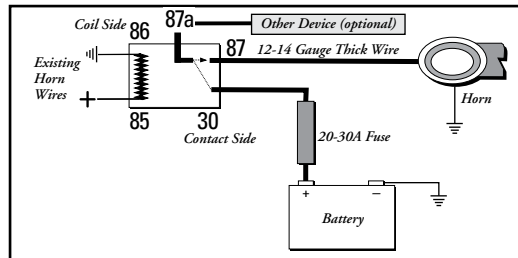
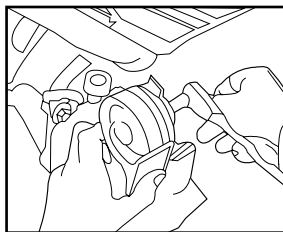
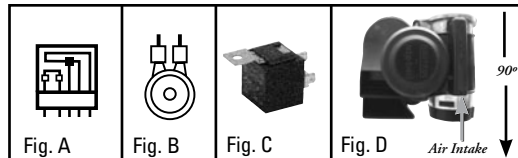




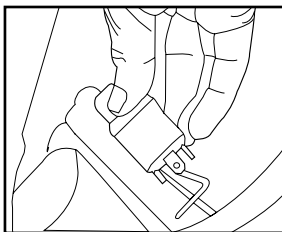
Most motorcycles come equipped with horns that are cheap and not very loud. It's as if motorcycle companies don't think that riders need horns. Installing a louder horn is easy and could save you from any number of hazardous traffic situations. How long the upgrade takes depends on the make and model of the bike, and the horn being installed. Quality (loud) aftermarket horns use quite a large amount of amperage, so they may need a relay. Grab your soldering iron, a crimper, electrical tape, some thick grade wire, and get to work, as the payoff is worth it. You will soon be letting inattentive drivers know 'you are there'.



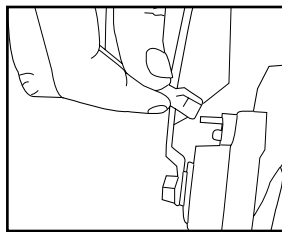
Will you need to add a relay? Yes. Larger size bikes usually already have a horn relay, so these horns may be connected directly to the wire or wires that were powering the original horn. Lightweight bikes and scooters with small disc shaped 'beep-beep' horns usually don't, so you'll need to install one. **If you are unsure if the motorcycle has a relay, check before installing.** Wiring diagrams indicate relays with a symbol that looks like Fig. A. Trace the line on the wiring diagram from the horn button and if it goes directly to the horn (which looks like Fig. B), you'll need to add a relay. Or trace the actual wires and look for a little black box with four or five leads that looks like the one in Fig. C.



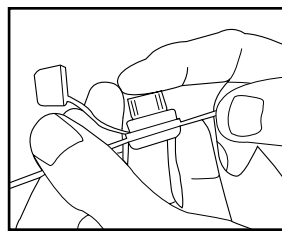
Decide where you want to mount the horn. On the frame is best, but if you mount it to the forks, make sure you can still turn your handlebars completely. The Ear Cannon **MUST** be securely mounted in the direction shown in Fig. D in order to work properly and prevent water, muck, etc., from entering unit (air intake pointing 90° straight down and toward back).



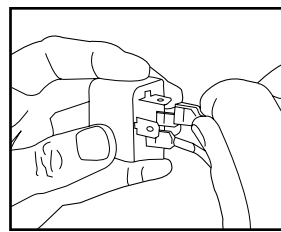
Choose where you will mount your relay. Pick somewhere that won't expose it to too much heat or moisture, but do not mount it yet. After all terminals are wired, mount the relay out of the way (double stick tape works good) and affix/arrange wires so they are not in the way.



The five terminals on the relay should be numbered. Connect #30 to the battery's positive terminal using 12-14 gauge wire (about as thick as the wire that goes into the back of the headlight bulb). Attach an in-line fuse (20A-30A) somewhere convenient on this wire between the battery and horn. See schematic at top right for reference.



Next, connect relay terminal #87 to the positive (+) terminal on the Ear Cannon with the thick gauge wire (either terminal on the Fiamm Blaster will do). Ground the negative (-) terminal on the Ear Cannon (on the Fiamm Blaster this is the other unused terminal) to the frame, etc... again using the thick gauge wire. If the Ear Cannon sounds weak, switch the +/- wires.



Connect the positive and negative wires which powered the original horn to terminals #86 (-) and #85 (+) on the relay. #87a (+) is an optional terminal for sharing another device with the relay. When the Ear Cannon is in operation, the device wired to #87a will switch off until the Ear Cannon has finished operating. If you do not wish to use this terminal, leave #87a unused.