



# Stroker Flywheel



**Motor Shop Ready Stroker Flywheel Assembly with 4 1/2" stoker** is for all 1970-84 Shovelhead Big Twins. Complete flywheel is shipped fully assembled and trued, but not balanced.  
**VT No. 10-1093**

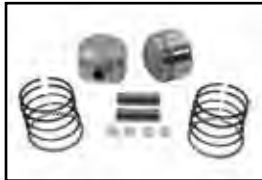


**10-0038**

**Flywheel Assembly with 4 5/8" stoker** is for 1973-84 Big Twins. These flywheels are machined from heat treated steel forgings which makes them structurally superior to cast iron designs. Flywheels are assembled with heavy duty rod set, trued and balanced for pistons listed. Piston sets must be ordered separately.  
**VT No. 10-0038**

**S&S 2900 Series Forged Stroker Piston Sets** machined to fit both 4 3/4" and 4 5/8" stroker flywheels. Includes rings, wrist pins and retainers. When used with 4 3/4" stroke compression will be 8.25:1 with 4 5/8" stroke compression will be 9:1 **Note:** Remember that an 80" 3 1/2" standard bore equals 3 7/16" + .060 bore size.

Size	3 7/16" Bore	3 1/2" Bore
Standard	<b>11-0455</b>	<b>11-0461</b>
.020	—	<b>11-0463</b>
.030	<b>11-0458</b>	—
.040	<b>11-0459</b>	—
.060	<b>11-0461</b>	—



**Shovelhead 84" Hot Set Up** includes 4 1/2" assembled flywheels, 514 cam, spring kit, pushrods, Super 'E' carburetor kit and standard size piston kit. Yields 84 cubic inches with 8:1 compression ratio when used with 3 7/16" bore cylinders. Yields 86" cubic inches with 8:1 compression ratio when used with 3 1/2" bore cylinders. Order pistons separately.

VT No.	Fits	Bore
<b>11-1506</b>	1973-77	3 7/16"
<b>11-1507</b>	1978-84	3 1/2"



**S&S 2720 Series Piston Sets** for 84" Hot Set Up Kits includes rings, wrist pins and retainers.

Size	3 7/16"
Standard	<b>11-0830</b>
.010	<b>11-0831</b>

## Timing Plugs



**Timing Plugs** are available in stock size 5/8 — 18 thread unless noted as oversize (O.S) which is 1 1/16 — 16 thread.  
**A.** Acorn style plug fits all models Big Twin models timing plug holes and oil tanks.

**VT No. Type**  
**7106-1** Chrome

**B.** Acorn style plug with oversize thread and one tap for rethreading stripped out timing hole. Fits all timing holes.

**VT No. Type**  
**7500-2** Plug and Tap (Oversize)  
**7501-1** Plug Only (Oversize)  
**9407-1** 1 1/16" — 16 Tap (Oversize)

**C.** Stock timing plug.

**8114-1** Chrome  
**8115-1** Cadmium  
**9404-1** Cadmium (Oversize)  
**9304-1** Chrome (Oversize)  
**9714-1** Parkerized (Oversize)  
**9502-1** Chrome 1939-51  
**9504-1** Parkerized as above, 7/8" Hex  
**9503-1** As above cadmium

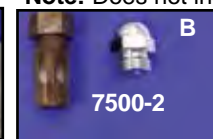


**10-0453**

**Special 6" Taper Sprocket Shafts** for use in S&S flywheels only. Include nut and key.

VT No.	Years	Flywheel Type
<b>10-0453</b>	1955-64	SE or SL
<b>10-0455</b>	1970-up	SE or SL
<b>10-0468*</b>	As Above	Motor Shop Brand

\*Note: Does not include nut and key



**D.** Functional and custom design plug fits all Big Twin models and Sportster timing plug holes and oil tanks.

**8610-1** Chrome  
**8611-1** Cadmium  
**E.** Allen style plug use on all 1970-up replaces 720.  
**9402-1** Chrome  
**9403-1** Cadmium  
**37-9206** Chrome by Gardner-Wescott  
**9960-1** Chrome (Oversize)