

## 2008-2013 FLHT Series Harley-Davidson

## ABS Brakes Installation Instructions

**REVISED 1 - 2017** 

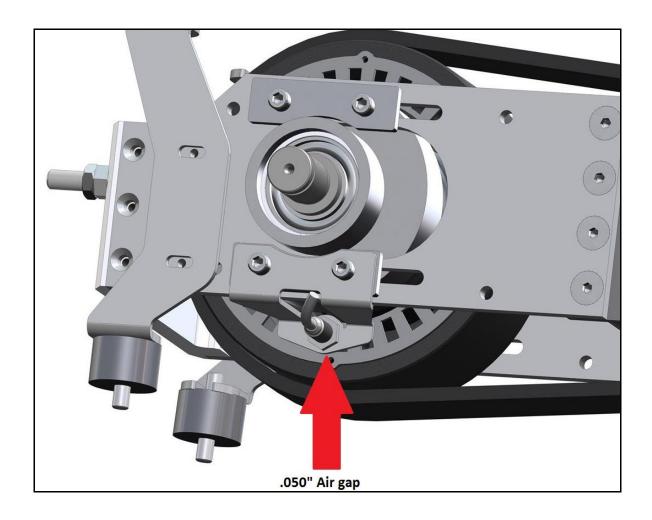
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## **Warnings and considerations:**

- 1.Disclaimer These instructions assume a level of understanding of motorcycle repair and maintenance beyond that of a "beginner" and/or "novice" and California Sidecar cannot be liable for an installer's failure to understand or follow these instructions as written. Likewise, California Sidecar cannot be responsible if any of the steps are omitted or shortcuts are taken, or parts other than those supplied by California Sidecar are used.
- 2. "WARNINGS" are all printed in bold type and capitalized. They mean to use extreme care in a given step so as not to damage the part, motorcycle, and/or yourself.
- 3. Always wear safety glasses when using hand and/or power tools.
- 4. When working in and around the fuel system, always work in a well-ventilated area, free from sparks and open flames.
- 5.All directional references to the "right side" and the "left side" are as you were seated on the motorcycle.
- 6.All directional references to "forward" mean to the front of the motorcycle while "back" means the rear of the motorcycle unless otherwise stated.

- 1. <u>Do not remove either brake line or drain fluid until stated</u> below.
- 2. Remove caliper from caliper bracket and hang it with a zip tie.
- 3. Finish disassembly, Front belt installation, and Rear suspension installation.
- 4. Install rear brake line to distribution block with banjo bolt and two crush washers.
- 5. With a helper have them depress the rear brake pedal about 1/3 of the way down and hold it there the hole process.
- 6. With pressure on the pedal remove the rear brake line going to the caliper from the A.B.S. module.
- 7. Install with two new crush washers the CSC rear brake line reusing the banjo bolt.
- 8. Once the banjo bolt is tight have your helper depress the brake pedal fully. This will keep any air from entering the A.B.S. Module.
- 9. We recommend that you only hand bleed the system.
- 10. Brake bleeding procedure will be the same.
- 11. If any air gets in the A.B.S. Module you will have to have a Harley Davidson Dealer bleed the brakes using there Digital Tech.
- 12. Route the ABS sensor wire up to the ABS control module and plug it into the OEM wheel speed sensor plug.

13. Confirm that the air gap between the sensor and the trigger wheel is .050 of an inch.



14. Use cable ties to hold the rear brake hose and the sensor wire to the frame mount(s).