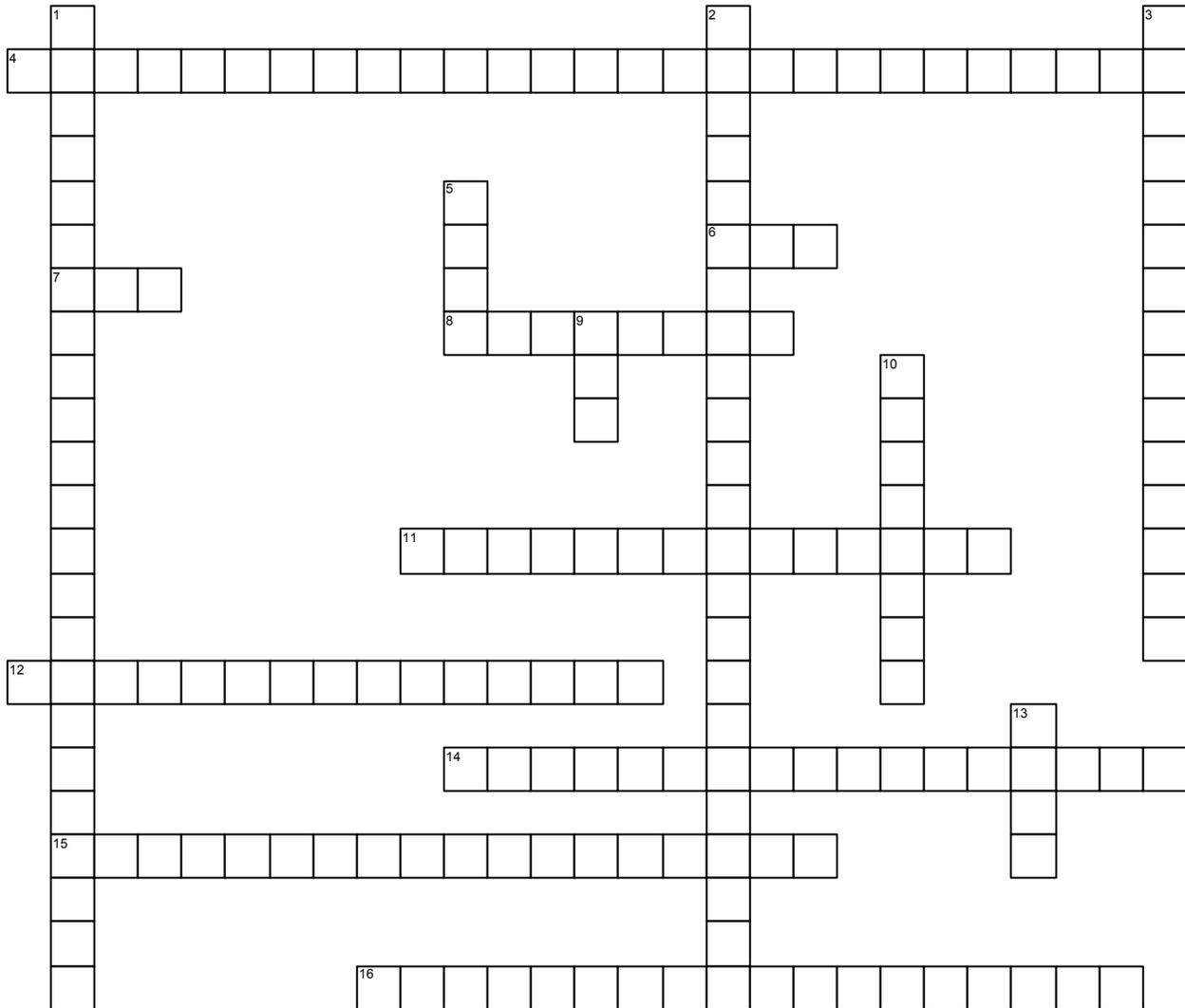


Toyota/Lexus Hybrid Vehicles

Chapter 14



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ACROSS

- 4 The _____ can be used to identify a Toyota HEV.
- 6 The _____ system translates brake pedal stroke speed and pressure, and generates the precise amount of combined electric regeneration and hydraulic pressure needed for almost any driving condition.
- 7 Revised calibrations to the _____ system is one of the revisions used in the RX400h to promote smooth integration with the hybrid system.
- 8 Control of the motor-generators in the Toyota Hybrid System is accomplished using the _____ assembly located in the ICE compartment.
- 11 Higher voltages are generated using a _____ in the inverter assembly.
- 12 A first-generation Prius battery pack contains 38 modules, wiring, a _____, computer, a manual disconnect service plug, and a strong metal box to contain everything.
- 14 Prius was the world's first mass-production HEV and was designed with a very low _____.
- 15 The _____, as used in the 1st generation Prius, consists of one planetary gearset and two electric machines.
- 16 The second-generation Prius was equipped with _____, also known as the THS II.

DOWN

- 1 The RX 400h incorporates antilock braking system as well as _____ and TRAC.
- 2 Toyota high-voltage battery packs have a special wiring harness that allows measurement of the voltage available across pairs of battery modules, they can be read as _____ on a scan tool.
- 3 The RX 400h incorporates antilock braking system as well as VCS and _____.
- 5 Revised calibrations to the _____ system is one of the revisions used in the RX400h to promote smooth integration with the hybrid system.
- 9 The _____ uses a brushless DC motor and gear reduction system built into the steering gear housing to provide steering assist.
- 10 Some vehicle manufacturers use an ignition key that is simply a short range radio transmitter, called a _____.
- 13 With the RX 400h, Lexus also has a new generation of vehicle stability control systems known as _____.