



Media Release

EMBARGOED UNTIL: 12pm, Wednesday 12 September 2018 (AWST)

Australia's first on-demand, automated vehicle — the RAC Intellicar — arrives in Perth

Perth is now home to one of the world's first driverless, on-demand vehicles, after the official unveiling of the RAC Intellicar earlier today.

Designed as a shared mobility service, the RAC Intellicar will become the newest addition to RAC's automated vehicle program, supported by the State Government and vehicle manufacturer, NAVYA.

RAC Group CEO, Terry Agnew, said the arrival of the prototype vehicle was a significant transportation milestone for both Western Australia and Australia.

"How we move around is rapidly evolving and being able to test emerging vehicle technologies right here in WA will help us adapt to these changes in the safest way possible," Mr Agnew said.

"Human error is the cause of the vast majority of road deaths and serious injuries, so if we can help WA and Australia safely transition to driverless vehicles sooner, hundreds of Australian lives could be saved.

"Every year, the cars we drive are becoming increasingly automated, and the adoption of these new technologies by manufacturers is only accelerating.

"Over coming years, vehicle automation will become more prolific within our transport network, which is why it's critical we conduct trials like these to better understand the potential impacts and opportunities.

"Providing a way for our members and the community to get involved is central to our trials, and the feedback we've gathered from participants since starting this journey with the RAC Intellibus® in 2015 has been very insightful.

"Having a robust understanding of the technology and what it means for WA will help develop a roadmap for the safe transition to our driverless future."

NAVYA CEO, Christophe Sapet, said "Australia is a strategic place to test, showcase and deploy new technologies in the region. The government's, as well as RAC's, enthusiasm for new vehicle technology, innovation and the need to make smart mobility solutions readily available to the community in this part of the world has led us to confirm one of our trials here in Western Australia."

RAC expects to take delivery of additional Intellicars later this year. Over coming months RAC will work with the State Government to identify potential trial locations, with public trials planned for 2019.

For further information, visit rac.com.au/intellicar

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BACKGROUND

The RAC Intellicar

Perth is one of the first three cities globally to have access to these first-production vehicles, which have been developed by NAVYA - the manufacturer of the two RAC driverless shuttle buses, currently being trialled in South Perth.

The vehicles can carry up to six passengers each and have a maximum operating speed of 90km/hr with a likely recommended operating speed of 20 to 50km/h during the trial.

The vehicles are fitted with the latest state-of-the-art multi-sensor technology, including 10 LIDARS, four radars, six cameras and Odometry, all providing the vehicles with 3D perception that allows them to map the environment, detect obstacles and make decisions which allow them to operate autonomously. The cars also feature two Global Navigation Satellite System (GNSS) antennae to determine the precise position of the vehicle at any given time and are linked to a supervision service.

[Download full fact sheet.](#)

The details of the trial are currently in development and RAC is working through the necessary approval processes with Government. Further information will be announced in coming months.

www.rac.com.au/intellicar

The RAC Intellibus

Since 2015, RAC has been working to test and evaluate a fully autonomous, electric shuttle bus and on the 31st August 2016, with the support from the WA Government and the City of South Perth, we launched our Automated Vehicle Trial on public roads.

To date we have had more than 14,000 people book a ride and many more stopping to observe and take a photo. The RAC Intellibus® has recently celebrated its second birthday, has completed more than 15,000km in driverless mode and has completed more than 4,000 thirty minute rides.

[Download full fact sheet.](#)

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