

Please read these instructions carefully and thoroughly before beginning work.
 Before installing accessory, carefully consider whether one possesses the necessary technical skills and workshop tools to complete the installation properly. Otherwise, any Motorcycle Retailer will be glad to install this accessory.

Dealers, if installing the Exhaust for a customer please give him this manual. It contains the instructional and reference material needed to properly maintain and use this product.

At time of purchase report any missing parts directly to ZTechnik. The following information is necessary: BAG NUMBER on outside of plastic fastener bag and DATE STAMP located on the end panel of the outer box.
 Thank you.

The following symbols are used in these instructions:



Special notes and cautionary measures.



Tips for facilitation of operation, control and adjustment, as well as maintenance work.

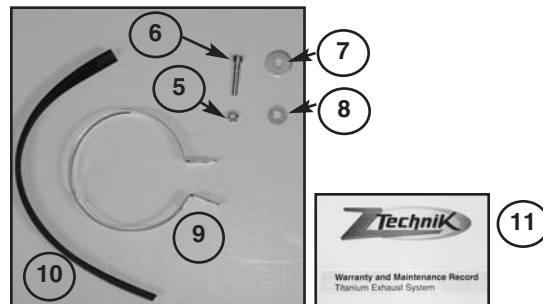
PARTS LIST


Z4060 SLIP ON EXHAUST

Index	Description	Qty.
1	Canister	1
2	Joint	1
3	Rubber Cover and Retainer Spring	1
4	Sealant Packet	1
5	Nut, M8,	1
6	Screw, M8 x 45	1
7	Washer, Large	1
8	Washer, Small	1
9	Hanger Bracket, Aluminum	1
10	Hanger Rubber	1
11	Warranty Card	1


Z4062 HEADER KIT for Z4060

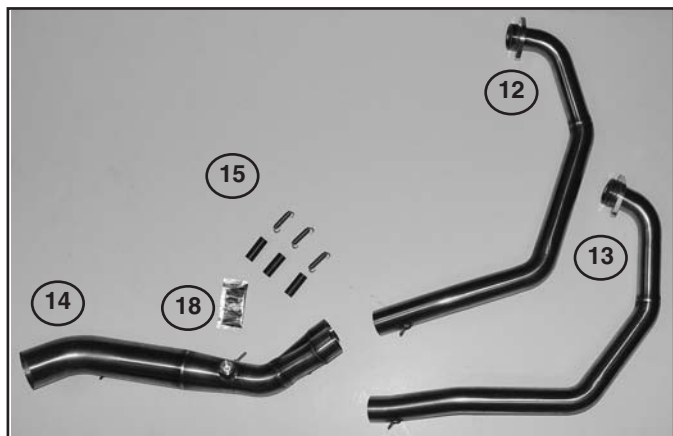
12	Head Pipe Cylinder 1 (Left)	1
13	Head Pipe, Cylinder 2 (Right)	1
14	Miild Collector	1
15	Rubber Cover and Retainer Spring	3
16	Sealant Packet	1



 It's good practice to replace cylinder gaskets and nuts when changing an exhaust. Other Parts Needed for Z4062 Head Pipe Installation:

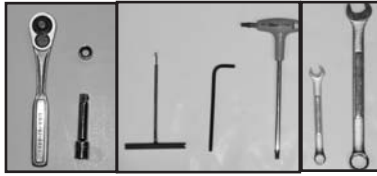
Exhaust Gaskets, BMW Part No. 18-21-7-672-804 Qty. 2
 Nuts for Cylinders, BMW Part No. 18-21-7-676-551 Qty. 4

 When installing Z4062 Header Kit to a Z4060 Slip on Kit you will not use item 2 from the parts package.





10mm, 12pt. Socket with Short Extension and Handle
Spring Puller
6mm Hex Key
T45 Torx Wrench
Box End Wrench: 22mm and 13mm



Warranty Card, item 11 must be completed and mailed back to National Cycle, Inc.



Right and Left side of motorcycle is determined while sitting on the bike.



Figure 1



Figure 2



Figure 3

PREPARATION

1. Position the motorcycle securely on its center (main) stand.
2. Loosen the muffler hanger. **(T45 Torx Wrench and 13mm Wrench) Figure 1**
3. Loosen the muffler clamp. Make very loose. **(T45 Torx Wrench) Figure 1**
4. Remove stock muffler. **Figure 2**

INSTALLATION OF SLIP ON Z4060

1. Use Sealant supplied in parts bag and apply a small amount to inside of joint.
2. Install joint. **Figure 3**

3. Assemble rubber strip to hanger strap. Remove white mask from hanger. **Figure 4**


 Rubber strip may appear too long; it's intended to be pliable and needs to be gently worked onto the bracket.



Figure 4

4. Use Sealant supplied in parts bag and apply some to inside of canister. **Figure 5**

5. Install Canister.



Figure 5

USE FASTENERS FROM PARTS BAG TO INSTALL HANGER BRACKET

6. To the inside of exhaust mount, install the hanger bracket using stock and supplied hardware:

Screw (6), large washer (7) (stock exhaust bracket with cushions and top hat washer) hanger bracket (9), small washer (8), nut (5).

(13mm Wrench and 6mm Hex Key) Figure 6

7. Check that the hanger bracket is positioned parallel to edge of canister. Tighten Hanger assembly until hanger bracket comes together. **(13mm Wrench and 6mm Hex Key) Figure 7.**

8 Install sleeve over spring, install the spring. **(Spring Puller) Figure 7 and 8**

9 Check operation of exhaust.



Figure 7

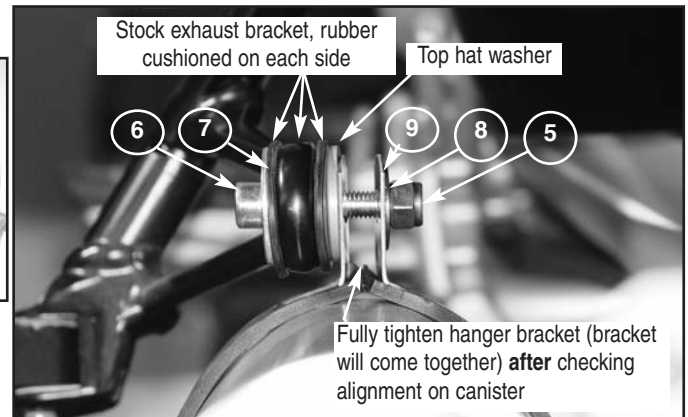


Figure 6



Figure 8



Figure 9


INSTALLATION of Z4062 HEAD PIPES

1. Follow preparation steps from page 2, 1-4.

2. Remove the Lambda sensor. (22mm wrench)
Figure 10.

 Do not let the wires to the Lambda sensor get twisted. Do not damage the sensor.

3. Loosen the nuts that hold the exhaust system to the cylinder head. (10mm 12pt Box End Wrench or 10mm 12pt. Socket with Short Extension) Figure 11.

 It's good practice to replace worn gaskets and cylinder nuts when changing head pipes.
Gasket: BMW# 18-21-7-672-804
Nuts: BMW# 18-21-7-676-551

4. Remove nuts. Support the head pipe as you remove last 2 nuts.

5. Identify left and right head pipe supplied with N4062.
Figure 12.



Figure 10



Figure 11

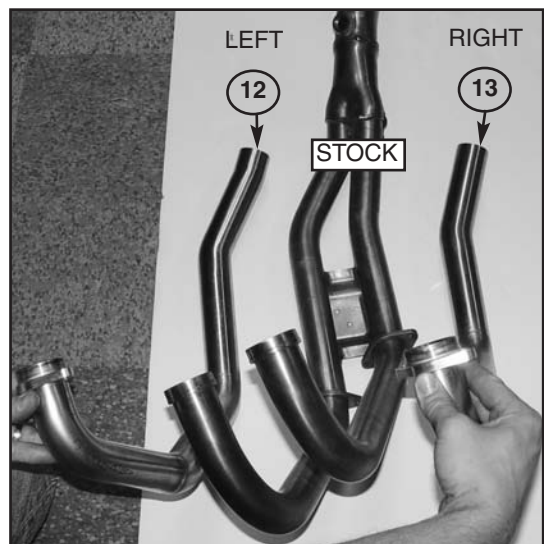


Figure 12

- 6. Install a new exhaust gasket against the cylinder.
- 7. Install the two header pipes to the cylinders. Leave loose. **(10mm, 12pt. Box End Wrench) or (10mm 12pt. Socket) Figure 13**
- 8. Use Sealant supplied in parts bag and apply some to inside of head pipes.



Figure 13

- 9. Install the mid pipe to the head pipes. With a little maneuvering, head pipes will slide into place. **Figure 14**
- 10. Locate the 2 springs from parts bag. Install a rubber cover on each spring.
- 11. Install the springs to the mid collector and pull forward to join to head pipes. **(Spring Puller) Figure 15**
- 12. Tighten cylinder nuts to: 10.3 lb-ft (14 Nm). **(10mm, 12pt. Box End Wrench) or (10mm 12pt. Socket) Figure 13.**

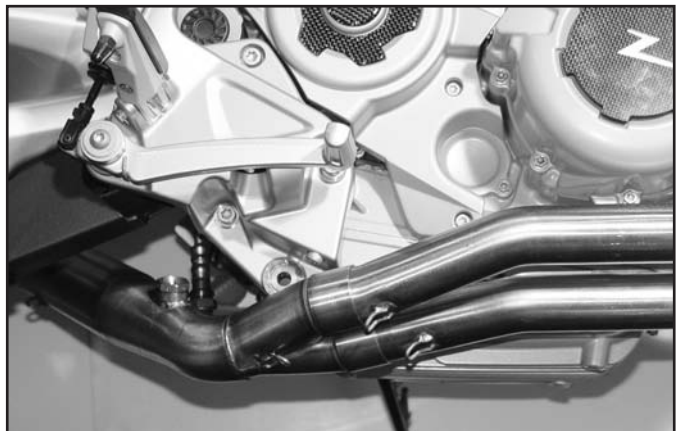


Figure 14

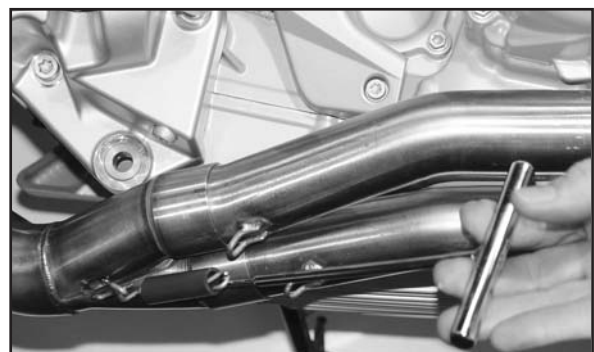



Figure 15

 **Remove the thread protector plug from the ZTechnik mid collector. This part is not used while the exhaust is on the motorcycle. Figure 16**

- 13. Apply Anti-seize Compound to the threads of the Lambda sensor. **Figure 17**



Figure 16, 17

14. Wind up (4-5 turns) the wire of the Lambda Sensor. Re-install Sensor. **(22mm Wrench) Figure 18**



Follow installation instructions 3-6 on page 3 to install canister and hanger bracket.

15. Use Sealant supplied in parts bag and apply some to inside of canister. **Figure 19**

16. Install Canister. **Figure 20**

17. Install sleeve over spring, install the spring to connect canister to mid pipe. **(Spring Puller) Figure 20**

18. Check operation of exhaust.

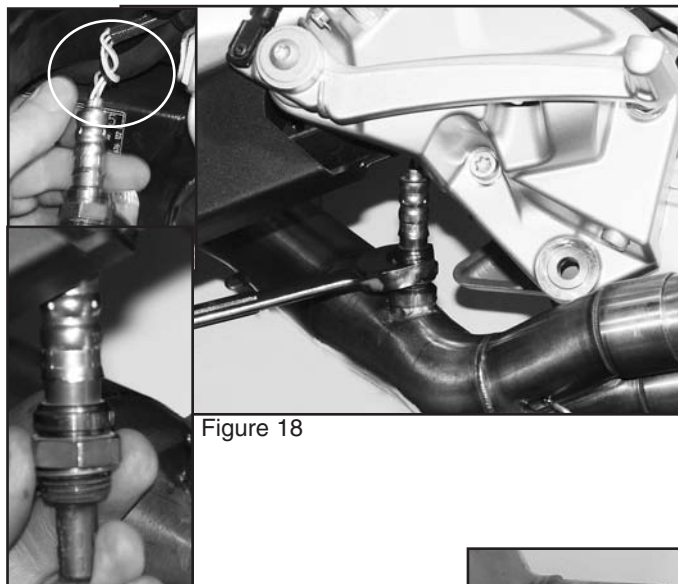


Figure 18



Figure 19

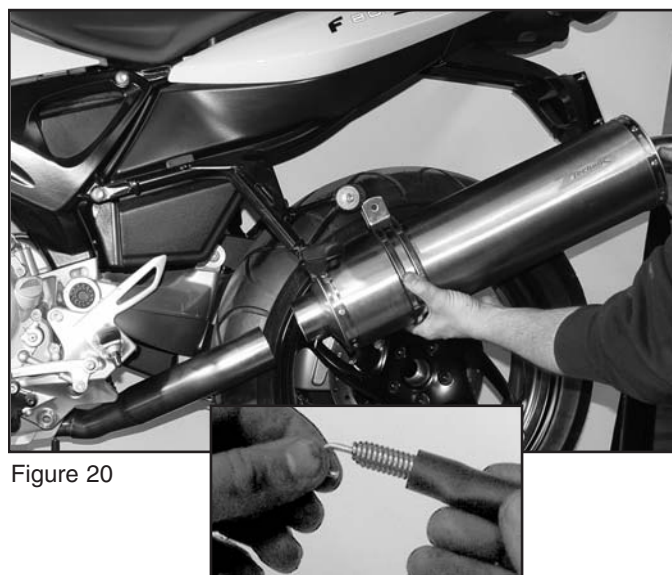


Figure 20



WARNING If the addition of an accessory(ies) adversely affects your motorcycle's stability immediately remove the accessory(ies). Do Not ride a motorcycle that exhibits unsafe handling traits. Have experienced service personnel correct any problem before riding with the accessory(ies) installed. For further questions concerning handling problems associated with an accessory(ies), contact your dealer, motorcycle manufacturer, or accessory manufacturer.



MAINTENANCE 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 10-11841-000 for complete maintenance instructions.