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10 A Look At Automotive On-Board Diagnostics

Your car's electronic control unit (ECU) accepts data from an array of sensors to control the ignition timing, fuel injectors and EGR valves. It also provides helpful diagnostic codes when things go wrong – by John Clarke

18 Saving The Whales With The Aussie Pinger

Dubbed the "Pinger", this innovative Australian device could hold the key to keeping dolphins, porpoises, whales and other marine mammals away from commercial fishing nets – by Ross Tester

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It's designed for measuring almost any kind of passive component (L, C or R) quickly, easily and accurately and boasts a range of features – by Jim Rowe

Projects To Build

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Build this on-board diagnostics (OBD) interface and read fault codes and other data in your car's engine control module (ECU) – by John Clarke

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Build this simple add-on board for the WIB (Web Server In A Box) and display the time and date on a 4-digit LED readout. It never needs adjusting and can automatically adjust for daylight saving time – by Mauro Grassi

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Main functions, installing the software drivers and installing and using navigation software – by Geoff. Graham

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