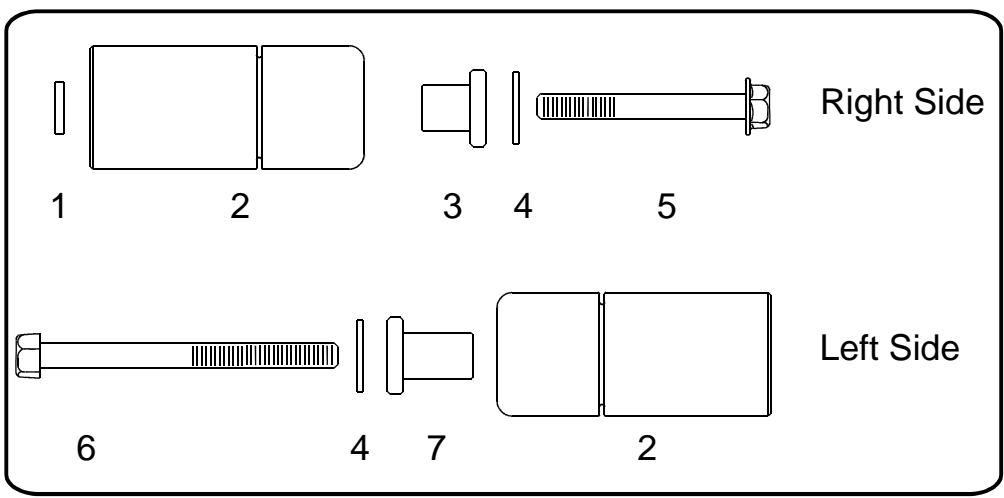


Description: **Chassis Protectors** Part Number: black: **99950-70512**  
 Applications: **2003 SV1000/S**  
 Weight: **1lbs.** Installation Time: **.3 hrs.**

Contents:	Drawing reference#	Description	Qty
	1	10mm X 20mm Washer	1
	2	Chassis Protector (Left and right side)	2
	3	Right Side Aluminum Spacer (Short)	1
	4	10mm Large Washer	2
	5	10mm x 100mm Flange Head Bolt (Right)	1
	6	10mm x 140mm Hex Head Bolt (Left)	1
	7	Left Side Aluminum Spacer (Long)	1



Tools Required:	Tool Description
1	14mm Socket
2	Ratchet Wrench
3	4" Extension
4	Torque Wrench



**Important:**

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.

**▲ WARNING**

**CAUTION**

**NOTE:**

**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**

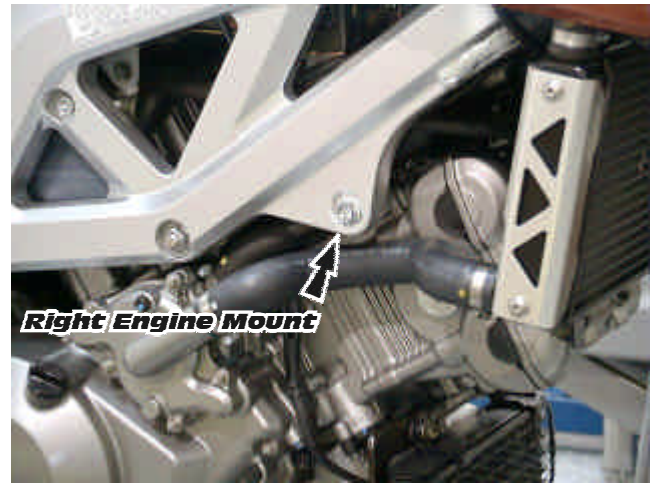
Read instructions carefully. Lay out all parts and tools in a clean area. Visually inspect parts for possible damage from shipping.

**⚠ 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 washers. (Small washer fits into indentation on frame) Torque bolt to 5.5 kg-m (39 lb-ft).  
(Note: Right-hand chassis protector aluminum spacer has short shoulder)
- 3 Remove the left-hand side stock engine mount bolt. (See Fig. 2 for location)
- 4 Install chassis protector using aluminum spacer, supplied bolt and washer. Torque bolt to 5.5 kg-m (39 lb-ft).



**Fig. 1**



**Fig. 2**

**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.

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 the units.

Clean with mild soap and water.

**Trouble  
Shooting**

Trouble	Inspection	Diagnosis	Action
Uneven Appearance	Visually look and make sure both protectors appear to protrude an equal distance.	Spacers are mixed	Put long shouldered spacer on left side. Put short shouldered spacer on right side.