

Kawasaki VN2000 Exhaust (VN20-ESXT)

STOCK EXHAUST SYSTEM REMOVAL

1. Remove right side frame cover.
2. If motorcycle is oxygen sensor equipped, remove passenger seat. Remove two bolts securing operator seat and set seat aside. Locate and unplug oxygen sensor connector from wiring harness.(Note wire routing for reassembly).
3. Remove right side floorboard assembly held in place by two bolts
4. Remove exhaust port flange nuts.
5. Remove flange bolts securing both mufflers to exhaust system mounting bracket.
6. Remove complete exhaust system. Start by removing front head pipe from exhaust port
7. Check condition of stock exhaust gaskets. Replace if damaged or worn.
8. Cut wire loop on the stock bracket from around the rear brake hose.
9. Remove three bolts holding stock exhaust mounting bracket and remove.

BRITT EXHAUST SYSTEM INSTALLATION

1. Remove exhaust system and heat shields from protective packaging. Place exhaust on a non-abrasive surface such as a blanket or carpet.
2. If motorcycle is oxygen sensor equipped, unscrew the sensor from the stock exhaust system and install it into the BRITT exhaust system. Note: Use caution when handling. Do not touch sensor tip area.
3. If motorcycle is not oxygen sensor equipped, install 18mm plug and washer(supplied) into the oxygen sensor boss.
4. Carefully slide heat shields into headers.
5. Loosely install each hose clamp by feeding tail end of clamp into heat shield clip. Take note of clamp screw head direction . Screw head should be accessible when system is installed on motorcycle for adjustment purposes.
6. Using stock flange nuts, carefully install system into exhaust ports starting with the rear port first.
Note: Do not tighten yet.
7. Slide stock bolts through the mounting tabs and start bolts into frame.
Note: Do not tighten yet.
8. Tighten exhaust port flange nuts securing head pipes to cylinder heads.
9. Tighten rear mounting bolts.
10. Tighten clamps on head pipe heat shields.
11. Check for adequate clearance between all exhaust system components and motorcycle accessories prone to heat damage.
12. After installation and before starting motorcycle, completely clean pipes solvent and a clean, soft cloth that will not leave a residue.
Note: Any residue, oil, or fingerprints will stain the chrome when the metal heats up.
13. All hardware must be properly tightened before starting motorcycle.

HELPFUL HINTS TO AVOID DISCOLORATION OF EXHAUST PIPES

1. Follow owner's manual instructions regarding use of the choke (starter enricher). If left on longer than recommended, discoloration may be accelerated.
2. Avoid long periods of idling.
3. Intake leaks can cause engine to run lean and overheat, thus turning the pipes blue.
4. Make sure there are no exhaust leaks at the junction of the exhaust pipe and cylinder head.
5. When installing a new set of chrome pipes, make sure your hands are clean and free of oil. After installation, thoroughly clean pipes with a cleaning solvent that will leave no residue (glass cleaner, alcohol, ammonia, etc.) before starting the motorcycle.

WARNING!
“BRITT MOTORSPORTS”
DOES NOT WARRANTY ANY CHROME PRODUCTS
AGAINST DISCOLORATION

BRITT MOTORSPORTS, INC.
6431 MARKET ST
WILMINGTON, NC 28405
Phone: (910) 791-8321
www.brittmotorsports.com