

AC Super Issprolarm
Installation Instructions
R4290 Kit (12 Volt / 24 Volt)
R4291/Box Only (12 Volt)
R4291-24VDC/Box Only (24 Volt)

1. Top Tank Radiators: Locate a point on the side of the tank away from the hose connections, but near the center of the tank, and $\frac{3}{4}$ " above the core. (Fig. 1A) {The probe may also be mounted at the centered top of the tank, providing the bottom of the probe reaches sufficiently into the water. Be sure that the probe does not touch the top of the core when fully inserted.} (See Fig. 1B)
2. Side Tank Radiators: Locate a point on the side tank to give adequate warning. (See Fig. 2)
3. For aluminum and stainless steel tanks with a wall thickness of $\frac{1}{8}$ " or greater, drill a $\frac{7}{16}$ " hole at a selected point and tap for $\frac{1}{4}$ " N.P.T. (For thin wall brass radiators drill a $\frac{5}{8}$ " hole and silver solder the supplied brass bushing.)
4. Apply silicone sealant to the probe threads and screw the probe firmly into the tapped hole.
5. It is recommended that the control box be mounted in the vehicle cab.
6. For your convenience, there are two wiring diagrams shown (see reverse side) for connecting the control box. Select the method that best suits your application and follow that diagram for your installation. NOTE: Connect the control box to IGN (positive) and ground (negative) per diagram. **NEGATIVE GROUND ***ONLY!*****
7. The warning device will indicate if the water falls below the probe level. Check operation. NOTE: Check operation of the water level device periodically by draining the radiator water below the probe level. If the alarm does not operate, remove probe and check for coating build-up. Clean all the probe surfaces with non-abrasive material and replace. If device still does not operate, check the control box wiring.

**ISSPRO
AC Super Issprolarm
R4290 Kit
Installation Diagram**

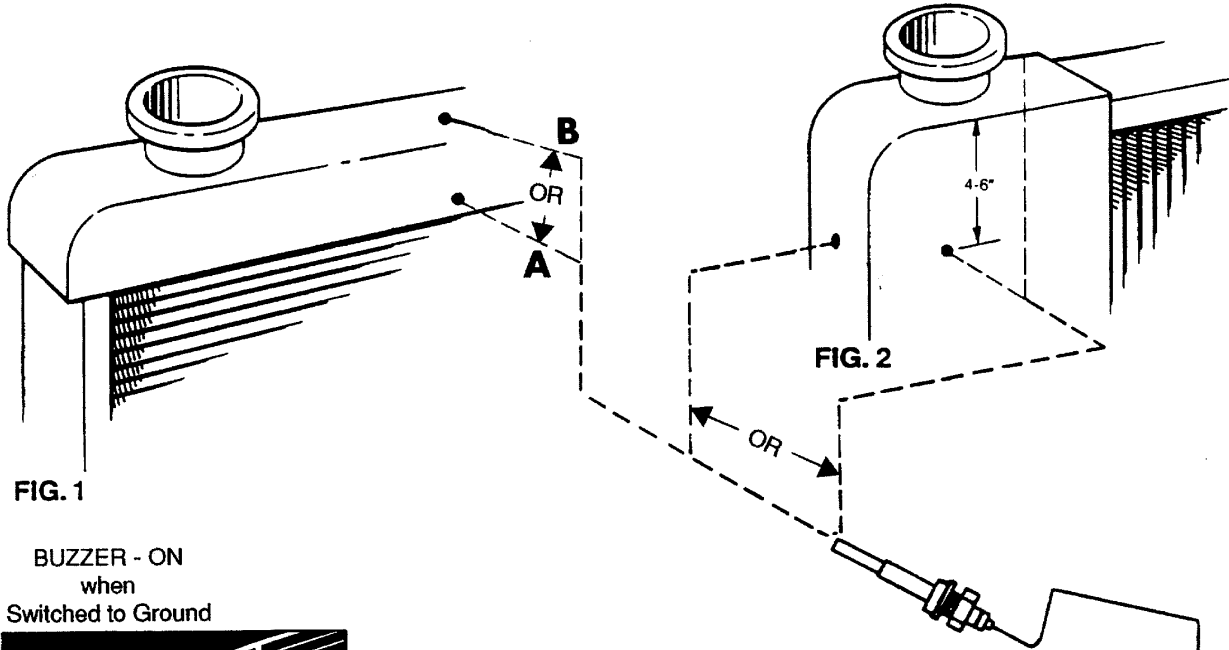
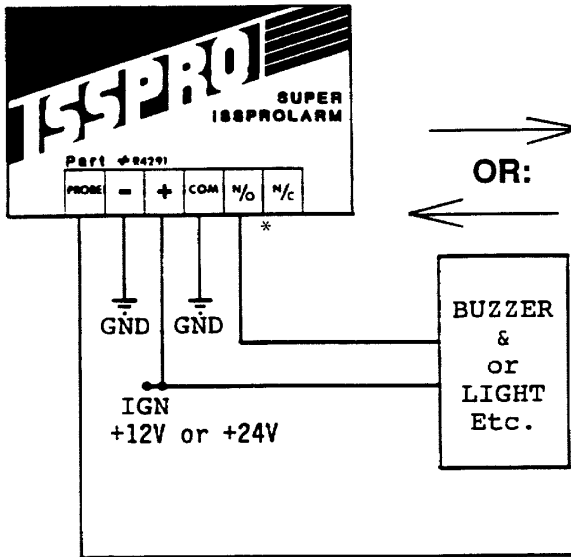


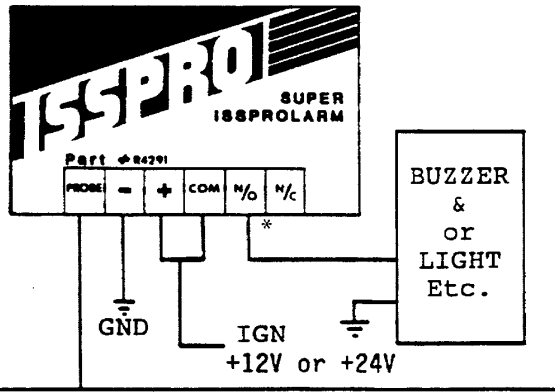
FIG. 1

BUZZER - ON
when
Switched to Ground



Probe Assy R1220S

BUZZER - ON
when
Switched to Ignition



OR:

*NOTE: Maximum switch current
or relay is 20 amps

R4290 Kit Parts List		
QTY	PART #	DESCRIPTION
1	R7051	12V Lamp
1	R7024	24V Lamp (opt.)
1	R7074	Buzzer
1	R4291 or R4291-24VDC	Box
1	R1220S	Probe Assy