



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



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

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.

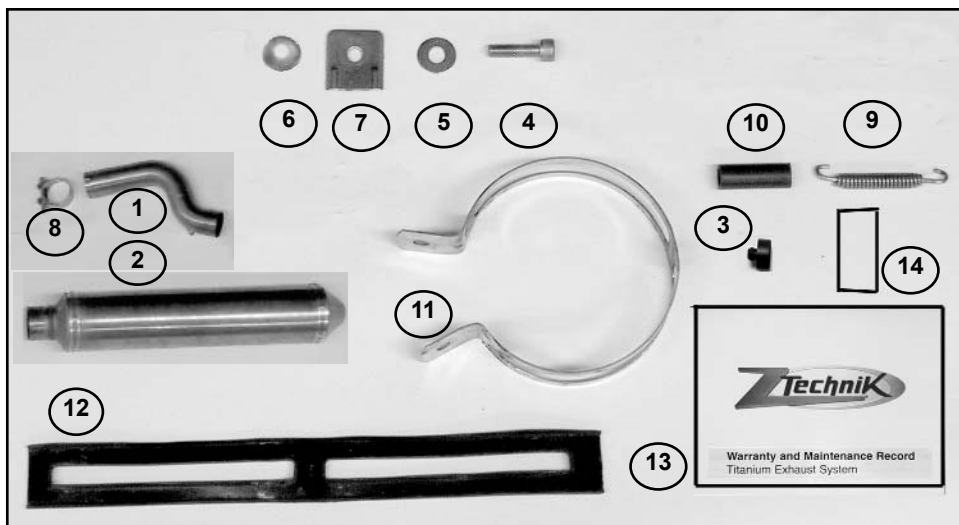


Figure 1

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.**

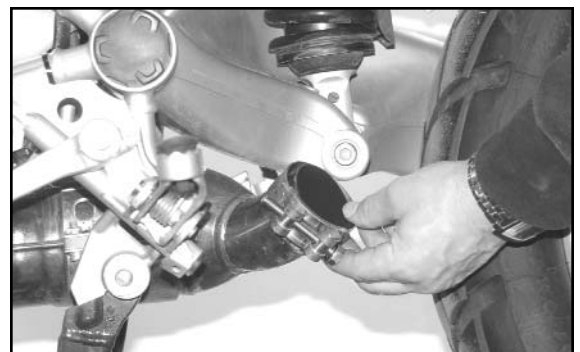


Figure 5

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.**

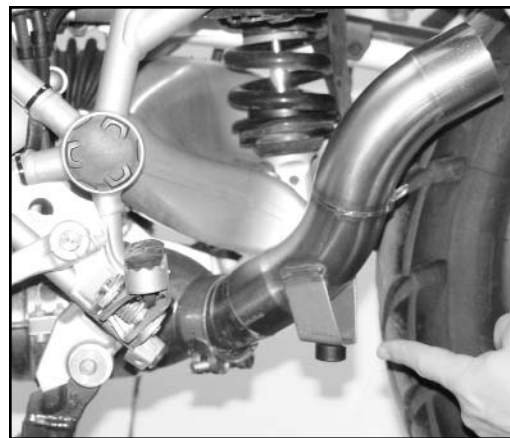


Figure 6

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.

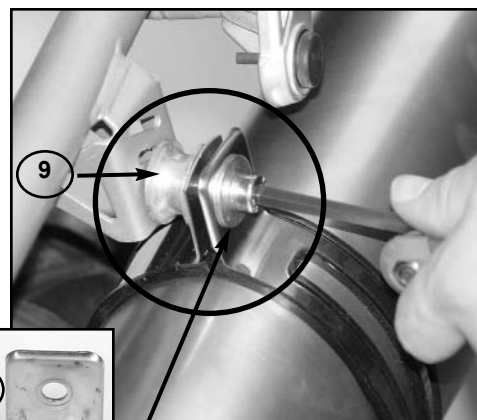


Figure 13

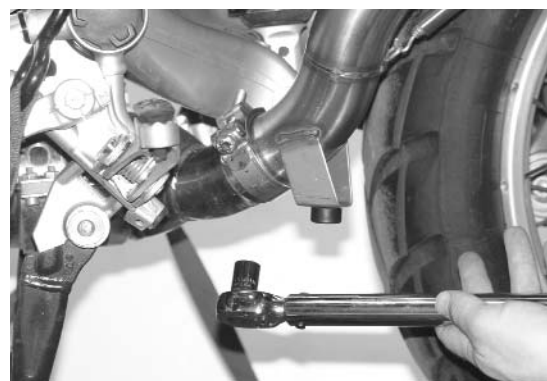
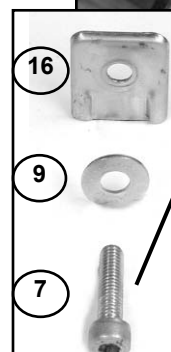


Figure 14

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.