



STOCKHOLMS TRAFIKSÄKERHETSCENTER

Autonomous Driving

How does modern car systems really work? We help human drivers understand the systems function, significance and delimitation in the driver's situations. The active driving, and passive driving systems are becoming increasingly important in terms of car safety and they are more common today through the development of new car models. We show the systems limitations and features. We customize the content of the course depending on the type of car you drive and the driver systems that are in operation.

Introduction

Review of the objectives and purpose of the course, the program of the day.

Purpose

To practically test and learn more about safety system in vehicles of today. As well as theoretically discuss the systems advantages, limitations and risks with different driver systems.

Implementation

UWe help your employees understand what autonomous driving systems your business has in the vehicles and how they work. Theory is varied with practical exercises. *The content is adapted to your needs and wishes, why the below should only be seen as examples.*

We Will Address:

- ABS, evasive manoeuvres while braking and how to brake in curves.
- ESP, Electronic Stability Program and TCS, Traction Control System
- AEB City -Automatic Emergency Braking system in city traffic.
- LDW - Lane departure warning system and LKW, Lane Keeping Aid, warning systems that warns of sound / light / vibration and actively controls the vehicle.
- Autonomous parking control is tested practically.
- Adaptive cruise control. Helps the driver to keep safer distance to car in front of your own vehicle.
- BUS, Blind Spot Information System "Vehicle Blind Spot" We demonstrate how the system works.
- Pre-crash assist. An active crash protection system.
- Emergency assistance. Automatic Emergency System that takes over when the cruise control is activated, and the driver is out of control.

At the End of The Day

We summarize the day and all participants receive a certificate of participation.

Time schedule: 4 hours.

Number of participants: 4-8 persons.

Price: Request separate quote.

Practical: Combine with coffee and sandwiches or lunch.

Prerequisites: The vehicles used must be equipped with one or more safety systems. Prior to planning the course, we need you to inform us of what vehicles you want to use. The course can be adapted for vehicles of the highest autonomous driver level 3 according to "International Driving Automation for On-Road Vehicles".