

# **RAIDER Instructions**

by David King

Relax, Take your time, It is a very uncomplicated procedure.

1. Remove tank dash and unclip cables.
2. Using a 8 mm hex driver, remove the speedo from dash.
3. Remove (4) screws from the backside of speedo housing. DO NOT REMOVE CENTER SCREW.
4. The two halves should now come apart. A rubber grommet will be holding the bottom of the two halves together, but it will come apart.
5. Once apart, you are now ready to remove the needles.
6. I used a large flat blade screw driver, but I have heard that a dinner fork works also. Gently, but firmly, pry up on the underside of the speed and fuel needles. It will take some effort to break them loose from there socket.
7. once the needles are removed, unscrew the existing face plate.
8. Remove needle posts (pins) from old face plate and install in new plate. I used a solid object to push the pins out.
9. install new face plate.
10. When you have the new plate installed, you are going to have to hook up the cables for power to the speedo. This is so you can get the needles back into proper position.
11. Turn on key and let the electrical cycle run its course, just as in a normal start-up.
12. After the unit has cycled, insert the speed needle into its socket. Make sure you insert it next to the pin that you installed.
13. Turn key off.
14. Insert fuel gauge needle next to the "E" pin.
15. Before buttoning back up, I test rode it past a portable speed trap and adjusted my speed needle accordingly. I am within 3 mph at 60 mph.
16. When you are satisfied with your adjustments, unhook cables from bike, put unit together, re-install in dash, re-install dash. "GO RAIDER RIDING"

<http://www.stargis.net/webslinger/RoadieInst.htm>