

2007 Harley-Davidson Smart Security System Dealer Quick Start Guide

The new Harley-Davidson Smart Security System (H-DSSS) provides a transparent security blanket for the customer's motorcycle. The design allows for self-arming and self-disarming automatically and provides a transparent security environment.

Operation

The system arms itself within 5 seconds after the ignition is turned off and no vehicle movement is detected. The Hands Free Fob does not need to be present to self-arm.

The alarm is activated if the system detects motion or if the ignition is turned on and the fob is not present. The system can not detect whether the fob is in range at any other time. Because the system is not communicating with the fob all the time, current draw is lower (.7ma), and battery life is extended.

When the fob is present the system will disarm after motion is detected or the ignition is turned on. The Personal Identification Number (PIN) may also be used to disarm the system.

The Smart security system will change the way the dealership interfaces with the vehicle.

The H-DSSS Impacts:

- Set-Up and Pre-Delivery process
- Service writers
- Transportation of motorcycle
- Servicing of motorcycle
- Customer expectations

Set-Up and Pre-Delivery Process

During Set-Up, the technician will need to use Digital Technician to assign the Hands Free Fobs. The new bar code reader should be used to enter the 24 character number from the bar code on the fob. Once assigned, the fobs should be tested immediately using Digital Technician. The fobs have to be assigned **and** the PIN must be assigned to enable the system. It doesn't matter what order this is done in. Since the system is self-arming, it is absolutely important that the customer has the PIN and knows what to do (keep card) in the event that the fob is lost or misplaced.

Tech Tip: Save the sheet that is attached to the carton when vehicle is uncrated and scan in the bar code to fill in the VIN when starting the process with Digital Technician.

Service Writer – 2 choices

- Fob stays with vehicle
- System gets put into service mode

When vehicle comes in for service, make sure the keys and fob stay with the vehicle. For vehicles that do not require the key to turn on the ignition, tie-wrap the fob to the mirror to keep it with the vehicle. Another option is to use Digital Technician to put the system in service mode. Once the system is put in service mode, the security system will be disabled until the fob comes back into range and the ignition is cycled off\on\off.

Transportation of motorcycle (shipping)

If the vehicle is moved with the fob in range, the system will arm and disarm continuously. If this is done for an extended period (shipping the vehicle) the battery may become discharged. To move the motorcycle, without the system constantly arming/disarming, place the vehicle in transport mode. This is done by placing the run/stop switch to stop, placing the ignition switch in accessory mode, pressing both turn signal switches at the same time, and placing the ignition switch to off. The turn signals will flash to provide a confirmation. Now the system has motion detection disabled for one key cycle. The vehicle can be moved without the alarm being activated. The alarm may still be activated if the ignition is turned on and the fob is not present. This is useful for trailering or shipping the vehicle. The customer may also use transportation mode for loading or washing the vehicle.

Servicing the motorcycle

The system should be disarmed when servicing the vehicle requires disconnecting the battery, siren, or HFSM. To disconnect power, turn the ignition on with fob in range (or use PIN) to disarm security. The Maxi-fuse can now be removed while the key is on, or within five seconds after the key is turned off. Failure to disarm and remove maxi-fuse before disconnecting the Smart siren will cause the siren to cycle (VERY LOUD and undesirable). Placing the system in service mode will also allow the system to be serviced and disconnected.

2007 Harley-Davidson Smart Security System Customer Quick Start Guide

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Operation

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Servicing the motorcycle

The system should be disarmed when servicing the vehicle requires disconnecting the battery or system components. To disconnect power, turn the ignition on with fob in range (or use PIN) to disarm security. The Maxi-fuse can now be removed while the key is on, or within five seconds after the key is turned off. Failure to disarm and remove maxi-fuse before disconnecting the Smart siren will cause the siren to cycle (VERY LOUD and undesirable).

Siren Chirp Enable Feature

To enable or disable the arming/disarming chirp on the smart siren, Turn the ignition key on/off 3 times. Turn on and leave on until the security lamp goes out. Once the lamp goes out, turn the key off. The security lamp will come on again. Once the lamp goes out, turn the ignition switch on.

After this cycle has occurred 3 times, the Chirp feature will change to enabled or disabled, depending on the current status.

Parking and Refueling

It is important that the rider and passenger be aware of the self-arming feature. Moving the vehicle, accessing the saddlebags or Tourpak, turning on the radio may activate the alarm if the fob is not present. If the rider leaves the fob in the house and tries to move the vehicle in the garage, the system will provide a warning before activating the alarm. The passenger may need to have a fob to access the vehicle if the rider is in the gas station, and the passenger needs to move the vehicle in any way. Also, leaving your jacket in the saddlebag with the fob in the pocket will leave the vehicle un-secured (high risk). Keep your PIN handy at all times in the event you would lose your fob.