



An Authorized Reseller and Installer of TailGauge® Products

About the Model A-F Industrial Kit

Model A-F

INDUSTRIAL

Works up to 12' away!
Programmed to identify moving objects more quickly than still ones!



Model A-F speaker
in a vehicle



Model A-F
flush mount sensor

What It Does

The Model A-F Industrial Driver Backup Warning System activates whenever the vehicle is put into reverse gear, so that it automatically monitors what is behind the vehicle as it is backed up, whenever it is backed up. The system's speaker ACTIVELY notifies the driver, audibly notifying them in a human voice of the distance between their vehicle and obstacles behind their vehicle in feet while also providing beeping warning signals to ensure the driver hears the verbal warnings. In other words, this system does not rely on the driver to notice any display or to otherwise notice an obstacle on their own as they backup. The advantage of this technology is that it actively warns the driver, bringing attention to the hazard. This voice and audio warnings increase in intensity as the vehicle gets closer to the obstacle(s).

The Components, Features, Customization and the Voice Warning Technology Included

The Model A-F Industrial system consists of a digital LED display, a primary component box, power cable and four sensors that flush-mount on the vehicle's bumper. It detects objects as far away as 12 feet, unprecedented in the reverse detection industry. The voice warning speaker (VWS) with audio multi-tone assistance beeper (MTA) brings the driver's attention to potential hazards as it identifies objects. An optional 2nd speaker attachment is available as an accessory for this kit. Like all of our industrial systems, this product is very sophisticated, and includes additional circuitry specifically developed to work with the electrical systems of heavy industrial vehicles. In addition, we customize most orders to accommodate specific cable length requirements and other vehicle specific installation needs.



Contents of Model A-F Industrial kit



Close-up of Model A-F Speaker
and volume control module

Smart Sensor Technology Included

All TailGauge driver backup warning systems incorporate specific *Smart Sensor Technology*, ("SST") programming that makes it smart, extremely accurate and very reliable. **This technology provides all TailGauge driver backup warning products the unique ability to be able to identify moving objects differently from still ones while ignoring unimportant items such as trash, leaves and other items that might cause other less sophisticated systems to false.** TailGauge products are the only systems on the market with this feature.

The Model A-F Industrial includes a speaker that warns of objects behind a vehicle using spoken words (a voice speaker). This system does not include an LED display.

How It Helps the Driver

If the processor determines that conditions require the driver to take any precautionary or corrective action, the driver will be ACTIVELY notified both by the audio warning speaker and by audio warning beeps that will sound more and more persistently as the vehicle gets closer and closer to the object. As the vehicle comes within 12" of the object, the audio speaker will say "crash", while the beeper sound will change from multiple beeps to one continuous warning beep until the driver stops the vehicle and takes it out of reverse gear.

Exact Information Provided to You As You Drive

The system looks for obstacles behind the vehicle, and the Voice Warning System announces the distance between the rear bumper and any obstacle detected. Simultaneously, the Multi-Tone Assist ACTIVELY provides a beeping-type warning to draw your attention to the voice warning. As you back up the vehicle and it comes closer to the obstacle(s), the voice calls out the distance between the obstacles and the rear of the vehicle in the following increments: "12 feet, 9 feet, 6 feet, 5 feet, 4 Feet, 3 Feet, 2 Feet, 18 inches, 1 foot." Upon backing up closer than below 12 inches to an obstacle, the Voice Warning System warns you of an imminent crash by saying the word "CRASH!" In addition, the Multi-Tone Assist will increase in intensity as the vehicle moves closer to the obstacle(s) being detected. The system is accurate to within 1 1/2 inches of any object detected. The Model A-F Industrial is very sophisticated, and has been designed to be reliable, accurate, durable and smart.

A Little Bit More about the Technology

This system activates whenever the vehicle is put into reverse gear, so that it automatically monitors what is behind the vehicle whenever it is backed up, and **ACTIVELY** warns the driver whenever it sees something. During operation, ultrasonic signals are generated and transmitted from the system's sensors. Objects behind the vehicle are then detected by these sensors. This information is sent to a microprocessor where it is processed to calculate both the distance or range of the object, and the closing speed between the vehicle and the obstacle(s) in the vehicle's path. The processor automatically and continuously computes this information and transmits it to a voice warning speaker (VWS) and multi-tone audio beeper warning system (Multi-Tone Assist, or MTA), located in the driver's cab area. (This system does not include an LED display.)

The Type of Vehicle to Be Used With

TailGauge makes many different types of backup warning systems. Some are designed for private use, while many of our systems are designed for commercial applications. This specific system is designed for use on Industrial vehicles.

The TailGauge Model A-F is intended for use on industrial vehicles. However, it is not intended for use in situations where the sensors may be obstructed from a clear rear view, or where they might be damaged either by debris from the vehicle or while the vehicle is being loaded or unloaded. Contact us if you have any questions regarding this issue.

Why is our Model A-F better than other flush-mounted sensor systems on the market?

Although there are other back-up warning systems on the market, the TailGauge Model A-F Industrial system is a better product. The following explains why:

1. Like all TailGauge Industrial systems, this product is designed to work on industrial/commercial equipment. There are very few driver backup safety systems on the market that are designed for anything other than passenger cars.
2. The Model A-F is able to detect obstacles up to 12 feet away. No other flush-mount sensor system can detect an obstacle farther than 7 feet away. This added distance provides unparalleled protection.
3. Unlike other audio alert flush-mounted systems that only beep at the driver as obstacles are detected, the TailGauge Model A-F Industrial warns the driver using BOTH a multi-tone beep system AND a voice speaker system that together inform the driver of how far away they are from an obstacle without having the driver look at a display. This duo warning system provides reliable and detailed information that is hard to miss.