



**HARLEY DAVIDSON SWITCHBACK 2012 DYNA GLIDE
INSTALLATION INSTRUCTIONS
PART# 1D28R and 1D28RB**

Congratulations on owning a Genuine set of Bassani Xhaust® Pipes. Bassani Pipes are designed for maximum sound and performance. Please follow the instructions below for installation. If you have any questions please call our tech line at 714-630-1821. Thank you!

CAUTION: WRAPPING of Pipe with Heat Tape may adversely affect the pipe & will Void Warranty!



TOOLS REQUIRED

5/16" Nut driver		3/8" Socket Swivel	
Snap ring Pliers		1/2" & 14mm Wrenches	
Socket Extension 3/8"		Ratchet 3/8"	
1/2" 13mm & 15mm Sockets			

READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION

PARTS LIST	5 = # 24 Hose Clamps		1 = # 36 Hose Clamp	
	2 = 18mm O2 Sensor Reducers		2 = 18mm x 1.5 O2 Sensor Plugs	
			1 = 27-73 Barrel Band Clamp	

BASSANI ROAD RAGE B1 MUFFLER SYSTEM

EXHAUST SYSTEM	1. Front Head Pipe Heat Shield	
	2. Rear Head Pipe Heat Shield	
	3. Collector Heat Shield	
	4. Front and Rear Head Pipe Assembly	
	5. Long B1 Muffler with Black Fluted End Cap {BE40R} and Baffle {B2516}	

* In part # 1D28RB piece's numbered 1, 2, 3, and 5 will be Black Ceramic

POWER YOU CAN FEEL



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STOCK EXHAUST REMOVAL INSTRUCTIONS

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| <ol style="list-style-type: none"> 1. Remove right side saddlebag. 2. Using a T45 Torx, remove the (2) rear bolts on the front right side floor board. {Figure 1} Save for reuse. 3. Loosen the muffler clamp where the head pipes and muffler join with a 15mm socket. {Figure 2} 4. Remove the stock hardware that attaches the muffler to the stock mounting bracket. Save the hardware as it will be reused. Rotate slightly and slide the stock muffler free of the motorcycle. 5. Carefully disconnect the O2 sensors from their connection on the bike. (The rear one is located under the seat.) 6. Undo the clamp that attaches the front cylinder head | <p>pipe to the bracket that extends out from under the cam cover. {Figure 3}</p> <ol style="list-style-type: none"> 7. Remove the flange nuts at the heads. {Front figure 4 & rear figure 5} Carefully remove the head pipe assembly free of the motorcycle, saving the flange nuts, flanges, and the circlips for reuse. 8. Remove the stock exhaust port gaskets, exchange them for Screaming Eagle, James flat gaskets, or pre 2008 stock Harley Davidson <u>flat</u> gaskets. (Not supplied) 9. Remove the clamp {Figure 6 & 7} and hardware on the front head pipe and save for reuse on your new system. 10. Carefully remove the O2 sensors from the head pipes. |
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INSTALLATION INSTRUCTIONS FOR BASSANI EXHAUST SYSTEM

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| <ol style="list-style-type: none"> 1. Thread the previously removed O2 sensors into the supplied 18mm / 12mm reducers using a small amount of anti-seize on the threads. {Figures 8, 9, 10, & 11} Thread the reducers into the O2 fittings on the front and rear head pipe assembly, using a small amount of anti-seize on the threads. Tighten, but be careful not to over tighten. 2. Install the previously removed exhaust flanges and circlips on the Bassani pipe. {Figure 12} 3. Install the Bassani head pipe assembly to the front and rear exhaust ports. Slide the exhaust flanges over the exhaust studs and secure with the stock flange nuts. (Do not tighten completely at this time. 4. Connect the O2 sensors to their appropriate connections. 5. Reattach the previously removed 2 piece clamp to the front head pipe and the bracket extending out from under the cam cover using the stock hardware. {Figure 13} 6. Slide the supplied barrel clamp over the inlet end of the muffler assembly, and then slide the muffler the outlet end of the head pipe assembly collector. {Figure 14} Attach the muffler to the stock mounting bracket at the rear {Figure 15} and the front {Figure 16} of the bracket using the stock hardware. | <ol style="list-style-type: none"> 7. Starting at the front cylinder and moving back and forth, tighten down all the hardware a little at a time, while checking for adequate clearance between the exhaust and engine parts. This will help to align the header pipes for a proper seal. 8. Slide the supplied # 24 hose clamps through the H-Clips {Figure 17} on the heat shields making sure to position the hose clamps so that you have access to the bolt head for tightening. Carefully install the heat shields over the front and rear head pipes and connect the hose clamps, do not tighten completely at this time. 9. Slide the supplied # 36 hose clamp through the H-Clip on the collector heat shield and position the collector shield over the collector with the small clips {Figure 18} under the edges of the head pipe heat shields. {Figure 19} Position the heat shields to your satisfaction {Figure 20} and tighten all the hose clamps. 10. Reattach the front right floorboard. Tighten the bolts to 36 to 42 ft lbs using Blue Locktite. 11. Before starting the motorcycle, clean and wipe down the pipes with a non-residue or similar type of cleaner and a soft clean cloth. Removal of fingerprints and any oil base residue is necessary to avoid staining the chrome when the exhaust system heats up. We also recommend that you check all your hardware periodically. The vibrations of your motorcycle could cause hardware to loosen. |
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Note: Any modification to the factory (stock) installed intake or exhaust system alters the air/fuel Ratio. Modifications result in the air fuel ratio becoming dangerously lean (too much air, not Enough fuel). This condition can be harmful to your engine. This can be corrected by installing, an aftermarket fuel module sometimes referred to as a program or programmer. Bassani recommends you take your motorcycle to a qualified technician/ tuner for this work.

INSTALLATION INSTRUCTIONS FOR BASSANI EXHAUST SYSTEM



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Thank you for choosing Bassani Xhaust.

The following information is provided to help you enjoy the added benefits of riding with Bassani.

EXHAUST CARE AND MAINTENANCE

- Due to the effects of normal engine vibration you should check hardware frequently.
- Clean with a soft cloth and Rubbing Alcohol or glass cleaner to remove fingerprints, and any residue prior to starting. Fingerprints or any residue will stain the finish when pipes get hot.
- **DO NOT** use an abrasive cleaner or coarse cloth on any chrome plated surface.
- Use glass cleaner and a soft clean cloth to shine and maintain brilliance.
- Cure the finish (chrome or coated) by running the engine at idle/low rpm for 30 seconds to 1 minute. Stop engine and allow pipes to cool. Repeat this step 3-4 times.

MANUFACTURER'S GUARANTEE

- Bassani provides a warranty on manufacturing defects. Manufacturing defects include material and workmanship. All components are inspected and carefully packaged before shipping.
- With any new exhausts, we recommend changes to carburetor jetting or use of an aftermarket fuel injection control module.
- Black pipes are warranted for 90 days from the date of purchase. Bassani does not guarantee the pipes against discoloration.
- Chrome plating WILL discolor when exposed to high temperature. There is no warranty on exhaust pipes and mufflers with regard to any discoloration. The high exhaust temperatures found in engines exceeds the capabilities of the chrome plating to handle the heat without discoloration. Bluing is caused by tuning characteristics, cam timing, carburetor jetting, overheating, etc. and is not caused by defective manufacturing. No refunds on exhausts pipes once motorcycle is started unless there is a defect.
- Flanges and retaining rings are not included with most aftermarket exhaust for 1984 – 2012 Evolution and Twin Cam models. Re-use your existing hardware.

DISCLAIMER

- Federal E.P.A. and state laws make it illegal to remove properly functioning OEM catalytic converters from vehicles which are operated on public streets and highways.
- Bassani Xhaust Motorcycle products are designed for use on motorcycles with non-catalyzed exhaust and/or emission systems. Use on motorcycles subject to E.P.A. and/or CARB (California Air Resources Board) regulations constitutes tampering and is a violation of Federal / Local Law unless it can be shown that such use does not cause the motorcycle to exceed applicable Federal/CARB standards.
- California does not permit the use of aftermarket exhaust systems that remove original equipment pollution control devices such as catalytic converters and oxygen sensors. Exhaust systems that remove original equipment catalysts are legal in California for racing purposes only on motorcycles used in closed course competition and never on public streets or highways.
- Bassani Xhaust is unable to provide a comprehensive list of motorcycles equipped with catalyzed and/or emissions controlled exhaust systems.
- Therefore, prior to purchasing a Bassani Xhaust system, components, and/or mufflers for your motorcycle it is imperative that you check with an authorized (Franchised) motorcycle dealer to insure the OEM Motorcycle Exhaust system does not/did not contain a catalytic converter.

2900 E. La Jolla, Anaheim, CA 92806

Fax (714) 630-2980 Phone (714) 630-1821