

INSTALLATION INSTRUCTIONS FOR 6041 SWITCH ASSEMBLY

SAFETY MESSAGE TO INSTALLERS

▲WARNING

People's lives depend on your safe installation of our products. It is important to read, understand and follow all instructions shipped with the products. In addition, listed below are some other important safety instructions and precautions you should follow:

Failure to follow all safety precautions and instructions may result in property damage, serious injury, or death to you or others you are seeking to protect.

- To properly install the equipment described in this instruction sheet: you must have a good understanding of automotive electrical procedures and systems, along with proficiency in the installation and use of safety warning equipment.
- When drilling into a vehicle structure, be sure that both sides of the surface are clear of anything that could be damaged.
- Locate Backup Alarm so it will operate safely under all conditions. The location must provide protection from impact and adverse weather conditions while allowing unobstructed sound projection to the target hazard area.
- All effective Backup Alarms produce loud sounds which may cause, in certain situations, permanent hearing loss. You should take appropriate precautions such as wearing hearing protection.
- Ensure that the vehicle's supply voltage is within the voltage rating specified on the Backup Alarm.
- You should frequently inspect the Back-up Alarm system to ensure that it is operating properly and that it is securely attached to the vehicle.
- File these instructions in a safe place and refer to them when maintaining and/or reinstalling the product.

INSTALLATION.

1. Select a mounting location for the switch, either at the reverse gear linkage or shift lever, so that the outer end of the switch actuation arm moves a minimum of one-inch when the vehicle is shifted into reverse. Contact with the actuating arm should be made approximately 1-1/2" from its end.

2. Using the switch as a template, scribe drill position marks on the mounting surface.

▲CAUTION

When drilling holes in ANY part of the vehicle, ensure that both sides of the surface are clear of parts that could be damaged; such as brake lines, fuel lines, electrical wiring or other vital parts.

3. Drill mounting holes at the previously scribed drill position marks.

4. See figure 1. Route user-supplied wires (minimum 18AWG) to the switch location, one from the positive terminal of the back-up alarm and the other from a fused power source.

5. See figure 2. Connect the wires to the #8-32 screw terminals on the switch.

6. Secure the switch at the mounting location with user-supplied hardware. Ensure that all fasteners are properly tightened.

7. Test the back-up alarm for proper operation.

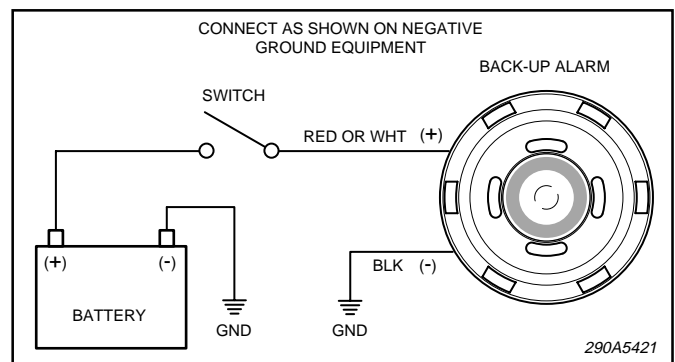


Figure 1.

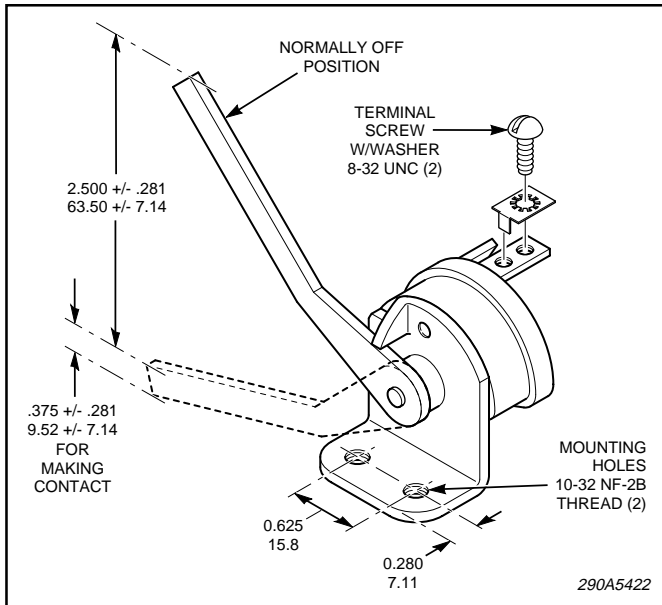


Figure 2.

SAFETY MESSAGE TO OPERATORS OF FEDERAL SIGNAL BACKUP ALARMS

▲WARNING

- **Should the alarm become inoperative, it could jeopardize the safety or lives of those who depend on the alarm signal for safety.**
- **All effective Backup Alarms produce loud sounds which may cause, in certain situations, permanent hearing loss. You should take appropriate precautions such as wearing hearing protection.**
- **Your hearing and the hearing of others, in or close to your vehicle, could be damaged by loud sounds. This can occur from short exposures to very loud sounds, or from longer exposures to moderately loud sounds. For hearing conservation guidance, refer to federal, state, or local recommendations. OSHA Standard 1910.95 offers guidance on "Permissible Noise Exposure."**
- **Optimum sound propagation will be reduced if Backup Alarm becomes clogged with a foreign substance such as mud or snow. While cleaning, ensure that substance is not packed into speaker.**
- **Testing the Backup Alarm should be listed on the daily maintenance report. The units on operating vehicles must be tested each day prior to the vehicles' operation. Results of this test must be recorded in the maintenance file.**
- **Notify your supervisor that people operating this equipment MUST check for proper operation at the beginning of every shift.**
- **It is important that you fully understand how to safely operate this warning system before use.**

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