



Special Order Information
31-1001 Crankcase, Assembly, 1986-'03 XL/Buell®, SA
Please fax this form to 608-627-1488 when completed

Date _____

Dealer # _____

Dealer Name: _____ Ordered by: _____

E mail address: _____

Phone # _____ Fax # _____

Please complete this form and return it to S&S Cycle Inc. so your special order parts can be processed. This form will ensure that your order will be placed correctly and the crankcases produced to your specifications. Items ordered per this form must be paid in full before production. Any specifications other than those listed will require a drawing or blueprint, and will only be able to be ordered from November 1st through March 1st.

Check the box in each area that describes your specific application

Quantity: _____

Alternator Machining:

- Yes, Include Alternator Machining
- No, Don't Include Alternator Machining

Cam Geometry:

- 86-90 Cam Geometry (33-5365 tappet blocks included)
- 91-99 Cam Geometry (33-5369 tappet blocks included)

Oil Filter Machining:

- Stock 86-90 Configuration
- Machine for Breather
- No Machining

Cylinder Base Stud Pattern:

- Stock Evolution®, 3/8-16 Thread
- Knuckle/Pan/Shovel, 7/16-14 Thread
- S&S 3-13/16" Expanded, 7/16-14 Thread
- Sputhe/Axtell 3-13/16", 7/16-14 Thread
- Stock Twin Cam 88®, 3/8-16 Thread
- SSW 4" Aluminum/Steel, 3/8-16 Thread
- SSW+ 4-1/8" Alloy, 3/8-16 Thread
- Axtell 4-1/4", 7/16-14 Thread
- S&S 4-3/8" Steel, 7/16-14 Thread
- S&S 4-3/8" Aluminum, 3/8-16 Thread
- S&S 4-3/8" Tribute, 3/8-16 Thread
- No Cylinder Base Stud Pattern



Piston Size: (Only an option if Stock Evolution® cylinder base stud pattern is chosen)

- 3-1/2" Bore
- 3-5/8" Bore

Spigot Bore Size:

- 3.683" for Stock Evolution®
- 3.880" for Stock Evolution®
- 3.880" for Knuckle/Pan/Shovel
- 3.980" for-13/16" Expanded
- 4.010" for Sputhe/Axtell 3-13/16"
- 4.083" for Stock Twin Cam 88®
- 4.255" for SSW 4" Aluminum/Steel
- 4.380" for SSW+ 4-1/8" Alloy
- 4.505" for Axtell 4-1/4"
- 4.630" for 4-3/8" Bore
- Specify

Specify Spigot Bore Size: (Option only if specify spigot bore size is chosen)

- 3.680" – 4.630" _____ (Specify)

Install Studs:

- Yes, Install Studs
- No, Don't Install but Include
- No, Don't Install or Include

Cylinder Stud/Bolt Type: (N/A if No Don't Install or Include Studs is Chosen)

- 50-0160 Screw, SHC, 3/8-16 x 1-1/2", Plain, Steel
- 50-0173 Screw, SHC, 7/16-14 x 1-1/2", Black, ASTM A574-92A
- 50-0174 Screw, SHC, Gr8, 7/16-14 x 1-3/4", Black, ASTM A574-92A
- 31-2331-S Stud, Cylinder Base, 3/8-16 UNC x 5.760"
- 31-2332-S Stud, Cylinder Base, 3/8-16 ONF, 3/8-24 UNF x 2.770, Black, Steel
- 31-2324-S Stud, Cylinder Base, 7/16-14 ONF, 7/16-20 UNF x 2.3, Black, Steel
- 31-2325-S Stud, Cylinder Base, 3/8-16 UNC x 6.070", Black, Steel
- 31-2328-S Stud, Cylinder Base, 7/16-14 UNC, 7/16-20 UNF x 2.0, Zinc, Steel
- 50-8086 Stud, 3/8-24 UNF, 3/8-16 ONF x 2.312, Zinc
- 31-2321-S Stud, Cylinder Base, 6.68", Black Oxide

Crankcase Deck Height:

- 5.375" – 6.375" _____ (Specify)

Spigot Bore Depth: (Max Spigot Depth Can't be Less Than 3.700" From Case Center)

- _____ (Specify)



Sprocket Shaft Style:

- Stock XL*
- Big Twin (NA if yes to alternator machining)*

Flywheel Diameter:

- 7.625"*
- 7.875"*
- 8.125"*

Do you want CPS Machining:

- Yes*
- No*

Machine for transmission window:

- Yes*
- No*

Comments: _____

