

Multi Application Air Horns #AHMULTI Yamaha V-Star 650 Installation Instructions

1. Remove the right side cover.
2. Unplug and remove the original horn.
3. Remove the bolt holding the rectifier to the frame and move it out of the way during installation.
4. Locate the hole in the frame shown in photo #4. This hole must be drilled out to 11/32" for the compressor-mounting bolt.

COMPRESSOR MOUNTING

Before mounting the compressor it is necessary to install the hose and wires as follows, refer to photo #1

Cut one wire 30" long. Crimp a female terminal to one end.

Cut one wire 8" long. Crimp a bare fork terminal to one end and a female blade to the other.

1. Attach the short wire to compressor (-), Long wire to compressor (+)
2. Lube one end of the hose with oil or WD-40 and attach to the compressor.
3. Using the bolt, nut, washer and lock washer provided slide the 8 X 16mm bolt in to the slot in the compressor.
4. Bolt the compressor between the frame and engine with the terminals facing down.
5. Re-Install the rectifier and attach the short (-) ground wire to the rectifier mounting bolt.

HORN MOUNTING

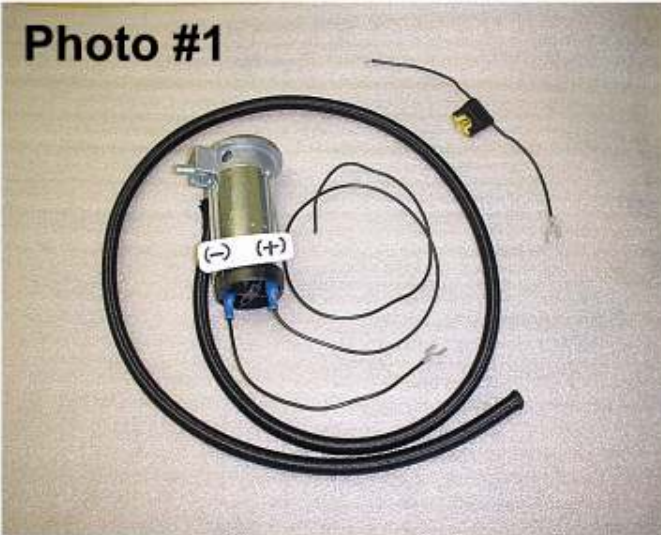
1. Assemble the hose clamp onto the frame-mounting bracket as pictured in photo #2.
2. Attach the bracket to the frame as shown in photo #3
3. Attach the horn assembly to the bracket using the 5/16" bolt nut and washers provided. Align the horns so that they are level or angled down slightly at the front and also so they are vertical when viewed from the front or rear. You may need to twist or bend the mounting bracket. Use 2 crescent wrenches to do so.
4. Tighten the hose clamp and 5/16" bolt securely.

WIRING

1. Route the hose and wire from the compressor up the left side of the frame.
2. Trim the hose to the appropriate length, lube the hose end with WD-40 or oil and attach the hose.
3. Heat seal the outer mesh covering of the hose using a lighter or match to prevent it from fraying.
4. Route the wire up to the original horn wires.
5. Attach the stock horn wires to the relay terminals #85 & #86.
6. Using a small cable tie, attach the relay to the speedometer cable as high as possible to keep it out of sight.
NOTE: Terminals must be facing downward.
7. Trim the wire from the compressor to the appropriate length, strip the end and crimp on a female blade terminal.
8. Attach this wire to terminal #87 or 30 on the relay.
9. Strip and crimp another female blade to one end of the remaining wire, attach this to terminal #30 or #87 on the relay.
10. Route this wire over the engine and back to the battery. Secure the wire with the cable ties if needed. TIP: use a stiff piece of wire or a coat hanger with a small loop bent at one end and starting at the battery push the wire up over the engine to the relay. Tape the electrical wire to the stiff wire and pull it back to the battery.
11. Using the fuse holder & fuse provided, cut the wire to the appropriate length, connect to the fuse holder with the butt connector provided.
12. Crimp the fork terminal (supplied) to the other end of the fuse holder and attach to the battery positive (+) terminal.
13. Turn on the ignition and test the horns.
14. GOOD WORK, now re-install the side cover and recheck bolts, hose clamp and wire routing.

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Photo #1



Wiring Diagram

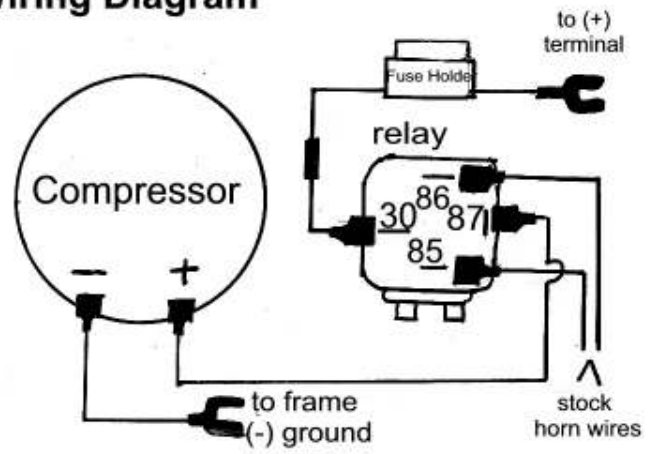


Photo #2

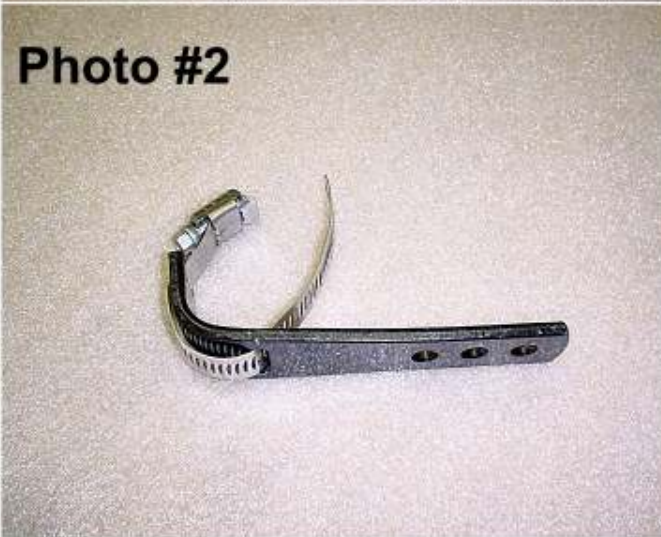


Photo #3



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