



Brock's Performance Products • 4064 East Patterson Road • Dayton, OH 45430 • Phone: 937-912-0054 • Fax: 937-912-0062

## Installation Instructions for DME 1 Inch Oil Pan

It is recommended to use a factory service manual for additional information and specifications not included in these instructions.

### STEP 1:

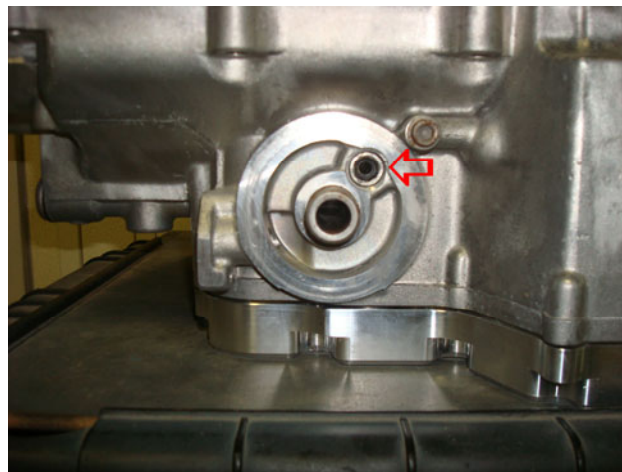
Remove the side fairings and exhaust system. If you have a sidewinder exhaust system, it is recommended to remove it to ease the installation process. Drain all the oil from motorcycle through the stock drain plug. Keep your drain pan under the engine during the disassembly process to prevent an oily mess from occurring.

### STEP 2:

Remove the oil cooler, you will no longer be able to use the oil cooler with this oil pan. Remove the bolts from the oil cooler line to the right side of the engine block and the oil cooler line to the oil pan. Make sure you have the drip pan under the lines as oil will still drip down even though oil has been drained. Remove the bracket at the bottom of the oil cooler by removing the bolts on the crankcase and on the bottom of the oil cooler itself. Remove the bolts at the top of the oil cooler (below the radiator) and remove the oil cooler.

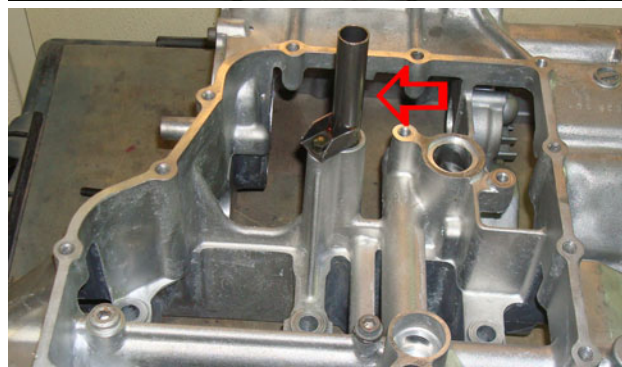
### STEP 3:

Remove the oil filter and oil galley plug. *The oil galley plug must be removed, if left in, you will destroy your engine.* The oil galley plug is no longer needed, the 1 inch oil pan does not have the oil drain back port as the stock pan. Install a new oil filter using the OEM specs.



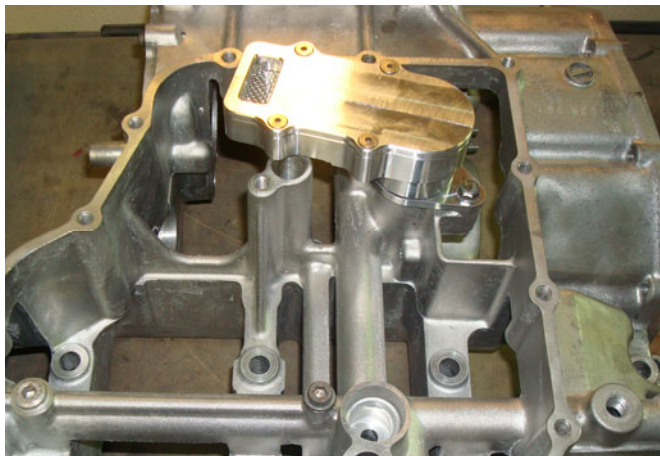
### STEP 4:

Remove the bolts securing the stock oil pan to the crankcase. A light tapping with plastic or rubber mallet may be needed to loosen the gasket from the oil pan/case. Remove the bolts securing the black plastic pickup tube to the crankcase and remove. Make sure to NOT damage the o-ring at the base of the pickup, you will need to re-use it. If damage occurs, purchase a new one from your local Suzuki dealership. Remove the metal vent tube next to the pickup, it is no longer needed.



**STEP 5:**

Install the new oil pickup using the stock bolts. Make sure when installing the pickup that the o-ring is in place. Make sure the swing pickup swings both directions, forward and back without any interference.

**STEP 6:**

Install the new oil pan and gasket. Make sure the gasket surface on the case is clean. *The oil pan gasket surfaces must be absolutely clean to obtain proper sealing and prevent oil leaks.* You can use scotch bright, do not use a razor blade, it may cause damage. Clean gasket surface with brake cleaner and a rag. Install the 1 inch pan with the gasket in place. Make sure it is on correctly with all bolt holes lining up. Reinstall the bolts and torque the bolts to 7 lb-ft in a diagonal pattern. Install the stock oil drain plug from your stock pan.

**STEP 7:**

Install the supplied oil cooler block off plate on the right side of the engine case where the oil cooler line was installed. Make sure to use the supplied o ring.

**STEP 8:**

Fill bike with 4 quarts of oil. We recommend Alisyn Synthetic oil. Reinstall exhaust system, start bike, and check for leaks. Replace the side fairings.

**WARNING: IMPROPER INSTALLATION MAY RESULT IN OIL LEAKS WHICH MAY DAMAGE ENGINE OR CAUSE AN ACCIDENT. ALWAYS CHECK FOR LEAKS AFTER WARMING ENGINE. BROCK'S PERFORMANCE PRODUCTS WILL NOT BE RESPONSIBLE OR LIABLE FOR ANY INJURY OR DAMAGE CAUSED BY IMPROPER INSTALLATION, MISUSE, OR USE OF THIS PRODUCT FOR ANY OTHER PURPOSE.**

**Brock's Performance Products are designed for Closed-Course Racetrack use ONLY!**

For more information go to [www.BrocksPerformance.com](http://www.BrocksPerformance.com), **click:** Installation Instructions

email: [Advice@BrocksPerformance.com](mailto:Advice@BrocksPerformance.com) or call: 937-912-0054

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