

INSTALLATION INSTRUCTIONS

102010 AUDIBLE KNOCK DETECTOR MODULE

GN/Type: Remove the plastic fastener that attaches the passenger kick panel lower edge. Grasp the panel and pull firmly. This dislodges the latch that holds the panel to the chassis. Remove the top cover by pulling the plastic fastener out. Now, slip the ECM out of its location in the panel assembly.

Turbo TA: The ECM is located directly behind the "20th. Anniversary T/A" badge on the map pocket, passenger side. Remove the insulated panel directly under the dash, then look straight up. Remove the two screws securing the ECM holder, then drop straight down to access the wiring.

Looking at the ECM, remove the smaller of the two plugs from its connector by pressing ('87-'89) or pulling ('86) the lock tab and pulling the plug away from the ECM. Look carefully at this connector, referring to the diagram below. Locate the wire at the B7 terminal YELLOW/BLACK STRIPE). Strip back about 1/2 inch of insulation from this wire, about two inches away from the connector. You may need to peel back some of the tape wrapped around the wires. You will connect the Yellow/Black Stripe wire from the audible unit to this wire.

Next, attach the Black/White stripe wire from the audible unit to a suitable ground. Any chassis ground will work. Finally, attach the Pink/Black stripe wire to a SWITCHED positive at the fuse panel. The ideal wire will be an ACCY feed; this feed shuts off during cranking of the engine (similar to a Radio Feed). Use 18 gage wire to attach this feed to the audible unit wire.

TO TEST: With the keyswitch turned on (engine NOT running), use a long screwdriver or 3/8 in. square extension to "rap" at the base of the knock sensor (located at the rear of the engine, under the coil module on the 86-89 cars). You are trying to simulate a loud knock at the sensor. By repeatedly rapping on the engine block casting at the base of the sensor, you should be able to set the audible detector off.

Re-install the plug into the ECM, then place all parts back to complete installation. The AD-1 can be left hanging near the wire connector and will still be very audible. Whenever you drive your car, the audible indicator is on "standby", and will beep only when you should be concerned with detonation. Light detonation due to normal acceleration or engine load between gear changes normally will not set the alarm off, and you should not be concerned when there is no audible indication. If the detonation is severe, you will hear a long (1/2 sec.) tone, if detonation is moderate, you will hear a shorter (1/4 sec.) tone. A short beep is acceptable as it indicates only moderate detonation with little corresponding timing pull. © 1997 Casper's Electronics, Inc.

