

"I would love it if you feel **(1) so / such** confident in a car that you don't have to think about safety at all," says Malin Ekholm. **(2) Considered / Considering** that Malin is vice president of the Volvo Cars Safety Centre, this seems like an odd thing for her **(3) saying / to say**. But **(4) because / as** someone who works in a department with a far-reaching influence throughout the company, she believes that safety is much more than just technology. **(5) Instead / Thus**, she says, it's about a feeling – a state of mind. "Take our seats **(6) as / for** an example. Our ergonomics team **(7) started / starts** by asking how can we make the most comfortable seat possible," explains Malin. "Because **(8) only when / even if** you're sitting comfortably, you choose to wear your seat belt. This is where safety starts – understanding what your needs are and designing safety technology **(9) below / around** that." She believes that making people **(10) feel / to feel** comfortable and in control in their car is safety. "Safety gives you confidence, and when you are confident, you are able to interact **(11) with / in** the car better. And then, when we add **(12a) convenience / permanence**, you have a car that **(12b) designs / works** for you."

**(13a) As / For** an example, Malin talks about preparing for a journey **(13b) while / before** you even get in the car. **(14) Into / With** the On Call app, you can send your calendar to your car's navigation. It means your car **(15) will know / would know** where to go as well as the estimated duration to get there, even before you are sitting **(16) in / at** the steering wheel. And, **(17) will / should** you be unlucky enough to be in a collision, On Call even supports you by alerting the emergency services. "It's all about taking the stress and **(18) strain / relief** out of the everyday car experience by providing that sense of control, confidence and support that customers are looking for," she says.

The influence of safety is felt in every aspect of the car – from how it is designed, how predictable it feels when you drive and even **(19) to / on** the way you access and play your music. "The car should support the driver and help them focus on driving," **(20) explains / explained** Malin. That's why the safety team works closely with other teams. Take vehicle dynamics, **for** instance – when you feel in control, you're more relaxed, **(21) in turn / in short**, when you're more relaxed, your mind is sharper.

So, what's the secret to Volvo Cars' work? Research and data – lots of it – and a deep understanding **(22a) at / of** the journeys people take in their cars. It all starts **(22b) with / by** real world data collection. Since 1970, an accident research team **(23) has based / has been based** in the Volvo Cars Safety Centre at its Gothenburg HQ.(headquarters). They're **(24) on / at** standby, 24/7, to travel to any accident involving a Volvo car within a one-hour drive. They **(25) undermine / undertake** deep investigations at the scene, recording the chain of events, road conditions, traffic situation, time of day and any possible injuries that **(25) may have occurred / must have occurred**. It means that they can paint a highly detailed picture of real life accidents and use these learnings **(26) to inform / informing** their development of future models. "By **(27) taking up / carrying out** so much research, we can design safety and usability around people," declares Malin.

Of course, the company, like its many competitors, takes a global view, **(28) studying / studied** statistics from around the world and collaborating with authorities. "We **(29) may / need to** understand the global picture. And then when we find a global situation **(29b) to address / addressing**, we can go into our detailed research," Malin adds. It's this approach – studying the biomechanics and human behavioural aspects, asking what's putting people in danger, what types of accidents they are having – that's the basis **(30) on / for** ceaseless innovation within safety. Knowledge will help make our roads safer, for all.

Malin Ekholm highlights three key safety innovations in the V60.

#### City Safety

City Safety identifies other vehicles, pedestrians, cyclists and large animals ahead of you – even at night. It warns you of any hazards and, if you don't react, will brake automatically to help avoid or **(1) mitigate / deter** a collision. It can also help you steer around **(2) challenges / obstacles** in the road and avoid oncoming vehicles. And there's a new City Safety feature in the V60 called oncoming mitigation by braking, a world-first innovation that helps **(3) prevent / preventing** unavoidable collisions by automatically braking when another vehicle is driving **(4) by / on** the wrong side of the road and heading towards your car.

#### Run-off road Mitigation

Run-off road Mitigation helps **(5) keeping / to keep** you safe by keeping you on the road. If this innovation detects you are about **(6) leaving / to leave** the road unintentionally, it uses steering input and, if necessary, brake support to guide you back **(7) on / at** track.

#### Cross Traffic Alert with auto brake

When you leave a parking space, Cross Traffic Alert helps you to avoid a collision when you reverse out. It warns you **(8) of / from** vehicles, pedestrians and cyclists approaching from either side and will even brake for you if it detects an **(9) instantaneous / imminent** collision.

Volvo key 1:

- (1) so
- (2) Considering
- (3) to say
- (4) as
- (5) Instead,
- (6) as
- (7) starts
- (8) only when
- (9) around
- (10) feel
- (11) with
- (12) a. convenience b. works
- (13) a. as b. before
- (14) With
- (15) will know
- (16) at
- (17) should
- (18) strain
- (19) to
- (20) explains
- (21) in turn
- (22) a. of b. with
- (23) has been based
- (24) on
- (25) undertake
- (25) may have occurred
- (26) to inform
- (27) carrying out
- (28) studying
- (29) a. need to b. to address
- (30) for

Volvo key 2:

- (1) mitigate
- (2) obstacles
- (3) prevent
- (4) on
- (5) to keep
- (6) to leave
- (7) on
- (8) of
- (9) imminent