

## INSTALLATION INSTRUCTIONS FOR 100C/100E SPEAKER BRACKET (ETSS100BKCV) (2005+ FORD CROWN VICTORIA)

### SAFETY MESSAGE TO OPERATORS AND INSTALLERS OF SOUNDOFF SIGNAL SIREN/SPEAKER SYSTEMS.

#### Signaling Limitations:

Sirens/speakers provide an essential function of an effective audio-visual warning system. However, sirens are only short range secondary devices. The use of a siren/speaker system does not insure that all drivers can or will abide by or react to an emergency warning signal, especially at high rates of speeds or long distances. The operator of the vehicle must never take the right of way for granted and it is the operator's responsibility to proceed safely.

The effectiveness of the siren/speaker system is highly dependant on the correct mounting and wiring. The installer must read and follow manufacturer's installation instructions and warnings in the manual. The vehicle operator should verify the siren/speaker system is securely fastened to the vehicle and properly functioning.

Maximum sound output will be severely reduced if any objects are in front of the speaker. If your installation has obstructions in front of the speaker, drive even more cautiously.

#### Sound Hazards:

Effective siren/speaker systems generate loud sound pressure levels (120db) that can potentially cause permanent hearing damage. Installers and those around the vehicle need to be aware of the dangers and wear hearing protection whenever the siren system is operating.

Vehicle operators and occupants should asses their exposure to siren noise and determine what steps need to be taken to prevent hearing damage. For hearing conservations guidance, refer to federal, state, or local recommendations. OSHA Standard 1910.95 offers guidance on "Permissible Noise Exposure".

#### Qualifications:

To properly install a siren, you must have a good understanding of automotive systems, electronics and procedures.

The siren/speaker system is intended for use by authorized personnel only. The user's responsibility to ensure they understand and operate the emergency warning devices in compliance with all applicable city, state, and federal laws and regulations and have a thorough knowledge of state and federal UNIFORM TRAFFIC CODES.

SoundOff Signal assumes no liability for any loss resulting in the use of this warning device.

#### During Installation:

Do not get metal shavings inside of speaker. Metal shavings can cause speaker to fail. If metal removing must be done near the speaker, place a cover over the unit to prevent metal shavings from getting inside of speaker.

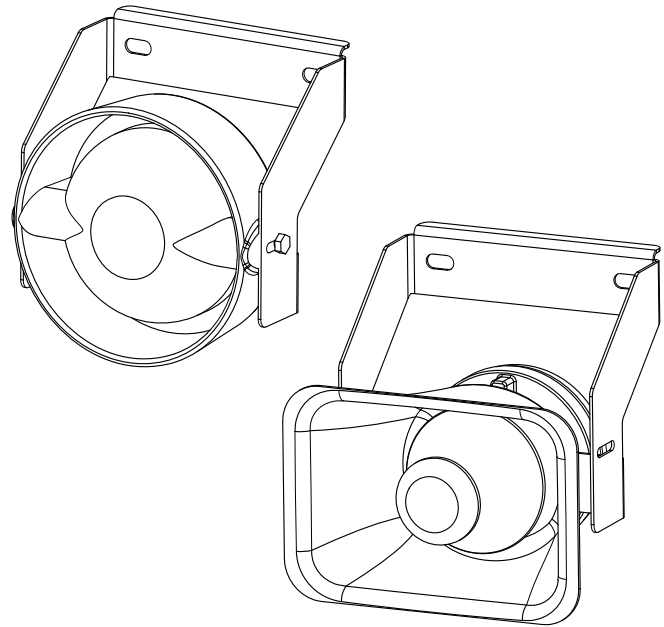
Do not route speaker wires where they may interfere with the operations or deployment of the air bag or it's sensors. Equipment mounted near the air bag deployment area will damage or reduce the effectiveness of the air bag. The user/installer assumes full responsibility to determine proper mounting location, based on providing safety for passengers inside the vehicle.

#### After Installation:

Test the siren and light system to ensure that everything is operating properly.

Test all vehicle functions to ensure that installation has not affected vehicle operation or changed vehicle safety function.

Store these instructions in a safe place and refer to them when performing maintenance and/or reinstallation of product.



#### Crown Victoria Installation Kit Includes:

1 - Crown Victoria 100C/100E  
Speaker Bracket

#### Tools Needed For Installation:

Socket driver set  
Flat head screw driver

#### Other Parts Needed For Installation:

SoundOff Signal Speaker  
100C/100D/100E/100V and mounting  
screws provided with speaker.

### **WARNING**

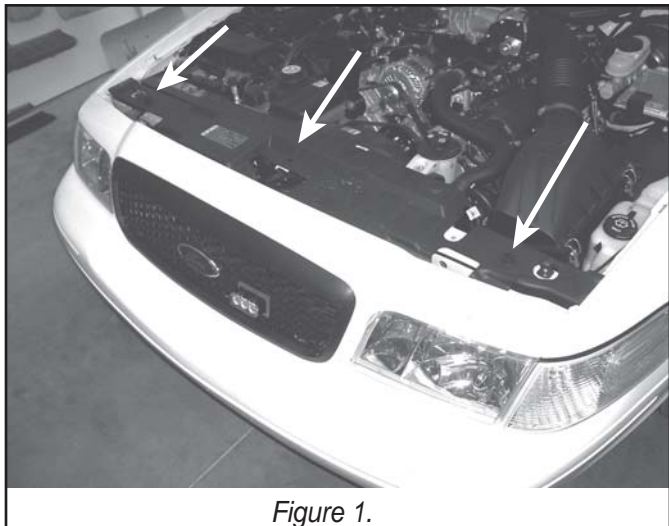
Sirens produce loud sounds that may damage hearing:

- Roll up windows
- Wear hearing protection
- Use only for emergency response
- Avoid exposure to siren sound outside of vehicle

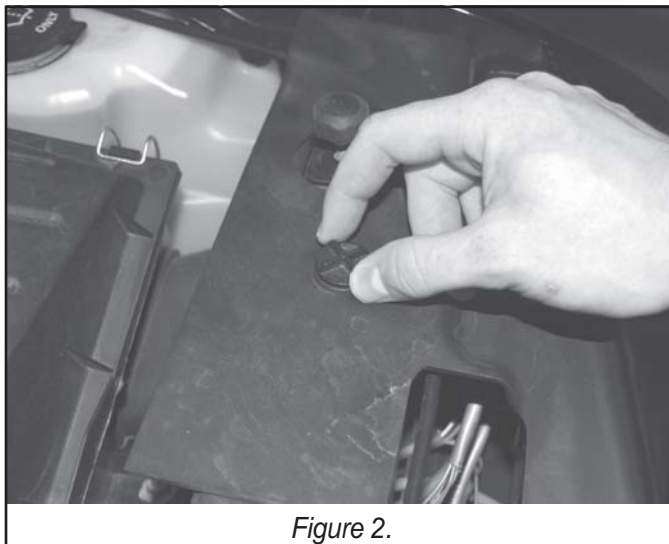


# ETSS100BKCV CROWN VICTORIA SPEAKER BRACKET INSTALLATION:

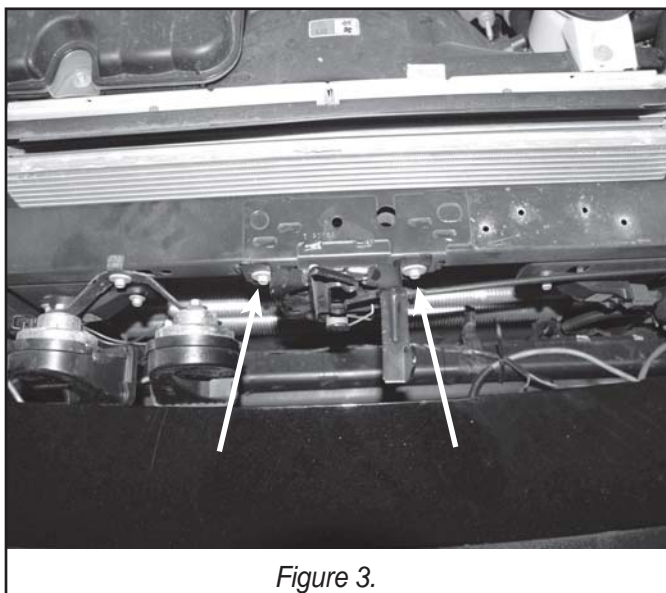
1. Open hood, locate plastic shield that is between radiator cross bar and grille. Locate 3 quarter turn fasteners. See figure 1 for location of fasteners.



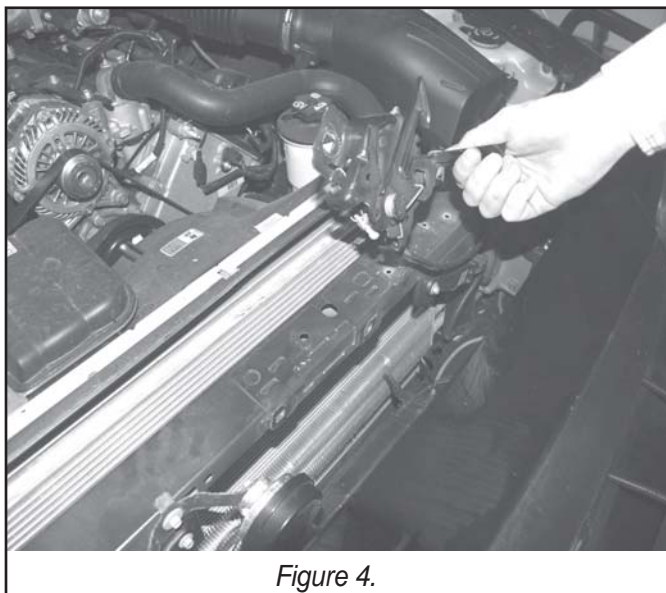
2. Remove 3 quarter turn plastic fasteners. Retain fasteners for re-assembly. Remove plastic shield. See figure 2 for details.



3. Remove 2 bolts that fasten hood latch to radiator cross bar. See figure 3 for details.



4. Move latch bracket out of the way for installation of speaker bracket.



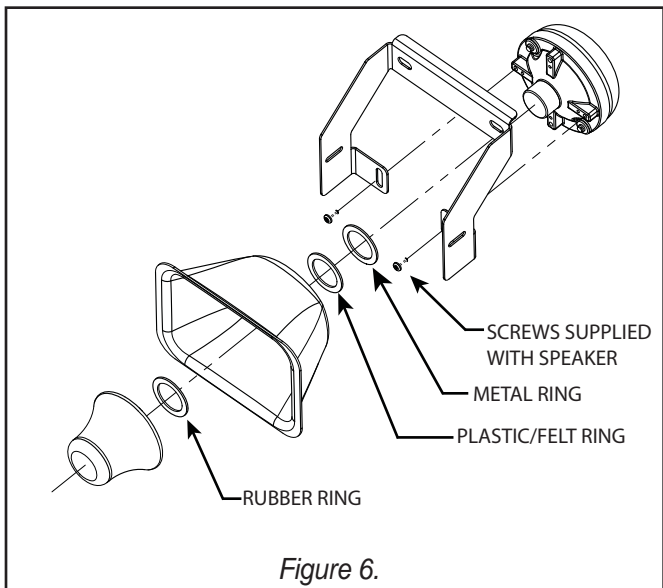
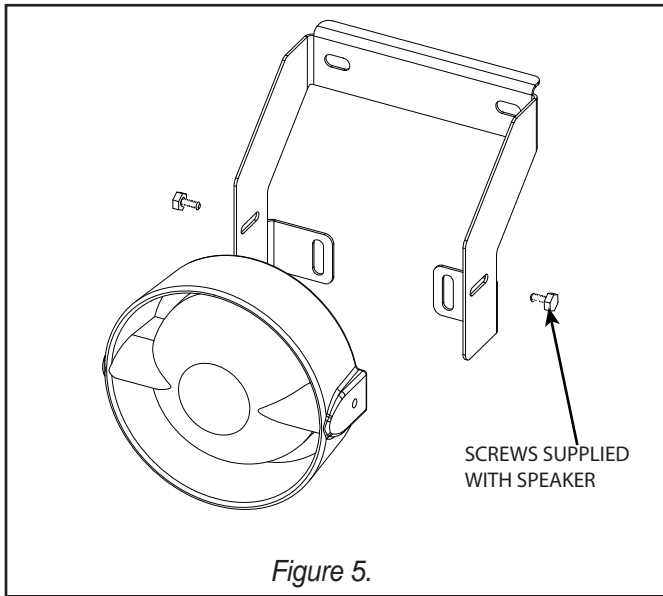
## **!** WARNING

Sirens produce loud sounds that may damage hearing:

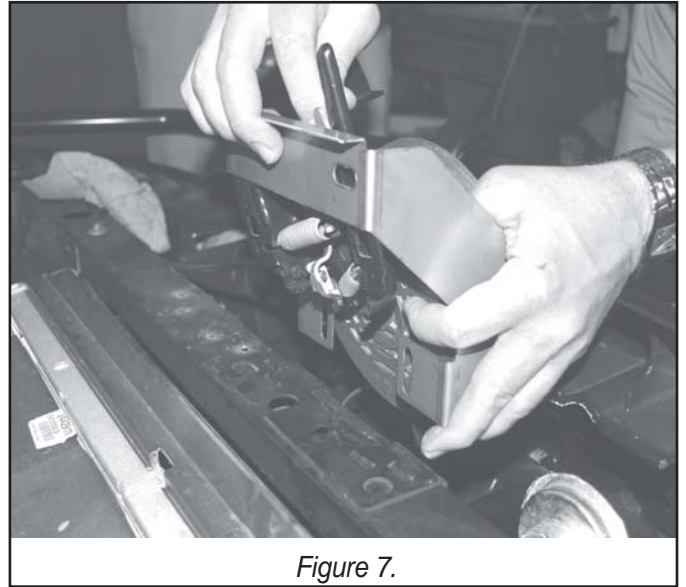
- Roll up windows
- Wear hearing protection
- Use only for emergency response
- Avoid exposure to siren sound outside of vehicle



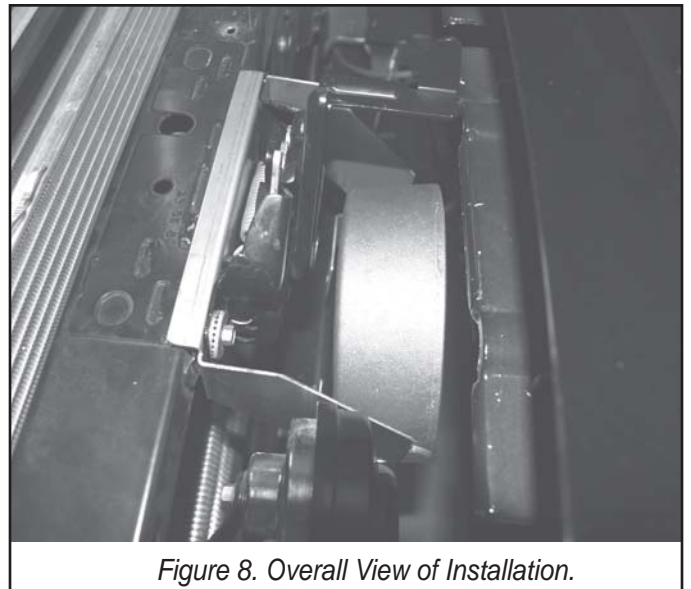
5. Assemble speaker to bracket as shown in figure 5 for 100C and figure 6 for 100E speaker.



6. Slide latch bracket assembly in so that speaker bracket is behind latch bracket. Cable for hood latch must run underneath speaker bracket.



7. Re-fasten latch assembly with speaker bracket assembly with 2 bolts that were removed in step 3. See figure 8.



8. Connect the wires from the speaker to the electronic siren's speaker cable. Refer to siren instructions for details. Before replacing covers, be sure to test the unit to be sure that it is functioning properly

9. Replace plastic shield and plastic fasteners removed in step. 2.

10. Close hood and check hood and body alignment. Adjust latch assembly if required for proper hood alignment.