

BAKER OIL LINE ADAPTER BLOCK KIT

INSTALLATION INSTRUCTIONS FOR BAKER PN 5QT-1160

OVERVIEW

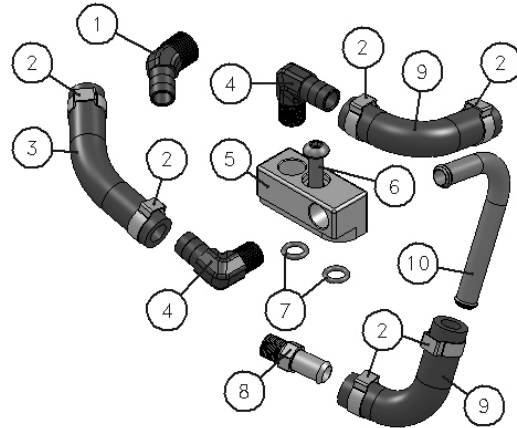
We highly recommend the +1 Oil Pan for S&S® T124 applications. S&S® motors make a lot of power and heat. The oil feed and return on the right rear side of the motor is unique and the adapter kit is designed specifically (and required) for the +1 Oil Pan and the T124 motor (S&S® PN 106-1168 will not work with the +1 Oil Pan).

FITMENT

- 1999-06 (except 2006 Dyna) S&S® Twin Cam Motors
- Will not work with BAKER FF Oil Spout Kits

TOOLS, RESOURCES, REQUIRED PARTS

- Hose Clamp Pliers
- Common Hand Tools (Allen Wrenches, Sockets, Screwdrivers etc.)
- Blue Loctite® (242 Removable) or Equivalent
- Pipe Thread Sealant (Loctite® 567) or Equivalent



INCLUDED CONTENTS. FIGURE 1

INCLUDED PARTS

ITEM	QTY	PN	DESCRIPTION
1	1	53525K51	45 Degree Barb Fitting
2	6	10249	Hose Clamp, Black
3	1	5QT-HOSE	4-1/8" Long Hose; 7/16" ID
4	2	53525K19	90 Degree Barb Fitting
5	1	5QT-1168B	Oil Line Adapter Block
6	1	31C150KBCS	5/16-18 X 1 1/2 " BHCS Stainless
7	2	1884T26	O-Ring, Buna -110 High Temp. Green
8	1	26314-99	Straight Hose Fitting
9	2	62726-99	90 Degree Pre Formed Hose, 7/16" ID
10	1	5QT-1165	82 Degree Stainless Line

ALL INSTRUCTIONS FOR THE ADAPTER KIT APPLY AFTER THE BAKER +1 OIL PAN HAS BEEN INSTALLED ON THE MOTORCYCLE (PN: BD-5QTB/R-TS, PN: BD5QTC/P-2PC) AND THE S&S® ADAPTER BLOCK, PN 106-1168 HAS BEEN REMOVED.

ADAPTER PREP

1. Remove the top 1/4" pipe plug from the side of the transmission case; S&S® has you plug these ports off during the install of the motor assembly.
2. Using Pipe Thread Sealant; install the straight fitting (Item 8, Figure 1) in the top port location on the side of the transmission and snug. Figure 2.
3. Take the 82 degree stainless line (Item 10, Figure 1) in the kit and spray brake cleaner or solvent through the line to clean out any debris that might be inside the line.

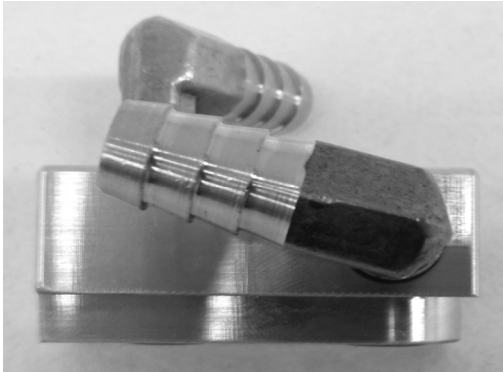


STRAIGHT FITTING INSTALLED. FIGURE 2

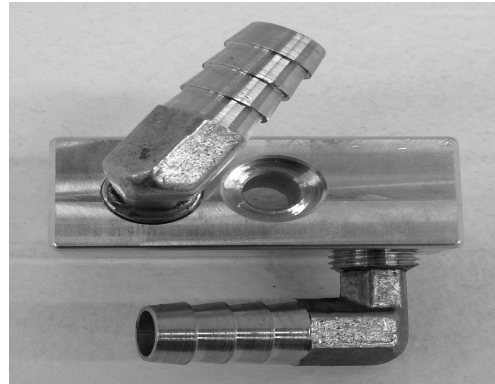
(ADAPTER PREP CONTINUED ON NEXT PAGE)

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- Assemble the adapter block using the two 90 degree fittings (Item 4 & 5, Figure 1) and Pipe Thread Sealant, see figure 3 & 4 for fitting orientation.



SIDE FITTING ORIENTATION, FIGURE 3

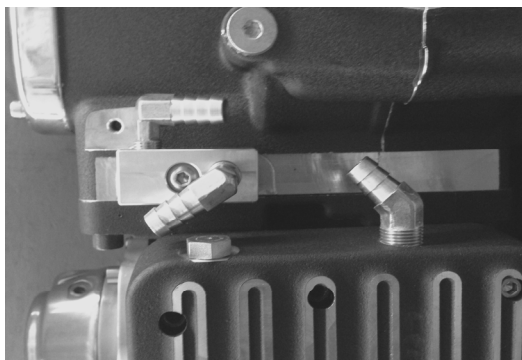


TOP FITTING ORIENTATION, FIGURE 4

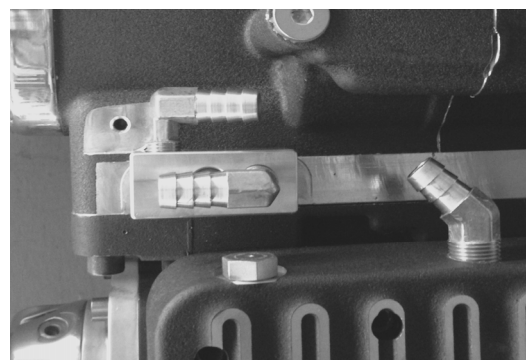
- Lube the two green O-rings (Item 7, Figure 1) with motor oil and place inside the adapter block assembly.
- Remove the 3/8" pipe plug from the BAKER +1 Oil Pan; not the drain plug, pipe plug is located in-line with the middle of the motor case seam.
- Install the 45 degree pipe fitting (Item 1, Figure 1) in place of the 3/8" pipe plug using Pipe Thread Sealant and snug so the fitting is facing the adapter block location. See figure 5.

INSTALLATION

- Install the adapter block to the S&S© motor using Blue Loctite® on the 5/16-18 X 1 1/2" button head threads (Item 6, Figure 1). Torque bolt to 210-230 in-lbs. See Figure 5.
- After the adapter is installed re-position the top fitting so that it is parallel with the block. See figure 6.



ADAPTER BLOCK INSTALLED, FIGURE 5



TOP FITTING RE-POSITIONED, FIGURE 6

- Using motor oil, lube the inside of the straight hose (Item 3, Figure 1). Place 2 hose clamps (Item 2, Figure 1) over the hose and install referencing figure 7.



TAKE YOUR TIME WHILE INSTALLING THE HOSE SO THAT WHEN DONE IT DOES NOT KINK. SLIGHT RE-POSITIONING OF THE FITTINGS MIGHT BE REQUIRED. A KINKED LINE WILL REDUCE THE AMOUNT OF OIL FLOW AND COULD CAUSE DAMAGE TO THE MOTOR.



STRAIGHT LINE INSTALLED, FIGURE 7

(INSTALLATION CONTINUED ON NEXT PAGE)

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4. Once the line is positioned slide the clamps over the barbed area of the fitting; some oil on the clamps will aid in positioning. Using clamp pliers tighten the clamps down.
5. Install one of the 90 degree pre-formed hoses (Item 9, Figure 1) onto the straight fitting; side of the transmission case. Make sure to use some motor oil to lube hose & install a clamp onto the line before installing. Short end of the hose goes toward the case. Figure 8.
6. Install the 82 degree line (Item 10, Figure 1) and clamps (Item 2, Figure 1) to the case side hose. Long end of the stainless line goes toward the case side.
7. Install the last 90 degree pre-formed hose (Item 9, Figure 1) onto the adapter block fitting with the short end facing the adapter block. Make sure to use some motor oil to lube hose & install clamps (Item 2, Figure 1) onto the line before installing. Figure 9
8. Your bike should look like figure 10 after hooking all the hoses and lines. Using clamp pliers, tighten all clamps.
9. For proper hose clearance on the adapter lines you must remove the wire loom on the frame between the motor and transmission. Figure 11. Use a zip tie to hold down any wiring in its place.
10. You're done; add oil (4 to 4 1/2 quarts) to the BAKER +1 Oil Pan. Run bike then re-check oil level. Add if needed.



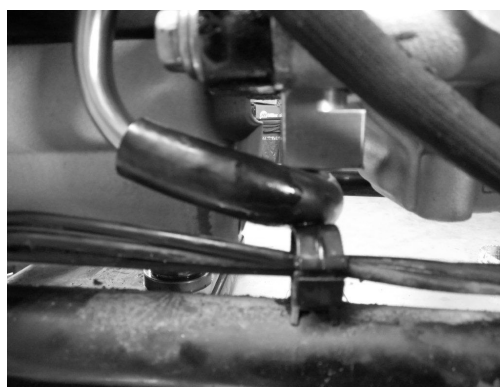
SHORT END FACES THE CASE, FIGURE 8



SHORT END FACES ADAPTER, FIGURE 9



STAINLESS LINE ROUTING, FIGURE 10



FRAME CLAMP TO BE REMOVED, FIGURE 11

MAINTAIN PROPER OIL CHANGES AND MAINTENANCE SCHEDULES PER S&S© MOTOR SERVICE MANUAL. ALL OIL CHANGES ARE PERFORMED THROUGH THE NORMAL DRAIN PLUG ON THE BAKER +1 OIL PAN. NO REMOVAL OF ANY OIL LINE IS NECESSARY.

BAKER OIL LINE ADAPTER BLOCK KIT**DISCLAIMER**

It is the sole responsibility of the user to determine the suitability of this product for his or her use, and the user shall assume all legal, personal injury risk and liability and all other as well as all other obligations, duties and risks associated therewith.

CUSTOMER SUPPORT

For any installation or service questions, please contact our BAKER technical department toll free: 1-877-640-2004.

