

# WorkZone PreView® SAS

## QUICK INSTALLATION GUIDE



Powered by  
**PRECO**  
ELECTRONICS

**1 Before You Start**

**Contents:**

Sensor (1)  
Sensor Mounting Hardware: 4 each Flat Washers  
1 1/4" x 10-24 Bolts, and Locking Hex Nuts

Display (1)  
Display Mounting Hardware: Mounting Bracket (1)  
2 each— 4-40 1/4" Hex Nut and #4 Lock Washer

Alarm (1)  
87-112dB Alarm (SAS Alarm)

Cables (2) 1 each  
HRPV410T Interconnect Cable 25' / 7.6M  
SAS INT Interconnect Cable 43"/1.09M

User Manuals and Drill Template

**SENSOR HARDWARE**

**DISPLAY HARDWARE**

See additional configurations and accessories on the back page

**2 Mount Sensor**

Select a location for the sensor approximately 3ft/1M above the ground. (If the sensor must be installed higher than 3ft/1M, the sensor may need to be tilted down slightly to achieve the desired detection zone.) Ideally the sensor should be centered on the rear of the vehicle. Reference the Drill Template to mark and drill the holes for mounting the sensors. Mount the sensors using the supplied hardware with a 22 in/lbs maximum torque.

**Important!**

Before the PreView System 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.

**3 Install Cables**

Routing the cable should start at the sensor. Allow a small service loop in the cable at the sensor and secure the cable every few feet (~1M) with tie wraps. To enter the cab, drill a 1" (24mm) hole and feed the display connector through. Route the remaining length of cable to the display.

**Critical Note!**

The connectors are 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. The connectors with a latch(es) must click (locking mating 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 Alarm**

SAS—Safety Alert System. Remove the existing back-up alarm and mount the SAS Alarm in the same location or in close proximity. Connect the alarm to the SAS INT cable. Wiring details shown on the back of this document.

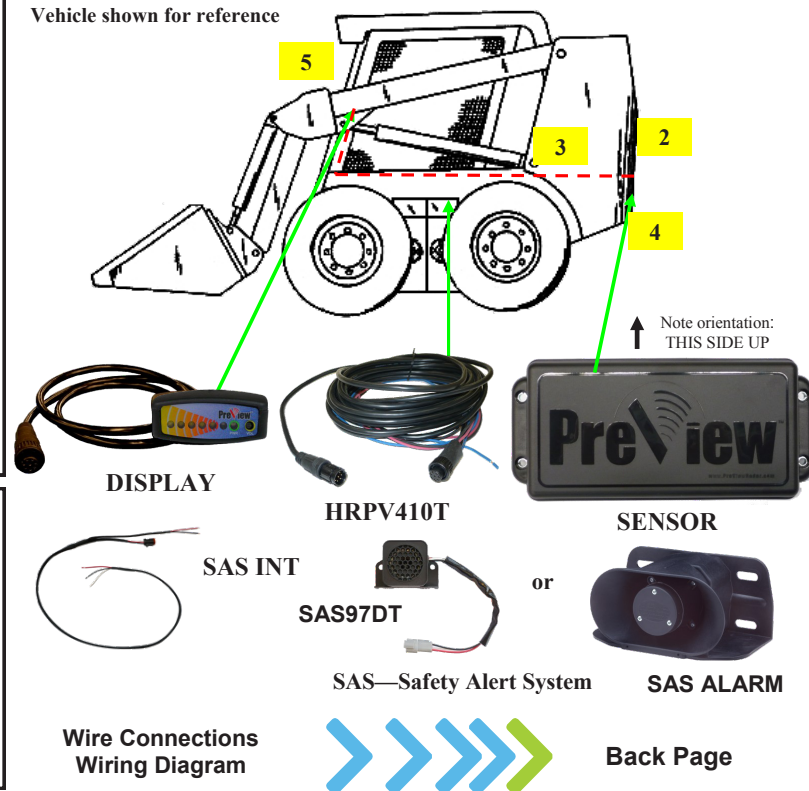
2 Wire pigtail connection detailed on back page

3 Wire pigtail connections Detailed on back

**5 Mount Display**

Mount the display in a location that is easily viewed by the driver during vehicle operation. Possible locations for the display is on the dash or by either windshield pillar. Use the drill template and supplied hardware (including the bracket) to mount the display in the cab of the vehicle as desired.

Vehicle shown for reference



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.



# WorkZone PreView® SAS

## QUICK INSTALLATION GUIDE



Powered by  
**PRECO**  
ELECTRONICS

**1 Before You Start**

**Contents:**  
Sensor (1)  
Sensor Mounting Hardware: 4 each Flat Washers  
1 1/4" x 10-24 Bolts, and Locking Hex Nuts  
Display (1)  
Display Mounting Hardware: Mounting Bracket (1)  
2 each— 4-40 1/4" Hex Nut and #4 Lock Washer  
Alarm (1)  
87-112dB Alarm (SAS Alarm)  
Cables (2) 1 each  
HRPV410T Interconnect Cable 25' / 7.6M  
SAS INT Interconnect Cable 43"/1.09M  
User Manuals and Drill Template

**SENSOR HARDWARE**

**DISPLAY HARDWARE**

See additional configurations and accessories on the back page

**2 Mount Sensor**

Select a location for the sensor approximately 3ft/1M above the ground. (If the sensor must be installed higher than 3ft/1M, the sensor may need to be tilted down slightly to achieve the desired detection zone.) Ideally the sensor should be centered on the rear of the vehicle. Reference the Drill Template to mark and drill the holes for mounting the sensors. Mount the sensors using the supplied hardware with a 22 in/lbs maximum torque.

**Important!**  
Before the PreView System 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.

**3 Install Cables**

Routing the cable should start at the sensor. Allow a small service loop in the cable at the sensor and secure the cable every few feet (~1M) with tie wraps. To enter the cab, drill a 1" (24mm) hole and feed the display connector through. Route the remaining length of cable to the display.

**Critical Note!**

The connectors are 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. The connectors with a latch(es) must click (locking mating 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 Alarm**

SAS—Safety Alert System. Remove the existing back-up alarm and mount the SAS Alarm in the same location or in close proximity. Connect the alarm to the SAS INT cable. Wiring details shown on the back of this document.

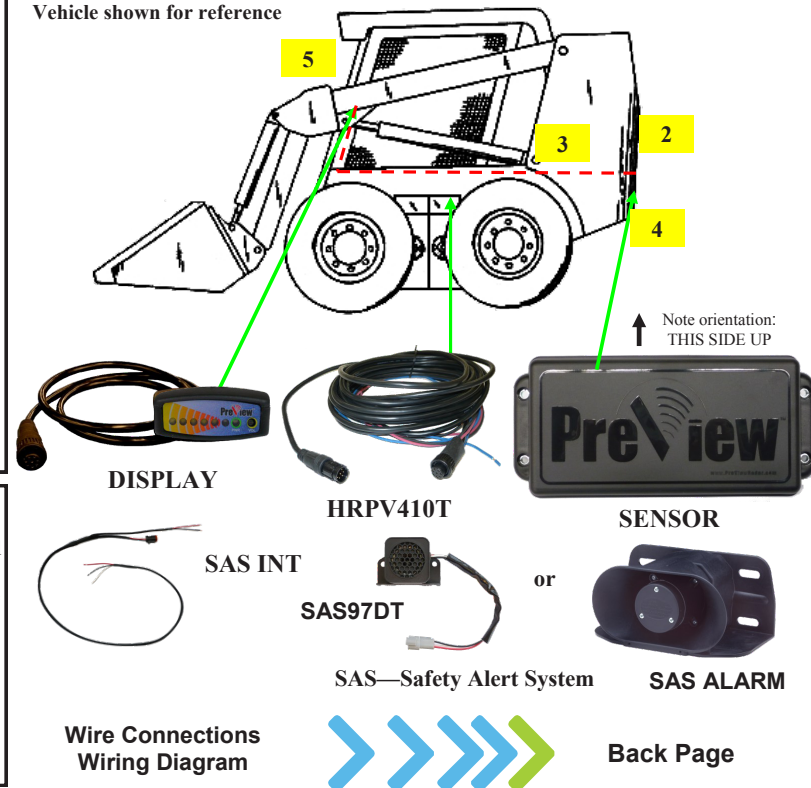
2 Wire pigtail connection detailed on back page

3 Wire pigtail connections Detailed on back

**5 Mount Display**

Mount the display in a location that is easily viewed by the driver during vehicle operation. Possible locations for the display is on the dash or by either windshield pillar. Use the drill template and supplied hardware (including the bracket) to mount the display in the cab of the vehicle as desired.

Vehicle shown for reference



Contact Technical Support with Questions:

Telephone: 844.787.2327  
Web: [www.PreViewRadar.com](http://www.PreViewRadar.com)  
Email: [support@preco.com](mailto: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.

