

Please read all the information on the previous page and the following information completely prior to assembling your wheels.

Helpful Hints

1. Make sure that all wheel and hub surfaces are clean.
2. On directional style wheels, ensure that both the front and rear wheels are assembled in the correct direction. Correct orientation is with the valve stem located on the right side when seated on the motorcycle.
3. It is a good rule of thumb to chase all threads with a tap and/or die prior to assembly.
4. Prior to and after final installation, bearings should spin with no noticeable restrictions. If you feel any restriction whatsoever you should cease the installation and contact Custom Chrome through your dealer immediately.

Wheel to Hub Assembly

1. Place the right hub face down (part number up)
2. Place the wheel onto the right hub
3. Align the bolt holes
4. Install the bearing spacer
5. Place the left hub onto the wheel
6. Align the bolt holes
7. Install mounting bolts by hand
8. Place the axle through the assembly to ensure that the hubs are properly centered.
9. Using a criss-cross pattern, torque the 7/16" mounting bolts to 55ft.-lbs
10. Remove axle
11. Use the above mentioned sealed wheel bearing installation tool to fully seat the right side bearing following the instructions supplied with the tool.
There should be MAX 0.002 inch (0.051 mm) bearing spacer (#5) end-play
12. Mount the wheel with axle spacers and brake caliper brackets where applicable and torque to 50 ft lbs
13. See figure 1. Mount a magnetic base dial indicator to the brake rotor and the dial's contact pointer to the end of the axle
14. Move the wheel from side to side to check for lateral end play
15. **There should be MAX 0.002 inch (0.051 mm) bearing spacer (#5) end-play**
16. Once correct end play is confirmed, remove wheel from motorcycle
17. Remove each hub mounting bolt
18. Apply a small amount of thread lock on each bolt
19. Repeat steps 7 through 10
20. Mount the wheel with axle spacers and brake caliper brackets where applicable and torque to 50 ft lbs

NOTICE:

Improperly built or installed wheels can cause you to lose control of your motorcycle, which could result in a serious, potentially fatal accident. Please follow all included instructions with your wheel when building, installing, or replacing the wheels on your motorcycle. It is highly recommended that an experienced mechanic perform the assembly and or installation of these wheels. If the instructions are unclear, please consult your dealer or a qualified mechanic for assistance.

Please ensure that the wheel you select is the proper size. If your selection is larger than the original-equipment wheel, check carefully to confirm that there is sufficient clearance of the fender, frame, and chain or belt.

It is highly is highly recommended that a Harley Davidson wheel bearing installer/remover part number HD-44060 or JIMS part number 400394 (available through Custom Chrome) be used when installing or servicing sealed wheel bearings.

RevTech Billet Hub Installation

Included in your RevTech Billet Hub Set are the left and right hubs for the application that you ordered, the bearing spacer, and the five (5) 7/16" socket head cap screw mounting bolts. The kit also includes a small tube of thread lock.

The left-side hub is shown in the illustration and is identified by the counter-bored holes for the mounting bolts. The right-side hub is identified as the hub with the threaded holes for the mounting bolts.

Exception: On springer front models (FXST and FLSTS), the front billet hubs are reversed, because the brake rotor mounts on the right side of the motorcycle.

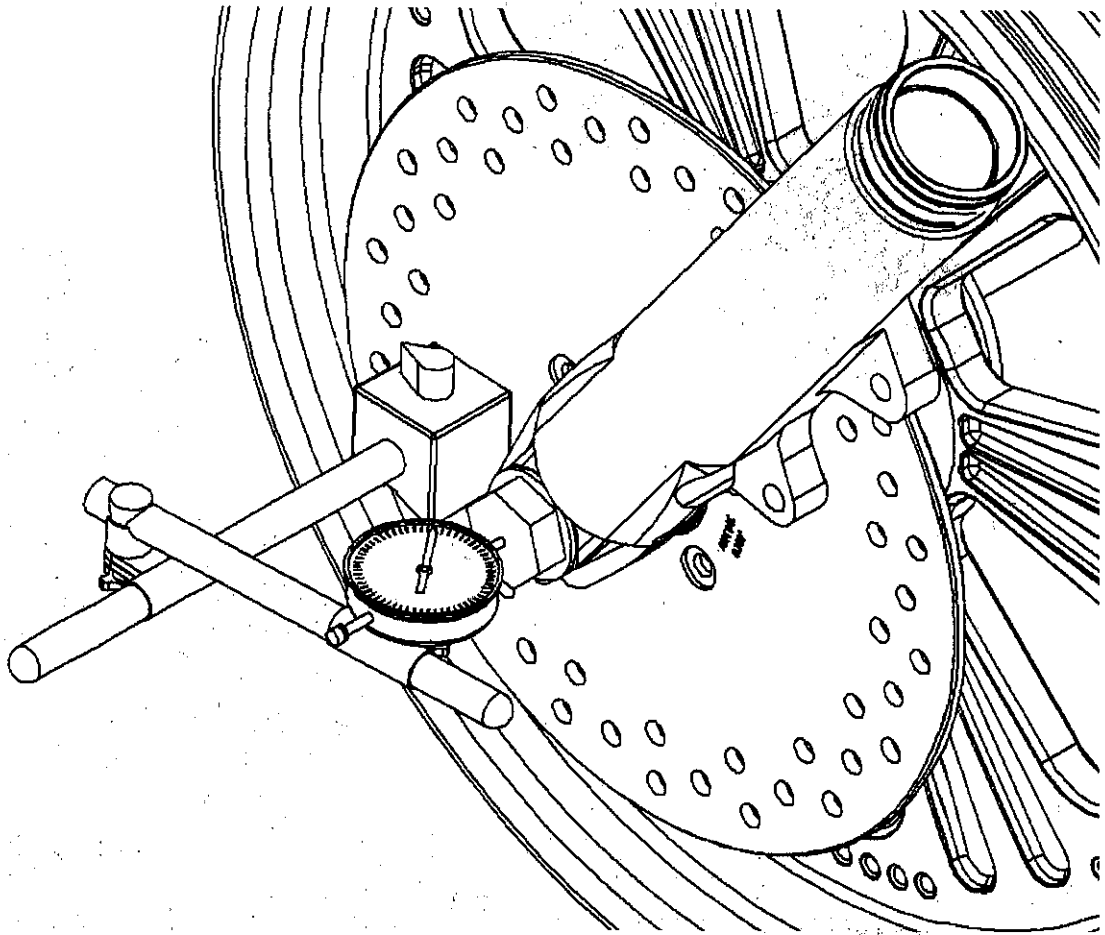
NOTE: The following instructions are for final assembly. Prior to final assembly and mounting of tire on wheel, the hubs should be installed without applying thread lock compound to the mounting bolts and end play checked using Harley Davidson factory service procedures. Bearing end play must be set to a MAX 0.002 in (0.051 mm). Upon confirmation of correct end play, mounting bolts should be removed and reinstalled with thread lock compound and torqued again to 55 ft-lbs.

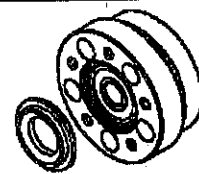
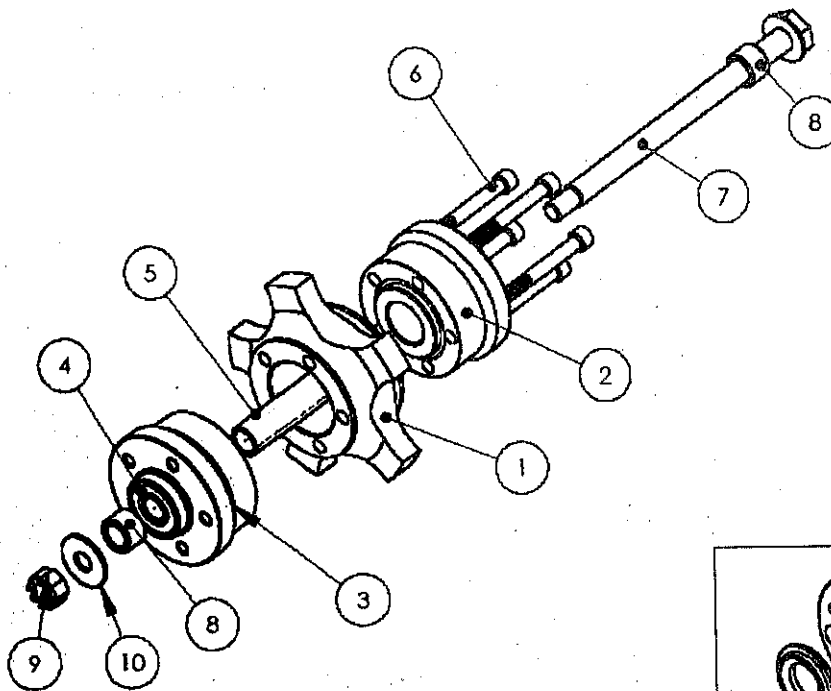
FAILURE TO CORRECTLY SET BEARING END PLAY CAN RESULT IN WHEEL BEARING FAILURE AND COULD RESULT IN A SERIOUS, POTENTIALLY FATAL ACCIDENT. A PROPERLY CONFIGURED DIAL INDICATOR MUST BE USED TO INSURE CORRECT END PLAY IS ACHIEVED.

If you have a pre-2000 application, there are additional hub adapter rings (2) supplied. They install in a step in each hub and provide a seat for the brake rotor and drive pulley. The flat side of the adapter ring should go against the sealed bearing.

For any technical questions or assistance, Retail Customers should contact the Custom Chrome Dealer from whom they made their purchase. If you are a Custom Chrome Dealer please call the Customer Service toll free number inside the front cover of your dealer catalog.

FIGURE 1





HUB ADAPTER RINGS
QTY AS REQUIRED
*SEE INSTRUCTION SHEET

10	AXLE WASHER	1
9	AXLE NUT (USE EXISTING)	1
8	AXLE SPACER (USE EXISTING)	2
7	AXLE (USE EXISTING)	1
6	7/16 - 14 x XX CAP SCREW	5
5	BEARING SPACER	1
4	SEALED BEARING	2
3	RIGHT HUB (THREADED HOLES)	1
2	LEFT HUB (THROUGH HOLES)	1
1	BILLET WHEEL	1
ITEM NO.	DESCRIPTION	QTY.

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		DIMENSIONS ARE IN INCHES
		TOLERANCES:
		FRACTIONS ±
		ANGULAR: MINUS .0010 ±
		TWO PLACE DECIMAL ±
		THREE PLACE DECIMAL ±
		MATERIAL
		FINISH
NEXT ASSY	USED ON	
APPLICATION	DO NOT SCALE DRAWING	

	TIME	DATE
DRAWN		
CHECKED		
ENG APPR.		
MFG APPR.		
QA		
COMMENTS		

RevTech

**BEARING
INSTALLATION**

SIZE: 1000, 1100
A Bearing Installation B

SCALE: 1:1 WEIGHT: SHEET 1 OF 1