



PERKINS® 4016 Series Upgrade with MIC4 Ignition Controller



To improve engine performance and reliability of PERKINS® 4016 series gas engines, we recommend upgrading the existing ignition controller to a MIC4.

Benefits

Ignition Technology (MOST)

- adjustable ignition spark duration with different available ignition voltages
- constant spark intensity via adjusted ignition spark duration
- 300 mJ of primary energy (500 mJ boost for start phase)

Ignition Diagnostics

- Runtime data
- Alarm and error messages
- Data logging
- Primary, secondary misfire recognition
- Individual cylinder voltage calculation (kV)

Interfaces

- CAN Bus 2.0b interface (CANopen-/SAE J1939 protocol)
- RS485 interface (Modbus RTU)
- USB 2.0 interface

Ordering Information – Required Components

P/N	Description	Quantity
75.30.142	Mounting kit for MIC4 ignition controller, PERKINS® control cabinet	1
66.00.413-16	MIC4 ignition controller, Light Duty, 16 outputs	1
06.50.065	Ignition coil	16

Ordering Information – Optional Components

P/N	Description	Quantity
06.85.479	PolyMot™ spark plug lead	16
B8324	MHP spark plug, M18x1.5, reach 0.750 in., J-type (lr/lr), hex 13/16 in.	16