



INSTRUCTIONS

J03842

REV. 06-21-2005

Kit Number 68328-06

SECURITY SYSTEM SIREN KIT FOR VRSC, 2002 AND LATER FL TOURING, 2003 AND LATER SOFTAIL, AND 2004 AND LATER DYNIA MODELS

General

This Security System Siren Kit is designed for installation on the following models, when equipped with a security system:

- All VRSC models,
- 2002 and later FL Touring models,
- 2003 and later Softail® models,
- 2004 and later Dyna models.

See the Service Parts illustration for kit contents.

NOTE

A Service Manual for your model motorcycle is available from any Harley-Davidson dealer.

NOTE

The siren may not function properly when first installed. NiMH (Nickel Metal Hydride) rechargeable batteries discharge fairly rapidly when stored. They will lose as much as 1% - 2% of charge per day, and after a few months of storage at room temperature will be mostly discharged. If stored for a very long period without charging, they may need a few charging cycles to regain their full capacity. To charge the NiMH battery, operate your motorcycle for a minimum of 4 hours.

Installation: All VRSC Models

WARNING

To prevent accidental vehicle start-up, which could cause death or serious injury, remove maxi-fuse before proceeding. (00251a)

1. Refer to the Owner's Manual and follow the instructions given to disarm the security system, remove the maxi-fuse and open the seat.
2. See Figure 1. Use a 10mm socket wrench to remove the splash guard (mud flap) nuts.
3. See Figure 2. Lower the mud flap from the installed position, and allow it to rest on the rear tire.

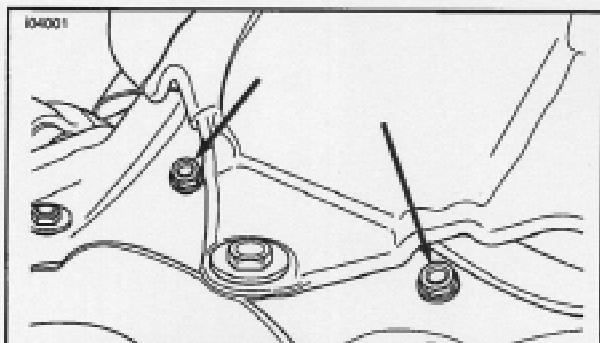


Figure 1. Remove Mud Flap Nuts (VRSC Models)

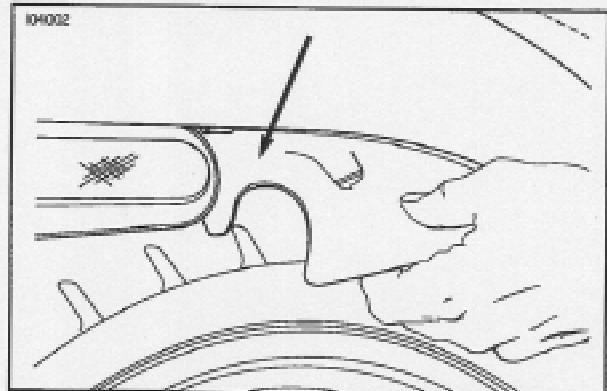


Figure 2. Lower the Mud Flap (VRSC Models)

WARNING

When servicing the fuel system, do not smoke or allow open flame or sparks in the vicinity. Gasoline is extremely flammable and highly explosive, which could result in death or serious injury. (00330a)

4. Remove the fuel cap and the fuel filler boot. Re-install the fuel cap.
5. See Figure 3. Locate the security siren connector (2), at the end of the harness that wraps around the top of the fuel tank. This is a 3-wire connector, not to be confused with the 2-wire connector (3) tied to the harness (except California models). Disconnect the fuel pump and sender connector (1) to free the security siren connector. The protective cap and wire tie on the security siren connector can be discarded.

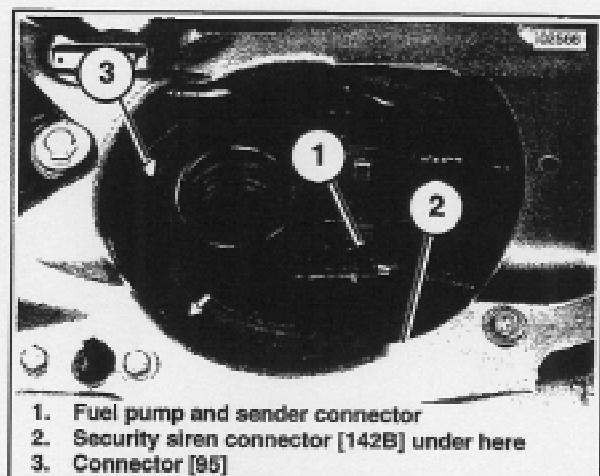


Figure 3. Locate Connector [142B] (VRSC Models)
(Fuel Cap and Filler Boot Removed)

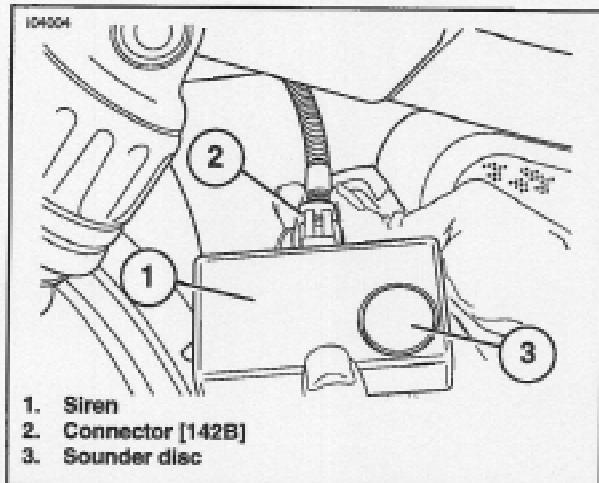


Figure 4. Install Siren Connector (VRSC Models)

6. See Figure 4. Route the wiring harness out from under the right side of the fender. Obtain the siren (1) from the kit, and insert connector [142B] (2) into the siren receptacle until the connector latches securely.
7. See Figure 5. Obtain the loop fastener (2) from the kit, and cut off a piece about 1-1/2 in (38 mm) square. Peel off the paper backing and attach to the face of the siren (3) opposite the sounder disc, avoiding the battery door. Secure the siren to the hook fastener (1) already attached to the right side of the mud flap.
8. Re-install the mud flap to the underside of the fender. Install and tighten the mud flap nuts to 8-12 Nm (70.8-106.2 In-lbs). Re-install the fuel filter boot.
9. Refer to the Owner's Manual and follow the instructions given to close the seat.

CAUTION

When closing the seat, make sure the ignition switch is in the FUEL position. If the ignition switch is in any other position when the seat is closed, the seat latch mechanism could be damaged. (00196a)

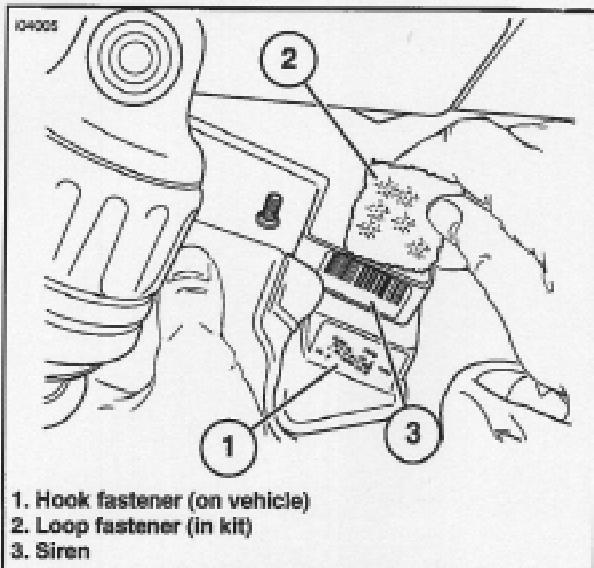


Figure 5. Secure Siren Box (VRSC Models)

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WARNING

After locking the seat, pull upward on the latch side of the seat to be sure it is in locked position. If the seat is loose, it could shift position during vehicle operation, resulting in loss of control of the vehicle and death or serious injury.

10. Install the maxi-fuse per the instructions in the Owner's Manual.

Installation: 2002 & Later FL Touring Models

1. For 2002-2003 models:

WARNING

To prevent accidental vehicle start-up, which could cause death or serious injury, disconnect negative (-) battery cable before proceeding. (00048a)

- Refer to the Owner's Manual and follow the instructions given to disarm the security system, remove the seat and disconnect the negative battery cable. Retain all seat mounting hardware.

For 2004 and later models:

WARNING

To prevent accidental vehicle start-up, which could cause death or serious injury, remove maxi-fuse before proceeding. (00251a)

Refer to the Owner's Manual and follow the instructions given to disarm the security system and remove the maxi-fuse.

2. All FL models: Remove the right side saddlebag per the instructions in the Owner's Manual. Gently pull the side cover from the frame downtubes.
3. See Figure 6. Remove the two flange nuts (2) from the electrical bracket (1). Pull the bracket assembly, with the electronic control module (ECM) and connector attached, away from the side of the battery box.

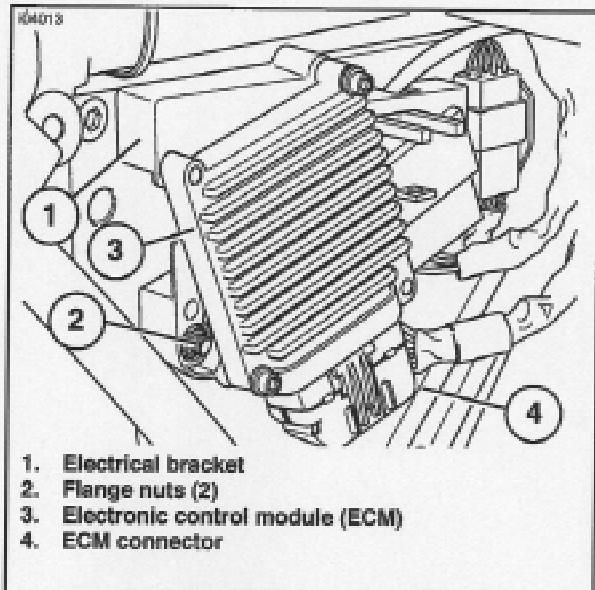


Figure 6. Electrical Bracket (Touring Models)

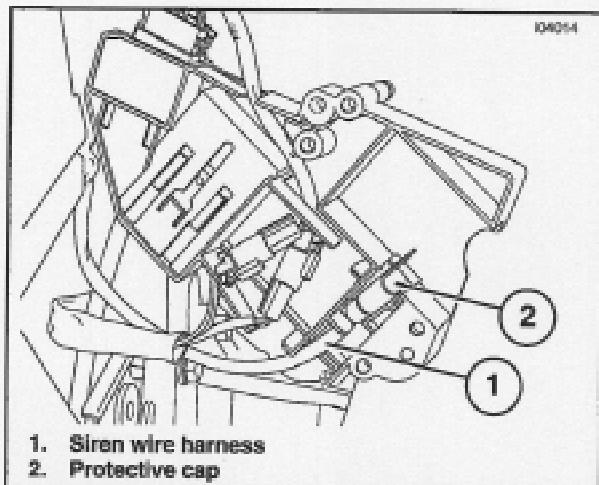


Figure 7. Siren Wire Harness (Touring Models)

4. Refer to Figure 7. Remove the siren harness lead from the back of the electrical bracket, and take the protective cap off of the security siren connector [142B].
5. See Figure 8. Obtain the siren box from the kit, and insert connector [142B] into the siren box receptacle until the connector latches securely.

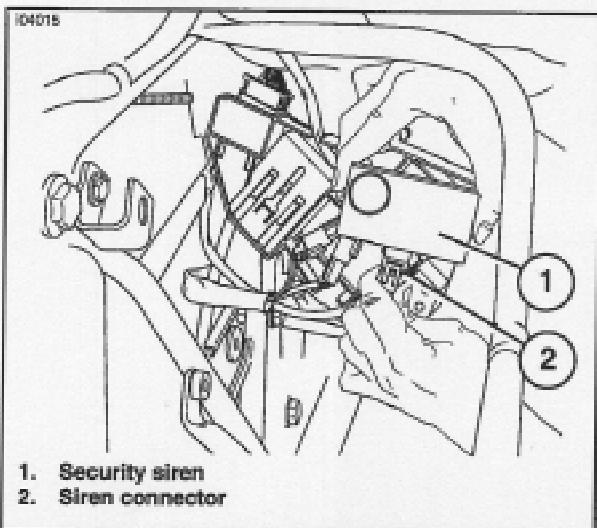


Figure 8. Insert Siren Connector (Touring Models)

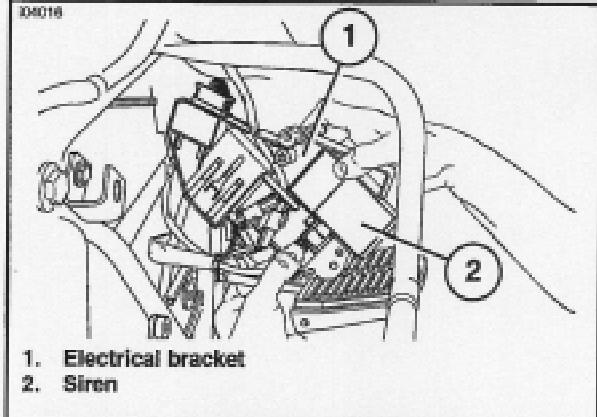


Figure 9. Slide Siren into Place (Touring Models)

6. See Figure 9. Slide the siren (2) into place on the back of the electrical bracket (1) so the sounder disc faces outward.

NOTE

Be sure that the cables and conduit are properly routed so they are not pinched during assembly.

7. See Figure 10. Install the electrical bracket assembly with the siren back onto the studs on the side of the battery box. Install the two flange nuts onto the studs, and tighten to 36-48 in-lbs (4.1-5.4 Nm).

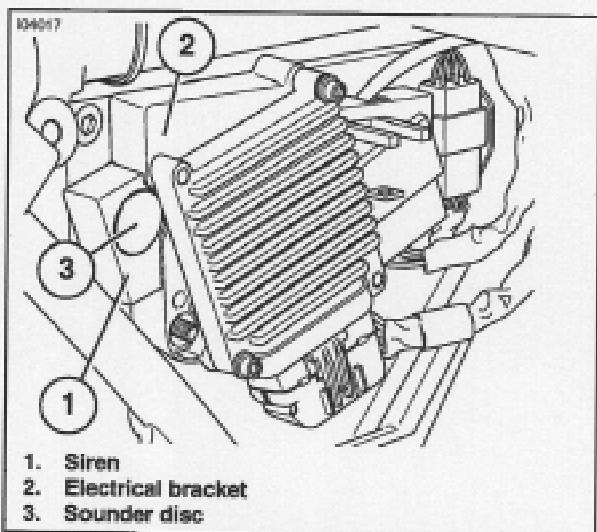


Figure 10. Siren and Electrical Bracket Installed (Touring Models)

8. Align the barbed stud on the side cover with the grommets in the frame, and push firmly into place.
9. Install the right-side saddlebag per the instructions in the Owner's Manual.
10. For 2004 and later models: Refer to the Owner's Manual and follow the instructions given to re-install the maxi-fuse.

2002-2003 Models: Refer to the Owner's Manual and follow the instructions given to re-attach the negative battery cable and install the seat.

WARNING

After installing seat, pull upward on front of seat to be sure it is in locked position. While riding, a loose seat can shift causing loss of control, which could result in death or serious injury. (00070a)

Installation: 2003 and Later Softail Models

WARNING

To prevent accidental vehicle start-up, which could cause death or serious injury, disconnect negative (-) battery cable before proceeding. (00048a)

1. Refer to the Owner's Manual and follow the instructions given to disarm the security system, remove the seat and disconnect the negative battery cable. Retain all seat mounting hardware.
2. Remove the right side saddlebag (on models so equipped) per the instructions in the Owner's Manual.

NOTE

The security siren connector is installed on an electrical panel under the rear fender on all Softail models. The rear of the motorcycle may have to be raised slightly to allow removal of the splash guard.

3. Remove the two bolts at the bottom of the splash guard. Bend the upper right corner of the splash guard toward the rear tire and lift upward to unhook the splash guard from the tab on the rear fork. Remove the guard from beneath the fender.
4. See Figure 11. Remove the security siren connector [142B] (2) from the receptacle in the siren mounting area (1) of the electrical panel.

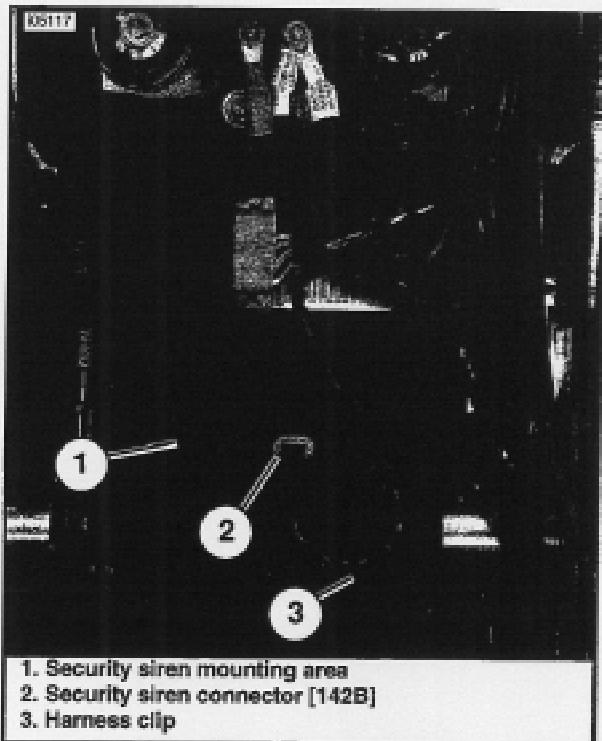


Figure 11. Security Siren Connector (Softail Models)
(Rear Fender View with Rear Wheel Removed)

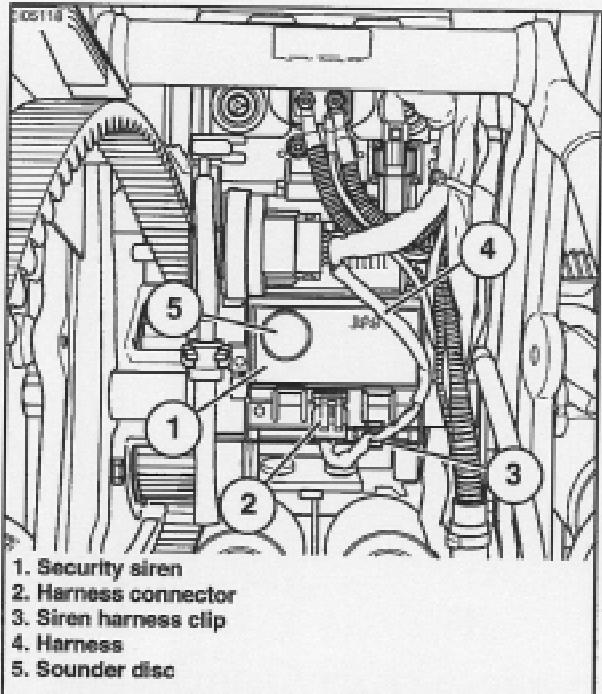


Figure 12. Security Siren Mounting (Softail Models)

5. Obtain the siren box from the kit, and insert connector [142B] into the siren box receptacle until the connector latches securely.
6. See Figure 12. Orient the siren (1) as shown, with the harness connector (2) toward the bottom and the sounder disc (5) facing outward. Carefully snap the siren into the electrical panel.
7. Insert the harness (4) into the harness clip (3) to keep the harness clear of other components.
8. If necessary, obtain a cable strap (not provided) and secure the connector wiring to the the electrical panel wiring.
9. Hook the slot at the top of the splash guard over the tab on the rear fork, and install the guard with the two screws removed earlier. Tighten securely.
10. Install the right-side saddlebag (if so equipped) per the instructions in the Owner's Manual.
11. Refer to the Owner's Manual and follow the instructions given to re-attach the negative battery cable and install the seat.

WARNING

After installing seat, pull upward on front of seat to be sure it is in locked position. While riding, a loose seat can shift causing loss of control, which could result in death or serious injury. (00070a)

Installation: 2004 and Later Dyna Models

1. Refer to the Owner's Manual and follow the instructions given to disarm the security system and remove the seat.
2. See Figure 13. Firmly grasp both sides of the electrical caddy cover (1), and pull outward to remove.

WARNING

To prevent accidental vehicle start-up, which could cause death or serious injury, remove maxi-fuse before proceeding. (00251a)

3. Refer to the Owner's Manual and follow the instructions given to remove the maxi-fuse.
4. Remove the front electrical caddy screw and washer (2). Remove the two top electrical caddy screws and washers (7).

NOTE

When pulling the electrical caddy away from the motorcycle, make sure that the wiring connections are not disturbed. Pull the caddy away just far enough to allow installing the siren.

5. Obtain the siren (5) from the kit. Tip the top of the electrical caddy (3) away from the vehicle slightly. Turn the siren so the sounder (6) disc faces upward and the wire receptacle is facing the motorcycle as shown.
6. Remove the siren harness lead (taped to the vehicle frame behind the electrical caddy), and take the black dust cap off of the security siren connector [142B].
7. Insert connector [142B] into the siren receptacle until the connector latches securely. Insert the siren into the back of the caddy, beneath the ignition control module (4).
8. Install but do not tighten the front electrical caddy screw and washer (2). Install the top electrical caddy screws and washers (7). Tighten the top screws to 100 in-lbs (11.3 Nm). Tighten the front screw to 50 in-lbs (5.6 Nm).
9. Feed the siren antenna wire under the rearmost frame crossmember and up between the crossmember and the rear fender.
10. Clean the top surface of the crossmember with a mixture of 50 to 70% isopropyl alcohol and 30 to 50% water. Allow to dry thoroughly.
11. Obtain the 8 inch (203 mm) long hook-and-loop fastener (4) from the kit, and separate the two halves. Peel the paper backing from the adhesive half of the fastener, and attach it to the top of the frame crossmember.
12. Lay the siren antenna wire down the center of the installed fastener half, and straighten the antenna along the length of the fastener.

NOTE

In order for the antenna to work properly, none of the small diameter portion should touch the metal parts of the vehicle.

13. Install the remaining half of the fastener onto the first half, capturing the antenna wire to hold it firmly in place.
14. Refer to the Owner's Manual and follow the instructions given to re-install the seat.

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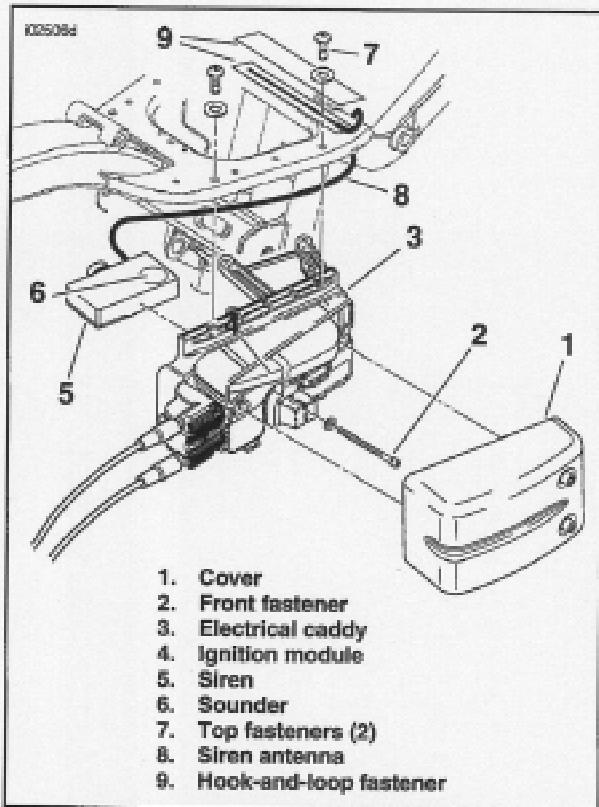


Figure 13. Install Siren in Electrical Caddy (Dyna Models)

WARNING

After installing seat, pull upward on front of seat to be sure it is in locked position. While riding, a loose seat can shift causing loss of control, which could result in death or serious injury. (00070a)

15. Install the maxi-fuse, and the electrical caddy cover.

Battery Replacement

The siren's internal 9 volt battery is rechargeable and does not need to be replaced on a regular basis. Battery life under normal conditions is approximately three to six years.

NOTE

The internal siren battery may not charge if the vehicle's charging system is producing less than 12.5 volts.

NOTE

Only a nickel metal hydride (NiMH) nine-volt battery should be used in the siren.

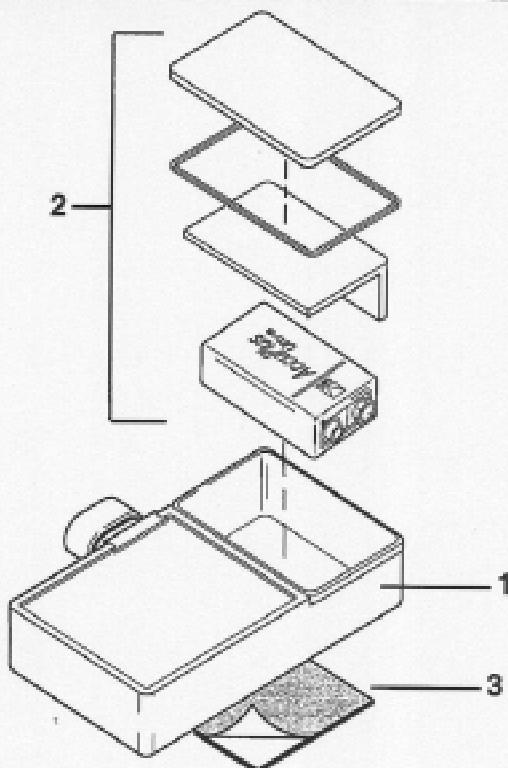
When battery replacement is needed, use Security System Siren Battery Replacement Kit (H-D Part Number 69018-00). In addition to the 9-volt NiMH battery, this kit contains a replacement battery cover, seal, foam pad and instructions needed to ensure continued proper operation of the siren.



Service Parts

Part Number 68328-06 | Date 06/05
Security System Siren Kit

106119a



| Item | Description | Part Number |
|------|-------------------------|-------------|
| 1 | Siren security system | 68958-00 |
| 2 | Battery Replacement Kit | 69018-00 |
| 3 | Loop fastener | 59274-01 |

FCC Compliance and Advisory Statement

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: 1) this device may not cause harmful interference, and 2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try correct the interference by one or more of the following measures:

1. Reorient the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into and outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.