



TT408: Siren and Smart Siren Operation

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Electrical

APPLIES TO	SYMPTOMS
Any siren-equipped vehicle	<ul style="list-style-type: none">• Intermittent or Erratic Electrical Operation• Part Availability, Installation or Fitment Updates• Literature Updates or Corrections

Pager II and Smart Siren II Operation

The Harley-Davidson Pager II requires the use of the optional Smart Siren II for proper installation. You can verify the Smart Siren II visually by the small antenna wire on the siren (see image below).



Figure 1. Example of a Smart Siren II

Siren Function for Trike and Sidecar Models

Because the Trike and Sidecar models utilize a remote bank angle sensor in addition to the HFSM, the siren functions slightly different than other models.

If a siren is installed on a Trike or Sidecar equipped vehicle, the siren may sound when the ignition switch is turned ON, even if the security system is disarmed. This will only happen if the transmission is in neutral or the clutch is pulled in. This is a normal condition for all sirens except a new siren that was developed for Trike and Sidecar models (part number 69033-09).

To prevent the siren from sounding at key-on, be sure that the transmission is in gear when you turn the ignition switch to "ignition". You can then shift the transmission to neutral for start up and the siren will remain silent. Siren part number 69033-09 is the only siren that will not sound in the above scenerio.

To Enable or Disable the Chirp Mode

NOTE

The chirp **CANNOT** be changed on siren part number 68958-00 if it does not have the Harley Davidson Bar & Shield on the front. If the siren only has the part number 68958 and no Bar & Shield, the chirp mode cannot be changed. See the image below.

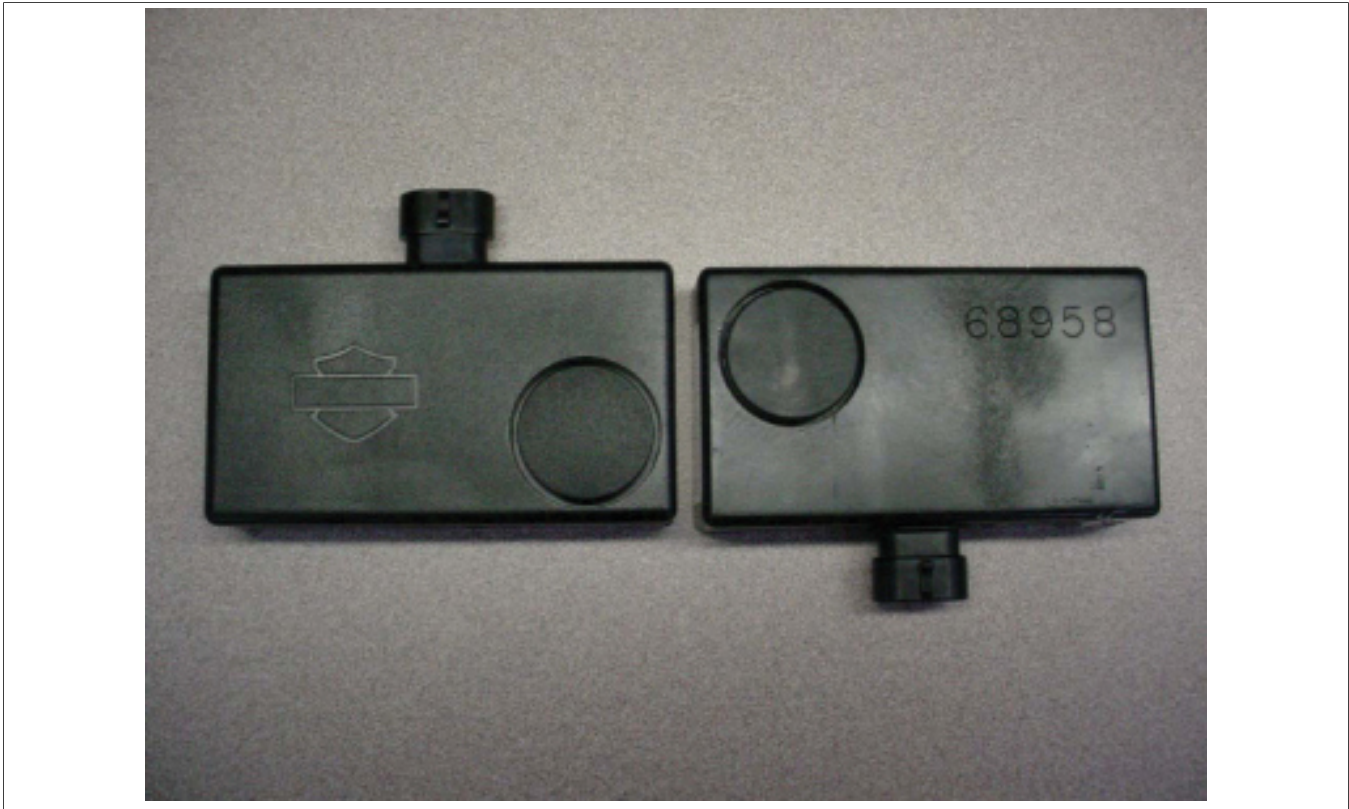


Figure 2. Siren Kits 68958-00

The default setting may leave the chirp disabled (silent) and the chip mode would then need to be activated at PDI or the customer's request. Always try to enable the siren chirp mode before continuing with diagnostic on the system. See the instructions below for changing the chirp mode:

1. The engine RUN/OFF switch must be left in the RUN position (ON) during this entire process with the fobs present.
2. Turn the ignition key switch to IGNITION and leave on until the security lamp goes out. Once the lamp goes out, turn the switch OFF. As soon as the security lamp goes out turn the ignition key switch to IGNITION and repeat the above process two more times, (key ON, key OFF, key ON, key OFF), each time waiting for the light to go out.

After this cycle has been performed a total of three times, the Chirp feature will change to enabled or disabled, depending on the current status.

In the chirpless mode, the siren does not chirp upon arming or disarming. The siren will still chirp warnings on movement and will activate through all alarm cycles.