

# Valve Cover Conversion Kit with Flange Safety Device for Spark Plug Leads

For MAN® E32 Series Gas Engines



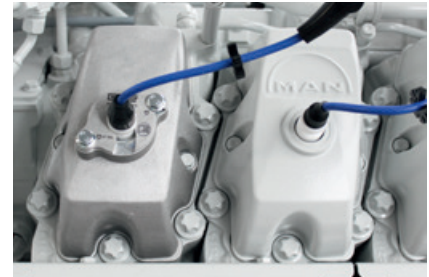
**Gas Engine Equipment**  
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# Overview

## Valve Cover Conversion Kit with Flange Safety Device for Spark Plug Leads

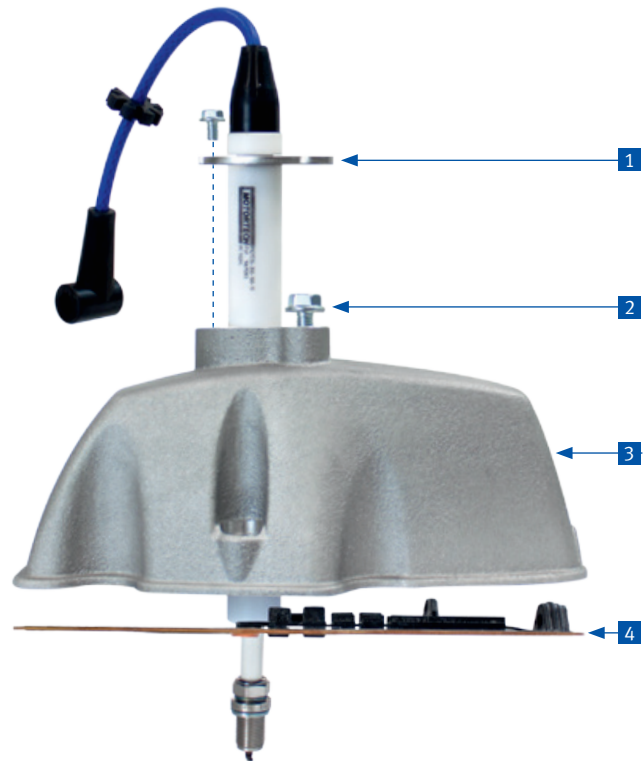
A defective or damaged spark plug due to incorrect installation cannot only affect the engine operation. The enormous pressures, especially of the latest engine designs, can be the reason a defective spark plug or parts of it are catapulted out of the cylinder like a bullet. This means danger to life and limb of service or operating staff working in the close engine environment.

The conversion kit designed by MOTORTECH reduces the danger on site. The spark plug lead is fixed with a safety flange directly on the valve cover with its appropriate support. The spark plug well is closed so tightly, that the release of components gets prevented and operational safety is increased.



### Characteristics & Features

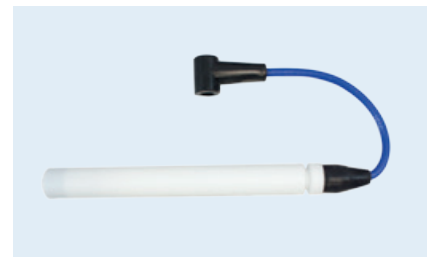
- Kit includes all items for easy conversion
- Valve cover with included flange support and valve cover gasket for all MAN® E32 series gas engines
- Safety flange for fixing the spark plug lead
- The innovative flange design allows easy locking and unlocking of the spark plug lead when service is required
- Specially designed PolyMot™ spark plug leads with embedded groove in the Teflon insulator to take up the safety flange
- The spring-loaded secondary terminal guarantees a reliable connection of the spark plug and the spark plug lead
- A variety of PolyMot™ spark plugs leads is available to fit different spark plugs and ignition coil types (optional)



Valve cover with flange support and valve cover gasket



Safety flange for spark plug lead



PolyMot™ spark plug lead with embedded groove for safety flange

# Operating Principle



The flange with the locked spark plug lead is fixed on the valve cover with two screws to prevent the release of components from the spark plug well.



To unlock the spark plug lead the two screws just have to be loosened. The safety flange can now be turned aside on the flange support.



The spark plug lead can then be removed for replacing spark plugs or other service activities.

## Ordering Information – Conversion Kit

P/N	Description	Equivalent to	Qty. per Cylinder
64.01.055	Valve cover conversion kit for MAN® E32 series gas engines		1 pc.
	<i>Contains:</i>		
	1 Safety flange for spark plug lead	51.25441-0913	1 pc.
	2 Hexagon head screws for fixing the flange on the valve cover		2 pc.
	3 Valve cover with flange support	51.03401-5109	1 pc.
	4 Valve cover gasket	51.03905-0186	1 pc.

## Ordering Information – PolyMot™ Spark Plug Leads (need to be ordered separately) <sup>1)</sup>

P/N	Description	For Use with		Qty. per Cylinder
		Ignition Coil	Spark Plug	
06.85.1073-18	PolyMot™ spark plug lead	06.50.100, 06.50.104, 06.50.112, 06.50.300	BERU® 14GZ-LL	1 pc.
06.85.1074-18	PolyMot™ spark plug lead	06.50.100, 06.50.104, 06.50.112, 06.50.300	DENSO® GL3-3/GL3-5, BOSCH® 7308	1 pc.
06.85.1078-18	PolyMot™ spark plug lead	06.50.100, 06.50.104, 06.50.112, 06.50.300	DENSO® GE3-1/GE3-5, BERU® 14R-4DIU2	1 pc.
06.85.1079-18	PolyMot™ spark plug lead	06.50.100, 06.50.104, 06.50.112, 06.50.300	MOTORTECH B4321	1 pc.
06.85.1080-18	PolyMot™ spark plug lead	06.50.100, 06.50.104, 06.50.112, 06.50.300	MOTORTECH B8324	1 pc.

<sup>1)</sup> Other spark plug lead versions available on request.

## Ordering Information – Accessories

P/N	Description	Equivalent to	Qty. per Cylinder
75.10.621	Safety flange for spark plug lead, incl. hexagon head screws for fixing the flange on the valve cover <sup>1)</sup>	51.25441-0913	1 pc.

<sup>1)</sup> Already included in conversion kit P/N 64.01.055.

## Download now!



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