

**TECHNICAL FEATURES: med 57.2 CMI**

Power source	: 12 Volt D.C. (nominal)
Absorption	: 4 mA (with engine stopped)
Temperature range	: from -40°C to +125°C
Length of wiring	: 3 mt.
Protection	: IP 54 (IEC 529 1989) DIN 40050 EN 60529
Color	: Grey

**med 57.4 CMI**

Power source	: 24 Volt D.C. (nominal)
Absorption	: 4 mA (with engine stopped)
Temperature range	: from -40°C to +125°C
Length of wiring	: 3 mt.
Protection	: IP 54 (IEC 529 1989) DIN 40050 EN 60529
Color	: Brown



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The immobilizer med 57.2 CMI and med 57.4 CMI are approved according to the following directives:

- 95/56/CE European Directive on working and safety of immobilizers with n° [e3] I-00 0102 med 57.2 CMI and [e3] I-00 0101 med 57.4 CMI.
- 95/54/CE European Directive regarding the electromagnetic compatibility.
- ECE/ONU 97 regulation with the n° (E3) 97RI-0056949 med 57.2 CMI and (E3) 97RI-0056948 med 57.4 CMI.

**IMPORTANT!!!**

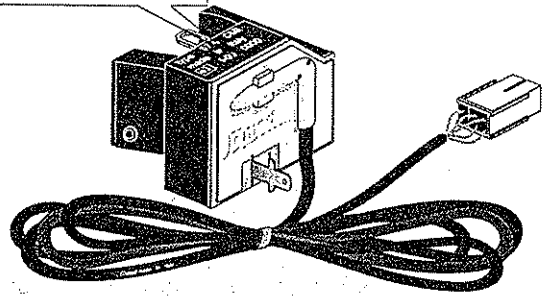
- The **INSTALLATION** should be done by **QUALIFIED PERSONNEL** who must take care of any electric cuts and use any unscrewing-proof device.
- The **INSTALLER** is to provide the vehicle owner with the attached **INSTALLATION CERTIFICATED** properly filled in and undersigned, as well as with these operating instructions.
- Check the functioning on AUDI, BMW car and VW vans with EDC pumps and shutoff valve.
- Do not install on VM 2.5 engine, MERCEDES SPRINTER and Volvo with EDC BOSCH pump.
- Disconnects one the battery terminals before starting the installation in order to avoid shorts circuits who would damage the immobilizer. Short circuits damages are not covered by guarantee.
- La med s.p.a is **NOT** responsible and the **GUARANTEE** is void in the event of inappropriate use of the equipment or parts there of, tampering with or connected to unsuitable equipment.

med spa - Via Raffaello, 33 - 42100 Reggio Emilia (Italy)



Cod. 572.314.245 09/98

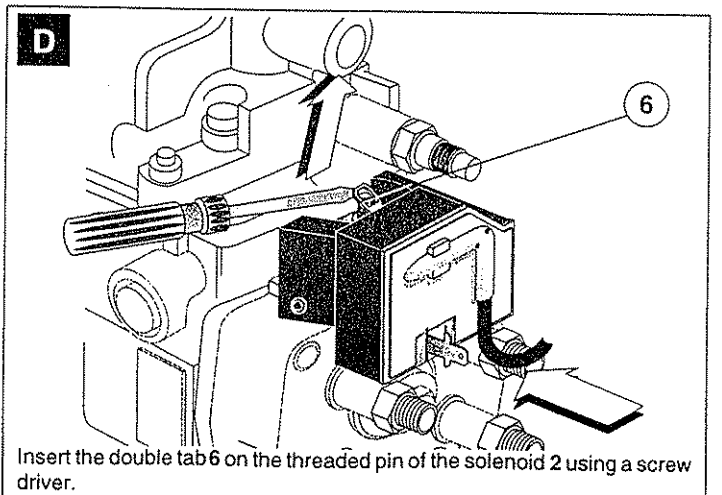
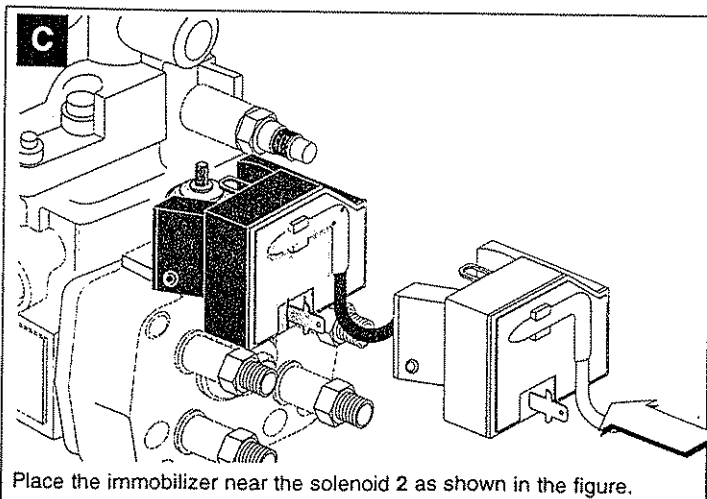
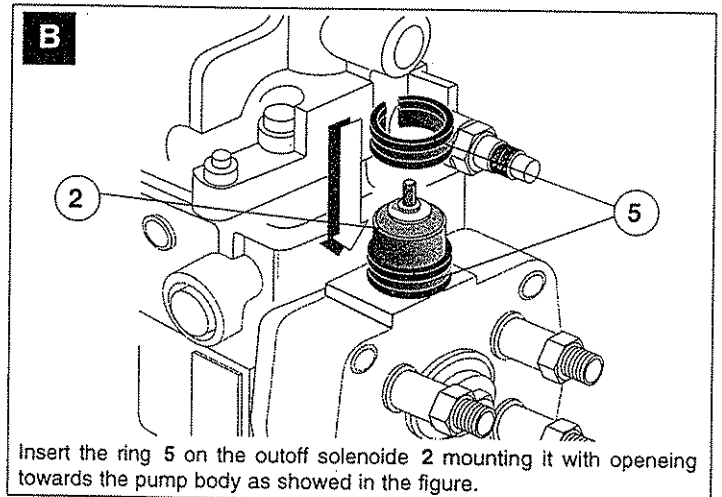
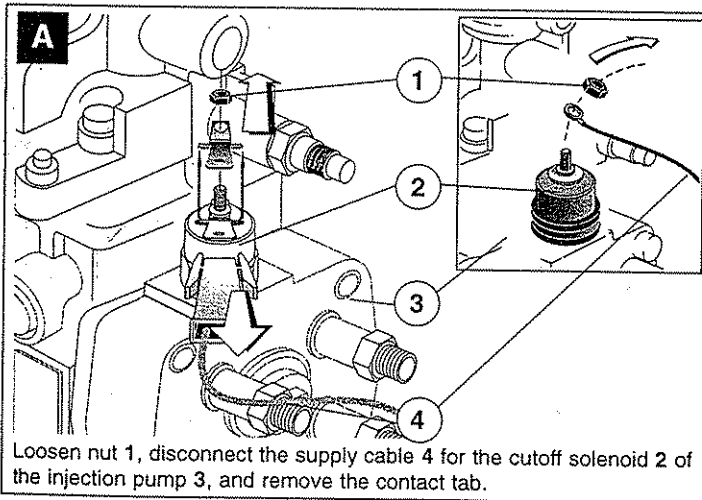
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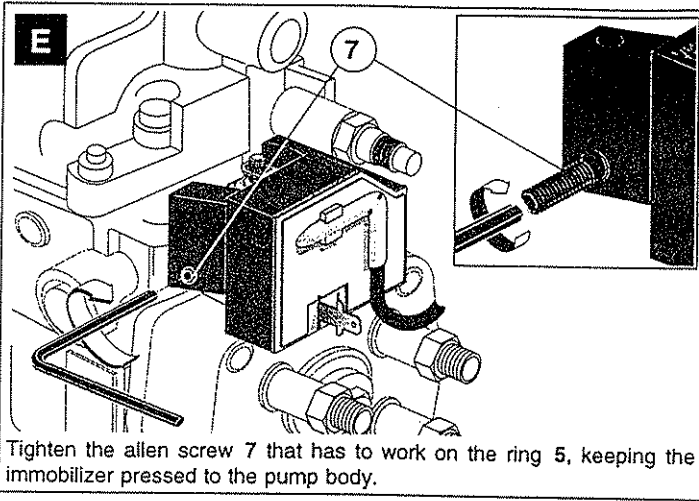


**med 57.2 CMI 12 V**  
**med 57.4 CMI 24 V**

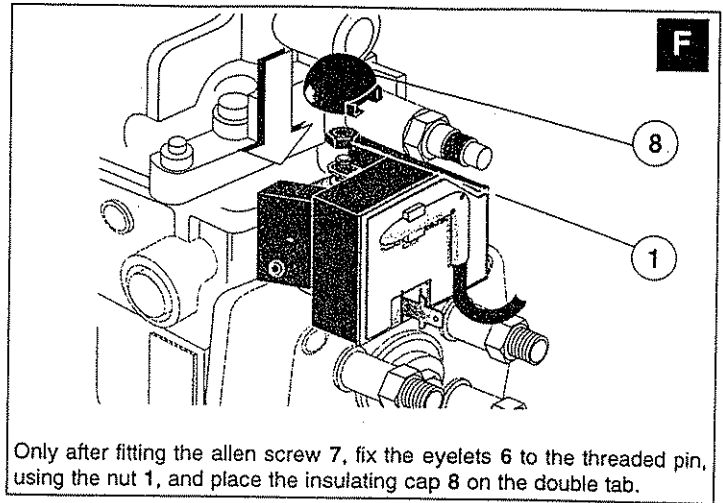
**ITEMS INCLUDED IN THE PACKAGING:**

- med 57.2 CMI or med 57.4 CMI immobilizer
- Fitting instructions
- Fitting accessories
- Packet key socket with electronic keys
- Wiring

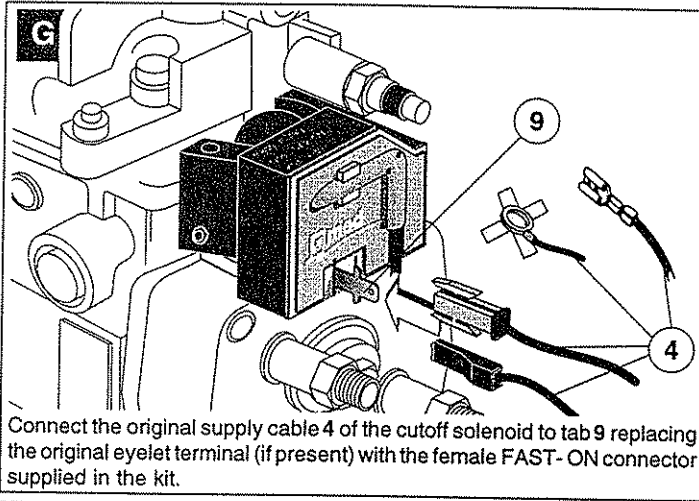
**Fitting and operation instructions**



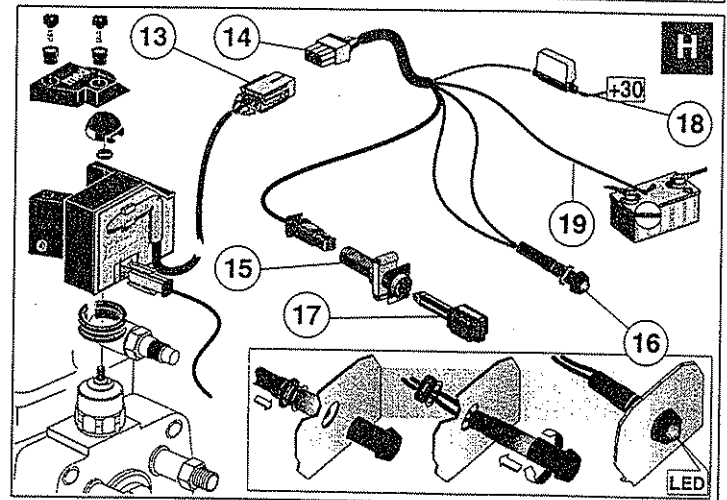
Tighten the allen screw 7 that has to work on the ring 5, keeping the immobilizer pressed to the pump body.



Only after fitting the allen screw 7, fix the eyelets 6 to the threaded pin, using the nut 1, and place the insulating cap 8 on the double tab.



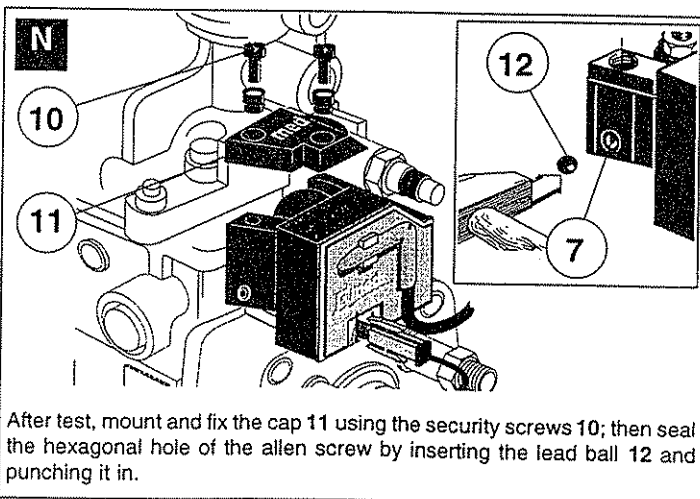
Connect the original supply cable 4 of the cutoff solenoid to tab 9 replacing the original eyelet terminal (if present) with the female FAST-ON connector supplied in the kit.



I Fit the med key socket 15 and the dashboard, leaving the identification plate visible, and connect LED 16.

L Connect the wires of the 6-wire connector 14 as shown in the diagram in figure H in detail:  
 18- RED WIRE with fuse-holder: to the permanent positive [+30]  
 19- BLACK WIRE: to GND (negative battery terminal)

M Re-attach the battery terminal and carry out the immobilizer injection.



After test, mount and fix the cap 11 using the security screws 10; then seal the hexagonal hole of the allen screw 7 by inserting the lead ball 12 and punching it in.

#### TEST RUN

1. Check that the engine DOES NOT start with the LED flickering.
2. Check that the engine starts with the LED constantly lit the LED is turned off by turning the ignition key in ON position.
3. Confirm that the engine restarts within 20/30 seconds after it has been turned off.

#### USAGE

1. When the LED flickers it means that the med immobilizer is active.
2. When inserting the med electronic key in the socket, the LED lights up with a fixed light (code installed).
3. The engine can be started within 20/30 seconds after the med electronic key has been removed.
4. By turning the ignition key ON (panel turned on) the LED is switched off and the engine can be started (immobilizer device deactivated).
5. After 20/30 seconds without having started the engine, the LED starts flickering and the immobilizer is unlocked once again.

#### CAUTION

Having turned off the engine (panel turned OFF), after 20/30 seconds the LED starts flickering and the immobilizer is activated.

If the engine has to be turned off for a short time (e.g. at red traffic lights, level crossing etc...) we advice that the panel key is turned to the OFF position (panel turned off- LED with fixed light) and immediately turned ON (panel turned on - LED turned off), without having to use the med electronic key.

N.B. it is not possible to start the engine with the med electronic key installed.

#### MAINTENANCE

The immobilizers med 57.2 CMI and med 57.4 CMI do not need any maintenance.

#### GUARANTEE TERMS AND CONDITIONS

The TECHNICAL GUARANTEE is for one year from the date of installation with ex-works terms for those defective parts, but subject to the incontestable decision of med. Under this form cover the guarantee DOES NOT INCLUDE costs for labour and any other type of obligation. The guarantee is only applicable for equipment for which we have received the appropriate "INSTALLATION CARD" properly filled in.

Legend	
1 Solenoid nut	11 med cap
2 Cutoff solenoid	12 Lead ball
3 Injection pump (VE-BOSCH)	13 6-pin immobilizer connector
4 Solenoid supply cable	14 6-pin wiring connector
5 Tightening ring	15 med key socket
6 Double tab	16 LED
7 Allen screw	17 med electronic key
8 Insulating cap	18 Red wire [+30] with fuse-holder
9 Tab	19 Black wire (GND)
10 Security screw	