


33 HYBRID ELECTRIC VEHICLES


FIGURE 33.3 Look for an emblem that says "Hybrid" on the front, side, or rear of the vehicle.



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FIGURE 33.4 Orange-colored cable under the hood means that the vehicle is a hybrid or an electric vehicle that uses high-voltage components and circuits.



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FIGURE 33.5 The service plug on a Toyota Prius, which is located in the trunk and is orange in color. Toyota recommends that the technician wear high-voltage gloves when removing the disconnect plug.



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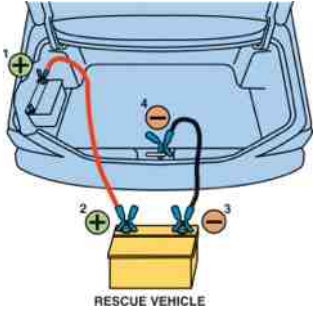
FIGURE 33.6 If the "Ready" light is on, then the gasoline engine can start at any time and the vehicle can be driven in electric mode for a short distance and limited speed.



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FIGURE 33.7 Jump-starting a 2001–2003 Toyota Prius using a 12-volt supply to boost the 12-volt auxiliary battery in the trunk.



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FIGURE 33.8 The high-voltage wiring on this Honda hybrid is colored orange for easy identification.



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FIGURE 33.9 Always use the specified viscosity of oil in a hybrid electric vehicle not only for best fuel economy but also because of the need for fast lubrication due to the engine (idle) stop feature.



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FIGURE 33.10 This 12-volt battery under the hood on a Ford Fusion hybrid is a flooded cell-type auxiliary battery.



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