

VariFuel Series – Overview of Repair Kits and Tools

To ensure flawless operation of all VariFuel series (VariFuel2, VariFuel2+, VariFuel2-TEM and VariFuel3), they should be serviced and cleaned regularly. Beside factory overhauls, MOTORTECH offers various repair-kits and tool-sets to maintain all series and variants.

For an exchange of stepper motors there are Stepper-motor kits. For replacements of belts and fuel rings, there are Basic kits. All available kits and tools are listed below.



Basic kit



Stepper motor kit



Gauge ports kit



VariFuel2/VariFuel2+
MOTORTECH AIR/GAS MIXER



VariFuel3
MOTORTECH AIR/GAS MIXER



VariFuel2-TEM
MOTORTECH AIR/GAS MIXER

Ordering Information

Repair-kits for VariFuel2/2+ series

P/N	Description	VariFuel2 and VariFuel2+ series (P/N:30.45.xxx-xxx)							
		100-50*	100-60	140-65*	140-80	200-100*	200-120	250-150	300-190
	Repair Kits - Basic								
31.01.997-1-100-60	Basic repair kit VariFuel2 100-60		x						
31.01.997-1-140-65	Basic repair kit VariFuel2 140-65			x					
31.01.997-1-140-80	Basic repair kit VariFuel2 140-80				x				
31.01.997-1-141-80	Basic repair kit VariFuel2+ 30.45.141-80D				x				
31.01.997-1-200-100A	Basic repair kit VF2 series 200-100 until S/N: 05010012					x			
31.01.997-1-200-100B	Basic repair kit VF2 series 200-100 from S/N: 05010267					x			
31.01.997-1-200-120A	Basic repair kit VariFuel2 200-120 until S/N: 05015009						x		
31.01.997-1-200-120B	Basic repair kit VariFuel2 200-120 from S/N: 05015201						x		
31.01.997-1-201-120	Basic repair kit VariFuel2+ 30.45.201-120D						x		
31.01.997-1-250-150	Basic repair kit VariFuel2 250-150							x	
31.01.997-1-300-190	Basic repair kit VariFuel2 300-190								x
	Repair Kits - Stepper Motor								
31.01.997-2-B	Stepper motor repair kit VariFuel2 100-300 Rev B		x	x	x	x	x	x	x
31.01.118	Stepper motor with encoder VariFuel2	x	x	x	x	x	x	x	x
	Repair Kits - Gauge Port								
31.01.997-4	Gauge ports repair kit VariFuel series	x	x	x	x	x	x	x	x
	Tools								
31.01.948-100-50	VariFuel2 adjustment tool for belt tension	x	x						
31.01.948-140	VariFuel2 adjustment tool for belt tension			x	x				
31.01.948-200	VariFuel2 adjustment tool for belt tension					x	x		
31.01.943	VariFuel2/3 locking tool for toothed pulley	x	x	x	x	x	x	x	x
31.01.949	VariFuel2/3 tool for inspection window	x	x	x	x	x	x	x	x

Ordering Information

Repair kits for VariFuel3 series

P/N	Description	VariFuel3 series 30.48.xxx-xxx	
		140-80	200-120
	Repair Kits - Basic		
31.01.994-1-140-80	Basic repair kit VariFuel3 140-80	X	
31.01.994-1-200-120A	Basic repair kit VariFuel3 200-120		X
	Repair Kits - Stepper Motor		
31.01.994-2B	Stepper motor repairkit VariFuel3	X	X
	Repair Kits - Gauge Port		
31.01.997-4	Gauge ports repair kit VariFuel series	X	X
	Tools		
31.01.993-140	VariFuel3 adjustment tool for belt tension	X	
31.01.993-200	VariFuel3 adjustment tool for belt tension		X
31.01.943	VariFuel2/3 locking tool for toothed pulley	X	X
31.01.949	VariFuel2/3 tool for inspection window	X	X

Repair kits for VariFuel2-TEM (MWM® Engines)

P/N	Description	VariFuel2-TEM series 30.45.xxx-xxxD-XA/DG-XA	
		200-120	250-150
	Repair Kits - Basic		
31.01.996-1-200-120A	Basic repair kit VariFuel2 200-120-TEM	X	
31.01.996-1-250-150A	Basic repair kit VariFuel2 250-150-TEM		X
	Repair Kits - Stepper Motor		
31.01.996-2A	Stepper motor repairkit VariFuel2-TEM	X	X
	Repair Kits - Gauge Port		
31.01.997-4	Gauge ports repair kit VariFuel series	X	X