

# MITSUBISHI- MAZDA 2003






## Installation universal cable to the engine control unit

- 1 Switch off the ignition and withdraw the key
- 2 Dismount all necessary parts to get access to the engine control unit
- 3 Connect the five wires from the universal cable according to the connection schedule to the plugs from the engine control unit. Löteten/ ver
- 4 Before you connect or solder the connections according to the connection schedule, do check the pin assignments and the voltage according to the wiring diagrams. Wrong connections can destroy the engine control unit and/or the MP-System.
- 5 Use a solid isolation on the spots where the cable are attached to the cables from the engine control unit.
- 6 After these connections have been made, connect the plugs back to the engine control unit.
- 7 Mount all parts that were removed before.

## Adjustment MP-System

Connect the adjustment cable (only wenn the ignition is switched off), one side to the universal cable and the other side you have to take it into the vehicle. Now connect the MP-System with the adjustment cable. The engine must have the regular operation temperature before any adjustments are done.

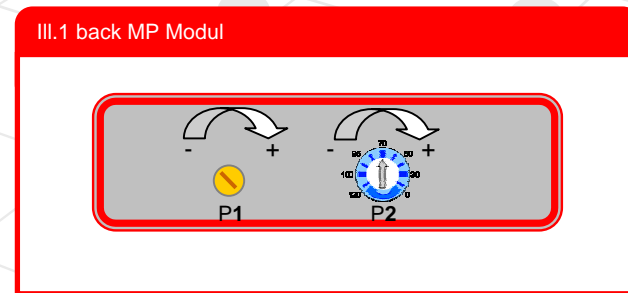
While driving with an rpm between 2000 and 3000 rpm, we recommend to use the 3rd gear, turn the metal screw P1 to the right, until the performance distinctly increases and the exhaust system will produce a moderate dark smoke. Now you will have too much power, go back to the first or second gear and adjust the metal screw P1 to the left until you have the same exhaust value as before. Your optimal performance is at the adjustment point short before the exhaust system starts to smoke. The plastic potentiometer, P2, is preadjusted to the middle and should only be changed for fine adjustment.

MCU	MP-SYSTEM	Voltage	Alternativ
	Pin 13/ plug 4	black	earth
	Pin 12/r plug 4	red	12 Volt
	Pin 73/ plug 1	yellow	2,5 Volt
	Pin 84/ plug 1	white	0,35 Volt until 4 Volt
	Pin 75/ plug 1	green	2,5 Volt

Alternativ:

- battery
- battery
- pump plug A. Pin F
- accelerator signal
- pump plug A. Pin H

Allways check all electronic signals before you connect the MP-System to the universal cable.



## Final installation

All adjustments are ready and the MP-System can be fitted finally. Remove the adjustment cable and mount the MP-System directly to the universal cable.

