V-Twin Mfg.
Trumpet Horn Kit 12V
Fits 1957- 85 FL
VT Part No. 33-0699

This is a custom application and rider safety depends on proper installation. This product should only be installed by a knowledgeable and trained motorcycle technician. V-Twin Mfg. accepts no responsibility for improper installation.

Introduction: These instructions describe the procedure for properly installing Trumpet horns onto XL, Pan head and Shovel head models. Review instructions carefully before beginning, as they contain important information. Please retain for future reference.

Procedure:
Note: On some models it may be necessary to relocate ignition switch and choke cable.

1. Mounting bracket installation For:
   XL Models - Attach power pack mounting bracket (#23) to frame at top cylinder motor mount. Also attach forward trumpet mounting bracket (#22) to generator mounting bolt. finger tighten only.
   Panhead Models - Attach power pack mounting bracket (#19) to rear top motor mount stud. Also attach forward trumpet mounting bracket (#20) to circuit breaker control coil clamp bolt on lower case. Finger tighten only.
   Shovelhead Models - Attach power pack mounting bracket (#24) to rear top motor mount stud. Also attach forward trumpet mounting bracket (#21) to lower front cylinder stud on right side of bike. Finger tighten only.
2. Slide trumpet between cylinders and thread on power pack (#3).

Caution: Do not thread power pack on more than 2 1/2 times or diaphragm obstruction could occur. Attach rubber mount (#10) to power pack using 5/16" washers, bolt and nuts supplied (#26, 27, 28). Also attach rubber mount power pack bracket using 1/4" hardware supplied (#8, 9, 25). Finger tighten only.

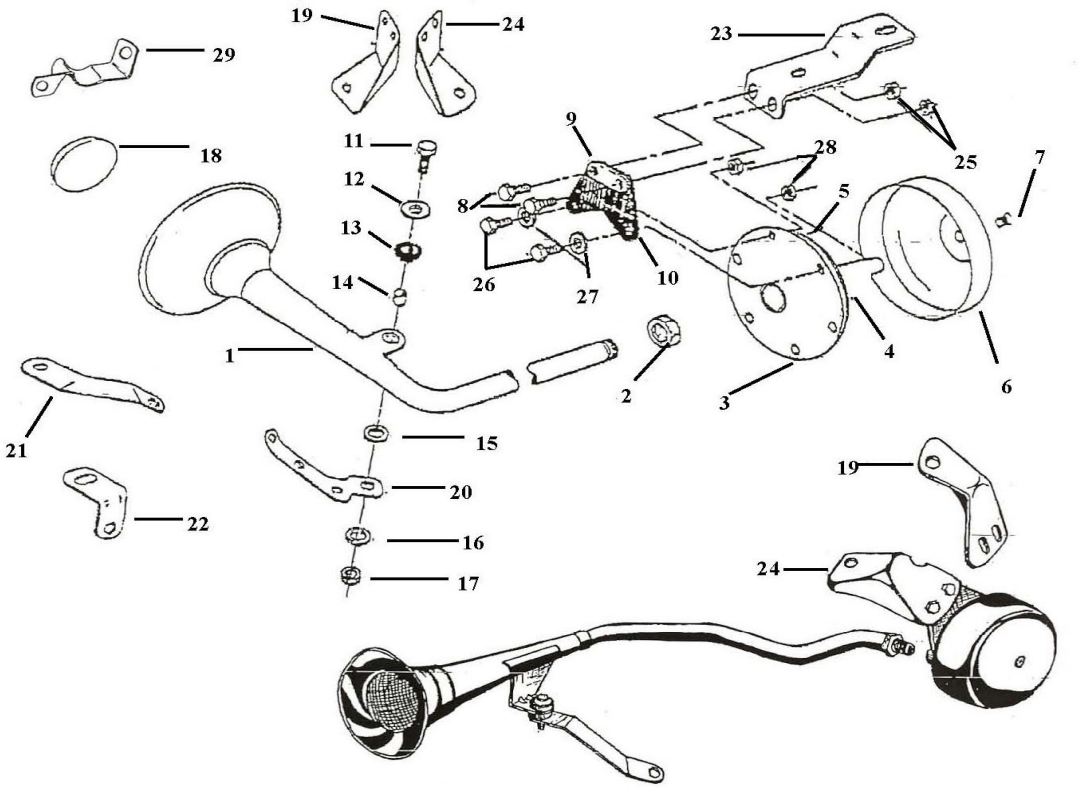
3. Attach front of trumpet to forward mounting bracket previously installed using hardware supplied (#11, 12, 13, 14, 15, 16, 17). Refer to exploded view for proper sequence.

Note: Be sure trumpet is clear of cylinders.

4. Tighten trumpet stem nut (#2) securely against power pack. Align complete horn assembly and tighten all hardware securely.
5. Neatly wire hornbutton to power pack, being careful to route wires neatly and safely to avoid wires being caught up in brakes, wheels, turning radius of fork, etc.

Note: Whenever possible, follow routing of existing wiring. Test sound of horn. If horn does not blow satisfactorily, the trouble may be caused by a restricted diaphragm, loose terminal wires, or a low battery charge.

6. Install chrome power pack cover with screw and tighten securely, being careful to align wire cut-out slot with wires routed to horn button.
7. Before riding motorcycle. check all hardware to be sure it is tight. Also. check routing of wires to be sure it is neat and clean.

Use and Care: Wash accessory with mild soap and water. Do not use high pressure sprayers. or abrasive cleaners.

Horn Tone Adjustment:
Loosen the center core jam nut with a wrench and turn the slotted center core screw 1/2" turn counterclockwise with a screwdriver. Then adjust the Phillips head tone adjusting screw until the horn blows. Turn the center core screw clockwise until the horn rattles, and then back off screw (counterclockwise) 1/4" tum. While holding core screw in this position, tighten core screw lock nut with wrench. Readjust the Phillips head tone adjusting screw for desired tone. If the horn fails to blow or does not blow satisfactorily, check for loose, frayed or damaged wiring leading to horn terminals, discharged battery, etc. If these steps do not correct the trouble, turn the contact point adjuster screw located on back of horn until horn just gives a single click, then retard screw until best tone is obtained. If horn fails to operate after moving adjusting screw it is necessary to disassemble horn for inspection and cleaning of parts.