

Thank you for purchasing a ZTechnik product . 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 Engine Guard for a customer, please give him or her 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:



ATTENTION: Special notes and cautionary measures.

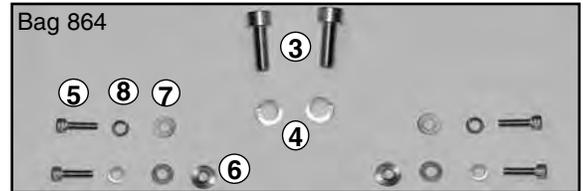


NOTE: Tips for facilitation of operation, control and adjustment, as well as maintenance work.

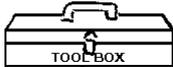
PARTS LIST

Index	Part Number	Description	Qty.
1	90-9070522-000	Engine Guard, Left	1
2	90-9070523-000	Engine Guard, Right	1
Parts Bag #864			
3	51-515830-000	Screw, CS, HS, M10-1.5 x 30	2
4	49-491010-000	Washer, Split M10	2
5	51-515322-000	Screw, M6-1.0 x 20	4
6	34-345540-000	Bushing	2
7	49-490526-000	Washer, Flat	4
8	49-491112-000	Washer, Split M6	4

Bag 864



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

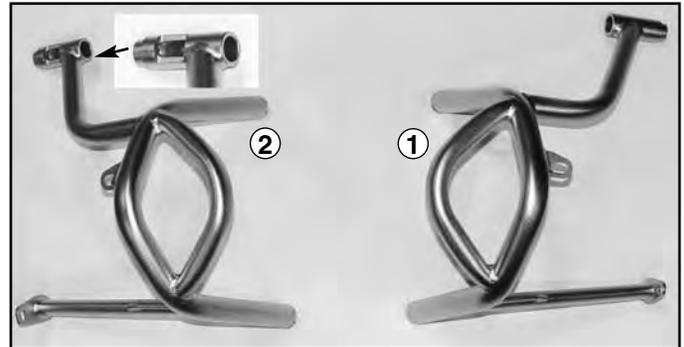


Tools for R12RT installation:

T25 Torx
T30 Torx
5mm Hex Wrench
Ratchet Wrench
8mm Hex Bit Socket
Speed Ratchet (Optional)

Tools for R12 GS installation:

T30 Torx
5mm Hex Key Wrench
8mm Hex Key Wrench



PREPARATION: ALL MODELS

1. Position the motorcycle securely on its center (main) stand.



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

**REMOVAL OF STOCK PARTS: R1200RT RIGHT
and LEFT SIDE**

1. Remove screw a. and screw b. of the lower body panel on the **right and left side** of motorcycle. **(T25 Torx Wrench) Figure 1.**

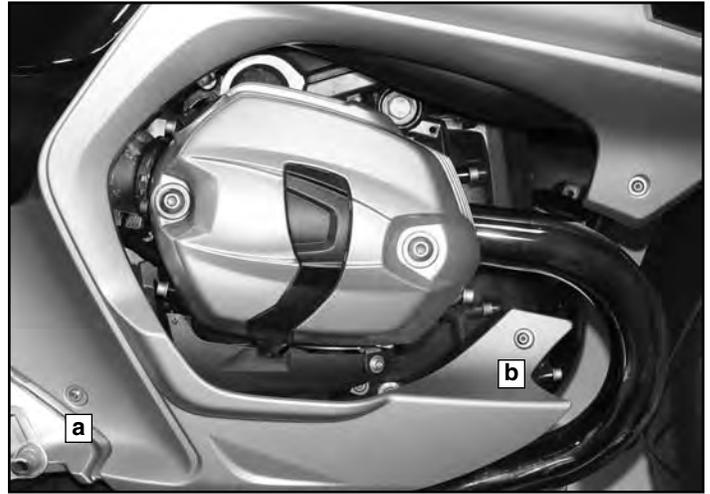


Figure1

2. On both sides of the motorcycle remove the M6 screw on cylinder head. This screw will not be reused. **(T30 Tox) Figure 2.**

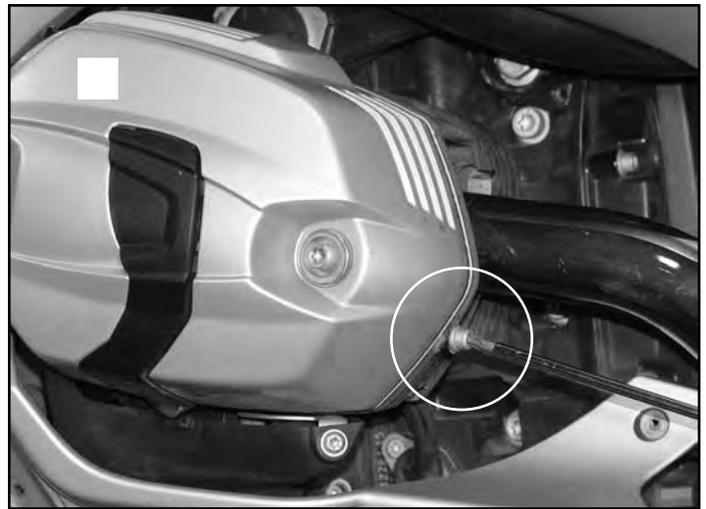


Figure 2

INSTALLATION: R1200RT RIGHT SIDE

3. Loosely install engine guard at upper mount hole using one each:

M6 Screw, M6 Split Washer and Flat Washer

(5mm Hex Key Wrench) Figure 3 and 4.



Figure 3

4. Loosely install engine guard at center mount hole using one each:

M6 Screw, M6 Split Washer, Flat washer and Bushing

(5mm Hex Key Wrench) Figure 5

 **Note position of Bushing. Flat side of bushing is against motorcycle mount point.**



Figure 4

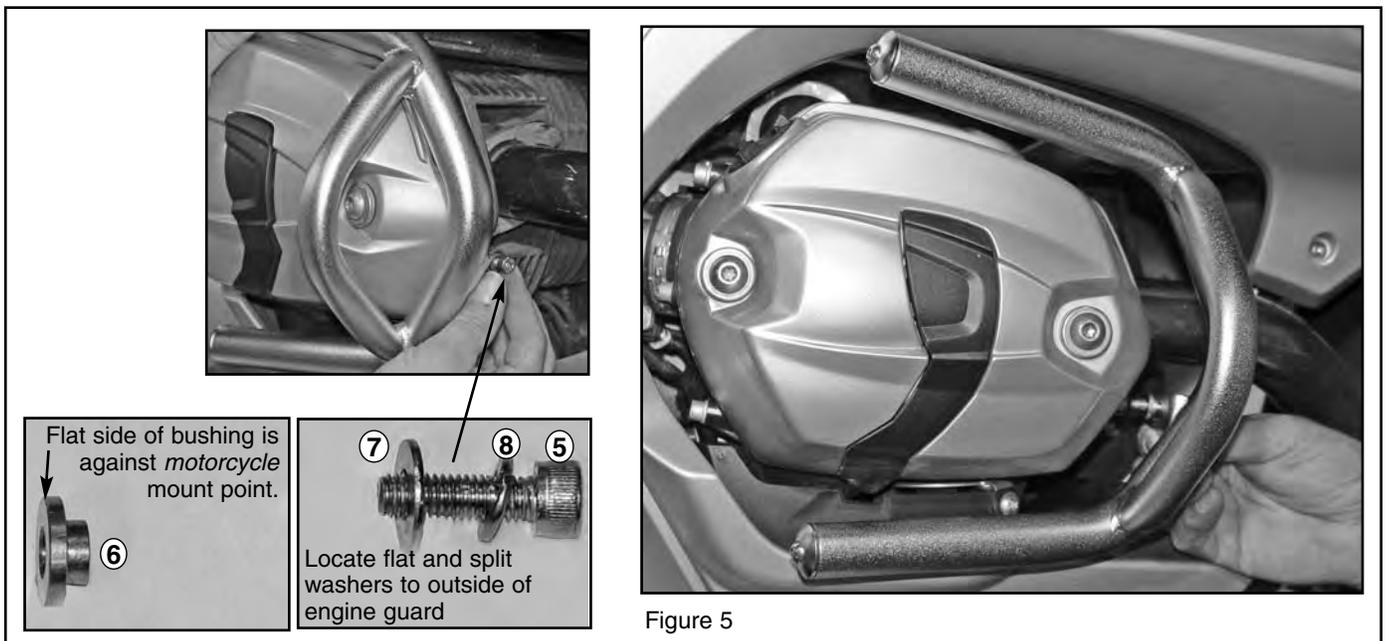


Figure 5

4. Loosely install engine guard at lower mount hole using one each:

M10 Screw (3), M10 Split Washer (4)

(Speed Wrench with 8mm Hex Key Socket)
Figure 6

5. Tighten all hardware securely starting with the lower fasteners, then the center fasteners, and finally the top fasteners.

6. Use stock screws to replace body panel. Tighten screws.

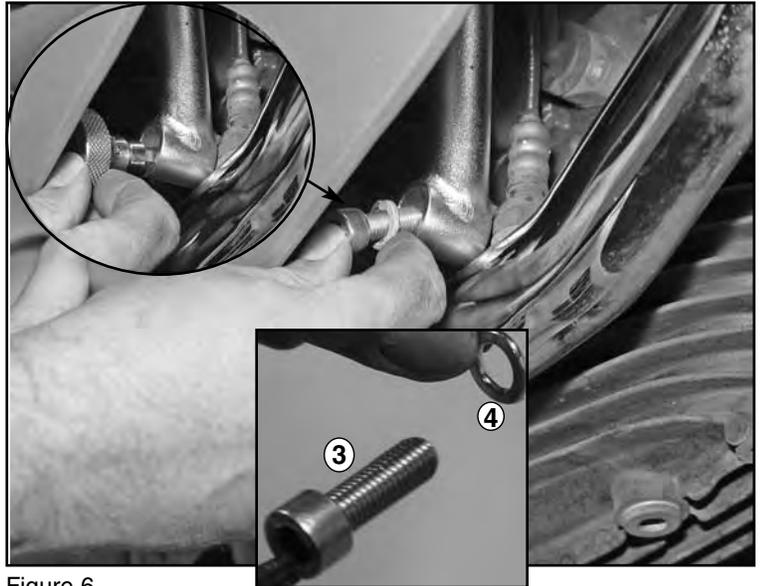


Figure 6

INSTALLATION: R1200RT LEFT SIDE

1. Remove the M6 torx head screw holding oil line. This screw will not be reused. **(T30 Torx) Figure 7**

2. Follow installation procedure for **Right Side**.

3. Tighten all hardware securely starting with the lower fasteners, then the center fasteners, and finally the top fasteners.



Figure 7

INSTALLATION: R1200GS

1. Follow installation instructions for R12RT, disregarding removal of lower fairing body screws.

MAINTENANCE OF ENGINE GUARD

The special finish of your new Z7102 ZTechnik Stainless Steel Engine Guards is more environmentally friendly than chrome or powder coated finishes on steel. Clean your Engine Guards with a soft brush using mild soap and water.



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.