



# S&S HVHP Oil Pumps

VT No.	HVHP Pump Only Type	Year
12-6209	Standard Cover	1992-99
12-6208	Universal Cover	1992-99
12-6214	Universal Cover	1984-91
HVHP Pump Kits		
12-6298	Standard Cover	1992-99
12-6302	Universal Cover	1992-99
12-6307	Universal Cover	1984-91

## S&S High Volume High Pressure Oil Pumps

- Feature a new tooth profile with fewer but larger teeth that provide greater oil volume for both supply and return sides of the pump.
- Supply gear is 9% wider than stock type oil pumps to give the HVHP pump more oil capacity.
- Return gears are 28% wider than stock type pumps to insure that the additional volume of oil supplied to the engine is scavenged and returned to the oil tank. In spite of wider supply and return gears the HVHP pump is no thicker than stock type pump and uses the stock type oil pump drive shaft.
- The standard style cover has feed and return holes in stock 1992-99 locations. Universal cover has a number of oil feed and return options allowing maximum flexibility for customized installations.
- Both types are available as oil pump assembly only or as a complete pump kit that includes pump, drive gear, pinion gear, breather gear and shim kit.

## Breather Gears



**1978-85 Sifton™ Breather Gear Kit** is constructed of precision ground steel with screen installed. 8 piece steel thrust washer set included.

**VT No. 12-1540**



**S&S Reed Breather** features three steel reeds that are normally in the closed position, the downward cylinder motion increases crankcase pressure to open the reeds on the upward stroke a vacuum is created. Can be used in Shovel motors with open primary or sealed primary not connected to the oil scavenge system. Replaces stock breather on 1991-99 Ev motors.

VT No.	Size
12-1949	Stock
12-1950	.030 O.S.



**A-Big Twin Steel Breather Valve** is a machined breather valve and gear. Designed to replace the stock steel or plastic units. Order 8-piece thrust washers separately. Available in stock duration only with either STD or +.030 O/S outside dimension.

VT No.	Years	Size	Brand
12-9906	1978-99	STD	S&S
12-1537	1978-99	STD	Sifton
12-9957	1978-99	+ .030	S&S
12-9909	All	Washer Set	S&S
12-9978	All	Washer Set	Sifton



**Sifton Air Ramp** fits S&S/Sifton Breather Gear on 1936-99 models to remove more air and oil from crankcase. Requires removal of screen for installation. Gear not included.

**VT No. 12-1945**



**B-Stock Plastic Breather Valves.**

VT No.	OEM	Year
12-1531	25310-82A	L1977-99

**C-Thrust Washer Set, Breather Valve** for 1979-99 BT includes one of each size noted.

VT No.	Fits	Set
12-1510	1979-82	8 Steel
	.110, .115, .120, .125	
	.130, .135, .140, .145	
12-1530	1982-99	8 Plastic
	.130, .135, .140, .145	
	.150, .155, .160, .165	

