



BANNER EYES

Emitter: CCS-71559

Receiver: CCS-71740



What are Banner Eyes:

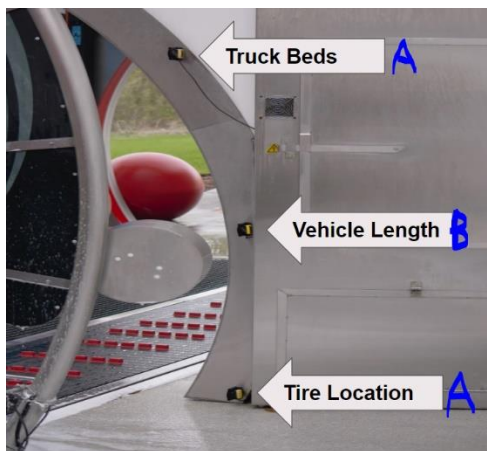
- The banner eyes are a very important sensor in the wash. We use them to locate and measure vehicles, along with locating tires and, determining weather or not a truck is going through the wash. They are also used to keep the garage doors open when something is in the way and for anti-collision.

How does it work:

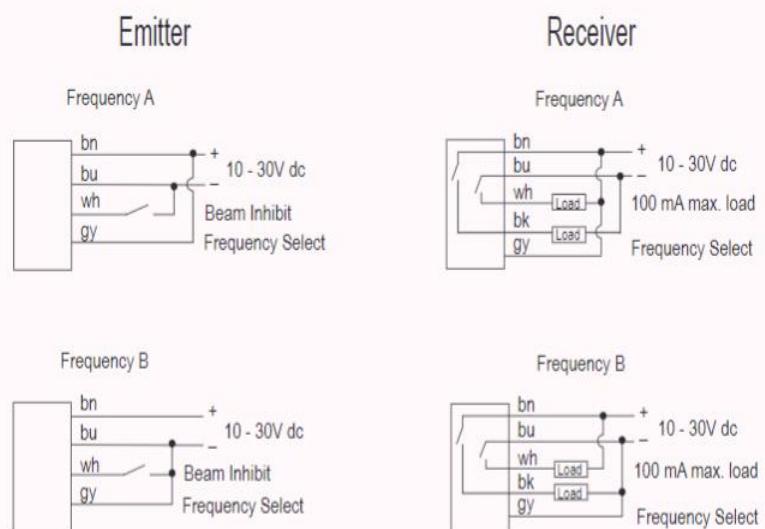
- The banner eyes work by using a beam of light that it sends from the Emitter and then is picked up by the Receiver, when the Receiver stops seeing the light it activates a relay internal to the banner eye, that we use to send a signal back into our controller as an input.

Helpful Hints:

- When using multiple Banner Eyes in close proximity make sure that they are ran on different frequencies on the side of the banner eyes it shows “A” and “B” lights whichever one is lite up is the frequency that it is running. Be sure that the emitter and the receiver frequency’s match. In our wash entrance we have three eyes so from top to bottom we want them to read “ABA” or “BAB” that way they won’t interfere with each other. You change the frequency by changing the way the banner eye is wired (see below).



Example: could also be BAB



- The gate eye in conjunction with the pulse sensor are how we measure and track vehicles through the wash, when the banner eye is blocked, and the PLC see a pulse sensor it starts measuring the vehicles length so that it can turn functions on and off properly.
- The lights on the back of the banner eyes labeled “1,2,3,4” represent the signal strengths (“4” being the highest). If you notice that the signal strength is low, you may have to adjust the positioning of the banner eye or clean the lenses, with a microfiber not abrasive cloth.



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* Prices subject to change without notice and do not include tax, shipping, or installation



Banner World Beam QS30RRX High-Powered Receiver W/6' Cable 10-30VDC



Part Number: CCS-71740

Description: BANNER QS30RRX Receiver High Power Sensor 24vDC

Site Map: Tommy Store > Guardian / Wash Command > Sensors

Price: \$248.00

Detailed Description

WORLD-BEAM QS30 Series: High-Powered Receiver; Range: 213 m; Input: 10-30V dc; Output: DO (Dark Operate) Bipolar: 1 NPN; 1 PNP; 2 m (6.5 ft) Cable

Specifications

- Body Style : Barrel;Right-angle;Side-mount
- Form Factor : Midsize
- Maximum Sensing Range : 50
- Mode Description : Infrared
- Sensing Mode : Opposed
- Sensor Connection : 2m Integral Cable
- Sensor Output Type : Bipolar
- Sensor Power : 10-30 VDC

Banner World Beam QS30EX High-Powered Emitter W/6' Cable 10-30 VDC

Part Number: CCS-71559

Description: Banner 24 vdc QS30EX Emitter Used For Gate Sensor

Site Map: Tommy Store > Guardian / Wash Command > Sensors

Price: \$277.39

Detailed Description

WORLD-BEAM QS30 Series: High-Powered Emitter; Range: 213 m; Input: 10-30V dc; Output: Not applicable

Specifications

- Body Style : Barrel;Right-angle;Side-mount
- Form Factor : Midsize
- Maximum Sensing Range : 50
- Mode Description : Infrared
- Sensing Mode : Opposed
- Sensor Connection : 2m Integral Cable
- Sensor Power : 10-30 VDC

