

Product Information

Ignition Kits for MAN[®] Engines of the E3262 Series

Adapted Wiring for new Pickups

In its sales bulletin VM 20 01 IG MAN[®] has informed that with the production entry date February 24, 2020 the scope of supply of all E3262 engines will be extended.

From engine number **8xx 5662 810** onwards, all engines of the series are delivered with two additional pickups, which also results in changes to the flywheel housing and camshaft gear.

The pickups delivered from now on are plugged in and secured with a fixing screw. This also eliminates the sockets with M12x1 threads on the flywheel and control housing, which makes it impossible to install the inductive pickups originally used for the MOTORTECH ignition kits.



For triggering the MOTORTECH ignition controllers, the pickups installed ex works are used when the new engine configuration is delivered. Correspondingly adapted ignition kits with controllers of the MIC3+ and MIC4 series are now available:

Adaptation of Ignition Kits with MIC3+ Ignition Controllers

- New input harness with two pickup leads with matching connectors for new pickups
- Omission of the inductive pickup P/N 66.60.003-100, M12x1, 100 mm length, and its mounting kit P/N 75.41.024
- Omission of magnetic pickup P/N 66.60.001-250, 5/8-18 UNF, 2.5 in length (only for E3262 E302)

Adaptation of Ignition Kits with MIC4 Ignition Controllers

- Two new pickup leads with matching connectors for new pickups
- Omission of the inductive pickup P/N 66.60.003-100, M12x1, 100 mm length, and its mounting kit P/N 75.41.024
- Omission of magnetic pickup P/N 66.60.001-250, 5/8-18 UNF, 2.5 in length (only for E3262 E302)

For part numbers of the new standard ignition kits please refer to the ordering information on page 4.

i NOTICE: In order to avoid problems during installation, please let us know during the transition period for orders whether ignition kits are already required for the new engine configuration from engine number **8xx 8662 810**.

DISTRIBUTION

Customers / others	Yes
Representatives and Sales Partners	Yes
OEM partners	No
MOTORTECH subsidiaries	Yes

Product Information



MICT – Pickup Configuration

Please note that due to the use of the new pickups, the configuration of the MIC ignition control units must also be adjusted using the graphic user interface MICT (MOTORTECH Integrated Configuration Tool).

Settings for the new triggering must be made in the MICT as follows:

The screenshot shows the MICT software interface for configuring pickups. The 'General' tab under 'Schedule A' is highlighted with a warning icon. A 'Pickup Setup' dialog box is open, showing the following configuration:

Input	Type	Number of Events	Speed	Active/Passive	Pre-Trigger [V]
Pickup Input 1 (Cam)	N+1	6	CAMSHAFT	passive	0.7
Pickup Input 2 (Trigger)	N-2	60	CRANKSHAFT	passive	2.6

Additional fields in the dialog include: Predefined Setup: user-defined pickup setup, Index/Reset Position: [Warning Icon] 1), BTDC, Adjust, Pickup Sensitivity: user-defined, Trigger Disc Type, Default = NONE, Nominal Speed, Overspeed, and Max. Power-On Speed.



Risk of engine damage

When an engine is put into operation, the **index/reset position**¹⁾ and the **base timing**²⁾ must be checked and adjusted if necessary. Incorrect entries can cause serious engine damage.

DISTRIBUTION

Customers / others	Yes
Representatives and Sales Partners	Yes
OEM partners	No
MOTORTECH subsidiaries	Yes

Product Information

Wiring of the Pickups

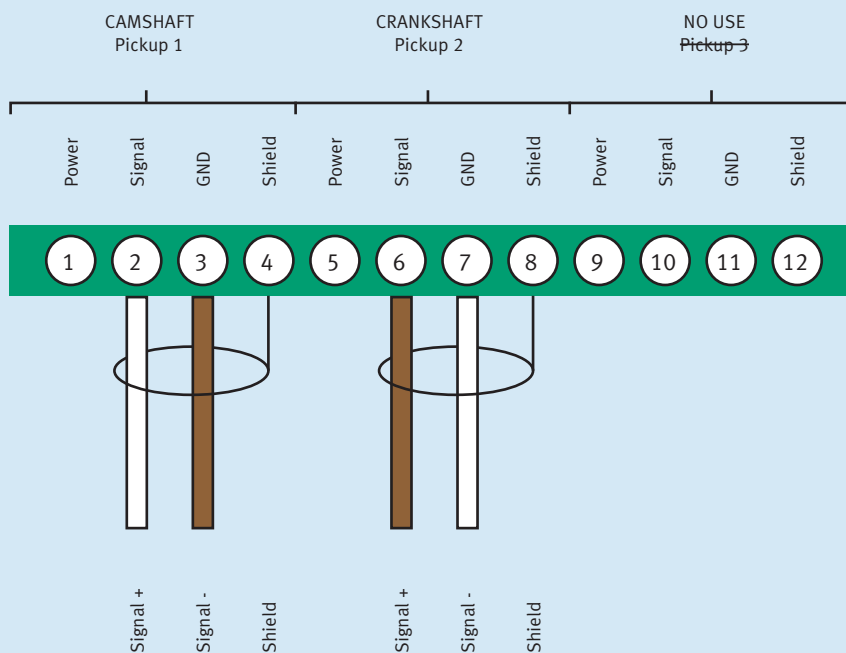
MIC3+ Ignition Controller

The input harness included in the scope of supply of the ignition kits is equipped with the appropriate connections for both pickups and wired accordingly at the unit connector. Connect the appropriate leads to the mounted pickups as follows:

- Pickup 1: Pickup Camshaft, 6+1
- Pickup 2: Pickup Crankshaft, 60-2

MIC4 Ignition Controller

MIC4 ignition kits contain separate pickup leads that must be wired to the connector inside the controller as follows:



DISTRIBUTION

Customers / others	Yes
Representatives and Sales Partners	Yes
OEM partners	No
MOTORTECH subsidiaries	Yes

Product Information

Ordering Information – Standard-Ignition Kits for MAN® E3262 E302 / LE2x

P/N	Description	Ignition Controller	Spark Plug Lead fits
75.00.720-181	Ignition kit	MIC3+	BOSCH® 7308, DENSO® GL3-X
75.00.720-182	Ignition kit	MIC3+	MOTORTECH B8324, BERU® 18GZ5-77-2
75.00.721-181	Ignition kit	MIC4	BOSCH® 7308, DENSO® GL3-X
75.00.721-182	Ignition kit	MIC4	MOTORTECH B8324, BERU® 18GZ5-77-2

Ordering Information – Pickup Wiring for MIC3+ and MIC4 Ignition Controllers

If an engine is replaced on a site and an engine with the new configuration is used in the future, the ignition system can continue to be used except for the pickup and its wiring. For the adaptation of the triggering to the new engine configuration the pickup wiring can be ordered separately.

P/N	Description	Ignition Controller	Qty per Engine
06.02.061-4000	Input harness, length 4 m	MIC3+ – 66.00.350-12 MIC4 – 66.00.424-16	1
06.71.231-10000	Pickup lead, length 10 m	MIC4 – 66.00.410-12	2

Other lengths available on request.

DISTRIBUTION

Customers / others	Yes
Representatives and Sales Partners	Yes
OEM partners	No
MOTORTECH subsidiaries	Yes