

Marusho Horn Disassembly and Repair

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February 2001

This paper covers the 500cc horn, but the information may be useful in repairing other Lilac horns.

This is file **HORN.PDF**. Publication date is February 21, 2001. It is available from the Marusho/Lilac Motorcycle Register Web site (address below).

The pages are 8.25 x 11 inches and are meant to be readily printable on either US Letter or A4 paper.



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You may need to disassemble your horn if (1) it is not sounding, (2) you want to paint it or (3) you have removed the chrome bracket for plating and the two studs which held the bracket in place have fallen inside the horn body.

Tools needed: 7mm and 8mm open end wrenches, #1 phillips screwdriver, thin flat blade screwdriver.

- Remove the chrome bracket, noting the order of the two types of washers.
- Remove two phillips head screws and one hex screw (inside horn opening).
- Separate case halves.
- Note indentation opposite two insulated contacts. Insert screwdriver blade between case and works in this area and pry works up and out of case.
- Clean dust with toothbrush, compressed air, etc. Note the dirt (*Figure 1*) and after cleaning (*Figure 2*).
- Points: There is a small phillips head screw on one side of the points and a flat head with a spring on the other. If you remove both screws you can fold the points back. As you unscrew the screw with the spring the points will open. See *Figure 4*. Then take a piece of sandpaper and clean the points. Reinstall the screws.
- Check for continuity through the 2 external contacts. Polarity is apparently not specified and the case does not need to be grounded for the horn to function, though the horn should be attached firmly at the bracket to get the best sound.
- To reassemble you will need to hold the two threaded posts in place. In *Figure 5* I have used tape.



Figure 1
Before cleaning



Figure 2
After cleaning



Figure 3
Location of locking tab



Figure 5
Tape holding
mounting posts

Figure 4
Sandpaper between
points

