



# INSTALLATION INSTRUCTIONS

Description: **Windshield Assembly**

Part Number: **990A0-70002**

Applications: **C50** Weight: **10 lbs**

Installation Time: **1 Hour**

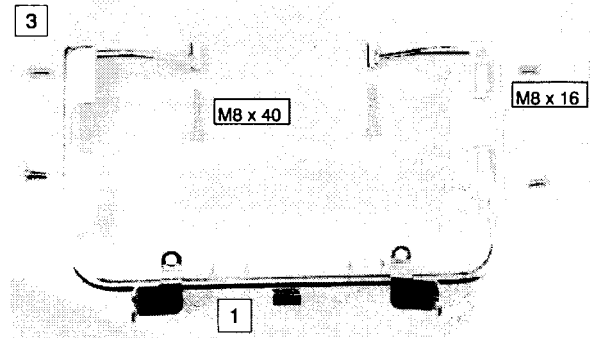
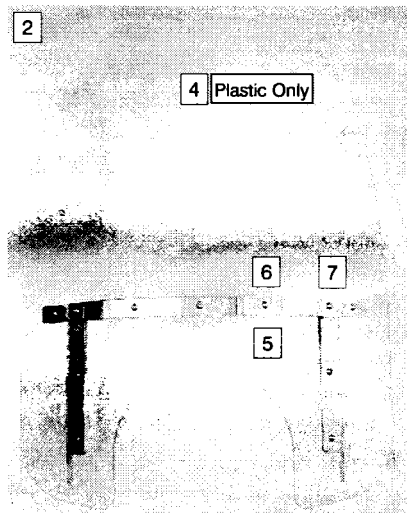
NOTE: *The C50 vehicle manual is required for reference.*

## Contents

Ref.	Part #	Description	QTY
1.		Windshield Mount	1
2.		Windshield Assembly	1

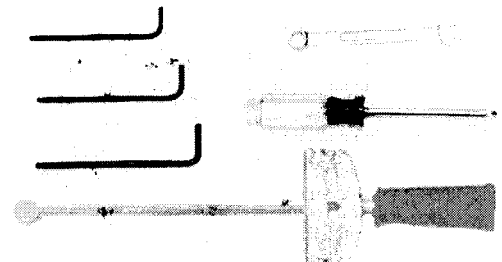
## C50 Windshield Replacement Parts List

3.	99950-72015-001	Mounting Hardware Kit, Contains Windshield Mount and 4 Screws.
4.	99950-72015-002	Windshield Plastic Only
5.	99950-72010-012	Nut, Windshield, 1 each
6.	99950-72010-013	Screw, Windshield 6 x 16, 1 each
7.	99950-72010-014	Screw, Windshield 6 x 20, 1 each



## Tools Required

Ref.	Tools Description
1.	3mm Hex Wrench or Hex Socket
2.	5mm Hex Wrench
3.	6mm Hex Wrench or Hex Socket
4.	14mm Wrench
5.	Phillips Screw Driver - #2 tip
6.	Torque Wrench
7.	Suzuki Threadlock 99000-32020



## Important

### WARNING

### CAUTION

### NOTE

Please read this manual and follow its instructions carefully. To emphasize special information, 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

### CAUTION

Cover the fuel tank and front fender with a cloth to help protect the paint from damage.

1. Place the motorcycle securely on its side stand.
2. Using a 3mm hex wrench, remove the bolt and rubber well nut from the underside of the front turn signal cover. Pull the front turn signal cover forward and off by pulling evenly on both ends. See Figure 1.

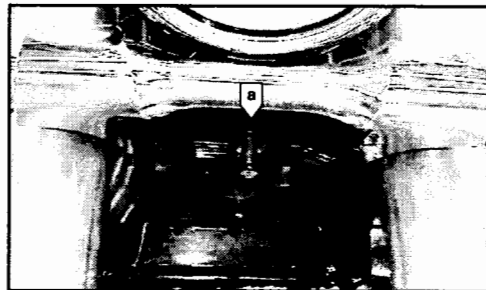


Figure 1

3. Remove the headlight rim and bulb assembly by removing the two crosshead screws on each lower side of the headlamp housing. To remove the headlight rim and bulb assembly, pull the lower edge of the rim out first, then up off the top holding tabs. Pull the black headlight plug from the bulb and set the assembly and 2 screws aside.

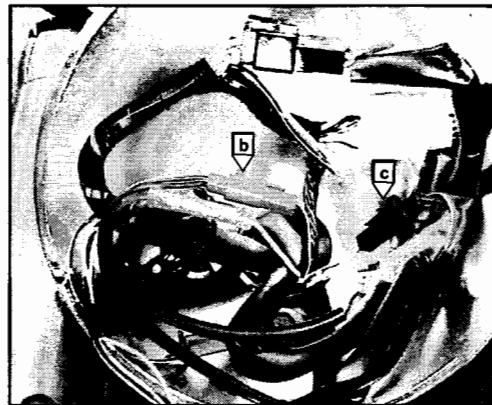


Figure 2

4. Remove the turn signals by unplugging the gray and black wire plug connectors and the brown to gray and green to gray wires. Pull the turn signal lead wires from the headlight housing and from underneath the routing clips. Using a 14mm wrench, loosen and remove the turn signal nuts and then remove the turn signals. See Figure 2.

**NOTE:** Note the wire color for re-connection

5. Using a 6mm hex wrench, remove the two 8 x 12mm turn signal bracket mounting bolts and the turn signal bracket. Keep the bolts for re-use.

## Installation

6. The windshield mounting bracket is attached to the upper and lower fork clamps with four bolts. Two 8 x 40mm bolts are supplied with the windshield for the top of the mount, use the 8 x 12mm bolts removed in Step 5 for the bottom. Apply Suzuki threadlock part # 99000-32020 to the threads of all four mount bolts. Install the windshield mounting bracket to the upper and lower fork clamps. Use a socket head 6mm hex wrench to install the two 8 x 40mm hex bolts. The two 8 x 40mm bolts go through the upper mounting bracket arm ends and into the provided holes in the bottom surface of the upper fork clamp. Do not fully tighten the bolts yet. See Figure 3.

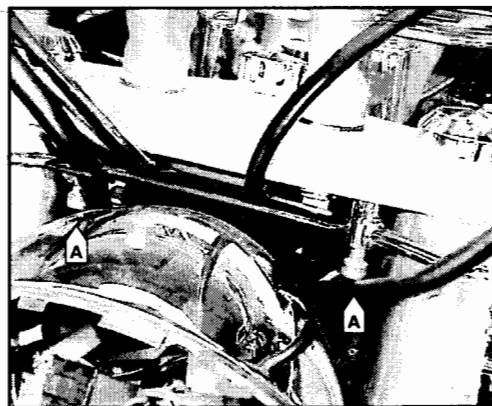


Figure 3



**7.** Install the two 8 x 12mm socket head bolts removed in Step 5 through the mount bracket and back into their original holes to secure the bottom of the mount. Tighten the upper 8 x 40mm and lower 8 x 12mm mounting bolts to 23 N-m (16 lb-ft). See Figure 4.

**8.** Remove the two front turn signal cover rubber grommets from the original turn signal mounting bracket and install them on the windshield mounting bracket.

**9.** Install the two turn signal assemblies to the mounting bracket. Turn signal with black plug is right side, gray plug is left side. Tighten the nuts to 13N-m (9.5 lb-ft). Route the turn signal wires below and behind the lower tube of the mount bracket, then up into the headlamp housing through the hole in the bottom of the headlamp housing. Connect the black and gray plugs and the brown-to-gray and green-to-gray turn signal lead wires. Use the wiring clamps inside the headlamp housing to secure all wires. Before continuing with the installation, check that the turn signals flash on the correct sides and that the front running lights are lit. See Figure 5.

**10.** Reinstall the headlight rim and bulb assembly using the two screws. Be sure the black plug is secure on the headlight bulb leads. Check for proper headlight operation.

**11.** Using a 5mm hex wrench, install the windshield to the mounting bracket with the four 8 x 16mm socket head bolts supplied in the hardware kit. The windshield may be moved up or down to match the rider's height. Use Suzuki Threadlock 99000-32020 on the bolt threads. Tighten the bolts to 13N-m (9.5 lb-ft).

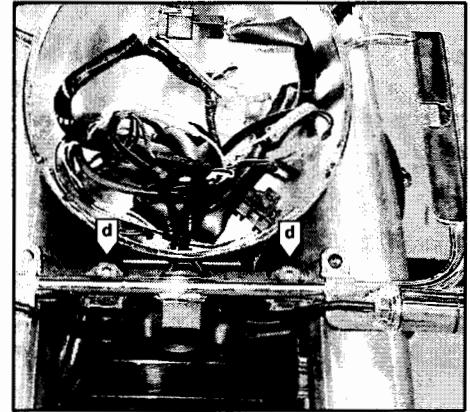


Figure 4

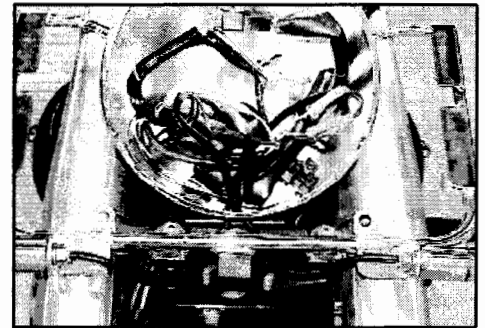


Figure 5



**12.** Turn the handlebars side to side and check that no wires or cables are pinched. Reinstall the front turn signal cover by pushing the tabs into the rubber grommets. Reinstall the rubber well nut and bolt. Tighten the bolt to 3 N-m (2 lb-ft).

**Maintenance/  
Care**

**1.** Periodically check bolts for tightness and re-torque if needed.

**CAUTION**

Do not overtighten screws holding chrome strips in place on windshield assembly. Proper tightness is achieved once screw and nut rotate as an assembly at 5 in/lbs. Rotational resistance after nut is tightened is a maximum torque of 5 in/lbs. Any deformation of the chrome windshield strips around the screw holes indicates screw and nut are overtightened. Overtightened screws may cause windshield cracking at screw holes.

**2.** To clean, rinse screen with water to remove grit and soften dirt. Use a mild non-abrasive liquid soap, plenty of warm water, and a clean flannel cloth or soft chamois. Rinse well to remove all soap residue. Pat dry, do not wipe.

**3.** Paint, glue residue: Use a cotton ball moistened with a good grade of VM-P naphtha or turpentine, follow with a wash as described above.

**! WARNING**

This accessory windshield is intended for use on Suzuki C50. Use of this windshield on another motorcycle may affect its handling and stability, resulting in unsafe riding conditions. Check your vehicle owner's manual before installing any new accessory.