

LOCATING THE MOTRONIC (DME) UNIT:

The Motronic (DME) is an unpolished silver metal box approximately 18cm x 16cm x 4cm (6"x5"x2") labeled "MOTRONIC" either embossed or with a sticker.

Location of the Motronic for varying models:

PORSCHE 911 3.2L - Under the driver's seat, remove the floor mat to locate it.

PORSCHE 944 TURBO - In the passenger's side foot well.

PORSCHE 944/S/2 - Under the steering column.

TOOLS NEEDED FOR REMOVAL:

Small Ratchet, Phillips Head Screwdriver, Small Flat Head Screwdriver.

911 3.2L - 10 mm socket

944 Turbo - 7mm socket

944/S/2 - 8 mm socket

REMOVING THE MOTRONIC (DME) UNIT:

911 3.2L:

1. Slide the driver's seat back all the way back and up (if possible). Remove the floor mat.
2. Loosen the 4 nuts attached (10 mm).
3. Slide the Motronic slightly forward.
4. Remove the wiring harness connector by removing the retaining bracket (held in by a 10 mm washer and nut).
5. Remove the nuts and lift the unit off of the studs.

Porsche 944 Turbo:

1. Remove the carpet in the passenger's foot well. Remove the underlying plywood board, which is mounted with 4 screws.
2. Unscrew the frame that holds the Motronic, (2 Phillips head screws and 2 plastic screws).
3. Unscrew the 3 Phillips head screws that hold the Motronic in the frame.
4. The KLR-ignition is the smaller box to the right of the Motronic. Unscrew the hose with a 7mm wrench. Then lift out the unit.

Porsche 944/S/2:

1. Unscrew the 4 - 8mm nuts to remove the Motronic from under the steering column.

OPENING THE MOTRONIC (DME):

1. Using a Small Flat Head Screwdriver, straighten the 10 metal tabs on the back of the Motronic.
2. Remove the cover and the white plastic insulating sheet.
3. With your Small Flat Head Screwdriver, CAREFULLY unsnap the male / female connector posts and separate the two boards (Refer to Picture 1 Below). Be careful not to flex and break the corners of the board, so firmly hold the middle of the board.

Please Note: If your board is glued to the connector block, gently pry the glue away and wiggle the board to release.

4. Gently open the boards like a book.
5. Locate the socketed chip that has a silver foil sticker (#'s – 126735...) and is more raised than the others. (Refer to Picture 2 Below).
6. Note the installation position (notch in the chip's front). You must replace the FVD chip with the same orientation!! (Might be handy to take a picture with your phone ☺)
7. CAREFULLY slide a Small Flat Head Screwdriver under the chip and pry upwards. Alternate ends so that the prongs are not damaged. (MAKE SURE YOU ARE NOT PRYING UP THE CHIP SOCKET ITSELF!!) ATTENTION: EPROMS are static sensitive components!! Please avoid touching the Eprom pins (feet), so just hold the black chip body!! Place the chip on the metal cover to prevent static damage.
8. Install the FVD Chip in the same orientation that the original chip was in (refer to your phone picture ☺). Gently push down on one row of pins (feet) then the other. Then press down fully to secure the chip. Double check that all of the pins are properly seated.
9. Reassemble in reverse order

1.



