



# PDAST80042 Sentry™ System

## QUICK INSTALLATION GUIDE

info@radar-electronics.com  
 http://radar-electronics.com  
 Phone: +38634900800



Sensor Mounting Hardware (1) Sensor Bracket SD-BK90 (1)  
 CPK732 Camera / Cable with mounting hardware and bracket (1)  
 SAS97DT 97dB Dual Tone (Safety Alert System) Mounting Hardware (1)  
 SAS INT Interconnect Cable 43"/1.09M (1)

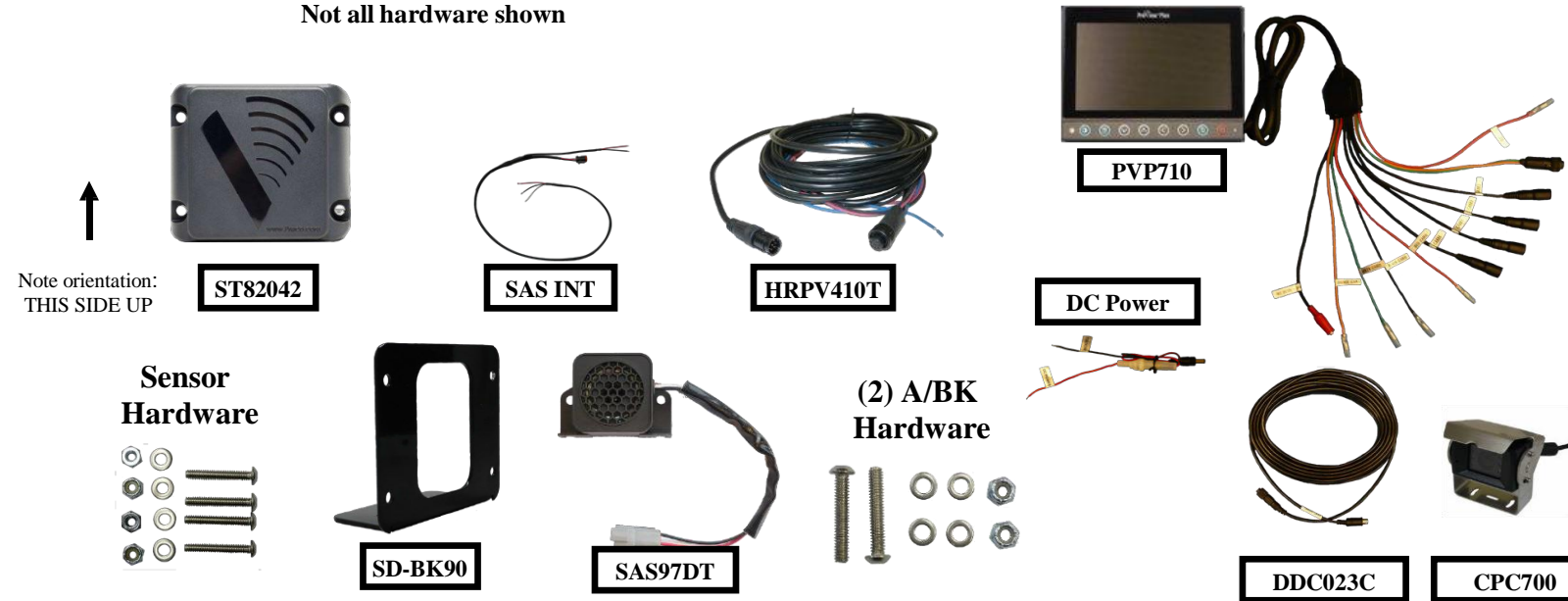
...ally the sensor should be centered on the rear of the vehicle.  
 ...fy  
 ...he system, and verify nothing is detected.  
 ... 1/4" (6mm) holes centered at the marks. A 1" diameter clearance hole is  
 ... to the vehicle with the hardware. Apply a maximum of 22 lb-inch to

**3** **Install Alarm**  
 SAS—Safety Alert System. Remove existing back up alarm and mount the SAS Alarm in the same location or in close proximity.

**4** **Install Cables**  
 Routing the transition cable and sensor should start at the rear and end in the cab. To enter the cab, drill a 1" (24mm) hole and feed the display connector through.  
**The sensor mating connector is fully waterproof if mated properly. The connectors with a collar (coupling ring) must be turned to the right until they lock with the mating connector.) Do not route cable next to heat sources or area that may see abrasion or rock and debris damage.**

**5** **Mount Monitor and Camera**  
 Mount the monitor in a location easily viewed by the driver. Mount the camera on the rear of the vehicle to achieve the best possible view of the area.

Not all hardware shown



Detailed Wiring Diagram



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Contact Technical Support with Questions:  
 Telephone: +386 3 4900 800  
 Email: info@radar-electronic.com  
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The quick install guide is only a supplement to the product manuals. Please read all of the manuals for complete information and instructions before installing the product.



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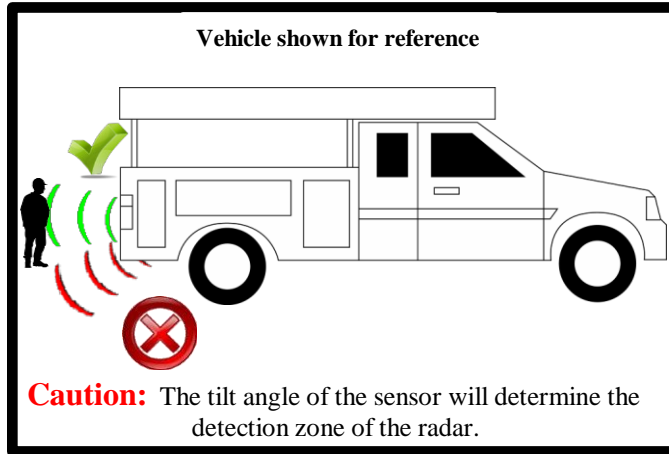
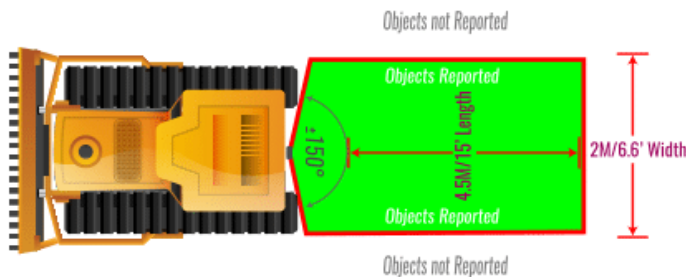


### Initial System Power Up and Test

Once the sensor, monitor, and SAS Alarm are installed, wired and connected, power should be applied to test system operation. monitor should power up and display the camera view. The SAS alarm will operate as a normal back up alarm until the sensor detects an object. At this point the alarm will sound at a faster rate. The vehicle must be placed in reverse to power up the sensor. If the monitor is indicating a detection and there is no object in the machine's vicinity, check for any objects on the machine which may be detected by the sensor. If possible, move the sensor so it does not detect the object(s). If it is not possible to relocate the sensor contact PRECO Electronics .

If for some reason the system is malfunctioning, the will change to a yellow triangle indicating a failure. Refer to the Troubleshooting section in the monitor manual to determine the error and potential causes.

Once the system has been installed and verified, the detection zone should be tested. The test should be performed with two people, one who remains in the cab (the operator), and one who walks through the sensor field to the rear of the vehicle (the assistant). The operator engages the parking brake, presses the vehicle brake, and places the vehicle in reverse. The assistant then walks through the detection zone while the operator notes where the monitor displays a detection. An accurate detection zone can be mapped by moving about the rear of the vehicle and noting when the monitor displays a detection. **NOTE: Assistant should wear hearing protection to prevent hearing damage as the SAS alarm is very loud.**

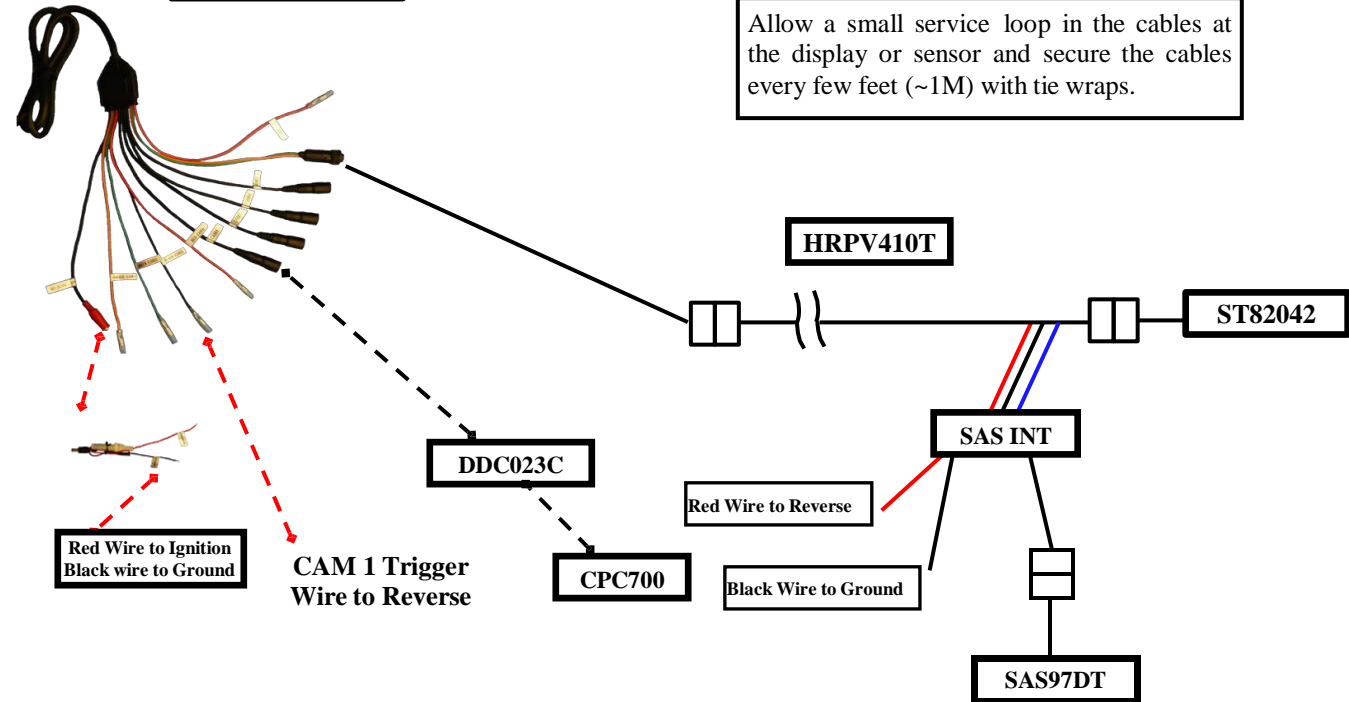


The PreView® system is a blind spot collision warning system designed to supplement other safety practices and/or devices. The machine operator is always the first line of defense when safely operating a vehicle.

### TESTING / MAINTENANCE

Test the PreView® Radar System every day for functionality and performance prior to vehicle operation, refer to the sensor manual.

PVP710 Harness



Allow a small service loop in the cables at the display or sensor and secure the cables every few feet (~1M) with tie wraps.

APPROXIMATE  
PATTERN SHOWN