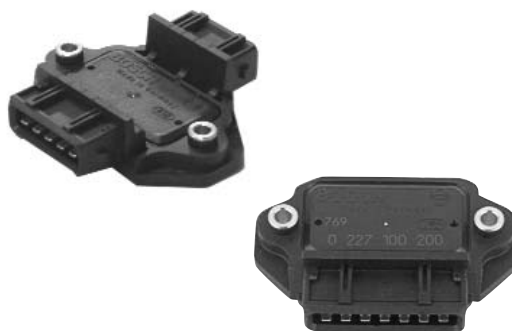


IGNITION MODULES

Purpose and Function.

Modern ignition systems are required to generate high ignition energy outputs in the most efficient way possible. Transformer type coils filled with high temperature epoxy resin are available in different formats including double output “waste spark” style units for 4 or 6 cylinder applications.

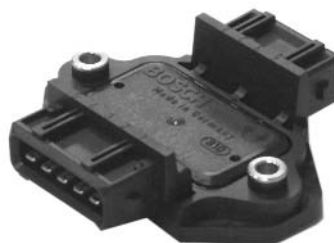


IGNITION MODULE TECHNICAL DATA

Part Number	Number of Output Stages	Maximum Primary Current [A]	Number of Pins	Type of Trigger	Connector	Type	Comment
0 227 100 123 [BIM 123]	1	8 - 10	6	Inductive	1 287 013 005	A	
0 227 100 124 [BIM 027]	1	8 - 10	6	Hall Effect	1 287 013 005	A	
0 227 100 137 [BIM 137]	1	8 - 10	7	Hall Effect	1 287 013 005	A	
0 227 100 200 [BIM 200]	2	8 - 10	7	ECU Control	1 287 013 005	A	2 channel pwr transistor
0 227 100 203	3	8 - 10	7	ECU Control	1 287 013 005	A	3 channel pwr transistor
0 227 100 209	3	8 - 10	3 & 4	ECU Control	1 287 000 039 & 1 287 013 900	B	3 channel pwr transistor
0 227 100 211	4	8 - 10	4 & 5	ECU Control	1 287 013 900 & 1 287 013 006	B	4 channel pwr transistor
9 222 067 024 [BIM 024]	1	8 - 10	4	Inductive	N/A	C	
9 222 067 027 [BIM 027]	1	8 - 10	6	Hall Effect	1 287 013 005	A	
9 222 067 034 [BIM 034]	1	8 - 10	3	ECU Control	1 237 000 039	D	1 channel pwr transistor



Type A



Type B



Type C



Type D

IGNITION MODULE PIN CONFIGURATION

Ignition Module or Power Transistor Part Number	Pin Number	Function / Description	Comment
0 227 100 123 [BIM 123]	1 2 3 4 5 6 7	Coil Negative [16] Not Used Pulse Generator Signal Shield Ignition Positive [15] Inductive Pulse Generator [pos] Inductive Pulse Generator [neg] Not Used	
0 227 100 124 [BIM 027]	1 2 3 4 5 6 7	Coil Negative [16] Module Ground [31] Pulse Generator Ground [31d] Ignition Positive [15] Pulse Generator Input Signal [7] Not Used Not Used	Module is compatible with ignition coils MEC 717 & MEC 718
0 227 100 137 [BIM 137]	1 2 3 4 5 6 7	Coil Negative [16] Module Ground [31] Pulse Generator Ground [31d] Ignition Positive [15] Pulse GeneratorSupply Voltage [16] Pulse Generator Input Signal [7] Not Used	Module is compatible with ignition coils MEC 717 & MEC 718
0 227 100 200 [BIM 200]	1 2 3 4 5 6 7	Coil Negative [Channel One] Switching Input [Channel One] Not Used Power Transistor Ground Not Used Coil Negative [Channel Two] Switching Input [Channel Two]	
0 227 100 203 [BIM 203]	1 2 3 4 5 6 7	Coil Negative [Channel Three] Switching Input [Channel Three] Coil Negative [Channel Two] Power Transistor Ground Switching Input [Channel Two] Coil Negative [Channel One] Switching Input [Channel One]	
0 227 100 209	1 2 3 4 1 2 3	Switching Input [Channel Three] Power Transistor Ground Switching Input [Cannel Two] Switching Input [Channel One] Coil Negative [Channel Three] Coil Negative [Channel Two] Coil Negative [Channel One]	Input Connector [4 pin] Ouput Connector [3 pin]

IGNITION MODULE PIN CONFIGURATIONS

Ignition Module or Power Transistor Part Number	Pin Number	Function / Description	Comment
0 227 100 211 	1 2 3 4 5 1 2 3 4	Switching Input [Channel One] Switching Input [Channel Two] Power Transistor Ground Switching Input [Channel Three] Switching Input [Channel Four] Coil Negative [Channel Four] Coil Negative [Channel Three] Coil Negative [Channel Two] Coil Negative [Channel One]	Input Connector [5 Pin] Output Connector [4 Pin]
9 222 067 024 [BIM 024] 	3 7 15 16 Base	Inductive Pulse Generator [pos] Inductive Pulse Generator [neg] Ignition Positive [15] Coil Negative [16] Module Ground	Modules are compatible with MEC or HEC type ignition coils
9 222 067 027 [BIM 027] 	1 2 3 4 5 6 7	Coil Negative [16] Module Ground [31] Pulse Generator Ground [31d] Ignition Positive [15] Pulse Generator Input Signal [7] Not Used Not Used	Modules are compatible with ignition coils MEC 7176 & MEC 718
9 222 067 034 [BIM 034] 	IB G OC	Switching Input Power Transistor Ground Coil Negative	