



# PST85064 Sentry™ System

## QUICK INSTALLATION GUIDE

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**1 Before You Start**

**Contents:**  
 ST87064 Sensor (6M X 4.5M) (1)  
 Sensor Mounting Hardware (1)  
 Sensor Bracket SD-BK90 (1)  
 A/BK Hardware Kit (1)  
 PVP710 Monitor with mounting hardware and bracket (1)  
 CPK732 Camera / Cable with mounting hardware and bracket (1)  
 CPC700 Camera and DDC023C cable (1 each)  
 Cable (1)  
 WS610PT Cable 30' / 9.1M (1)  
 (Cable options on back page)

User Manual

**2 Mount Sensor**

Select a location for the sensor approximately 3ft/1M from the ground. Ideally the sensor should be centered on the rear of the vehicle.

**Important!**  
 Before the PreView Sensor is permanently installed to the vehicle, verify the selected location provides a clear detection zone. Temporarily attach the sensor in the proposed location, apply power to the system, and verify nothing is detected.

**Mounting**  
 Using the bracket, scribe position marks through the holes and drill 1/4" (6mm) holes centered at the marks. A 1" diameter clearance hole is required for the sensor connector and the mating cable. Secure the sensor to the vehicle with the hardware. Apply a maximum of 22 lb-inch to secure the sensor.

**3 Install Cables**

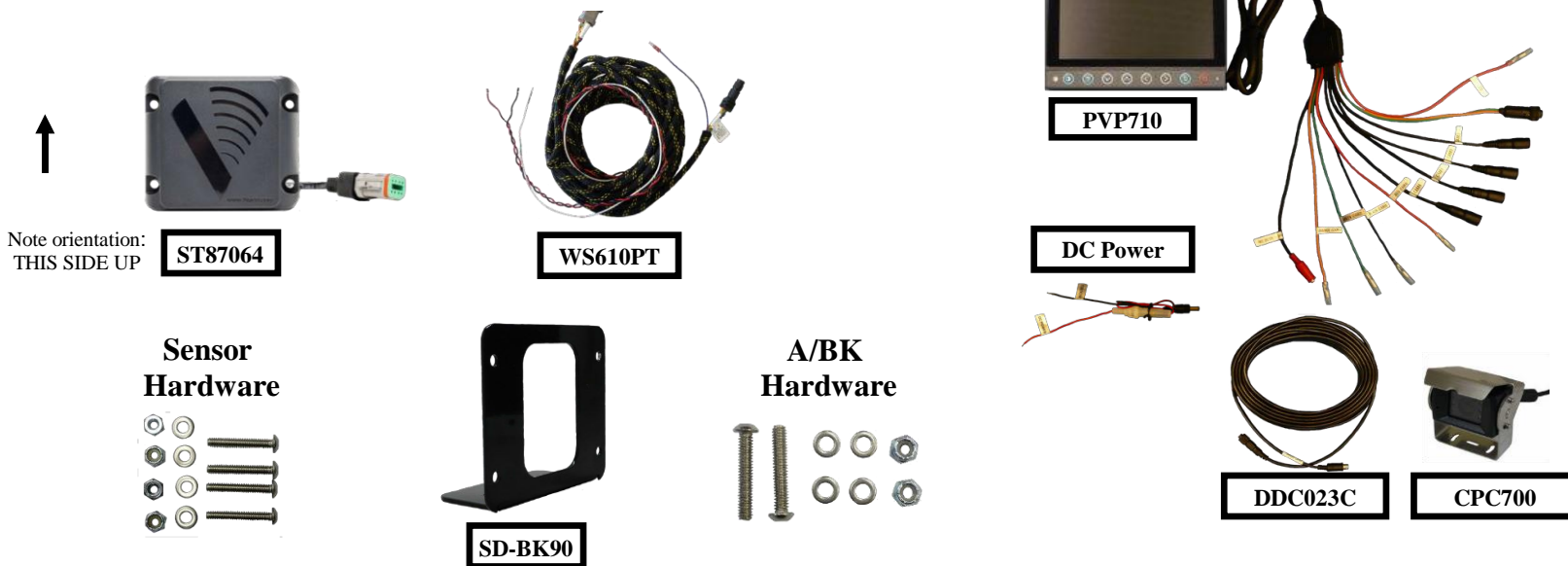
Routing the cables should start at the sensor and camera. To enter the cab, drill a 1" (24mm) hole and feed the display connector through.

**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.**

**4 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:

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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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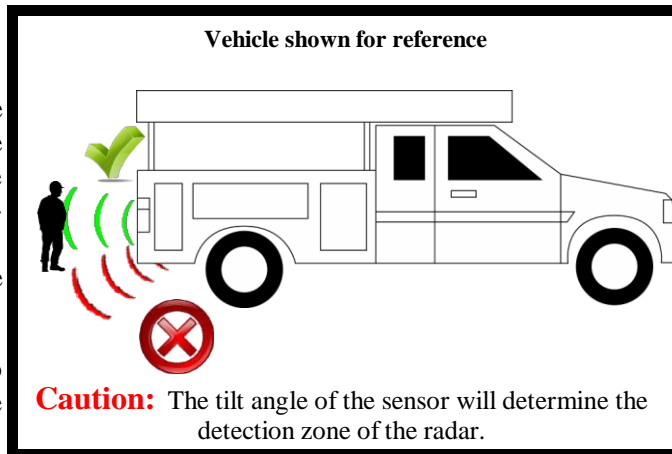


### Initial System Power Up and Test

Once the sensor and monitor are installed, wired and connected, power should be applied to test system operation. The monitor should power up and display the camera view. 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 us at [www.preco.com](http://www.preco.com).

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.



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.

#### Cable Options:

- WS610PT - 30'/9.1M
- WS6145PT - 45'/13.7M
- WS6160PT - 60'/18.3M

