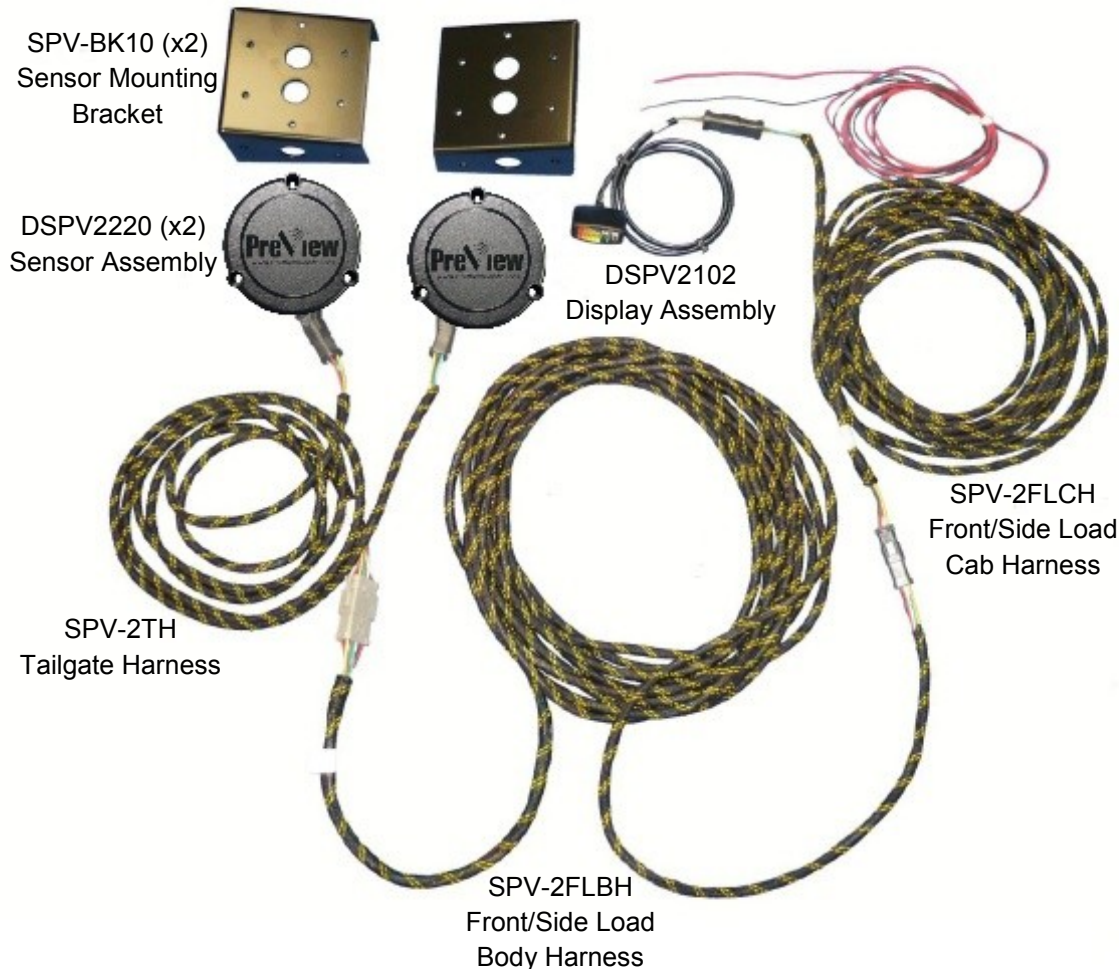


Waste Industry PreView® System Components and Descriptions

<u>Model No.</u>	<u>Description</u>
DSPV2220	Sensor Assembly, 2 each – Radar sensors for detection, mounted to the rear of the vehicle.
SPV-BK10	Sensor Mounting Bracket, 2 each – Bracket with 10 degree angle used for mounting Sensor Assembly.
DSPV2102	Display Assembly – Operator interface mounted in the vehicle cab.
SPV-2TH	Tailgate Harness – Cable connecting between the sensors and the body harness. Common for both Front/Side Load and Rear Load haulers.
SPV-2FLBH	Body Harness – Cable connecting between the rear of a Front/Side Load hauler and the cab.
SPV-2RLBH	Body Harness – Cable connecting between the rear of a Rear Load hauler and the cab.
SPV-2FLCH	Cab Harness – Cable connecting to power source and between the body harness and the Display Assembly for Front/Side Load haulers.
SPV-2RLCH	Cab Harness – Cable connecting to power source and between the body harness and the Display Assembly for Rear Load haulers.
<i>Additional Components not shown here:</i>	
SPV-BKD	Display Mounting Bracket – Bracket used to mount the Display Assembly in vehicle cab.
SPV-DMH	Display Mounting Hardware – Hardware used in mounting the Display Assembly in the vehicle cab.
SPV-SMH	Sensor Mounting Hardware – Hardware used in mounting the Sensor Assemblies.
SPV-UM	User Manual – System Operating Manual.

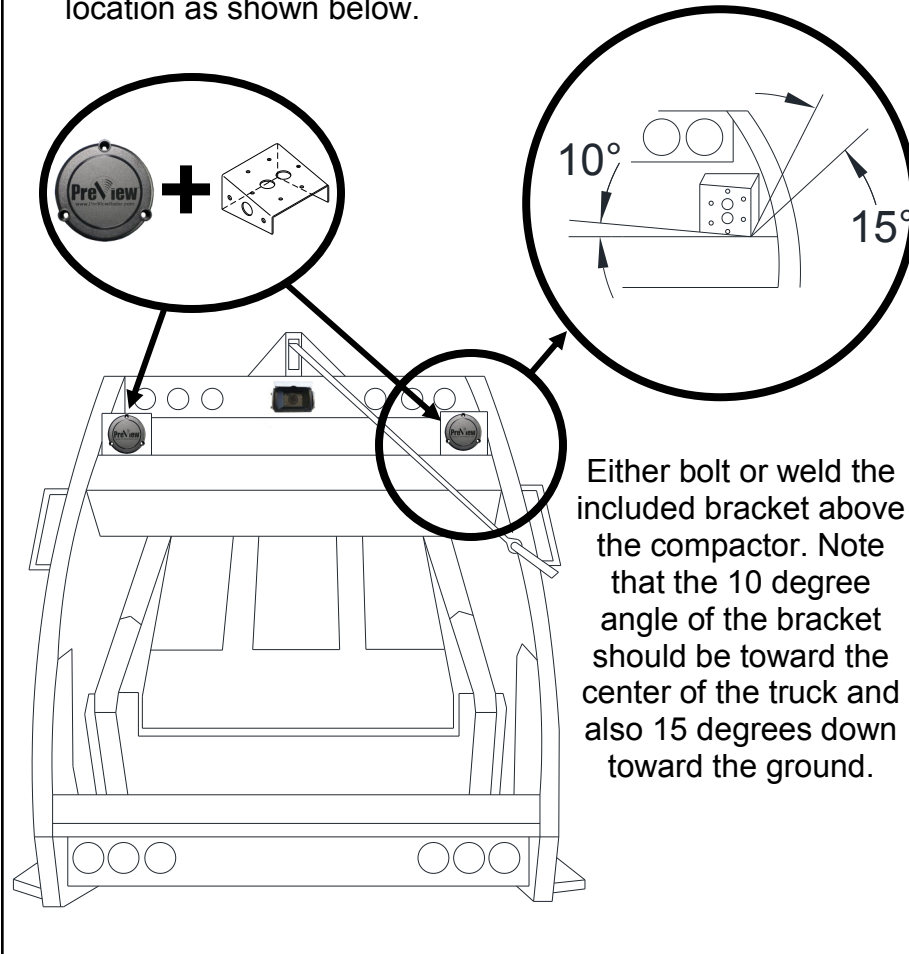


SPV-2RLBH Rear Load Body Harness and
SPV-2RLCH Rear Load Cab Harness not shown

Mount the PreView[®] Sensors

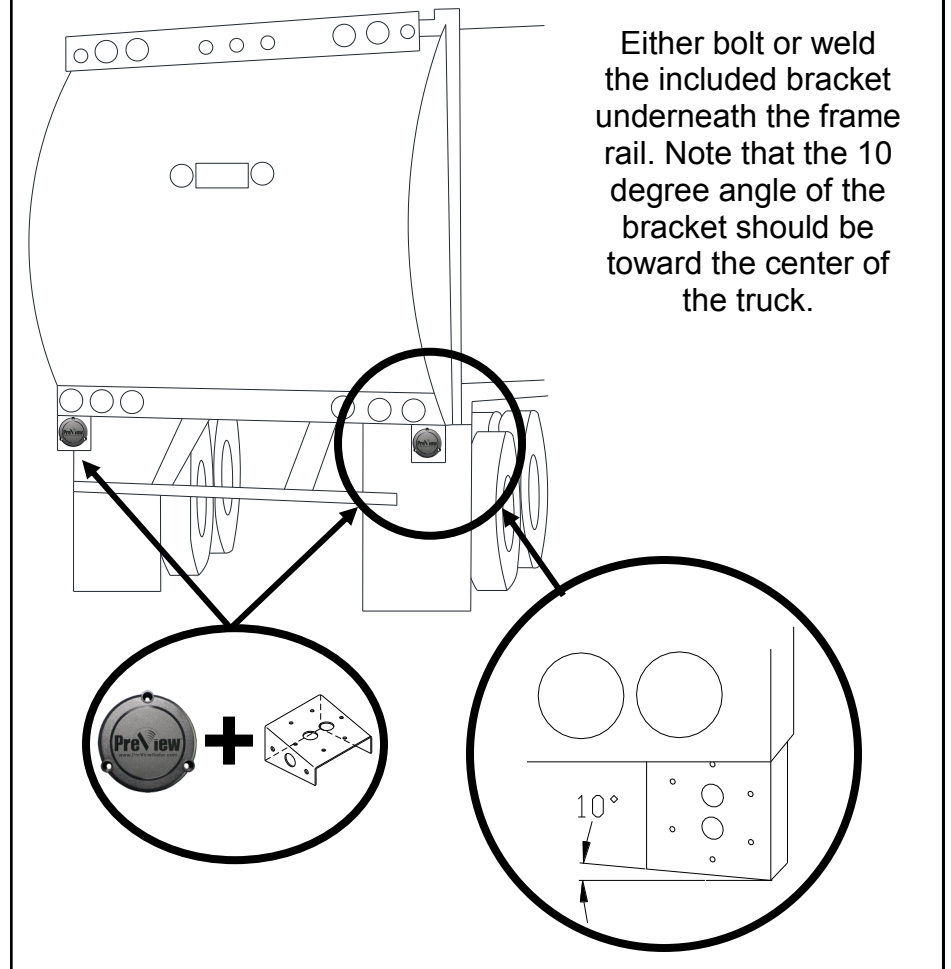
Rear Load Haulers

Rear Load Haulers typically require mounting of the PreView[®] Sensors above the compactor due to access and accessory equipment installed below. See recommended mounting location as shown below.



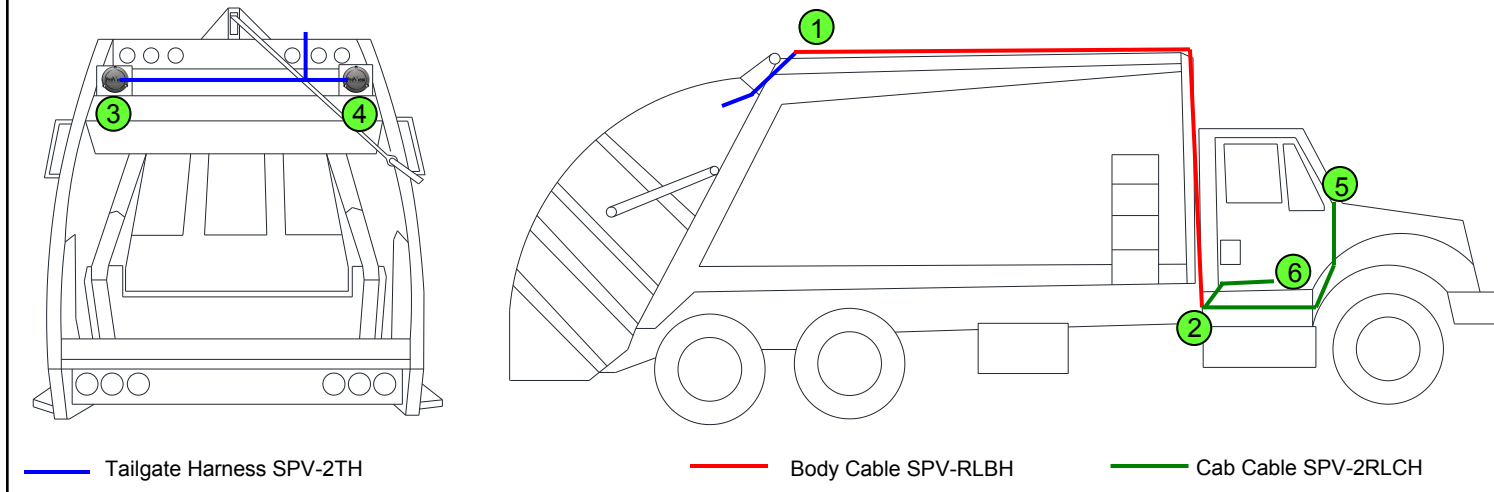
Front or Side Load Haulers

Both Front Load and Side Load Haulers typically allow mounting of the PreView[®] Sensors below the rear light frame rail as shown below.



Route the PreView® Harness

Rear Load Haulers

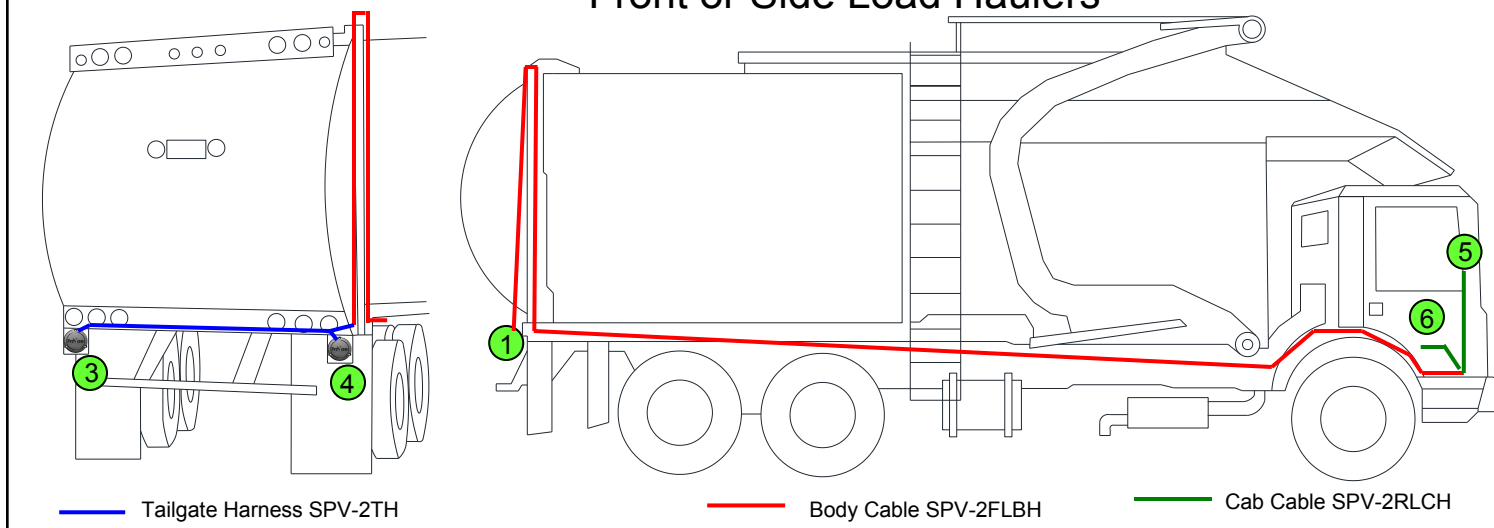


- ① Starting at this location with body cable (SPV-2RLBH for rear load or SPV-2FLBH for front/side load) route the cable through channels following existing wiring along path shown.
- ② Continue from this location with the cab cable (SPV-2RLCB for rear load and SPV-2FLCH for front/side load) to PreView® display and power source.

Connect the tailgate harness (SPV-2TH) to the body cable from location 1 and route through channel ③ where possible. Connect PreView® Sensors.

- ③ Connect the tailgate harness (SPV-2TH) to the body cable from location 1 and route through channel ③ where possible. Connect PreView® Sensors.
- ④ where possible. Connect PreView® Sensors.
- ⑤ Connect the PreView Display (DSPV2102).
- ⑥ Connect the red and black wires to power (+) and ground. Recommended power connection to reverse circuit allowing system to operate only in reverse mode.

Front or Side Load Haulers



Mount the PreView[®] Display



Mounting Location – Inside Operator Cab, typically either Dashboard or A-Pillar

Line of Sight – Display should be mounted in a location where it will be seen through the operators peripheral vision when scanning the left and right mirrors during normal backing operations.

Audible Alert – Display provides both visual LED notification and audible “beep” when an object is detected. Ensure the mounting location will allow the audible alert emitted from the top of the display to be heard by the vehicle operator.

Additional Consideration – When using the PreView System in conjunction with a camera system it is best to mount the PreView Display next to the camera monitor. The audible alert will typically direct the operator to look at the rear view presented on the monitor, allowing a peripheral view of the PreView display as well.

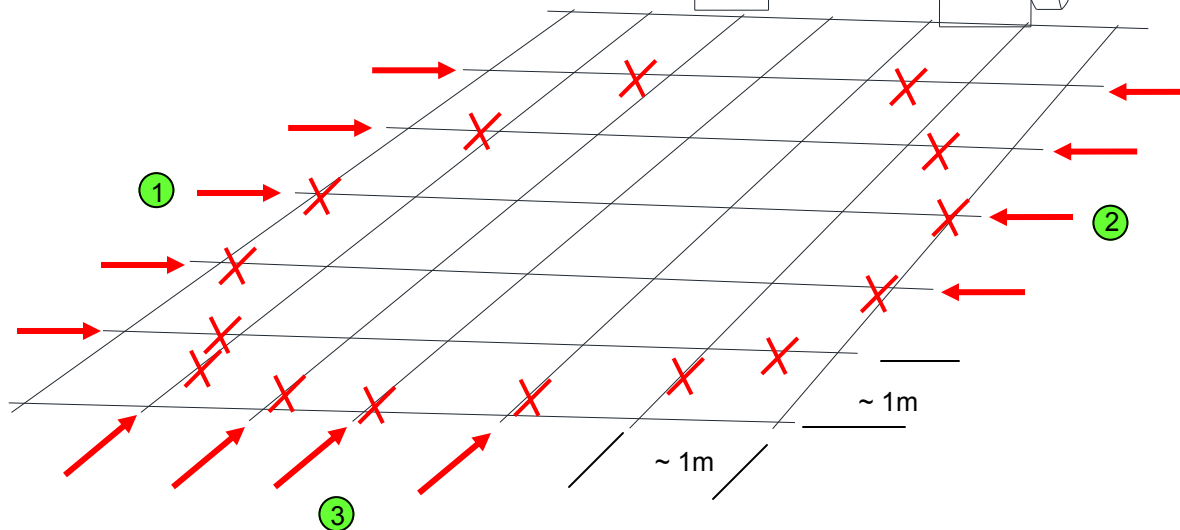
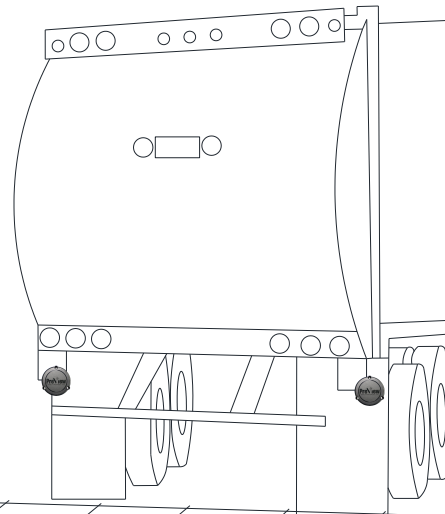


Test PreView[®] System Map Coverage Zone

Before testing the system, make sure the sensors have a clear field of view. This is most important when testing indoors because the system may detect walls, posts, etc.

With the parking brake applied, power up the PreView system by turning the vehicles ignition to “on” and placing the transmission in reverse gear. **(DO NOT START THE ENGINE UNLESS NECESSARY TO ENGAGE REVERSE GEAR)**

Verify the green LED on the display is illuminated and the system indicates NO objects are detected. (All yellow LEDs are off).



Have an assistant test the detection area of a target by walking in the direction of the arrows in approximately 1 meter increments, starting from direction 1, then 2, and finally 3. Place a traffic cone or some other highly visible marker at the first point of detection as indicated on the display in the cab for each arrow direction. Repeat as necessary to confirm accurate target detection.

④ Final detection zone should look similar to the photo shown here.