

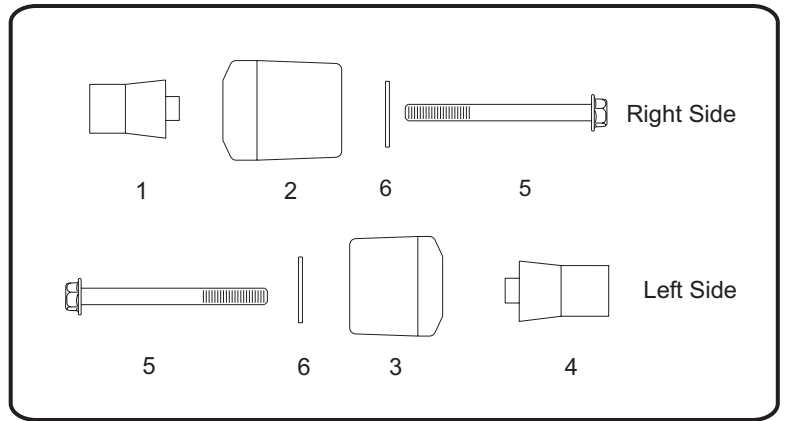
# **SUZUKI**® **INSTALLATION INSTRUCTIONS**

Description: **Chassis Protectors**  
 Applications: **2005 GSX-R1000**  
 Weight: **1 lbs.**

Part Number: Black: **990A0-63001-BLK**  
 White: **990A0-63001-WHT**  
 Installation Time: **1.0 hrs.**

## Contents:

| Drawing reference# | Description                  | Qty |
|--------------------|------------------------------|-----|
| 1                  | Right Aluminum Spacer        | 1   |
| 2                  | Right Side Chassis Protector | 1   |
| 3                  | Left Side Chassis Protector  | 1   |
| 4                  | Left Aluminum Spacer         | 1   |
| 5                  | 10 x 100mm Flange Head Bolt  | 2   |
| 6                  | 30mm Steel Washer            | 2   |



## Tools Required:

| Tool Description              |
|-------------------------------|
| 1 14mm Socket                 |
| 2 Ratchet Wrench              |
| 3 4mm Allen Wrench            |
| 4 8mm Allen Wrench            |
| 5 Torque Wrench               |
| 6 Dremel Tool (or equivalent) |
| 7 Safety Glasses              |




## Important:

 **WARNING**

**CAUTION**

**NOTE:**

Please read this manual and follow the instructions carefully. To emphasize special information, the symbol  and the words **WARNING**, **CAUTION**, and **NOTE** have special meanings. Pay special attention to the messages highlighted by these signal words.

**NOTE:** Indicates special information to make maintenance easier or instructions clearer.

### **WARNING**

Indicates potential hazard that could result in death or injury.

### **CAUTION**

Indicates potential hazard that could result in vehicle damage.



**Preparation  
Prior to  
Installation**

Read instructions carefully. Lay out all parts and tools in a clean area. Visually inspect parts for possible damage from shipping.

**⚠ WARNING**

Engine and exhaust system can be extremely hot. Let motorcycle cool down before beginning installation.

**Installation**

- 1 Remove right side stock engine mount bolt. (See Fig.1 for location)
  - 2 Install right-hand chassis protector with aluminum spacer into right engine mount using supplied bolt and washer. Torque bolt to 5.5 kg-m (39 lb-ft).
- NOTE:** The right-hand chassis protector is longer than the left-hand chassis protector. The right-hand aluminum spacer is shorter than the left-hand aluminum spacer.
- 3 Remove left side fairing.
  - 4 Cut out template supplied with instructions. Put duct tape on the fairing where it will be trimmed.
  - 5 Place the template on inside of fairing and tape it so it does not move. Trace the area to be trimmed onto the fairing, then remove template before trimming. (See Fig. 2)
  - 6 With a dremel tool, trim the fairing along the traced line. (See Fig.2)
  - 7 Remove the left side stock engine mount bolt. Reinstall fairing and check for proper fit of chassis protector and clearance against fairing. (See Fig.3)
  8. Install left chassis protector with aluminum spacer and supplied bolt and washer. Torque bolt to 5.5 kg-m (39 lb-ft).



Fig. 1



Fig. 2



Fig. 3

**Inspection/  
Adjustment**

Chassis protectors are non-adjustable and can only be installed one way. Periodic inspection of mounting bolts is advised once every 50 hours of riding.

**Trouble  
Shooting**

In the event of riding mishap where the protector comes in contact with the ground, it is recommended that the chassis protectors be removed and inspected for damage and fit. If in doubt, replace units. Clean with mild soap and water.

| TROUBLE           | INSPECTION                                                                        | DIAGNOSIS                                         | ACTION                                                                                               |
|-------------------|-----------------------------------------------------------------------------------|---------------------------------------------------|------------------------------------------------------------------------------------------------------|
| Uneven Appearance | Visually look and make sure both protectors appear to protrude an equal distance. | Spacers and/or left & right protectors are mixed. | Put short spacer and long protector on right side. Put long spacer and short protector on left side. |



# 2005 GSX-R1000 CHASSIS CUTOUT TEMPLATE:

**2005 GSX-R1000  
LEFT FAIRING ONLY**

