# Sales & Service Bulletin

No. 2022/17 | November 24, 2022 | Page 1/2



### Product Update

# Product Change – VariFuel2-TEM **Air/Gas Mixer for MWM® Gas Engines**

## Change of stepper motor for 200-120 and 250-150 product versions

The MOTORTECH VariFuel2-TEM Air/Gas Mixer will be supplied with a new improved stepper motor and wiring harness with immediate effect.

The product functionality, flanges and the connectivity to existing TEM-Evo® Gas Engine Controls is not affected. In a case of a needed repair, the old actuator can be replaced in the field using the new repair kits.



### Improvements

- New stepper motor type
- Improved traction relief with fixed M10 metal screw at stepper motor
- Improved PVC harness







#### **MOTORTECH GmbH**

Hogrevestr. 21-23 29223 Celle, Germany Phone: +49 5141 - 93 99 0 Fax: +49 5141 - 93 99 99 www.motortech.de motortech@motortech.de

### **MOTORTECH AMERICAS, LLC** 1400 Dealers Avenue, Suite A

New Orleans, LA 70123 Phone: +1 504 355 4212 Fax: +1 504 355 4217 www.motortechamericas.com info@motortechamericas.com

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

Copyright 2022 MOTORTECH GmbH, All rights reserved.

mon law trademarks of MOTORTECH GmbH. All other trademarks gos used or shown in the publication are the property of the tive rights holders and are used for reference purposes only.

The specifications mentioned in this document are subject to change without notice. All information and images are provided without

# Sales & Service Bulletin

No. 2022/17 | November 24, 2022 | Page 2/2



### Product Update

### Ordering Information

P/N	Description	Equivalent to
30.45.200-120DG-XA	VariFuel-TEM with 1 sensor as 1:1 replace of RMG mixer with TEM-Evo $^{\circ}$ controller	MWM TBG 616 V8, V12, V16 MWM TCG2016 V8, V12, V16 MWM TBG 616 V8, V12, V16 MWM TCG2016 V8, V12, V16 MWM TBG 616 V8, V12, V16 MWM TCG2016 V8, V12, V16
30.45.200-120DG-XA2	VariFuel-2PU with 2 sensors 0/100% for any PLC that requires 0/100% fuel ring position feedback	
30.45.200-120D-XA	VariFuel with MOTORTECH stepper motor. Needs a stepper motor card with ALL-IN-ONE or InteliSys Gas controller	
30.45.250-150DG-XA	VariFuel-TEM with 1 sensor as 1:1 replace of RMG mixer with $\rm MWM^{\otimes}$ TEM-Evo^ $\rm e$ controller	MWM TBG 620 V12 MWM TBG 620 V16 MWM TCG2020 V12 MWM TCG2020 V16
30.45.250-150DG-XA2 (consult factory)	VariFuel-2PU with 2 sensors 0/100% with any PLC that requires 0/100% fuel ring position feedback	
30.45.250-150D-XA	VariFuel with MOTORTECH stepper motor. Needs a stepper motor card with ALL-IN-ONE or InteliSys Gas controller	

### **Repair Kits**

P/N	Description	
31.01.996-2A	Stepper motor kit with new actuator for all VariFuel2-TEM versions	
31.01.996-1-200-120A	Basic repair kit for VariFuel2-TEM 200-120	
31.01.997-3-200-120B	Inlet nozzle kit VariFuel2-TEM 200-120	
31.01.997-1-250-150B	Basic repair kit for VariFuel2-TEM 250-150	
31.01.997-3-250-150	Inlet nozzle kit VariFuel2-TEM 250-150	

Flowbodies on request and depending on application

#### **MOTORTECH GmbH**

Hogrevestr. 21-23 29223 Celle, Germany Phone: +49 5141 - 93 99 0 Fax: +49 5141 - 93 99 99 www.motortech.de motortech@motortech.de

### MOTORTECH AMERICAS, LLC

1400 Dealers Avenue, Suite A New Orleans, LA 70123 Phone: +1 504 355 4212 Fax: +1 504 355 4217 www.motortechamericas.com info@motortechamericas.com

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

### © Copyright 2022 MOTORTECH GmbH. All rights reserved.

MOTORTECH products and the MOTORTECH logo are registered and/ or common law trademarks of MOTORTECH GmbH. All other trademarks and logos used or shown in the publication are the property of the respective rights holders and are used for reference purposes only.

The specifications mentioned in this document are subject to change without notice. All information and images are provided without guarantee.