

POLICE SERVICE BULLETIN



PM-103

MAY 11, 1990

ACTIVATING AIR HORN OPTION ON WHELEN 100 WATT SIREN AMPLIFIER, PART NO. 91150-88

Purpose

This bulletin contains a procedure that explains and illustrates how to activate the air horn option on Whelen 100 watt siren amplifiers, Part No. 91150-88. Application of 12 vdc to the number "9" terminal of the siren amplifier connector causes the siren amplifier to generate and send an "air horn" signal to the siren speaker.

NOTE

The stock horn will no longer function after the air horn connections are made.

Procedure

The following procedures cover the electrical connections required to activate the air horn on FXRP and FLHTP models.

FXRP

1. Remove fuel tank console.
2. See Figure 1. Locate the white/black (W/BK) wire with a 1-place connector and the gray (GY) air horn lead on the fuel tank.
3. Unplug the W/BK 1-place connector and connect the GY wire with 1-place pin connector to the W/BK socket connector.
4. Turn ignition switch "ON" and check that siren switch is "OFF". Press rear "HORN" end of horn button - air horn must sound.

FLHTP WITH WINDSHIELD

1. Remove instrument panel.
2. See Figure 2. Locate the 12-place connector in the left handlebar harness in the instrument panel housing.
3. Unplug the connector and remove the W/BK wire from the pin connector half of the connector with PIN TERMINAL TOOL HD-97362-71
4. Cut pin connector off W/BK wire and install a socket terminal Part No. 72038-71 on the W/BK wire.

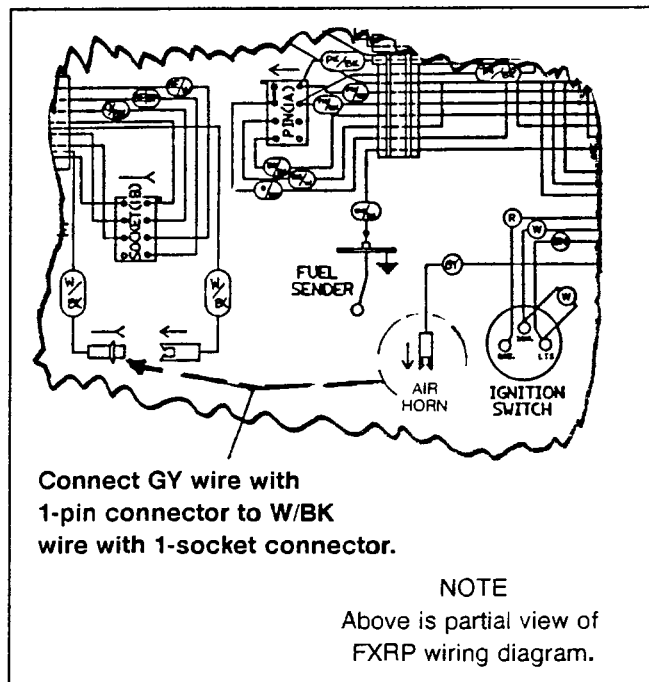


Figure 1. FXRP Air Horn Connection

5. Install a socket housing, Part No. 72044-71, on the socket terminal installed in step 4.
6. Locate the gray/black (GY/BK) air horn lead and connect it to the 1-place socket connector installed in steps 4 and 5.
7. Replace instrument panel and verify that air horn is operational by performing step 4 of the FXRP procedure.

FLHTP WITH FAIRING

1. Remove outer fairing and locate the 12-place connector in the left handlebar harness.
2. Perform step 3 through 6 of the FLHTP WITH WINDSHIELD procedure.
3. Verify that air horn is operational by performing step 4 of the FXRP procedure.
4. Install outer fairing.

| ROUTING: | SERVICE MANAGER | SALES MANAGER | PARTS MANAGER | LEAD TECHNICIAN | TECHNICIAN NO. 1 | TECHNICIAN NO. 2 | TECHNICIAN NO. 3 | TECHNICIAN NO. 4 | RETURN THIS TO: |
|-----------------|--------------------|------------------|------------------|--------------------|---------------------|---------------------|---------------------|---------------------|--------------------|
| INITIAL HERE | | | | | | | | | |

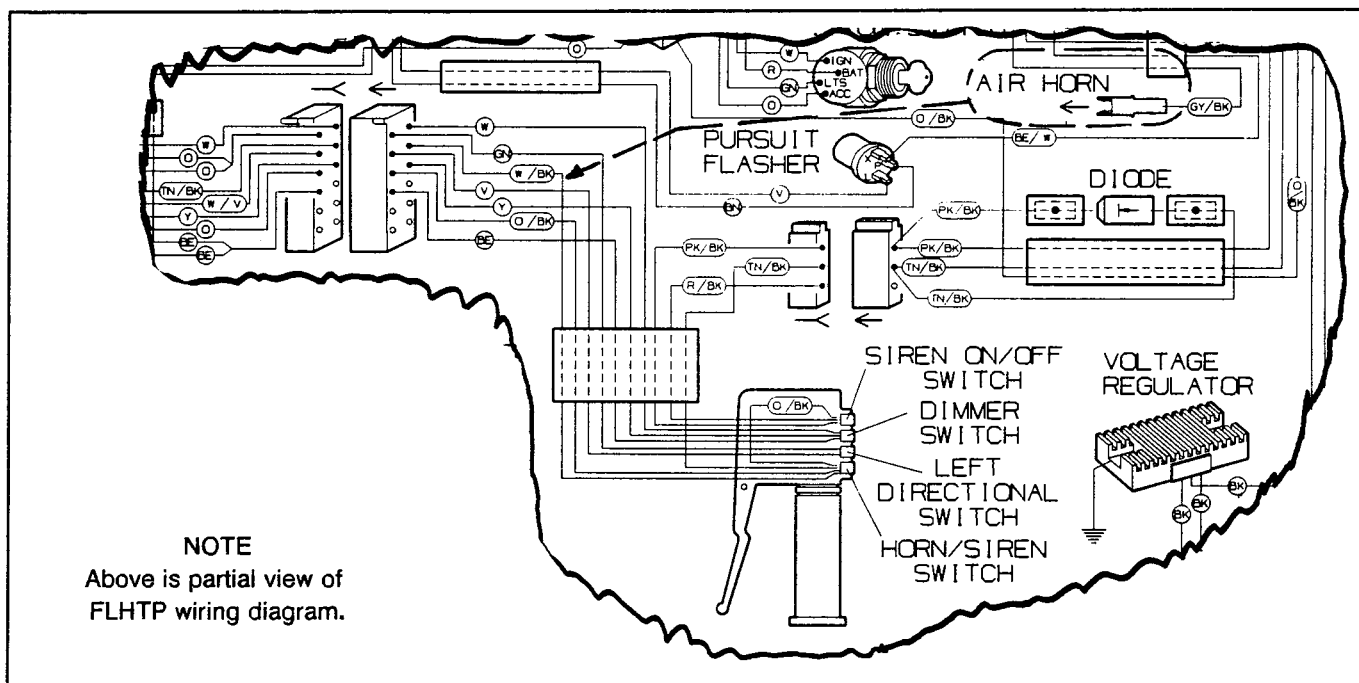


Figure 2. FLHTP Air Horn Connection