



SEATBELT WARNING SYSTEM

SECURING PASSENGERS | PROVIDING SAFE TRAVEL | REDUCING RISK

MAX·SAFE  | MAXIMUM SAFETY
MADE BY **SGESC**  **MAX**





SEATBELT WARNING SYSTEM

The MAX-SAFE Seatbelt Warning System™ is a commercial grade solution that is reliable and robust.

OVERVIEW

Seatbelts save lives and reduce injuries. The challenge is knowing if passengers have buckled themselves in, and stay buckled in for the entire journey.

When travelling in a vehicle it is hard to check on children, and the chaos of a school bus only amplifies the chance of them being unbuckled. The driver has a big enough job focusing on driving; the added pressure of ensuring everybody is buckled in is too distracting.

The **MAX-SAFE Seatbelt Warning System™** solves this challenge. The system does all the checking and notifies the driver if there are any unbuckled occupants, with an easy-to-read display that makes it quick to assess any situation.

The solution is designed to be retrofitted to bus fleets of all industries, ages, or sizes, and can be tailored to notify both the driver and passenger via audible alarms and warning lights.

The system has been developed with advanced logic and inbuilt redundancy measures to ensure accuracy.

In an instant, the driver has the information at hand to know how many seatbelts aren't buckled in, with details of any unsafe occupants provided.

The **MAX-SAFE Seatbelt Warning System™** is part of the **MAX-SAFE Safety Eco-System**, designed to safeguard people, vehicles, and equipment.

MAX-SAFE Universal Buckle

The MAX-SAFE Universal Buckle makes it easy to install the MAX-SAFE Seatbelt Warning System™ into any vehicle type. It accepts all seatbelt tongue types, and can be installed at a range of heights to suit any specific vehicle's seats.

FEATURES

- ◆ ADR CYCLE TESTED.
- ◆ ROBUST design.

BENEFITS

- ◆ Suitable for ANY BELT TYPE.
- ◆ EASY TO INSTALL.
- ◆ Meets AUSTRALIAN STANDARDS.
- ◆ MORE RELIABLE than alternate buckle styles.

BENEFITS

- ◆ LESS DISTRACTIONS for the driver.
- ◆ Both VISUAL AND AUDIBLE WARNING SIGNAL options provided for both the driver and passengers.
- ◆ Robust commercial grade solution for TOP PERFORMANCE.
- ◆ Advanced logic with SELF-TESTING ALGORITHMS ensuring system accuracy.
- ◆ Redundancy built-in for RELIABILITY.
- ◆ A SAFER JOURNEY, with peace of mind for the operator.
- ◆ Optional AUDIO ANNOUNCER plug-in.
- ◆ Part of the MAX-SAFE SAFETY ECO-SYSTEM.



DRIVER DISPLAY SYSTEM



UNBUCKLED PASSENGER COUNT DISPLAY makes the driver aware of how many passengers aren't buckled in, and where they are located within the vehicle.



A POSITIVE SYSTEM RESULT shows all passengers are seated and buckled, so the driver know knows they can begin the route.

EXAMPLE CONFIGURATION

Seat layout with seatbelt dynamic pressure sensor and display units as indicated.



INDICATES DISPLAY LOCATION ON LOWER DASH.



INDICATES NODE LOCATION UNDER PASSENGER SEATS.



HOW IT WORKS

PASSENGERS BUCKLE IN, DRIVER WARNED OF ANY ISSUES

VEHICLE MOVING; DRIVER AND PASSENGER ALERTED SHOULD ANY PASSENGER UNBUCKLE



PASSENGERS BOARD

DRIVER CHECKS ALL PASSENGERS ARE SECURE

PASSENGERS DELIVERED SAFELY



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MAX-SAFE Support Assistance



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MADE BY **SGESCO**  **MAX**

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- ◆ MAX-SAFE Maximum Safety®
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