noted kits do include stainless steel flexlines. Otherwise, hose kit part numbers can be found next to each kit in the ordering information, or with the plumbing information on pages 55-57.

NOTE Installation of Wilwood Disc Brake Kits may affect the wheel offset. Reference Wilwood wheel clearance diagrams available on our web site.

ORDERING INFORMATION: KITS

MAKE	YEAR	OE SPINDLE TYPE	NOTES	KIT PART NUMBERS		HOSE KIT
				BLACK CALIPER GT ROTOR	BLACK CALIPER SRP ROTOR	
BMW	M3 - E36	1995-00	Disc	140-8797	140-8797-D	220-8799
	M3 - E36 - 14" Rotor	1995-00	Disc	140-9300	140-9300-D	220-8799
	Z3 - 3.2 Liter	1998-99	Disc	140-8797	140-8797-D	220-8799
GM	Z3 - 3.2 Liter - 14" Rotor	1998-99	Disc	140-9300	140-9300-D	220-8799
	Camaro / Firebird	1993-97	Disc (1, 2)	140-6743	140-6743-D	220-6746
	Camaro / Firebird	1998-02	Disc	140-7763	140-7763-D	220-6746
	Camaro / Firebird - Road Race	1998-02	Disc (3, 6)	140-7190	—	220-6746
	Corvette C-4	1988-96	Disc	140-8337	140-8337-D	220-8338
	Corvette C-4 - 14" Rotor	1988-96	Disc	140-9298	140-9298	220-8338
	Corvette C-5, Z06	1997-04	Disc (4)	140-8031	140-8031-D	220-8176
	Corvette C-5, Z06 - 14" rotor	1997-04	Disc (5)	140-8230	140-8230-D	220-8176
	Corvette C-6	2005	Disc	140-8921	140-8921-D	220-9100
	Corvette C-6 - 14" rotor	2005	Disc	140-8922	140-8922-D	220-9100
	Ford	Mustang 5 Lug	1994-04	Disc	140-9107	140-9107-D
Mustang 5 Lug - 14" Rotor		1994-04	Disc	140-9117	140-9117-D	220-6458
Mustang 5 Lug - Road Race		1994-04	Disc (3, 6)	140-7191	—	220-6458
Mustang 5 Lug		2005	Disc	140-9109	140-9109-D	220-9111
Mustang 5 Lug - 14" Rotor		2005	Disc	140-9110	140-9110-D	220-9111
Mitsubishi	Evolution VIII	2003-05	Disc	140-9284	140-9284-D	220-9287
	Evolution VIII - 14" Rotor	2003-05	Disc	140-9285	140-9285-D	220-9287
Nissan	350Z, G35	2003-05	Disc	140-9190	140-9190-D	220-9196
	350Z, G35 - 14" Rotor	2003-05	Disc	140-9192	140-9192-D	220-9196
Pontiac	GTO	2004-05	Disc	140-8753	140-8753-D	220-8755
	GTO - 14" Rotor	2004-05	Disc	140-9296	140-9296-D	220-8755
Subaru	Impreza WRX	1999-04	Disc	140-7005	140-7005-D	220-7009

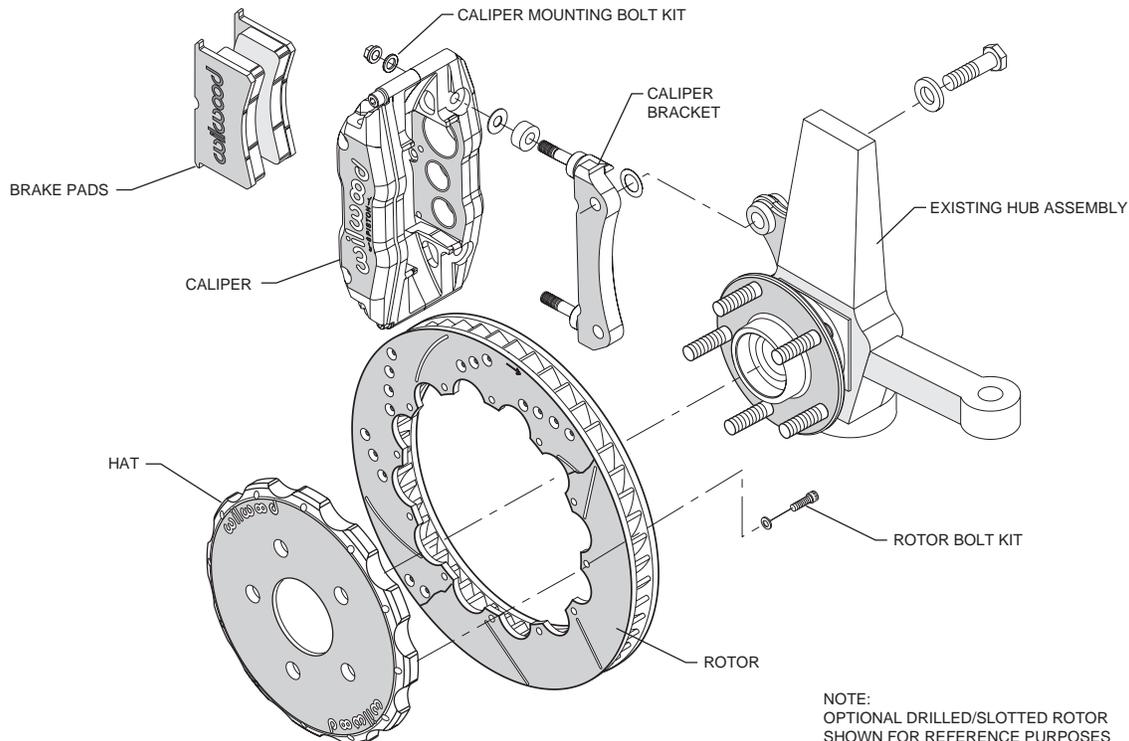
- NOTES:** (1) Modifications required on 1993-97 production spindles, not recommended for road race applications
 (2) Upgrade to 1998-02 production spindle and corresponding kits recommended, no modifications required
 (3) SL6R/ST calipers with Thermlock® pistons and stainless flex line kits included in kit. Please refer to our web-site for more information regarding Thermlock® pistons
 (4) 1997-99 models require upgrade to 2000 or newer OE or aftermarket deep back spacing wheels
 (5) Requires the use of aftermarket wheels and wheel spacers. Please refer to our web-site and access the kit installation instructions
 (6) Brake pads included in this kit are intended for high temperature race use only. See data sheet or brake pad catalog for alternative compounds for other uses.

FOR USER SERVICEABLE COMPONENTS ORDERING INFORMATION, SEE PAGE 50

MAJOR BRAKE KIT COMPONENTS

TYPICAL SUPERLITE 6 BIG BRAKE FRONT HAT KIT

Major Components Identified



DISCLAIMER

Wilwood engineers brake kits and components for a wide variety of racing and high performance driving applications. It is the responsibility of the end user to choose the parts that are best suited for the braking demands encountered by his

or her vehicle. Vehicle speed and weight, along with environmental conditions should always be taken into account when selecting and installing the kit or component that's right for you. See page 9 for complete disclaimer of warranty.