

AIR HORNS FOR HARLEY-DAVIDSON INSTALLATION INSTRUCTIONS

WIRE LOOM AND HORNS

Remove the stock horn and bracket from the stud it is mounted to and unplug the 2 wires. Remove the seat. Route the end of the wire and hose loom without the connectors. Starting in front of the fuel valve, route this loom behind the valve, over the fuel line over the rear cylinder head along the existing wiring or hoses - if your model has any. Follow the frame to where the back bone and seat support rails come together. Route the loom up into the general area where the compressor will mount (i.e. see diagram). Attach the hose to the 'Y' connector on the horns themselves. Attach the two black wires from the loom to the relay terminals #87 and #30, located between the air horns behind chrome cover. Attach the wires from the original horn to the remaining terminals #85 and #86 (NOTE: it makes no difference which wire goes to which terminal). Attach the relay to the back of the horn bracket assembly or up under the fuel tank using the small cable tie provided. NOTE: the terminals must point downward to prevent water from entering the relay! Install the horn assembly using the 1/4" thick chrome washer provided behind the horn mounting bracket. Use the original acorn nut and tighten securely. Check to see that the horns have at least 1/4" clearance between the engine, shift linkage and choke knob. They should be horizontal or angle down at the front just slightly. Take any slack out of the loom, keeping it up against the frame and away from the engine or exhaust, using several of the small cable ties provided.

COMPRESSOR MOUNTING AND WIRING

Due to the vast differences in years and models, it is not possible to have one or two brackets that will fit all models. You may need to mount the compressor in a different position or find an alternative location, such as under one of the side covers. On 2001 and newer Tour models there is room in front of the battery to mount it horizontally. On 1997-2000 fuel injected models, under the front portion of the right hand side cover is an excellent location. On most Softtail models you can attach it to the frame tube behind the rear cylinder. On some models such as Sportsters there may not be a place to conceal the compressor; there is a chrome cover and cap available to dress it up for exposed mounting. (RIVCO part no #CMPCR) If mounting the compressor vertically as pictured, try to keep the end with the electrical terminals pointing downward. You can use the long cable ties provided to attach the compressor to the frame or an existing wiring loom. Once the compressor has been mounted securely, route the hose and one of the wires to it and connect the hose to the air outlet barb or fitting. Trim the wire and crimp on one of the female blade terminals and attach to the (+) terminal. Attach the white ground wire supplied to frame close enough to the compressor, so the wire will reach. Trim and crimp another female terminal to it. Attach this wire to the (-) ground terminal. The remaining black wire from the hose/wire loom goes to the battery (+) terminal through the fuse and holder provided. Trim the black wire allowing for the length and placement of the fuse holder. Crimp together and attach to the battery (+) terminal. Turn ignition on and test horns. Check wires and hoses for neat, secure routing and at least 1" away from exhaust system. Reinstall seat etc.

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