



# AUTOFFICINA DE GIOVANNI

## Engine ECU Decoding

INFO DECODING AND CODING ECU VERSION 6.0	PARTIAL	TOTAL
		
BOSCH EDC 15C5 5 PLUG PARTIAL	X	
BOSCH EDC 15C6 2 PLUG TOTAL&PARTIAL	X	X
BOSCH EDC 15C7 2 PLUG TOTAL&PARTIAL	X	X
BOSCH EDC16C8 2 PLUG PARTIAL	X	
BOSCH EDC15C9 2 PLUG PARTIAL	X	
BOSCH ME7.1.1 2 PLUG PARTIAL	X	
BOSCH M2.10.3 1 PLUG TOTAL&PARTIAL	X	X
BOSCH M2.10.4 1 PLUG TOTAL&PARTIAL	X	X
GM MPI 2 PLUG RED-BROWN MCU MC68HC11F1 TOTAL&PARTIAL	X	X
GM MPI 2 PLUG RED-WHITE MCU MC68HC11F1 TOTAL&PARTIAL	X	X
MAGNETI MARELLI IAW 18F.XX 1 PLUG MCU MC68HC11F1 TOTAL&PARTIAL	X	X
MAGNETI MARELLI IAW8F.XX 1 PLUG MCU MC68HC11F1 TOTAL&PARTIAL	X	X
MAGNETI MARELLI IAW8P.XX 1 PLUG MCU MC68HC11A1 TOTAL&PARTIAL	X	X
MAGNETI MARELLI IAW4Q-J-W 1 PLUG MCU MC68HC11E1 TOTAL&PARTIAL	X	X
		
BOSCH MSA EDC15-X 1 PLUG TOTAL		X
BOSCH MSA EDC15-5 2 PLUG TOTAL		X
BOSCH EDC15V 2 PLUG TOTAL		X
BOSCH EDC15VM+ 2 PLUG TOTAL		X
BOSCH EDC15P-6 2 PLUG TOTAL		X
BOSCH EDC15M.5-X 2 PLUG TOTAL		X
BOSCH EDC16U1 2 PLUG TOTAL		X
BOSCH EDC16U31 2 PLUG TOTAL		X
BOSCH EDC16C34 2 PLUG TOTAL		X
BOSCH M3.8.X 2 PLUG TOTAL		X






BOSCH M5.4.1 2 PLUG TOTAL		X
BOSCH M5.9.2 2 PLUG TOTAL		X
BOSCH M2.3.2 1 PLUG TOTAL		X
BOSCH ME7.1.1 2 PLUG TOTAL		X
BOSCH ME7.1.5 2 PLUG TOTAL		X
BOSCH ME7.5.10 2 PLUG TOTAL		X
BOSCH ME7.5.5 2 PLUG TOTAL		X
SIEMENS DIGIFANT 1 PLUG TOTAL		X
SIEMENS SIMOS1 2 PLUG TOTAL		X
SIEMENS SIMOS2 2 PLUG TOTAL		X
		
BOSCH MSA15.5 1 PLUG TOTAL		X
BOSCH EDC15M-6 DDE3.0 5 PLUG PARTIAL	X	
BOSCH EDC15C4-X DDE 4.0 5 PLUG PARTIAL	X	
SIEMENS MS4.1 ENGINE 2.0L 1 PLUG TOTAL		X
SIEMENS MS4.2 1 PLUG PARTIAL + ROLLING CODE RESET	X	
SIEMENS BMS46 1 PLUG PARTIAL + ROLLING CODE RESET	X	
SIEMENS MSS50 1 PLUG PARTIAL + ROLLING CODE RESET	X	
SIEMENS MSS52 1 PLUG PARTIAL + ROLLING CODE RESET	X	
		
BOSCH EDC15C2-6 3 PLUG TOTAL		X
BOSCH EDC15C2-10 3 PLUG TOTAL		X
BOSCH EDC15C7 2 PLUG TOTAL&PARTIAL		X
BOSCH MP7.0 1 PLUG PARTIAL	X	
BOSCH MP7.2 1 PLUG TOTAL		X
BOSCH MP7.3 1 PLUG TOTAL		X
BOSCH MA3.1 1 PLUG TOTAL		X
BOSCH MP3.1 1 PLUG TOTAL		X
BOSCH MP3.2 1 PLUG TOTAL		X
BOSCH MP5.1 1 PLUG TOTAL		X
BOSCH MP5.1.1 1 PLUG TOTAL		X
BOSCH MP5.2 1 PLUG TOTAL		X
SAGEM 2000 3 PLUG PARTIAL	X	
SIEMENS SID801 2 PLUG PARTIAL + ROLLING CODE RESET	X	



SIEMENS SID801A 2 PLUG PARTIAL + ROLLING CODE RESET	X	
SIEMENS SID804 2 PLUG PARTIAL + ROLLING CODE RESET	X	
SIEMENS SID806 2 PLUG PARTIAL + ROLLING CODE RESET	X	
MAGNETI MARELLI IAW5NP.XX 2 PLUG PARTIAL	X	
MAGNETI MARELLI IAW48P.XX 3 PLUG PARTIAL + ROLLING CODE RESET	X	
MAGNETI MARELLI IAW8P.XX 1 PLUG MCU MC68HC11A1 TOTAL&PARTIAL	X	X
MAGNETI MARELLI IAWG6.XX 1 PLUG MCU MC68HC11A1 TOTAL&PARTIAL	X	X
LUCAS EPIC MCU MC68HC11E9 1 PLUG TOTAL&PARTIAL	X	X
		
BOSCH MSA EDC15.5-2 1 PLUG TOTAL&PARTIAL	X	X
		
SIEMENS SIRIUS32 2 PLUG PARTIAL + ROLLING CODE RESET	X	
SIEMENS SIRIUS34 2 PLUG PARTIAL + ROLLING CODE RESET	X	
DELPHI TRW 3 PLUG PARTIAL	X	
		
KEMSCO D3 1 PLUG PARTIAL + ROLLING CODE RESET	X	
		
BOSCH EDC15C2-6 2 PLUG TOTAL		X
BOSCH EDC15C2-10 2 PLUG TOTAL		X
BOSCH EDC15C5 5 PLUG PARTIAL	X	
BOSCH EDC15C6 2 PLUG TOTAL&PARTIAL	X	X
BOSCH EDC15C7 2 PLUG TOTAL&PARTIAL	X	X
BOSCH EDC16C8 2 PLUG PARTIAL	X	
BOSCH EDC15C9 2 PLUG PARTIAL	X	
BOSCH M2.10.3 1 PLUG TOTAL&PARTIAL	X	X
BOSCH M2.10.4 1 PLUG TOTAL&PARTIAL	X	X
BOSCH MP3.2 TOTAL&PARTIAL	X	X
LUCAS DCU3F 2 PLUG PARTIAL	X	
MAGNETI MARELLI MDJ6F3 2 PLUG PARTIAL	X	
MAGNETI MARELLI MDJ6JF 2 PLUG PARTIAL	X	

MAGNETI MARELLI IAW49F.XX 2 PLUG TOTAL&PARTIAL	X	X
MAGNETI MARELLI IAW4GF.XX 2 PLUG TOTAL&PARTIAL	X	X
MAGNETI MARELLI IAW4EF.XX 2 PLUG PARTIAL	X	
MAGNETI MARELLI IAW4AF.XX 2 PLUG PARTIAL	X	
MAGNETI MARELLI IAW48P.XX 2 PLUG PARTIAL	X	
MAGNETI MARELLI IAW4MP.XX 2 PLUG PARTIAL	X	
MAGENTI MARELLI IAW59F.XX 2 PLUG PARTIAL	X	
MAGENTI MARELLI IAW5AF.XX 2 PLUG PARTIAL	X	
MAGNETI MARELLI IAW5NF.XX 2 PLUG TOTAL&PARTIAL	X	X
MAGNETI MARELLI IAW4SF.XX 2 PLUG PARTIAL	X	
MAGNETI MARELLI IAW5SF.XX 2 PLUG PARTIAL	X	
MAGNETI MARELLI IAW48P.XX 2 PLUG PARTIAL + ROLLING CODE RESET	X	
MAGNETI MARELLI IAW16F.XX 1 PLUG MCU MC68HC11F1 TOTAL&PARTIAL	X	X
MAGNETI MARELLI IAW18F.XX 1 PLUG MCU MC68HC11F1 TOTAL&PARTIAL	X	X
MAGNETI MARELLI IAW8F.XX 1 PLUG MCU MC68HC11F1 TOTAL&PARTIAL	X	X
MAGNETI MARELLI IAW8P.XX 1 PLUG MCU MC68HC11A1 TOTAL&PARTIAL	X	X
MAGNETI MARELLI IAW4Q-J-W 1 PLUG MCU MC68HC11E1 TOTAL&PARTIAL	X	X
GM MPI 2 PLUG RED-BROWN MCU MC68HC11F1 TOTAL&PARTIAL	X	X
GM MPI 2 PLUG RED-WHITE MCU MC68HC11F1 TOTAL&PARTIAL	X	X
LUCAS EPIC MCU MC68HC11E9 1 PLUG TOTAL&PARTIAL	X	X
		
BOSCH MSA EDC15.5 1 PLUG TOTAL		X
BOSCH EDC15.X 2 PLUG TOTAL		X
BOSCH EDC15P-6 2 PLUG TOTAL		X
BOSCH EDC15P 2 PLUG TOTAL		X
BOSCH EDC15V 2 PLUG TOTAL		X
BOSCH EDC16C3 2 PLUG PARTIAL	X	
BOSCH 3.8.1 2 PLUG TOTAL		X
BOSCH M7.1 2 PLUG TOTAL		X
		
BOSCH EDC15C7 2 PLUG PARTIAL	X	
HITACHI PL9 2 PLUG TOTAL&PARTIAL	X	X


		
BOSCH EDC15C7.X 2 PLUG PARTIAL	X	
		
BOSCH MS6.2 2 PLUG TOTAL	X	X
BOSCH MS6.3 2 PLUG TOTAL	X	X
		
BOSCH MSA EDC15.5-2 1 PLUG TOTAL&PARTIAL	X	X
		
BOSCH EDC15C7.X 2 PLUG PARTIAL	X	
		
BOSCH M1.5.4 1 PLUG TOTAL		X
BOSCH MP7.0 1 PLUG TOTAL		X
BOSCH MP7.3 1 PLUG TOTAL		X
		
BOSCH EDC15C2-6 2 PLUG TOTAL		X
BOSCH EDC15C2-10 2 PLUG TOTAL		X
BOSCH EDC15C5 5 PLUG PARTIAL	X	
BOSCH EDC15C6 2 PLUG TOTAL&PARTIAL	X	X
BOSCH EDC15C7 2 PLUG TOTAL&PARTIAL	X	X
BOSCH EDC16C8 2 PLUG PARTIAL	X	
BOSCH EDC15C9 2 PLUG PARTIAL	X	
BOSCH M2.10.3 1 PLUG TOTAL&PARTIAL	X	X
BOSCH M2.10.41 PLUG TOTAL&PARTIAL	X	X
BOSCH MP3.2 TOTAL&PARTIAL	X	X
LUCAS DCU3F 2 PLUG PARTIAL	X	

MAGNETI MARELLI MDJ6F3 2 PLUG PARTIAL	X	
MAGNETI MARELLI MDJ6JF 2 PLUG PARTIAL	X	
MAGNETI MARELLI IAW49F.XX 2 PLUG TOTAL	X	X
MAGNETI MARELLI IAW4GF.XX 2 PLUG TOTAL	X	X
MAGNETI MARELLI IAW4EF.XX 2 PLUG PARTIAL	X	
MAGNETI MARELLI IAW4AF.XX 2 PLUG PARTIAL	X	
MAGNETI MARELLI IAW48P.XX 2 PLUG PARTIAL	X	
MAGNETI MARELLI IAW4MP.XX 2 PLUG PARTIAL	X	
MAGNETI MARELLI IAW59F.XX 2 PLUG PARTIAL	X	
MAGNETI MARELLI IAW5AF.XX 2 PLUG PARTIAL	X	
MAGNETI MARELLI IAW5NF.XX 2 PLUG TOTAL	X	X
MAGNETI MARELLI IAW4SF.XX 2 PLUG PARTIAL	X	
MAGNETI MARELLI IAW5SF.XX 2 PLUG PARTIAL	X	
MAGNETI MARELLI IAW48P.XX 2 PLUG PARTIAL + ROLLING CODE RESET	X	
MAGNETI MARELLI IAW16F.XX 1 PLUG MCU MC68HC11F1 TOTAL&PARTIAL	X	X
MAGNETI MARELLI IAW18F.XX 1 PLUG MCU MC68HC11F1 TOTAL&PARTIAL	X	X
MAGNETI MARELLI IAW8F.XX 1 PLUG MCU MC68HC11F1 TOTAL&PARTIAL	X	X
MAGNETI MARELLI IAW8P.XX 1 PLUG MCU MC68HC11A1 TOTAL&PARTIAL	X	X
MAGNETI MARELLI IAW4Q-J-W 1 PLUG MCU MC68HC11E1 TOTAL&PARTIAL	X	X
GM MPI 2 PLUG RED-BROWN MCU MC68HC11F1 TOTAL&PARTIAL	X	X
GM MPI 2 PLUG RED-WHITE MCU MC68HC11F1 TOTAL&PARTIAL	X	X
LUCAS EPIC MCU MC68HC11E9 1 PLUG TOTAL&PARTIAL	X	X
		
BOSCH MSA15.5 1 PLUG TOTAL		X
BOSCH EDC15M-6 DDE3.05 PLUG PARTIAL	X	
BOSCH EDC15C4-X DDE4.05 PLUG PARTIAL	X	
MEMS MKC 1 PLUG TOTAL		X
		
BOSCH EDC15C4-X DDE4.0 5 PLUG PARTIAL	X	
MEMS MKC 1 PLUG TOTAL		X
		
BOSCH EDC16C3-9 2 PLUG PARTIAL	X	




 Mercedes-Benz		
BOSCH EDC15.5-X 1 PLUG PARTIAL	X	
BOSCH EDC15C0 5 PLUG PARTIAL + START ERROR ECU RESET	X	
BOSCH EDC15C6 5 PLUG PARTIAL + START ECU ERROR RESET	X	
VDO MSM1.1 1PLUG PARTIAL + ROLLING CODE RESET	X	
VDO MSEH10 2PLUG PARTIAL + ROLLING CODE RESET	X	
		
BOSCH EDC15C4-X DDE4.0 5 PLUG PARTIAL	X	
SIEMENS VDO EMS2 1 PLUG TOTAL&PARTIAL + ROLLING CODE RESET	X	X
		
BOSCH EDC15C3 3 PLUG PARTIAL	X	
		
BOSCH EDC15C3 3 PLUG PARTIAL	X	
BOSCH EDC15.5-6 1 PLUG TOTAL&PARTIAL	X	X
BOSCH M1.9.5 1 PLUG TOTAL&PARTIAL	X	X
DELPHI TRW 3 PLUG PARTIAL	X	
		
BOSCH MSA EDC15.6 PARTIAL	X	
BOSCH EDC 15M-X 2 PLUG PARTIAL	X	
BOSCH EDC15C3 3 PLUG PARTIAL	X	
BOSCH EDC16C.XX 2 PLUG PARTIAL	X	
BOSCH M1.5.X 1 PLUG TOTAL		X
BOSCH M2.8 1 PLUG TOTAL		X
BOSCH MSA EDC15.6 PARTIAL	X	
MAGNETI MARELLI MDJ 6JF 2 PLUG PARTIAL	X	
SIMTEC 56.1 1 PLUG TOTAL&PARTIAL	X	
GM MULTEC 2 PLUG RED-BROWN MCU MC68HC11F1 TOTAL		X
GM MULTEC 2 PLUG RED-WHITE MCU MC68HC11F1 TOTAL		X

GM MULTEC 2 PLUG BLU-GREY MCU MC68HC11F1 TOTAL		X
GM MPI 2 PLUG VIOLET MCU MC68HC11F1 TOTAL		X
		
BOSCH EDC 15C2-6 3 PLUG TOTAL		X
BOSCH EDC15C2-10 3 PLUG TOTAL		X
BOSCH EDC15C7 2 PLUG TOTAL&PARTIAL		X
BOSCH MP7.0 1 PLUG PARTIAL	X	
BOSCH MP7.2 1 PLUG TOTAL		X
BOSCH MP7.3 1 PLUG TOTAL		X
BOSCH MA3.1 1 PLUG TOTAL		X
BOSCH MP3.1 1 PLUG TOTAL		X
BOSCH MP3.2 1 PLUG TOTAL		X
BOSCH MP5.1 1 PLUG TOTAL		X
BOSCH MP5.1.1 1 PLUG TOTAL		X
BOSCH MP5.2 1 PLUG TOTAL		X
SAGEM 2000 3 PLUG PARTIAL	X	
SIEMENS SID801 2 PLUG PARTIAL + ROLLING CODE RESET	X	
SIEMENS SID801A 2 PLUG PARTIAL + ROLLING CODE RESET	X	
SIEMENS SID804 2 PLUG PARTIAL + ROLLING CODE RESET	X	
SIEMENS SID806 2 PLUG PARTIAL + ROLLING CODE RESET	X	
MAGNETI MARELLI IAW5NP.XX 2 PLUG PARTIAL	X	
MAGNETI MARELLI IAW48P.XX 3 PLUG PARTIAL + ROLLING CODE RESET	X	
MAGNETI MARELLI IAW8P.XX 1 PLUG MCU MC68HC11A1 TOTAL&PARTIAL	X	X
MAGNETI MARELLI IAWG6.XX 1 PLUG MCU MC68HC11A1 TOTAL&PARTIAL	X	X
LUCAS EPIC MCU MC68HC11E9 1 PLUG TOTAL&PARTIAL	X	X
		
BOSCH EDC15.X 1 PLUG PARTIAL	X	
BOSCH EDC15.X 2 PLUG PARTIAL	X	
BOSCH EDC15C3 2 PLUG PARTIAL	X	
BOSCH EDC16C3 2 PLUG PARTIAL	X	
BOSCH MP7.0 1 PLUG PARTIAL	X	
DELPHI TRW 3 PLUG PARTIAL	X	
LUCAS DCU3R 2 PLUG PARTIAL	X	
MAGNETI MARELLI 5NR2-CX PCB CIRCUIT 2 PLUG TOTAL		X



SIEMENS SIRIUS32 2 PLUG PARTIAL + ROLLING CODE RESET	X	
SIEMENS SIRIUS34 2 PLUG PARTIAL + ROLLINGCODERESET	X	
SIEMENS EMS3132 2 PLUG PARTIAL + ROLLINGCODERESET	X	
SIEMENS EMS3134 2 PLUG PARTIAL + ROLLINGCODERESET	X	
SIEMENS FENIX3 1 PLUG MCU 68HC11E1 TOTAL		X
		
BOSCH MS6.3 2 PLUG TOTAL		X
		
MEMS MKC 1 PLUG TOTAL		X
MEMS MSB 1 PLUG TOTAL		X
BOSCH EDC15C4-X DDE4.0 5 PLUG PARTIAL	X	
		
BOSCH EDC15M 2 PLUG PARTIAL	X	
		
BOSCH MSAEDC15-X 1 PLUG TOTAL		X
BOSCH MSAEDC15-5 2 PLUG TOTAL		X
BOSCH EDC15V 2 PLUG TOTAL		X
BOSCH EDC15VM+ 2 PLUG TOTAL		X
BOSCH EDC15P-6 2 PLUG TOTAL		X
BOSCH EDC15M.5-X 2 PUG TOTAL		X
BOSCH EDC16U1 2 PLUG TOTAL		X
BOSCH EDC16U31 2 PLUG TOTAL		X
BOSCH EDC16C34 2 PLUG TOTAL		X
BOSCH M3.8.X 2 PLUG TOTAL		X
BOSCH M5.4.1 2 P LUG TOTAL		X
BOSCH M5.9.2 2 PLUG TOTAL		X
BOSCH M2.3.2 1 PLUG TOTAL		X
BOSCH ME7.1.1 2 PLUG TOTAL		X
BOSCH ME7.1.5 2 PLUG TOTAL		X
BOSCH ME7.5.10 2 PLUG TOTAL		X

BOSCH ME7.5.5 2 PLUG TOTAL		X
SIEMENS DIGIFANT 1 PLUG TOTAL		X
SIEMENS SIMOS1 2 PLUG TOTAL		X
SIEMENS SIMOS2 2 PLUG TOTAL		X
		
BOSCH MSAEDC15-X 1 PLUG TOTAL		X
BOSCH MSAEDC15-5 2 PLUG TOTAL		X
BOSCH EDC15V 2 PLUG TOTAL		X
BOSCH EDC15VM+ 2 PLUG TOTAL		X
BOSCH EDC15P-6 2 PLUG TOTAL		X
BOSCH EDC15M.5-X 2 PLUG TOTAL		X
BOSCH EDC16U1 2 PLUG TOTAL		X
BOSCH EDC16U31 2 PLUG TOTAL		X
BOSCH EDC16C34 2 PLUG TOTAL		X
BOSCH M3.8.X 2 PLUG TOTAL		X
BOSCH M5.4.1 2 PLUG TOTAL		X
BOSCH M5.9.2 2 PLUG TOTAL		X
BOSCH M2.3.2 1 PLUG TOTAL		X
BOSCH ME7.1.1 2 PLUG TOTAL		X
BOSCH ME7.1.5 2 PLUG TOTAL		X
BOSCH ME7.5.10 2 PLUG TOTAL		X
BOSCH ME7.5.5 2 PLUG TOTAL		X
SIEMENS DIGIFANT 1 PLUG TOTAL		X
SIEMENS SIMOS1 2 PLUG TOTAL		X
SIEMENS SIMOS2 2 PLUG TOTAL		X
		
BOSCH MEG1.0 2 PLUG PARTIAL	X	
BOSCH EDC15C-5.1 2 PLUG PARTIAL	X	
		
MAGNETI MARELLI MDJ 6JF 2 PLUG PARTIAL	X	
BOSCH EDC15C3 3 PLUG PARTIAL	X	
BOSCH EDC15C2-11 3 PLUG TOTAL		X
DELPHI TRW 3 PLUG PARTIAL	X	

NIPPON DENSO MPI 1\2 PLUG TOTAL		X
SIEMENS SID801 2 PLUG TOTAL + ROLLING CODE RESET		X
SIEMENS SID801A 2 PLUG TOTAL + ROLLING CODE RESET		X
		
BOSCH EDC16.XX 2 PLUG PARTIAL	X	
		
BOSCH EDC15.X 1 PLUG PARTIAL	X	
DELPHI TRW 3 PLUG PARTIAL	X	
SIEMENS SIRIUS32 2 PLUG PARTIAL + ROLLING CODE RESET	X	
		
BOSCH MSAEDC15-X 1 PLUG TOTAL		X
BOSCH MSAEDC15-5 2 PLUG TOTAL		X
BOSCH EDC15V 2 PLUG TOTAL		X
BOSCH EDC15VM+ 2 PLUG TOTAL		X
BOSCH EDC15P-6 2 PLUG TOTAL		X
BOSCH EDC15M.5-X 2 PLUG TOTAL		X
BOSCH EDC16U1 2 PLUG TOTAL		X
BOSCH EDC16U31 2PLUG TOTAL		X
BOSCH EDC16C34 2 PLUG TOTAL		X
BOSCH M3.8.X 2 PLUG TOTAL		X
BOSCH M5.4.1 2 PLUG TOTAL		X
BOSCH M5.9.2 2 PLUG TOTAL		X
BOSCH M2.3.2 1 PLUG TOTAL		X
BOSCH ME7.1.1 2 PLUG TOTAL		X
BOSCH ME7.1.5 2 PLUG TOTAL		X
BOSCH ME7.5.10 2 PLUG TOTAL		X
BOSCH ME7.5.5 2 PLUG TOTAL		X
SIEMENS DIGIFANT 1 PLUG TOTAL		X
SIEMENS SIMOS1 2 PLUG TOTAL		X
SIEMENS SIMOS2 2 PLUG TOTAL		X

## Engine ECU Decoding – Permanent File Decoding

<b>APPLICATIONS LIST ECU VERSION 1.0</b>

<b>PERMANENT FILE DECODING</b>
BOSCH EDC15C2-3 1 PLUG TOTAL
BOSCH MSA11 1 PLUG TOTAL
BOSCH M1.7 1 PLUG ENGINE 1.8-2.0 TOTAL
BOSCH M2.71 PLUG TOTAL
BOSCH M1.7.3 1 PLUG TOTAL
BOSCH ME2.1 HYBRID TOTAL
BOSCH ME3.1 HYBRID TOTAL
BOSCH ME7.2.1 HYBRID TOTAL
BOSCH ME7.3H4 8 BIT HYBRID TOTAL
BOSCH ME7.9.6 8 BIT 2 PLUG TOTAL
MAGNETI MARELLI 1ABBX ENGINE 1.6 16V 1PLUG TOTAL
MAGNETI MARELLI 1AFX ENGINE 1.6 16V 1PLUG TOTAL
HITACHI 5 PLUG ENGINE 1.8 16V TOTAL

<b>PERMANENT FILE DECODING</b>
BOSCH MSA11 AUDI 1 PLUG TOTAL
BOSCH MSA12 1 PLUG VW TOTAL
BOSCH MK1.2.2 AUDI 1 PLUG TOTAL
BOSCH MA1.3 1 PLUG TOTAL
BOSCH MA1.2.3 1 PLUG TOTAL
BOSCH M2.9 1 PLUG ALL TOTAL
BOSCH M3.2 4 PLUG ALL TOTAL
BOSCH MP9.0 1 PLUG ALL TOTAL
SIEMENS DIGIFANT 5WPA 1 PLUG TOTAL
MAGNETI MARELLI IAW1AV 1 PLUG TOTAL
MAGNETI MARELLI IAW1AV AMERICA LATINA TOTAL

<b>PERMANENT FILE DECODING</b>
BOSCH EDC15C2-3 1 PLUG TOTAL
MAGNETI MARELLI 48P2.70 ENGINE 1.1 8V UNIVERSAL FILE TOTAL
BOSCHME7.4.4 3 PLUG ENGINE 1.6L 16V UNTIL 2001 UNIVERSAL FILE TOTAL
<b>CLOCKFILEECODING</b>

MAGNETI MARELLI 1APXX ALL TOTAL



ATOS KEFIO S02808200\8263 3 PLUG ENGINE1.0 12V TOTAL



**PERMANENT FILE DECODING**

SIEMENS SIRIUS32 1 PLUG ENGINE1.2-1.4 8V & 16V UNIVERSAL FILE TOTAL

**CLOCK FILE DECODING**

SIEMENS FENIX 5 & SAGEM SAFIR ALL TOTAL



**PERMANENT FILE DECODING**

GM DELCO BWLD 2 PLUG AZURE ENGINE 1.2 8V UNIVERSAL FILE TOTAL