



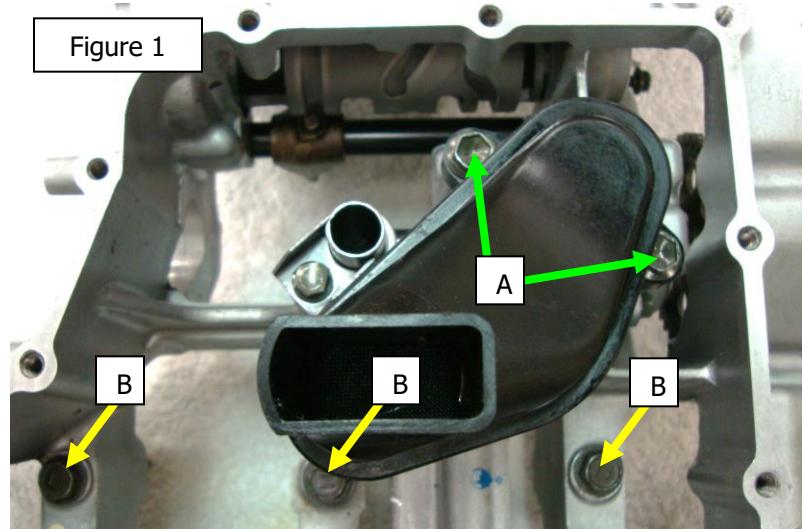
Installation Instructions for Suzuki Hayabusa GSX-R1300 (99-17) Oil Pan Baffle

The Brock's Performance oil pan baffle for the Suzuki Hayabusa is designed to eliminate oil starvation during hard acceleration and wheelies to prevent engine damage. Oil pan baffle works with the factory and all aftermarket oil pans. It is recommended to use a factory service manual for any additional information not included in these instructions.



1. Remove side fairings, exhaust system, and drain engine oil (See your service manual for additional details).
2. Remove the left oil cooler line from the front of the oil pan. *Be careful with the o-ring, you will reuse it.*
3. Remove (14) bolts securing oil pan and remove. It may need to be tapped with a rubber or plastic mallet lightly to break free. **Do not pry on oil pan or damage of sealing surfaces may occur.**
4. Clean gasket surfaces of oil pan and crankcase with solvent (brake parts cleaner) or gasket remover. Gasket surfaces must be clean and oil free to have a leak free installation. **Do not scrape surfaces with razor blade or other sharp tool, damaging the gasket surfaces will result in oil leaks.**

5. Remove the oil strainer tube and clean the mounting surface. *Be careful with the o-ring, you will reuse it.* If you are using an aftermarket oil pan and strainer tube, it will appear different than shown. Figure 1 (A).
6. Remove the three (3) rear crankshaft journal bolts. Figure 1 (B).
7. Install oil pan baffle as shown in Figure 2. Insert baffle in at an angle beginning with end shown in Figure 2.
8. Apply clean motor oil to the threads and under head of the crankshaft bolts. Insert bolts and torque to 13.0 lb-ft, then to 23.0 lb-ft in 5 lb steps, middle bolt first. Figure 3 (A)



9. Clean the oil strainer tube bolts and apply blue Loctite. Insert the oil strainer tube into the boss. Install the oil strainer tube and torque the bolts to 7.0 lb-ft. If you are using an aftermarket oil pan and strainer tube, it will appear different than shown. Figure 3 (B)

10. Re-Install the oil pan and gasket. Note: We typically reuse the old gasket IF it is in good condition)

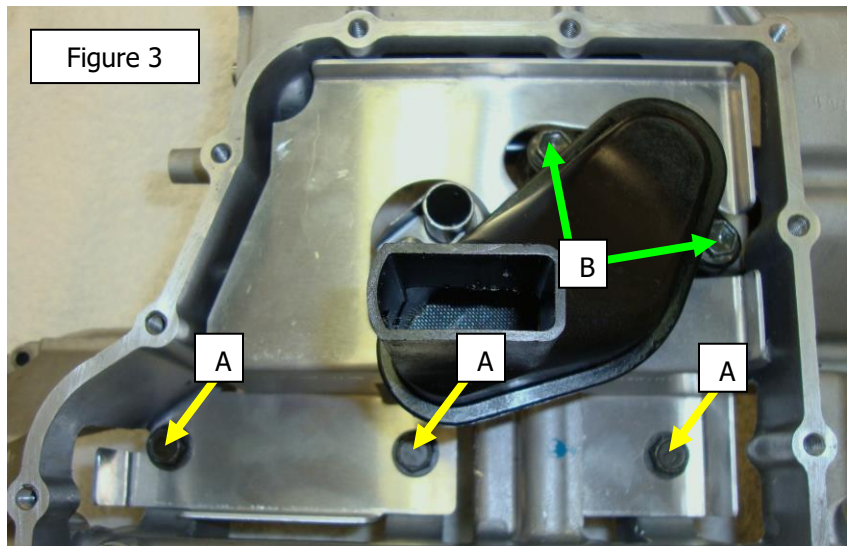
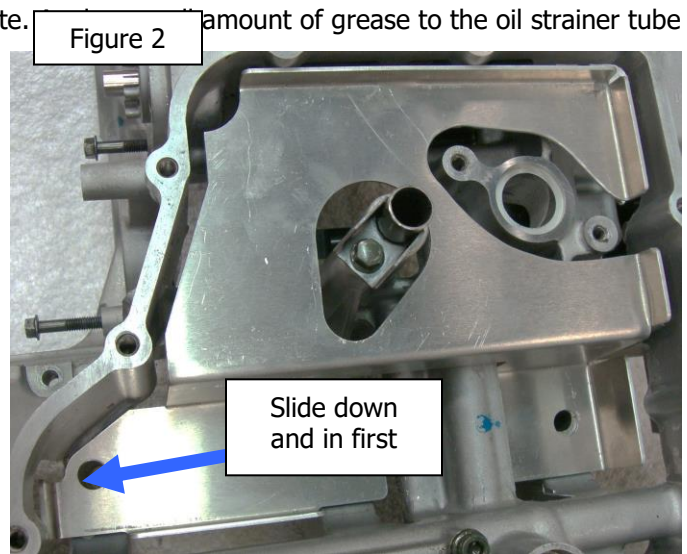
11. Torque the bolts to 7.0 lb-ft in a diagonal pattern.

12. Replace the left oil cooler line and torque the bolts to 7.0 lb-ft.

13. Replace exhaust system and lower fairings (See your service manual for additional details).

14. Fill the crankcase with motor oil. Brock's Performance recommends Alisyn synthetic motor oil for maximum performance and protection. **Fill the oil to the top of the window if desired**, no power loss occurs with the oil at this level. You may run any level you prefer with the baffle installed.

15. Start engine and check for oil leaks. Check oil level after running and top off if necessary.



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, **click:** Installation Instructions

email: Advice@BrocksPerformance.com or call us at: 937-912-0054

Brock's Performance Products policies and warranty information: www.BrocksPerformance.com, **click:** Policies