

MITSUBISHI- MAZDA until 2002

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 the connection schedule to the plugs from the engine control unit Löten/ ver
- 4 Before you connect or solder the connections according the connection schedule, do check the pin assignments and the voltage according the wiring diagramms. Wrong connections can destroy the engine control unit and/or the MP-System.
- 5 Use a solid isolation on the spots were 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.

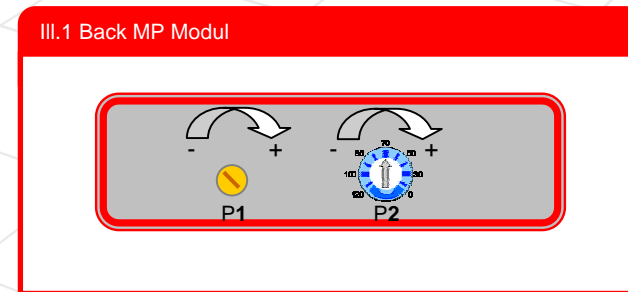
Adjustment MP-System

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 3 rd gear, turn the metal screw P1 to the right, until the performance distinctly increases and the exhaust system will produce a modarate dark smoke. Now you will have to much power, go back to the first or second gear an adjust the metal screw P1 to the left untill 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	Color	Voltage	electronic function
■	Pin 14/ Plug 4	black	0-0.6 Volt	earth
■	Pin 15/ Plug 4	red	12 Volt	battery
■	Pin 20/ Plug 1	yellow	2,5 Volt	control lone 1
■	Pin 8/ Plug 2	white	0,35 Volt until 4 Volt	accelerator signal
■	Pin 18/ Plug 1	green	2,5 Volt	control line 2

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



Final installation

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

