



**B-758**  
115066  
Rev 1: 9/16/02

**ULTRA-ALERT LIGHT MOUNTING:**

- ❑ The *Ultra-Alert Light* may be mounted, on a roll cage, steering column, dash, existing tachometer, or other locations of high visibility.
- ❑ To mount the *Ultra-Alert Light* on the dash, use the bracket and screws provided.
- ❑ To mount to a roll bar or steering column, use a hose clamp to secure.
- ❑ To mount on an existing tachometer, loosen the mounting strap and insert the base of the *Ultra-Alert Light* under strap and retighten the bolts.

**Installation Instructions**

*Ultra-Alert Light*

**PRECAUTIONS:**

- ❑ Read ALL instructions before installing instrument.
- ❑ Follow ALL safety precautions when working on vehicle-wear safety glasses!
- ❑ ALWAYS disconnect (-) negative battery cable before making electrical connections.

**HELP?:**

- ❑ If after reading these instructions you don't fully understand how to install your instrument(s), contact your local Stewart Warner distributor, or contact our Technical Support Team toll free at **1-866-797-7223 (SWP-RACE)**.
- ❑ Additional applications information may be found at **www.SW-Performance.com**.

**GENERAL APPLICATION:**

- ❑ 12-volt DC negative (-) ground electrical systems (11-16 VDC operating voltage range).

**ULTRA-ALERT LIGHT HOOK-UP (Figure 1, 2, &3):**

- ❑ The *Ultra-Alert Light* may be used for high temperature warning (figure 1), low or high pressure warning (figure 2), or any combination limited only by the switches used (figure 3).
- ❑ Stewart Warner Performance pressure switches come ready for use in either high (ascending) or low (decending) pressure warning applications. Refer to figure 2 for wiring information.

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**TEMPERATURE SWITCH INSTALATION:**

1. For coolant temperature, locate an appropriate coolant port with enough depth clearance for the temperature switch. For engine or transmission oil temperature, an optional adapter may be welded or brazed into the oil pan (be sure there is enough clearance from internal moving parts).
2. Thread the temperature switch into the port using a sealing compound (do not use sealing tape, as the sender is grounded through the threads.).
3. Thoroughly check the installation for leaks around the threads.

**ULTRA-ALERT LIGHT TEMP WIRING (Figure 1):**

1. Disconnect negative (-) battery cable.
2. Using 18-ga. wire, connect the (RED) wire to a switched +12V source, like the ignition wire.
3. Using 18-ga. wire, connect the (BLACK) wire to the terminal on the temperature switch.
4. Reconnect the negative (-) battery cable and test to ensure proper operation.

**PRESSURE SWITCH INSTALLATION:**

1. Locate an appropriate pressure port for the switch installation. An adapter bushing may be required. See catalog for additional accessories.
2. Thread the temperature switch into the pressure port using a sealing compound.
3. Thoroughly check the installation for leaks around the threads.

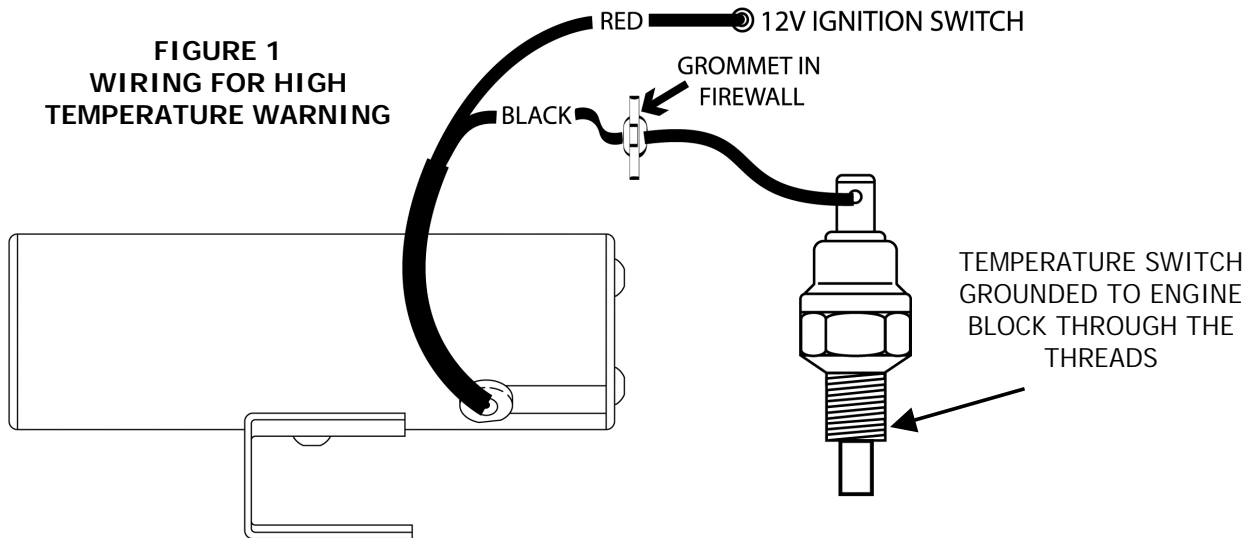
**ULTRA-ALERT LIGHT PRESSURE WIRING (Figure 2):**

1. Disconnect negative (-) battery cable.
2. Using 18-ga. wire, connect the (RED) wire to a switched +12V source, like the ignition wire.
3. Using 18-ga. wire, connect the (BLACK) wire to the terminal on the pressure switch (refer to figure 2 to determine the appropriate terminal for a low or high pressure warning).
4. Using 18-ga. wire, connect one end to the (C) terminal on the pressure switch and the other end to a clean (rust/paint-free) ground.
5. Reconnect the negative (-) battery cable and test to ensure proper operation.

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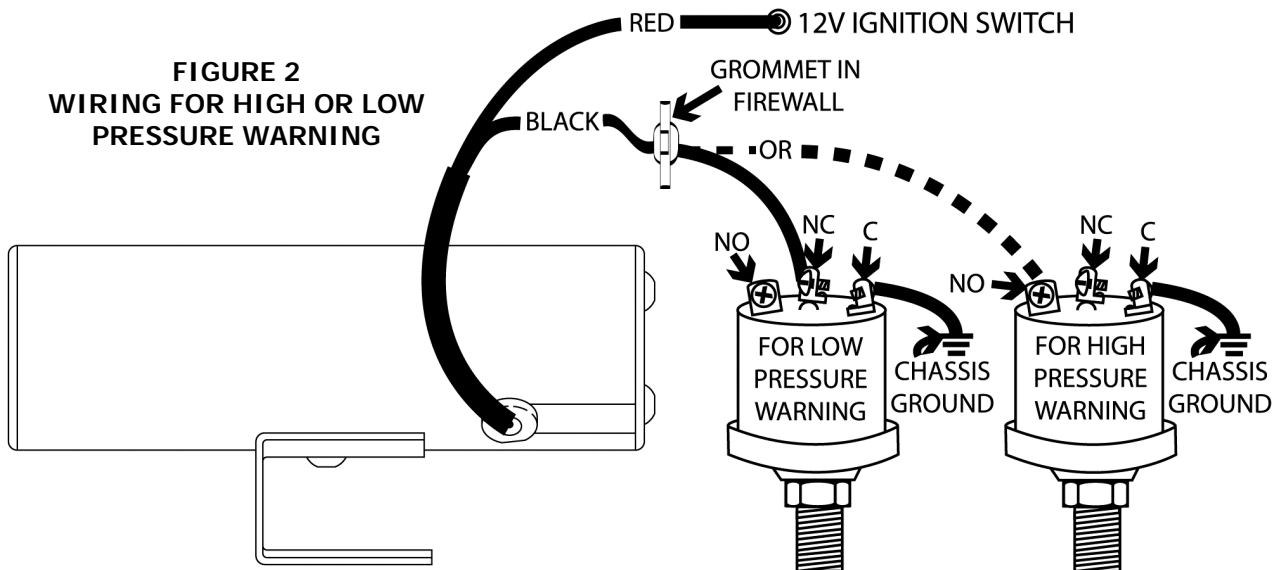
**FIGURE 1  
WIRING FOR HIGH  
TEMPERATURE WARNING**



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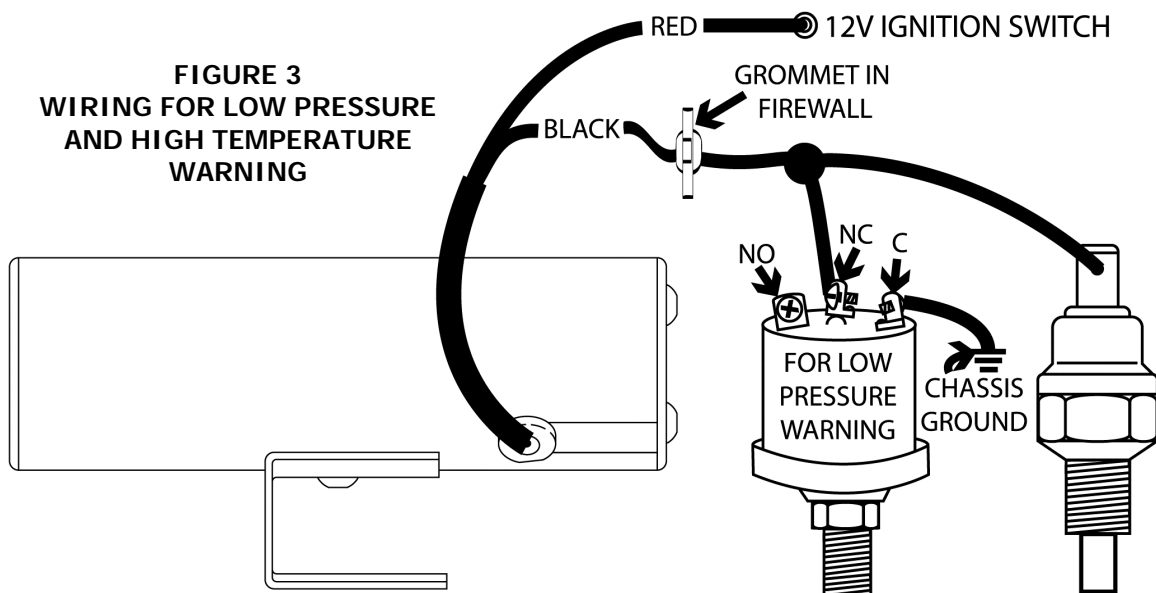
**FIGURE 2  
WIRING FOR HIGH OR LOW  
PRESSURE WARNING**



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**FIGURE 3  
WIRING FOR LOW PRESSURE  
AND HIGH TEMPERATURE  
WARNING**



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**CLEANING DIRECTIONS:**

- For proper cleaning of instrumentation/accessories, use a glass cleaner or mild detergent with a spray on and wipe method.

**WARRANTY INFORMATION:**

**TWO (2) YEAR LIMITED WARRANTY.** SWP products are warranted against defects in workmanship and materials for a period of two (2) years from the date of purchase. Proof-of-purchase is required; otherwise, the warranty period shall default to two (2) years from date-of-manufacture (as indicated by the date code on the product). See detailed Warranty Policy for other Terms & Conditions.

STEWART WARNER PERFORMANCE

1-866-SWP-RACE (797-7223)

www.SW-Performance.com

