

# A U T O T E C H

## Installation Instructions

*sport tuning*

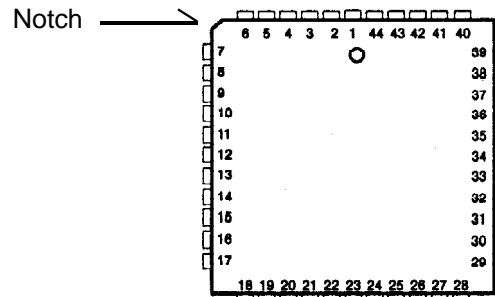
**Part Number:** 10.215.352xx,10.215.362xx

**Description:** Autotech Q-Chip, OBD II Models

Thank you for purchasing an Autotech Q-chip. Please read the installation procedure listed below as it will save you time (and possibly parts) in the long run. After installation...enjoy!

**Caution!** Be aware that E-PROM's are static-sensitive devices, and so are the chips in your control unit. Avoid replacing chips in high static areas, and avoid touching the pins of any integrated circuit / E-PROM.

1. Open hood and remove the rubber seal laying on the top edge of the firewall. Remove the plastic raintray and locate the control unit. It is located on the passenger side of the car.
2. Remove the harness connector by pulling the black tab parallel to the connector. This will push the entire connector out as it rides on pins on the ECU. Remove the 10mm nut(s) holding the control unit frame to the body of the car. Remove the frame/ECU assembly from the car. Note: Passat models will need to remove the factory pollen filter prior to removing the frame/ECU assembly. Simply remove the filter, slide back the plastic retaining clips, and lift off the whole filter base. Separate the control unit from the frame by removing the large Phillips head screws holding the control unit to the frame and slide the control unit from the frame.
3. To open the control unit, use a Torx driver (usually a T-15) to remove the four screws at the connector end, and carefully slide the electrical section out from the black outer casing.
4. Examine the chips on the board. The chip that you will be replacing will be the only one set into a socket, which is usually brown in color. If you do not see any socketed chips, call Autotech before proceeding any further.
5. Before removing the stock chip, take note of the location of the flat corner of the stock chip and its corresponding corner in the socket. Insert a thin, pointed instrument into the diagonal slots of the socket and gently pry the chip out of the socket, switching ends until the chip is completely removed.



6. Lightly insert the Q-chip into the socket and double-check that the flat corner on the Q-Chip lines up with the arrow on the socket. Gently place it all the way into the socket while ensuring that all the pins are going smoothly into the socket slots. Reverse the control unit opening and removal steps listed above to finish your installation.

**Notes:** The Autotech Q-chip is designed to operate within factory idle mixture settings, and with all emissions-related parts functioning and in place. No further adjustment is necessary.

Fuel with an octane rating of 92 or higher is recommended.

You may notice a slightly rough idle when the Q-chip has first been installed. This is a normal characteristic after changing chips. A short drive will provide new adaptive memory information, and will smooth out the idle.