

# N28201 and N28202 WINDSHIELD INSTALLATION AND OWNER'S MANUAL for Suzuki® M109

Dealers: If installing the windshield for a customer please give them this manual. It contains information needed to properly maintain and use this product.

# Attention:



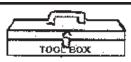
Special notes and cautionary measures which can prevent damage to the accessory or motorcycle.

# Note:



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

Parts List			
<u>INDEX</u>	<b>DESCRIPTION</b>		QTY.
Not pictured	20-202801-000	Windscreen, N28201	1
Not pictured	20-202802-000	Windscreen, Tall N28202	1
1	37-370720-000	Mount Bracket, Lower Left	1
2	37-370721-000	Mount Bracket, Lower Right	1
3	37-370722-000	Mount Bracket, Upper Left	1
4	37-370723-000	Mount Bracket, Upper Right	1
BAG#860			
5	75-764011-000	Clamp Spacer, Rubber Strip	4
6	34-346032-000	Cap, Chrome	4
7	44-447304-000	Grommet	4
8	55-565107-000	MS, Phillips 10-32 x 5/8"	4
9	51-518316-000	CS,Button M8 x 16	4
10	37-371124-000	Clamp, Black Inner	4

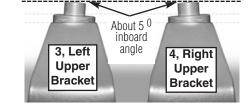


Hex Key Wrench, 6mm Phillips Screwdriver, #2



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

Determine left from right Upper bracket. Washer angles inboard about 5 degrees.



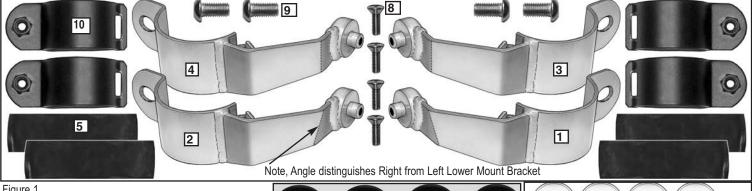


Figure 1





## **PREPARATION**

Position the motorcycle securely on its stand or a work stand. Cover the front fender and fuel tank with a cloth to avoid scratches from dropped tools.

- 1. Use the above diagram to identify left from right Lower and Upper Mount Brackets. Figure 1
- 2. Cut each of the clamp spacers in half to make 8 pieces, each 2.5 x 1.55".
- 3. Apply one spacer to the inside of each mount bracket. Figure 2



Figure 2

## **INSTALLATION**

Measurements provided for clamp location. From this point you can adjust the brackets 1" (22mm) higher if you prefer keeping in mind, position of the front nose of windshield should have a minimum of 1/2" (13mm) clearance from cowling . Figure 3.

# **Right Side Lower Mount Assembly**

- 1. Start on the Right Side of motorcycle. At the top of the fork, place one inner black clamp on the fork tube. Figure 4
- 2. Hook the RIGHT SIDE lower mount bracket (2) to the inside clamp. Figure 5
- 3. Slide assembly down fork so bottom edge of bracket is 1.75" (44mm) from top of lower triple clamp. Adjust bracket so flat in bracket runs parallel with motorcycle. Figure 6 and 7
- 4. Loosely install one M8 x 16 screw. (6mm Hex Key) Figure 7

# **Right Side Upper Mount Assembly**

- 5. Place the second inside black clamp on the right fork tube.
- 6. Hook the RIGHT SIDE upper mount bracket (4) to the inside clamp. Space between the lower and upper mounts will be 2.25" (57mm). Figure 8
- 7. Loosely install one M8 x 16 screw. (6mm Hex Key)
- 8. Adjust upper mount assembly to complement lower. Final adjustment will be done when windscreen is installed. Figure 8
- 9. Repeat for left side of motorcycle. Check left and right assemblies for symmetry. Adjust brackets if necessary.



Be sure to check full left and right fork locks for proper clearance after any adjustment is made.

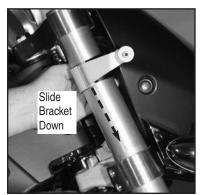


Figure 6

With fork straight, flat side of lower mount

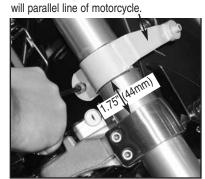


Figure 7

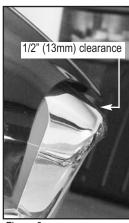


Figure 3



Figure 4



Figure 5



Figure 8

## **INSTALL WINDSCREEN**

- 1. Install a grommet into the mount hole of windscreen. Repeat for other 3 holes.
- 2. Place windscreen onto mounts. Adjust mounts to align to holes in windscreen. Check windshield for symmetry left and right. Figure 10



Take care when installing the M32 Phillips screws to avoid cross threading.

3. Using one Phillips screw and one chrome cap attach windscreen to mounts. Repeat for all four holes. Tighten screws firmly. (Phillips Screwdriver) Figure 11.



Check all clearances. Turn fork to full left and right stop. Check clearances of mount brackets to motorcycle. Make any necessary adjustments.

4. Tighten M8 x 16 screws. (6mm Hex Key)



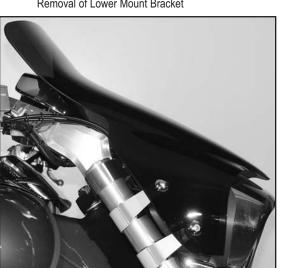
Removal of Lower Mount Bracket

## Maintenance

To clean the screen, wash with a clean soft cloth, plenty of warm water and, if necessary, a non-abrasive soap such as dishwashing liquid. Flannel or soft chamois make good cleaning cloths.

## Windshield Removal

In the design of this bracket we kept clearances tight. This achieves a clean installed look. Once installed, if you should need to remove the windshield the lower bracket must be removed with the inner clamp as an assembly.



Finished Installation, Height May Very Depending on Model and Mount Location





Figure 11

Never ride your motorcycle with loose accessory mounting hardware. Check the hardware for tightness regularly.

Today's motorcycles are built with enough frame rigidity to withstand the moderate loads imposed on them by the foreseeable addition of an accessory(ies). If 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.