



**INSTALLATION AND OWNER'S MANUAL**  
**Titanium Exhaust Kit Z4042 for use with**  
**R1200 GS.**



- Torx Wrench, T-30
- Socket, 15mm
- Socket, 13mm
- Ratchet Wrench
- Torque Wrench
- Hex Key Wrench, 6mm
- Hex Key Wrench, 3mm
- Spring Puller

**PARTS LIST**

<u>Index</u>	<u>Description</u>	<u>Qty.</u>
1	Pipe, Collector	1
2	Silencer	1
Parts Bag		
3	Bumper, Rubber	1
4	Screw, M8 x 25	1
5	Washer, Flat	1
6	Spacer, Spool-Shaped	1
7	Cover, Hanger Clamp Edge	1
8	Pipe Clamp	1
9	Retainer Spring	1
10	Cover, Retainer Spring	1
11	Hanger Clamp	1
12	Rubber Strip, Hanger Clamp	1
13	Warranty Card	1
14	Sealant Packet	1

**NOTE: Warranty Card, item 13 must be completed and mailed back to National Cycle, Inc.**

NOTE: Right and Left side of Motorcycle is determined while sitting on the bike.

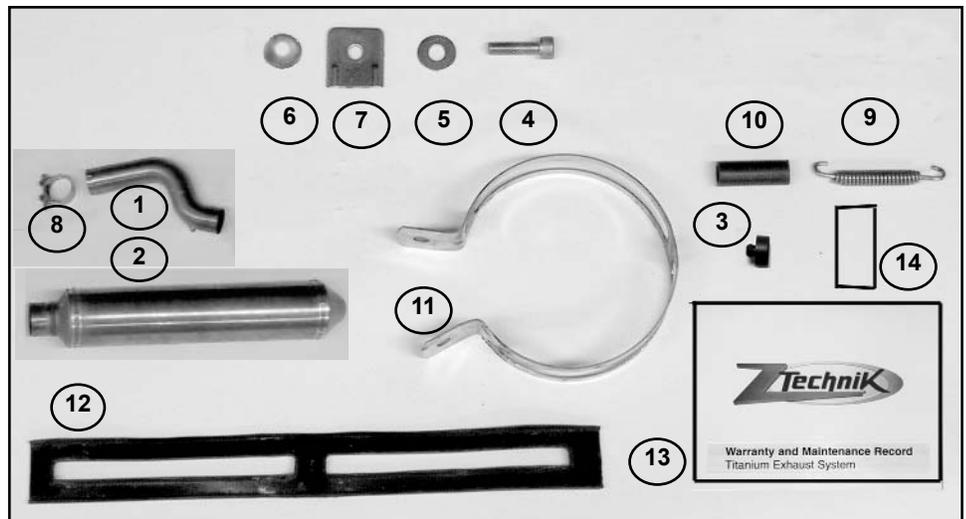


Figure 1

## PREPARATION

1. Complete and return Warranty Card, item 13, to ZTechnik. **Figure 1.**
2. Position the motorcycle securely on its center stand or a work stand.
3. Loosen the stock pipe clamp at stock collector pipe (15mm Wrench).
4. Maintaining a firm grip on stock silencer, detach stock hanger clamp (T-30 Torx Wrench). **Figure 2.**
5. Gently pull stock muffler/collector pipe assembly from header pipe assembly. **Figure 2.**

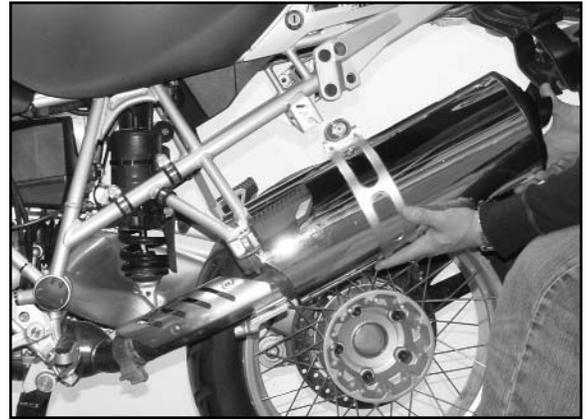


Figure 2

## INSTALLATION

1. Attach Rubber Bumper to the ZTechnik Collector Pipe. **Figure 3.**



Figure 3

2. Apply a thin film of sealant to the inside of the ZTechnik Collector Pipe. **Figure 4.**



Figure 4

3. Loosen the Ztechnik Pipe Clamp and slide it over stock Head Pipe. (13 Wrench) **Figure 4.**



Figure 5

## INSTALLATION CONTINUED

4. Insert ZTechnik Collector Pipe into stock Header Pipe.

5. Orient Collector Pipe so that rubber bumper is pointed toward the floor. **Figure 6.**

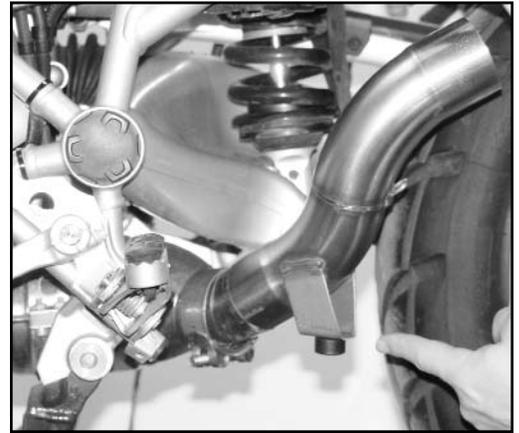


Figure 6

6. Apply a thin layer of sealant to the inside of the ZTechnik Silencer. **Figure 7.**



Figure 7

7. Slide Silencer over collector pipe. **Figure 8.**

8. Orient Silencer so that ZTechnik logo is right-side up, facing away from bike. **Figure 8.**



Figure 8

9. Place Spring Cover onto Retaining Spring. **Figure 9.**

10. Secure the Silencer to the Collector Pipe with the Retaining Spring (**Spring Puller**). **Figure 10.**



Figure 9



Figure 10

11. Install the Rubber Strip to the inside of the Hanger Clamp. **Figure 11.**

12. Wrap the Hanger Clamp around the Silencer and attach it to the motorcycle at the same place the stock Hanger Clamp was attached (**6mm Hex Key**). From the outside, the assembly sequence for the fasteners is: M8 Screw, Flat Washer, Clamp End Cover, both Leaves of the Hanger Clamp, and the Spool-Shaped Spacer. **Figure 13.**

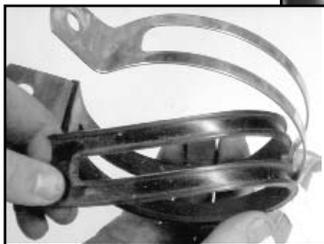


Figure 11



Figure 12

13. Tighten the Pipe Clamp to 14 ft./lbs. (**13mm Socket**) (**Torque Wrench**). **Figure 14.**

14. Start motorcycle and check for exhaust leaks. Repair any exhaust leaks before riding.

### INCREASE SOUND LEVEL

1. Allow exhaust system to cool (if engine has been running).

2. Loosen small nut located at end of Silencer (**3mm Hex Key**). **Figure 15.**

3. Slide the long, cylindrical dB Killer from end of Silencer. **Figure 15.**

4. If rider wishes to decrease sound level, follow steps 1-3 in reverse.

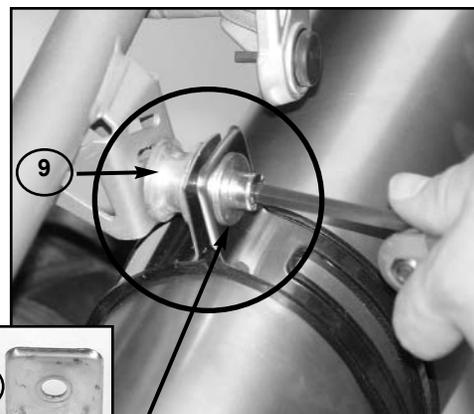


Figure 13

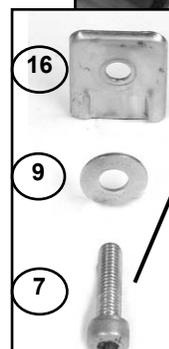


Figure 14

**MAINTENANCE** Repack the mufflers at 6000 mile (10,000 km) intervals. The muffler repack kit is Z-Technik #Z4042-001. Discoloration can be removed from the Exhaust System with a quality metal polish. Be sure to remove all polishing compound residue from the Exhaust System before running the engine. Refer to the WARRANTY PAMPHLET 10-118410-000 for complete Repack and Maintenance Instructions.