



HARLEY DAVIDSON 2022 SOFTAIL LOWRIDER ST INSTALLATION INSTRUCTIONS PART# 1S78SS

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		1/2" & 9/16" Sockets	
Snap ring Pliers		T-25 & T-45 Torx Sockets	
Socket Extension 3/8"x 6"		1/2", 9/16" & 7/8" Wrenches	
Socket Swivel		Ratchet 3/8"	

READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION

HARDWARE	6 = # 24 Hose Clamps 	1 = 64-67w4 Euro SS Band Clamp 	2 = 5/16" x 3/4" Hex Head Bolt 	2 = 5/16" Lock Washers 	2 = 5/16" Flat Washers
	1 + Tube Anti Seize 	2 = 12 mm x1.5 mm O ² Sensor Plugs 	2 = 18 mm to 12 mm Adaptor 	1 = Mounting Bracket BKT-S35 	

BASSANI STAINLESS STEEL 2 Into 1 ROAD RAGE III SYSTEM

EXHAUST SYSTEM	<ol style="list-style-type: none"> 1. Front and Rear Stainless Steel Head Pipe Assembly 2. Front Pipe Stainless Steel Heat Shield 3. Rear Pipe Stainless Steel Heat Shield 4. 4" Stainless Muffler Housing(03-0069S) with Baffle(B253011P) and Tig Welded billet end cap(SE-40) 	

WARNING: The parts contained in this box may not be legal for sale and/or installation on Motorcycles operated on public roads in California. The California Air Resources Board (CARB) does not permit the use of aftermarket emission-related parts that alter the performance of OEM emission-related devices unless CARB has issued an Executive Order, other than on racing vehicles on closed courses. Check your local laws and manufacturers information.



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INSTALLATION INSTRUCTIONS
PART# 1S78SS**

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Installation Photos For BASSANI Exhaust System



Figure 1



Figure 2



Figure 3

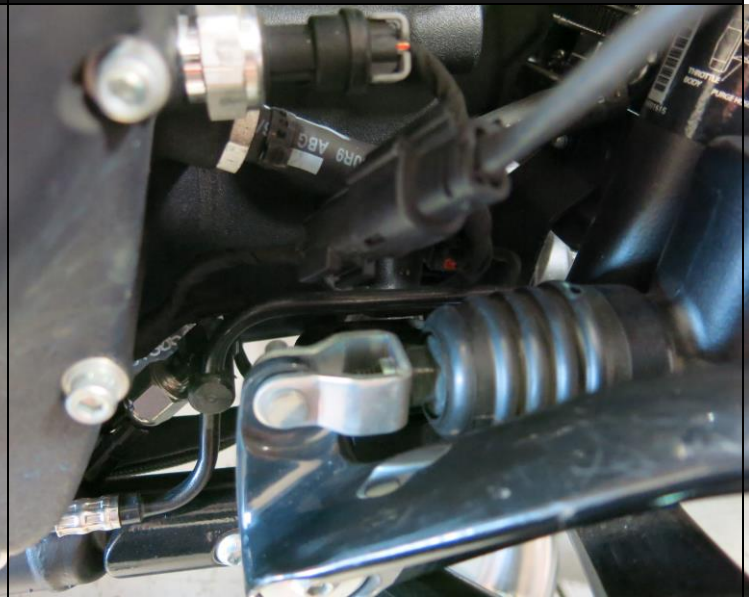


Figure 4

Bassani

Exhaust



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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. It 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.

STOCK EXHAUST REMOVAL INSTRUCTIONS

1. Remove the stock exhaust system from the motorcycle. The Heat Shields come off first, followed by the mufflers and then the Head Pipes.
2. Remove the O2 sensors from the Head Pipes. Save the Flanges, the C-Clips, and the O2 Sensors for re-fitting. Check the condition of the

- Exhaust Port Gaskets and replace if necessary.
3. Remove the Passenger Foot Peg from the Muffler mounting bracket on the right side, if so equipped.
 4. Remove the stock Muffler mounting Bracket and save the two Bolts that attach it to the frame.

INSTALLATION INSTRUCTIONS FOR BASSANI EXHAUST SYSTEM

1. Fit the supplied Muffler mounting Bracket using the two Stock Bolts. The Bobbin for the bag mount can be installed on the outside of the mounting bracket. (See Figure 1)
2. Fit the Flanges and C-Clips to the new Head Pipes and install on the motor. (See Figure 2) Do Not tighten the Flange Nuts all the way.
3. Using the supplied Stainless Steel Band Clamp, (64-67w4) go ahead and install the Muffler. It is suggested that you use Anti-Seize Compound on the Clamp Bolt to stop it from gawling and locking up. (See Figure 3)
4. Fit the two 5/16" x 3/4" Bolts, Lock, and Flat Washers through the Mounting Bracket into the Muffler Body Mount. Snug in place.
5. Now you can tighten the Flanges at the Exhaust Ports, the Muffler to the Mounting Bracket, and the Muffler Clamp to the Head Pipes.
6. Install the O2 Sensors using the supplied Adapter fittings. Use a small amount of Anti-Seize Compound on the threads. If the front O2 Sensor Lead is too short to reach the fitting in the Head

- Pipe you will have to remove the connector that is attached to the inside lower frame rail and bring the connector and wiring around from behind and come up above the engine mount. (See Figure 4)
7. Fit the Heat Shields to the Head Pipes starting with the front Shield. Use the supplied clamps and fit the clamps so the heads are accessible for tightening but out of the line of sight. Once you have both Shields installed even up the ends at the collector and tighten the clamps.
 8. Once everything is refitted and tightened to your satisfaction, wipe the Pipes, Heat Shields, and Muffler down with a No Residue leaving cleaner and a soft clean cloth. Removal of fingerprints and any oily residue is necessary to avoid staining the finish when the Exhaust System heats up.

POWER YOU CAN FEEL



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. Any modification to the Bassani Exhaust system, its mounting hardware, or the brackets would void all warranties real or implied.
- 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 – UP 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. Exhaust systems that remove original equipment emission controls are legal in the United States for racing purposes only on motorcycles used in closed course competition and never on public streets or 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 ensure the OEM Motorcycle Exhaust system does not or did not contain a catalytic converter.