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 PCB. It is possible to re-
 program the ECU by

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 by replacing chips. All the
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 inputs by the way of
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 ECU. The ECU, in turn,
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 variable valve timing etc.
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 The sensor consists of a
 piezoresistive silicon chip
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 other side. When pressure
 in the intake ENGINE
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 The input phase of
 electronic control allow
 the Electronic Control Unit
 (ECU) to monitor engine
 operating conditions,
 utilizing information from
 the input sensors. • The
 process phase of
 electronic control requires
 the ECU to use this input

information to make operating decisions about the fuel and spark advance systems. ENGINE CONTROLS - INPUT SENSORS Overview number of input sensors. Here are just a few: Mass airflow sensor - Tells the ECU the mass of air entering the engine Engine Controls Input Sensors Overview absolute pressure, a function of engine load. The sensor consists of a piezoresistive silicon chip and an Integrated Circuit (IC). A perfect vacuum is Engine Controls Input

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Overview data to the
vehicle's powertrain

control module. The first

is known as the input

shaft speed (ISS) sensor.

As described, this sensor

is used to monitor the

speed of the

transmission's input shaft.

The other sensor is the

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 utilizing information from
 the input sensors. • The
 process phase of

electronic control requires
 the ECU to use this input
 information to make
 operating decisions about
 the fuel and spark
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