



X20-6-PC-32/16B PreView[®] System

QUICK INSTALLATION GUIDE

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1 Before You Start

Contents:
 XPV4220A-6 Sensor (1)
 Sensor Mounting Hardware (1)
 XPV-BK90 Sensor Bracket (1)
 A/BK Bracket Mounting Hardware (1)
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 XPV41CA (1), XPV41PA 1'0.3M (1), XPV41RA 3.3'1M (1)
 XPV4132 32.8'10.0M (1), XPV4116 16.4'5.0M (1)
 PVP710-6 Monitor with mounting hardware and bracket (1)
 CPK732 Camera / Cable with mounting hardware and bracket (1)
 CPC700 Camera and DDC023C cable (1 each)
 User Manuals

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
 The sensor may be mounted directly on the machine or attached using the bracket. The bracket can either be bolted or welded onto the machine. If not using the bracket, mark the holes to drill using the sensor as a template and drill 4 - 5/16" (7mm) holes. A 1 1/2" diameter clearance hole is required for the sensor connector and the mating cable. Secure the sensor to the vehicle with the supplied hardware. Apply a maximum of 50 in-lbs to secure the sensor.

3 Install Cables

Routing the body harness should start at the rear of the vehicle and end in the cab. To enter the cab, drill a 1 1/2" (38mm) hole and feed the connector through to connect to the cab adapter.

Important!
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. Latch(es) on mating connector must click (locking connectors together). Do not route cable next to heat sources or area that may see abrasion or rock and debris damage. Bundle and store any excess cable.

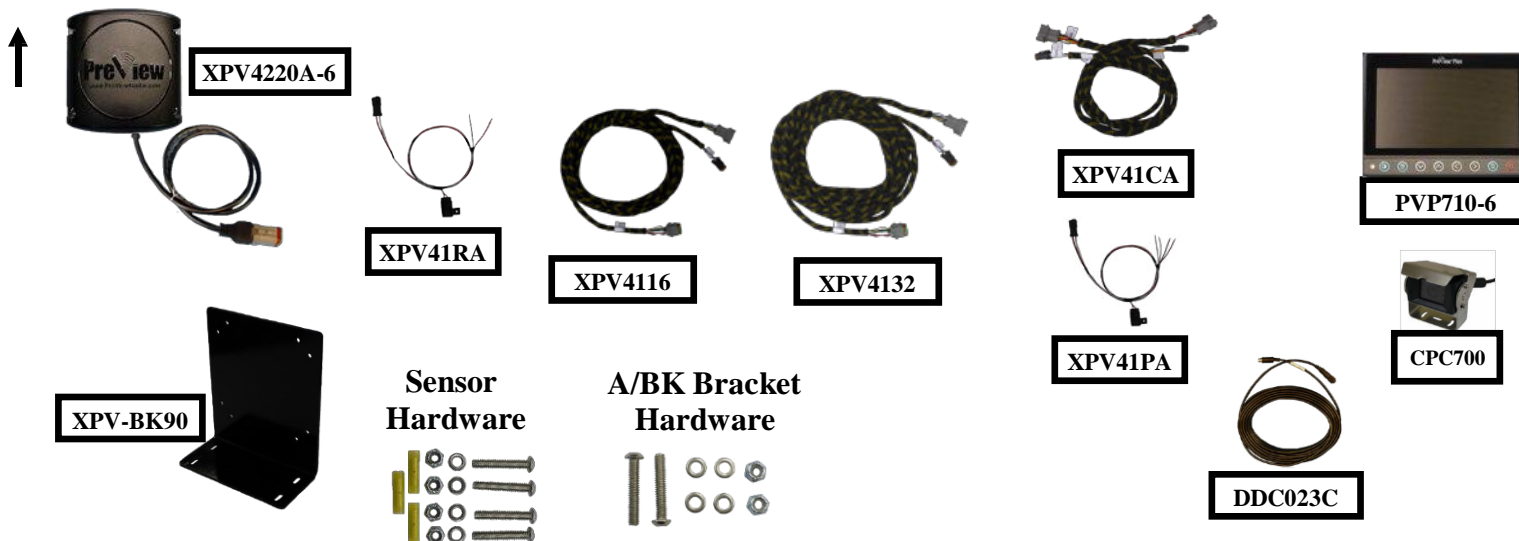
4 Mount Monitor and Camera

Mount the monitor in a location easily viewed by the driver. Use supplied hardware. Wiring detailed on the back of this document.

Mount the camera on the rear of the vehicle to achieve the best possible view of the area. Use the supplied hardware.

Note orientation:
THIS SIDE UP

Not all hardware shown



Detailed Wiring Diagram



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Contact Technical Support with Questions:

Telephone: 844.787.2327
 Web: www.preco.com
 Email: support@preco.com

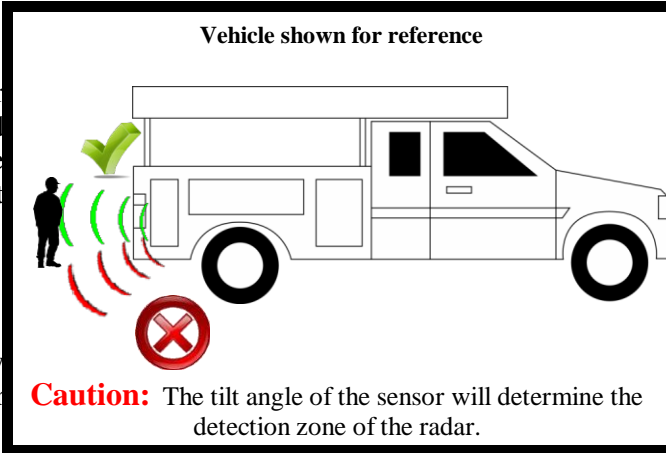
The quick install guide is only a supplement to the product manuals. Please read all of the manuals for complete information and instructions before installing the product.

Initial System Power Up and Test

Once the sensor and camera system 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. Any detection will be indicated on the monitor, check for any objects that 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.



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.

MONITOR OVERLAY GRAPHICS

- SENSOR POWER / NO DETECTION
- NO SENSOR COMMUNICATION
- DETECTING OBJECTS

Reference Monitor Manual for additional information

