

# DYNALITE BIG BRAKE FRONT HUB KITS

## KIT FEATURES

Complete systems including forged aluminum hubs for use on conventional snout non-ABS front spindles and struts

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

 Calipers available in black

 Calipers available in red

 Calipers available polished



Dynalite  
Big Brake Front  
Hub Kit with SRP Rotor

## KIT COMPONENTS

### FORGED BILLET DYNALITE 4 PISTON CALIPERS

FDL calipers are the newest and strongest in their class. Stress-flow forged billet bodies, and a radial transition design are key elements contributing to the superior strength and efficiency of the FDL. This innovative caliper incorporates four stainless steel pistons for high clamping force with deflection. Stainless is used to resist corrosion and reduce heat transfer from the pads. Square faced o-rings provide long service and positive piston retraction on release. FDL calipers feature Wilwood's SRS stainless steel bridge plates to eliminate the bridge wear caused by 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 can contribute to pad squeal. The 1/8" NPT fluid inlet is easily adapted to all types of flexlines. Internal fluid passages evenly distribute pressure to both sides of the caliper. Four corner bleed screws assure simple and effective bleeding regardless of caliper location. The top loaded brake pads can be easily inspected and serviced without caliper removal. FDL calipers come in a choice of red, black, or for show cars, fully polished to catch the eye of the most discriminating enthusiast.

### FORGED BILLET ALUMINUM HUBS

Forged aluminum hubs are unmatched for strength and weight savings. Premium grade billets are forged into shape under high heat and pressure then CNC machined for precise fit on each spindle application. Each hub is multi-drilled for 5 on 4.50" and 5 on 4.75" wheel lug patterns. Aluminum hats or backside mount plates are supplied for solid rotor mounting directly to the hub. The hubs are shipped complete with bearing races installed, new bearings, grease seals, screw-on billet aluminum hub caps, and 1/2-20 X 1.75" RH grade 8 wheel lug studs.

### 12.19" VENTED IRON ROTORS

12.19" vented iron rotors add stopping power and cooling capacity over smaller 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. Every kit in this group includes a 12.19" diameter SRP or HP series rotor.

### 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. SRP rotors are treated with a silver zinc wash to reduce corrosion on the areas of the rotor not kept clean by pad contact.

### HP ROTORS

HP rotor kits include close tolerance machined smooth face rotors. The additional mass of the HP rotor extends service life on heavier competition vehicles and severe duty applications subject to higher sustained operating temperatures.

### WILWOOD BRAKE PADS

Wilwood brake pads are a low dust, low noise improved friction formula. They have fast response, high resistance to fade, long wear, and the low rotor abrasion that Wilwood is so well known for. Specific 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 with steel threaded bolt hole inserts 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 flexlines to install these brake systems must be ordered separately. Applicable hose kit part numbers are listed next to the kits in the ordering information. Fittings and premium stainless steel flexline kits can also be found 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 HP ROTOR	BLACK CALIPER SRP ROTOR	POLISHED CALIPER HP ROTOR	POLISHED CALIPER SRP ROTOR		
Buick	Apollo	1973-74	Disc/Drum		140-7675	140-7675-D	140-7675-P	140-7675-DP	220-7056
	Apollo	1975	Disc	(3)	140-8582	140-8582-D	—	—	(3)
	Buick with 11" OE Rotor	1979-84	Disc	(4)	140-9053	140-9053-D	—	—	220-7699
	Century	1973-77	Disc	(3)	140-8582	140-8582-D	—	—	(3)
	Regal	1973-77	Disc	(3)	140-8582	140-8582-D	—	—	(3)
	Skylark	1975-78	Disc	(3)	140-8582	140-8582-D	—	—	(3)
	Special	1967-72	Disc		140-7675	140-7675-D	140-7675-P	140-7675-DP	220-7056
Chevrolet / GMC									
	All Passenger Cars	1955-57	Drum	(2)	140-7676	140-7676-D	140-7676-P	140-7676-DP	220-7699
	Camaro	1967-69	Disc/Drum		140-7675	140-7675-D	140-7675-P	140-7675-DP	220-7056
	Camaro	1970-78	Disc	(3) (4)	140-8582	140-8582-D	—	—	(3)
	Camaro	1979-81	Disc	(3) (4)	140-9053	140-9053-D	—	—	(3)
	Caprice	1977-78	Disc	(3)	140-8582	140-8582-D	—	—	(3)
	Chevelle / El Camino	1964-72	Disc/Drum	(1)	140-7675	140-7675-D	140-7675-P	140-7675-DP	220-7056
	Chevelle	1973-77	Disc	(3)	140-8582	140-8582-D	—	—	(3)
	Chevy II / Nova	1964-74	Disc/Drum	(1)	140-7675	140-7675-D	140-7675-P	140-7675-DP	220-7056
	Chevy Pass w/11" OE Rotor	1979-84	Disc		140-9053	140-9053-D	—	—	220-7699
	Chevrolet, Full Size	1977-78	Disc	(3)	140-8582	140-8582-D	—	—	(3)
	El Camino	1973-77	Disc	(3)	140-8582	140-8582-D	—	—	(3)
	GMC Sprint	1973-77	Disc	(3)	140-8582	140-8582-D	—	—	(3)
	Impala with 11" OE Rotor	1977-78	Disc	(3)	140-8582	140-8582-D	—	—	(3)
	Malibu	1973-77	Disc	(3)	140-8582	140-8582-D	—	—	(3)
	Monte Carlo	1970-72	Disc/Drum		140-7675	140-7675-D	140-7675-P	140-7675-DP	220-7056
	Monte Carlo	1973-77	Disc	(3)	140-8582	140-8582-D	—	—	(3)
	Nova	1975-78	Disc	(3)	140-8582	140-8582-D	—	—	(3)
	Nova	1979	Disc		140-9053	140-9053-D	—	—	220-7699
	Sprint	1971-72	Disc/Drum		140-7675	140-7675-D	140-7675-P	140-7675-DP	220-7056
Chrysler / Dodge									
	Challenger	1970-72	Drum		140-9828	140-9828-D	—	—	(3)
	Coronet	1965-72	Drum		140-9828	140-9828-D	—	—	(3)
	Dodge Pass (except 880)	1962-64	Drum		140-9828	140-9828-D	—	—	(3)
	R/T	1967-70	Drum		140-9828	140-9828-D	—	—	(3)
Ford / Mercury									
	Early ford	1937-48	Drum	(3)	140-8583	140-8583-D	140-8583-P	140-8583-DP	(3)
	Pinto / Bobcat	1971-80	Disc/Drum	(3)	140-7017-B	140-7017-BD	140-7017-P	140-7017-DP	(3)
	Mustang II	1974-78	Disc/Drum	(3)	140-7017-B	140-7017-BD	140-7017-P	140-7017-DP	(3)
Oldsmobile									
	Cutlass	1973-77	Disc	(3)	140-8582	140-8582-D	—	—	(3)
	F-85	1967-72	Disc		140-7675	140-7675-D	140-7675-P	140-7675-DP	220-7056
	F-85	1970-72	O. A. I. Drum		140-7675	140-7675-D	140-7675-P	140-7675-DP	220-7056
	Oldsmobile w/11" OE Rotor	1977-78	Disc	(3)	140-8582	140-8582-D	—	—	(3)
	Oldsmobile w/11" OE Rotor	1979-84	Disc	(4)	140-9053	140-9053-D	—	—	220-7699
	Omega	1973-74	Disc/Drum		140-7675	140-7675-D	140-7675-P	140-7675-DP	220-7056
	Omega	1975-78	Disc	(3)	140-8582	140-8582-D	—	—	(3)
	Omega	1979	Disc	(4)	140-9053	140-9053-D	—	—	220-7699
Plymouth									
	Barracuda	1965-69	Drum		140-9828	140-9828-D	—	—	(3)
	Belvedere	1965-70	Drum		140-9828	140-9828-D	—	—	(3)
	GTX	1967-71	Drum		140-9828	140-9828-D	—	—	(3)
	Plymouth	1962-64	Drum		140-9828	140-9828-D	—	—	(3)
	Road Runner	1968-72	Drum		140-9828	140-9828-D	—	—	(3)
	Satellite	1965-72	Drum		140-9828	140-9828-D	—	—	(3)
	Superbee	1968-70	Drum		140-9828	140-9828-D	—	—	(3)
Pontiac									
	Firebird	1970-78	Disc	(3)	140-8582	140-8582-D	—	—	(3)
	Firebird	1979-81	Disc	(4)	140-9053	140-9053-D	—	—	220-7699
	Grand Prix	1973-77	Disc	(3)	140-8582	140-8582-D	—	—	(3)
	Lemans	1973-77	Disc	(3)	140-8582	140-8582-D	—	—	(3)
	Phoenix	1977-78	Disc	(3)	140-8582	140-8582-D	—	—	(3)
	Phoenix	1979	Disc	(4)	140-9053	140-9053-D	—	—	220-7699
	Pontiac w/11" OE Rotor	1977-78	Disc	(3)	140-8582	140-8582-D	—	—	(3)
	Pontiac w/11" OE Rotor	1979-81	Disc	(4)	140-9053	140-9053-D	—	—	220-7699
	Ventura II	1971-74	Disc/Drum		140-7675	140-7675-D	140-7675-P	140-7675-DP	220-7056
	Ventura II	1975-77	Disc	(3)	140-8582	140-8582-D	—	—	(3)

**NOTES:** (1) Spindle bolt hole modifications required on 1964-66 models (3) Use universal domestic line kit page 56, specify length  
 (2) Hat mounted rotor (4) Factory caliper mounting ears & backing plate bolt holes must be modified

**FOR USER SERVICEABLE COMPONENTS ORDERING INFORMATION, SEE PAGE 51.  
 FOR TYPICAL INSTALLATION DIAGRAM, SEE BOTTOM OF PAGE 29**

## 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.