

Toyota Australia

# Engine Plant Renewal Project

## Project overview - March 2011

Toyota Australia seeks to enrich the community, its partners and the environment through the development of vehicles that lead the times. With a presence in Australia since 1959, Toyota has grown into a globally competitive company that is recognised internationally for its quality vehicles.

More than 3,300 employees work at Toyota Australia's manufacturing plant in Altona helping to build approximately 100,000 Camry, Hybrid Camry and V6 Aurion vehicles each year.

Toyota has a long-term commitment to producing vehicles that deliver driving pleasure, performance, fuel economy and low emissions.

Last year, Toyota Australia launched Australia's first locally built hybrid vehicle, the Hybrid Camry. It was the most significant entry into the Australian automotive market in more than a quarter of a century and a breakthrough car for Toyota, the future of motoring and for Australia.

In the future, Toyota plans to offer a hybrid version of every model across its vehicle range and in Australia the range will continue to grow.

Consistent with this direction, in September 2010 Toyota Australia announced that it would begin manufacturing more fuel efficient engines for the locally built Camry and Hybrid Camry sedans from late 2012.



## Project description

In preparation, Toyota Australia will renew the existing Altona engine plant and install energy efficient manufacturing equipment. Works will begin in August and are expected to be completed by late January 2012.

The existing engine plant at Toyota Australia's Altona manufacturing plant commenced in 1978. To build the new generation engines, Toyota Australia must design and develop a Global Engine Line. This new engine line represents a shift to leading edge and environmentally sustainable engine manufacturing technology.

The Engine Plant Renewal Project has four stages.

### [ 1 ] Design

The design stage involves designing the new state-of-the-art engine plant and layout, confirming manufacturing equipment needed and conducting environmental risk assessments that meet EPA Victoria guidelines. This stage is currently underway and is expected to be completed by late June 2011. Key design features of the new engine plant include reduced odour emissions and improved energy, water air and waste performance.

### [ 2 ] Installation

During this stage the existing engine plant will be refitted for the new engine production. This is scheduled to occur from August 2011 to late January 2012 and will involve the removal of manufacturing equipment to make way for new technology. Foundation works are required for the new engine machining lines.

Toyota Australia minimises and manages the environmental impact of its operations at all its sites and will remediate the soil removed from the Altona engine plant site in accordance with EPA Victoria policy.

During the installation stage, the local community can expect to see increased truck traffic and noise along Doherty's Road and Grieve Parade. To protect the surrounding community from noise and vibration impacts caused by installation activities, Toyota Australia will:

- adhere to its site noise policy,
- schedule noise-generating activities within normal working hours wherever possible,
- where practicable, arranging loading activities to avoid reversing, reducing the use of reversing beepers,
- schedule engine plant dismantling activities within plant working hours wherever possible.

### [ 3 ] Commissioning

During the commissioning stage the new equipment will be tested and evaluated, including its environmental performance. This is scheduled to occur from January 2012 till the end of March.

### [ 4 ] Trials

From April 2012 till the end of September Toyota Australia will conduct low volume engine production trials to fine tune the new engine production line in readiness for full scale production in October 2012.

## Contact

### Toyota Australia Engine Plant Renewal Project

For more information, contact the project team:

Name: Malcolm Tucker  
Tel: 8369 7071  
Email: malcolm.tucker@toyota.com.au  
Post: 494 Grieve Parade, Altona North, VIC 3025

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