

UPGRADE KITS FOR CAT® G3304/ G3306/ G3406

non-shielded

**The Century of Ignition Magnets is over.
Move forward to the generation of
electronic ignition.**

MOTORTECH offers full ignition upgrade kits which contain all parts you need to remove the magneto and install the micro-processor controlled electronic ignition system.

Kit contains:

- AlphaRail with high energy ignition coils and PolyMot® high tension leads
- MIC500 series ignition control unit and harnesses
- Mechanical trigger kit with disc, adapter ring and pickup
- Magneto drive cover kit



MIC500 
MOTORTECH IGNITION CONTROLLER

AlphaRail 
IGNITION RAIL SYSTEM



**Try the alternative.
Call your nearest MOTORTECH distributor NOW !**

This warranty applies only during normal use and care!

THESE KITS WILL ALLOW YOU TO DO A FULL UPGRADE AND IGNITE THE ENGINE

MIC500 MOTORTECH IGNITION CONTROLLER

For small and mid-sized gas engines from 2-16 cylinders:

- Microprocessor controlled, single pickup, camshaft disc (4-stroke) or flywheel (2-stroke) triggered.
- Fully programmable timing control curves and other features.

AlphaRail IGNITION RAIL SYSTEM

Top quality materials and design last longer:

- Made from stainless steel for harsh environment
- Special foam filled to ensure that all wires are separated from ground and will not vibrate and eventually short out ground
- No bolts and nuts that come loose from vibration

Optional available:

MIC500 Series Ignition Monitoring RS232 Ignition Display

Linked to RS232 interface of the MIC500 data like following can be displayed:

- Ignition timing
- Engine speed
- Ignition energy
- Analog input current
- Alarm and error messages



P/N 06.05.040A



Caterpillar® Ignition Kit for G3304

- Preprogrammed MIC520 ignition controller
- Wiring rail with ignition coils and brackets
- Harnesses for in- and output
- Pickup
- High tension leads
- Mechanical trigger kit with disc and adapter ring/gaskets
- Magneto drive cover plate and gasket

P/N 75.00.338

Upgrade kits also available for shielded applications.
Ask your nearest distributor.

IN A SINGLE FIRING MODE!



Caterpillar® Ignition Kit for G3306

- Preprogrammed MIC520 ignition controller
- Wiring rail with ignition coils and brackets
- Harnesses for in- and output
- Pickup
- High tension leads
- Mechanical trigger kit with disc and adapter ring/gaskets
- Magneto drive cover plate and gasket

P/N 75.00.337

Caterpillar® Ignition Kit for G3406

- Preprogrammed MIC520 ignition controller
- Wiring rail with ignition coils and brackets
- Harnesses for in- and output
- Pickup
- High tension leads
- Mechanical trigger kit with disc and adapter ring/gaskets
- Magneto drive cover plate and gasket

P/N 75.00.336

Optional available:
Tool for CAT G3406
Fork spanner, swan-necked
for easy removal of camshaft
drive gear.

P/N 44.04.005



CAT® – IGNITION KITS G3300 / G3400 SERIES

non-shielded

P/N	Description	75.00.338	75.00.337	75.00.336
		CAT G3304	CAT G3306	CAT G3406
		Quantity		
06.00.520	MIC520 Ignition Controller, 8 outputs (preprogrammed)	1	1	1
06.02.501-160	Input Harness, inductive Pickup, 160" (4 m)	1	1	1
77.49.023-4000	Output Harness to Ignition Rail, 160" (4 m), G-Lead	1		
77.49.022-4000	Output Harness to Ignition Rail, 160" (4 m), G-Lead		1	1
75.40.106-l	Ignition Rail, 4 Cylinder	1		
75.40.105-l	Ignition Rail, 6 Cylinder		1	1
75.10.301	Bracket, Ignition Rail	2	2	
75.10.300	Bracket, Ignition Rail			2
06.88.009-18	High Tension Lead	4	6	
06.85.751-16	High Tension Lead			6
66.60.003-60	Pickup, inductive, M 12x1, 60 mm	1	1	1
75.30.132	Trigger Kit (4+1)	1		
75.30.131	Trigger Kit (6+1)		1	
75.30.133	Trigger Kit (6+1)			1
24.95.002	Flange Cover Plate, Magneto	1	1	1

Distributed by:

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P/N 01.15.006-EN