Installation Instructions for Hadley Electric Horns

For satisfactory performance, the horn must be properly installed. Below are a few hints on installation and usage of this time-tested product.

General Hints for Hadley Electric Horns:

Horns should be mounted on a sturdy part of the vehicle, in a location that gives enough clearance around the horn. Always use the original brackets. Proper installation is important to ensure good tonal quality of the horn.

The horn must be fitted in such a way that the sound produced can be freely propagated in the direction of travel of the vehicle. For best results mount the horn in an unobstructed opening for sound to carry straight ahead. Fitting the horn in a location behind vehicle parts will cause a reduction in overall sound level.

A horn relay (12V/30A; not included) is recommended to prevent excessive voltage drop.

It is recommended that Hadley Electric Horns be used as a pair (High Tone & Low Tone) to produce a harmonious dual tone sound.

Installation of Hadley Electric Horns:

Install Hadley Electric Horns with the help of a trained electrician / mechanic. Refer to the wiring diagram below that corresponds with the Hadley Electric Horn you have purchased. See Figures 2, 3, and 4 on the reverse side.

Keep the length of wires between 'battery to relay' and 'relay to horn' as short as possible.

The horn needs to be positioned in the vehicle as high as possible to avoid any direct water splash.
For W75 and Wind Tone Trio horns: Do not mount the horn in a position that will allow water to accumulate in the trumpet. See Figure 1 below.

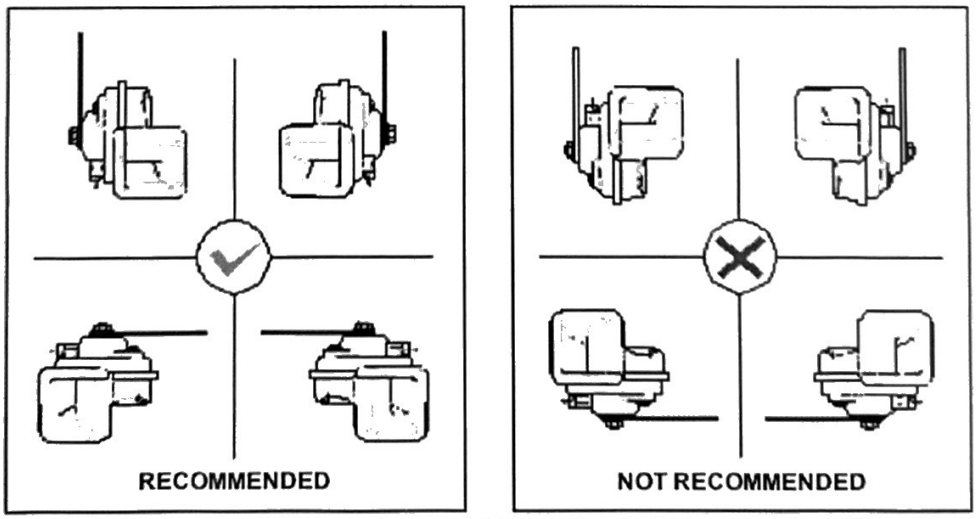

Figure 1 – Recommended mounting positions for W75 and Wind Tone Trio Horns

Operation of Hadley Electric Horns:

Electric horns are a sound signaling device and fall under the category of safety item used for safe navigation of the vehicle. Pedestrians and other two wheeler passengers are warned by horn sound, well ahead of a possible mishap.

Do not indiscriminately / continuously blow the horn, which will create noise pollution and disturbances to pedestrians. Preferably, use the horn by giving a 'short beep' to signal others. Also, blowing the horn continuously may damage the horn and reduce its life. 'Short beeps' will enhance the life of the horn.

Do not use Hadley Electric horns inside city limits and other places where 'Sound horns' are prohibited like hospital, school and residential zones etc. Check local noise abatement ordinances to avoid legal violations.

Hadley Electric Horns are powerful electric devices, which produce a warning signal that can generally be heard even under extreme conditions (Inside a truck cab with high operating noise level, for instance). However, the driver of the vehicle should take adequate precautions for its safe use and vehicle navigation.

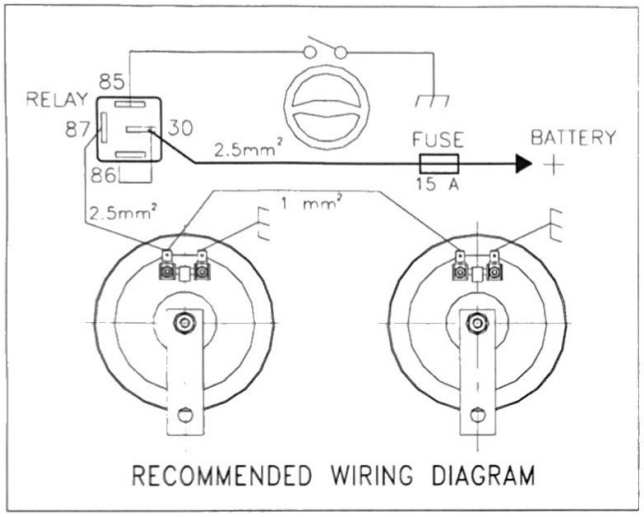

Figure 2 – R75, VibroMini, VibroSonic Horns

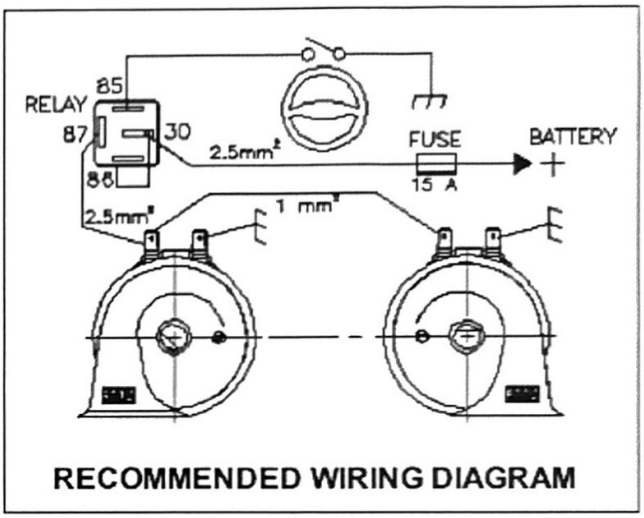

Figure 3 – W75 Horn

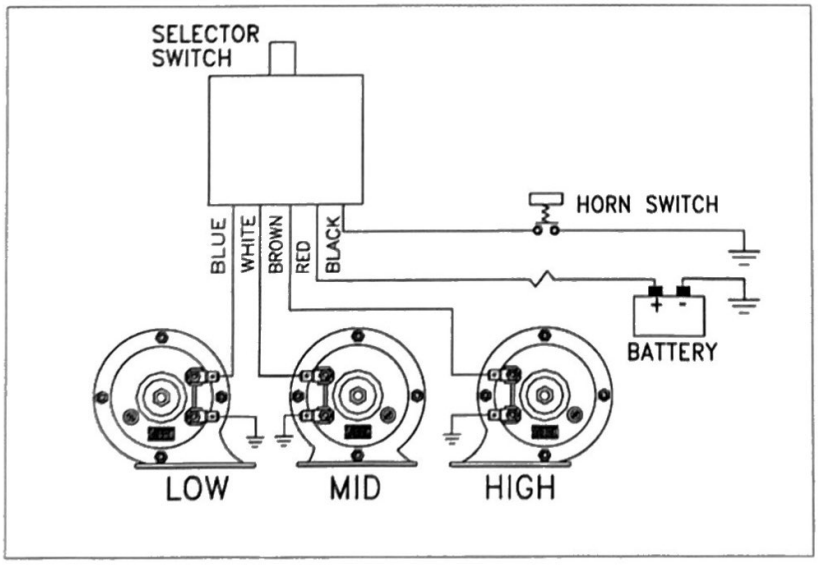

Figure 4 – Wind Tone Trio Horns

Metric	AWG
1.0mm^2	16
1.5mm^2	14
2.5mm^2	12

Figure 5 – Wire size cross reference chart