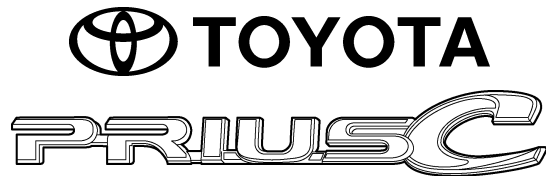


Toyota Prius 2012 Model Emergency Respose Guide

Full download: <http://manualplace.com/download/toyota-prius-2012-model-emergency-respose-guide/>



Hybrid 2012 Model *Emergency Response Guide*



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12 Toyota PRIUS c ERG REV – (22/12/11)

Foreword

In January 2012, Toyota released the 2012 PRIUS c gasoline-electric hybrid vehicle in North America. To educate and assist emergency responders in the safe handling of the PRIUS c hybrid technology, Toyota published this PRIUS c Emergency Response Guide.

High voltage electricity powers the electric motor, generator, air conditioning compressor and inverter/converter. All other automotive electrical devices such as the headlights, radio, and gauges are powered from a separate 12 Volt auxiliary battery. Numerous safeguards have been designed into the PRIUS c to help ensure the high voltage, approximately 144 Volt, Nickel Metal Hydride (NiMH) Hybrid Vehicle (HV) battery pack is kept safe and secure in an accident.

The PRIUS c utilizes the following electrical systems:

- Maximum 520 Volts AC
- Nominal 144 Volts DC
- Maximum 27 Volts AC
- Nominal 12 Volts DC

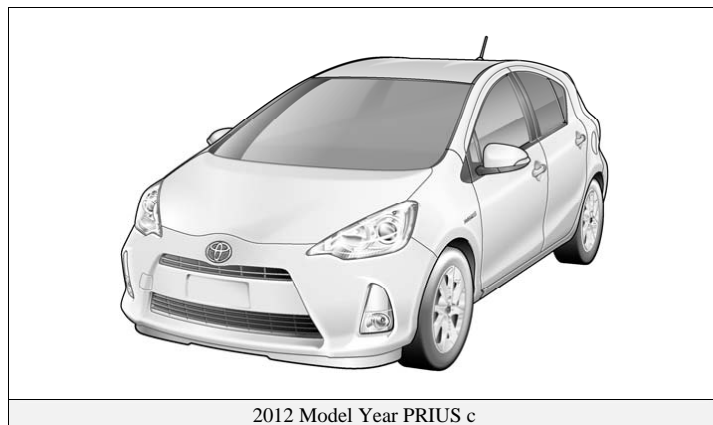
PRIUS c Features:

- A boost converter in the inverter/converter that boosts the available voltage to the electric motor to 520 Volts.
- A high voltage Hybrid Vehicle (HV) battery pack rated at 144 Volts.
- A high voltage motor driven Air Conditioning (A/C) compressor rated at 144 Volts.
- A body electrical system rated at 12 Volts, negative chassis ground.
- Supplemental Restraint System (SRS) - dual stage frontal airbags, a driver knee airbag, front seat side airbags, front seat cushion airbags, side curtain airbags and front seat belt pretensioners.
- An Electric Power Steering (EPS) assist motor rated at 27 Volts.

High voltage electrical safety remains an important factor in the emergency handling of the PRIUS c Hybrid Synergy Drive. It is important to recognize and understand the disabling procedures and warnings throughout the guide.

Additional topics in the guide include:

- PRIUS c identification.
- Major Hybrid Synergy Drive component locations and descriptions.
- Extrication, fire, recovery, and additional emergency response information.
- Roadside assistance information.



2012 Model Year PRIUS c

This guide is intended to assist emergency responders in the safe handling of a PRIUS c vehicle during an incident.

NOTE:

Emergency Response Guides for Toyota hybrid vehicles may be viewed at <http://techinfo.toyota.com>.

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