



OPERATIONAL CIRCULAR 19/2020

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Hydrogen Fuel Cell Vehicle Trials

Key Message

Toyota will be trialling hydrogen fuel cell vehicles. Crews are to follow existing hybrid vehicle and liquefied petroleum gas (LPG) procedures when responding to an incident involving these vehicles.

What is happening?

Toyota Australia are finalising arrangements to trial four hydrogen fuel cell vehicles around Perth. These vehicles are a Toyota Mirai and will contain compressed hydrogen tanks along with high voltage electrical components. Part of the trial is development of hydrogen refuelling infrastructure including a mobile refuelling vehicle. The trial will run for a yet to be finalised period.

How can I identify a Hydrogen Fuel Cell Trial Vehicle?

License plates will display an electrical vehicle and compressed hydrogen diamond. In addition marketing decals will be displayed identifying the vehicles as a fuel cell vehicle.



What actions do I need to take?

If you encounter an incident involving one of these fuel cell vehicles follow existing procedures for hybrid vehicles and LPG, as outlined in the Road Crash Rescue – Student Resource manual. Specific responder information for the Toyota Mirai is detailed in the [Toyota Motor Corporation – Emergency Response Guide](#).

Incidents involving refuelling infrastructure and the mobile refuelling vehicle are to be treated as a HAZMAT incident.

For further information please contact the Rescue Branch on 9395 3883 or rescue@dfes.wa.gov.au.

CRAIG WATERS
DEPUTY COMMISSIONER OPERATIONS

Link

Toyota Motor Corporation – Emergency Response Guide
http://static.toyotamanuals.com.au.s3.amazonaws.com/docs/emergency_response_guide/emergency_response_guide-toyota.pdf

Target Audience: Firefighters				
A	B	C	D	Vol
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