TEREX

SHOP MANUAL

Document 57.4400.0100 Edition 01/15/02

Light Capability Rough Terrain Forklift (LCRTF)

TX 51-19M

CONTRACT NO. M67854-00-C-3014



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17.3 ELECTRICAL TROUBLESHOOTING CONT'D

FAULT	CAUSE	SOLUTION
The light switch does not function	No 24V power	Check with a tester and restore the circuit
	The lever is damaged	Change
The front or rear windshield wiper does not function	No 24V power	Check with a tester and restore the circuit
	The motor is shorted	Change the motor
	The fuse is broken	Change Fuse F18
	The lever is damaged	Change
The heater does not function	No 24V power	Check with a tester and restore the circuit
	The heater motor 37 is shorted	Change the motor
	The fuse is broken	Change the Fuse F22
	The water cock is blocked or damaged	Change
	The air conveying line are clogged or broken	Check and rectify the problem

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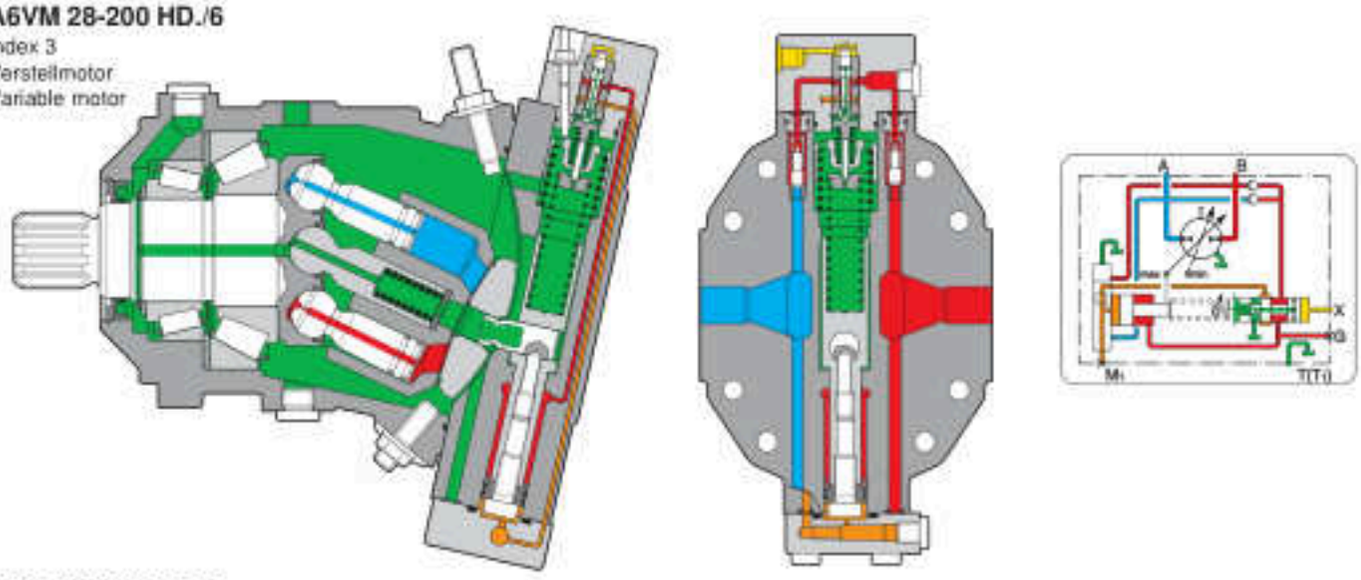
Depth of valve head below cylinder head face	
- UA and UC engines	0,521/0,887 mm (0.021/0.035 in)
- UB engines	0,408/0,771 mm (0.016/0.030 in)
Service limit	
- UA and UC engines	1,14 mm (0.045 in)
- UB engines	1,03 mm (0.041 in)
Overall length of valve	
- UA and UC engines	106,125/106,475mm (4.1781/4.1919 in)
- UB engines	106,275/106,625 mm (4.1841/4.1978 in)
Seal arrangement	Rubber seal fitted to valve guide
Valve springs	
Fitted length	32,0 mm (1.26 in)
Load at fitted length	375/415 N (84.4/93.2 lbf) 38,3/42.3 kgf
Number of active coils	3,9
Direction of coils	Left hand
Tappets	
Diameter of tappet stem	26,959/26,980 mm (1.0613/1.0622 in)
Diameter of tappet bore in cylinder block	27,000/27,021 mm (1.0631/1.0641 in)
Clearance of tappet in cylinder block	0,020/0,062 mm (0.0008/0.0024 in)
Rocker shaft	
Outside diameter	21,962/21,987 mm (0.8646/0.8656 in)
Rocker levers	
Bore diameter	22,013/22,051 mm (0.8667/0.8681 in)
Clearance fit on rocker shaft	0,026/0,084 mm (0.0010/0.0033 in)
Maximum permissible clearance	0,124 mm (0.0048 in)
Valve tip clearances (cold)	0,35 mm (0.014 in)

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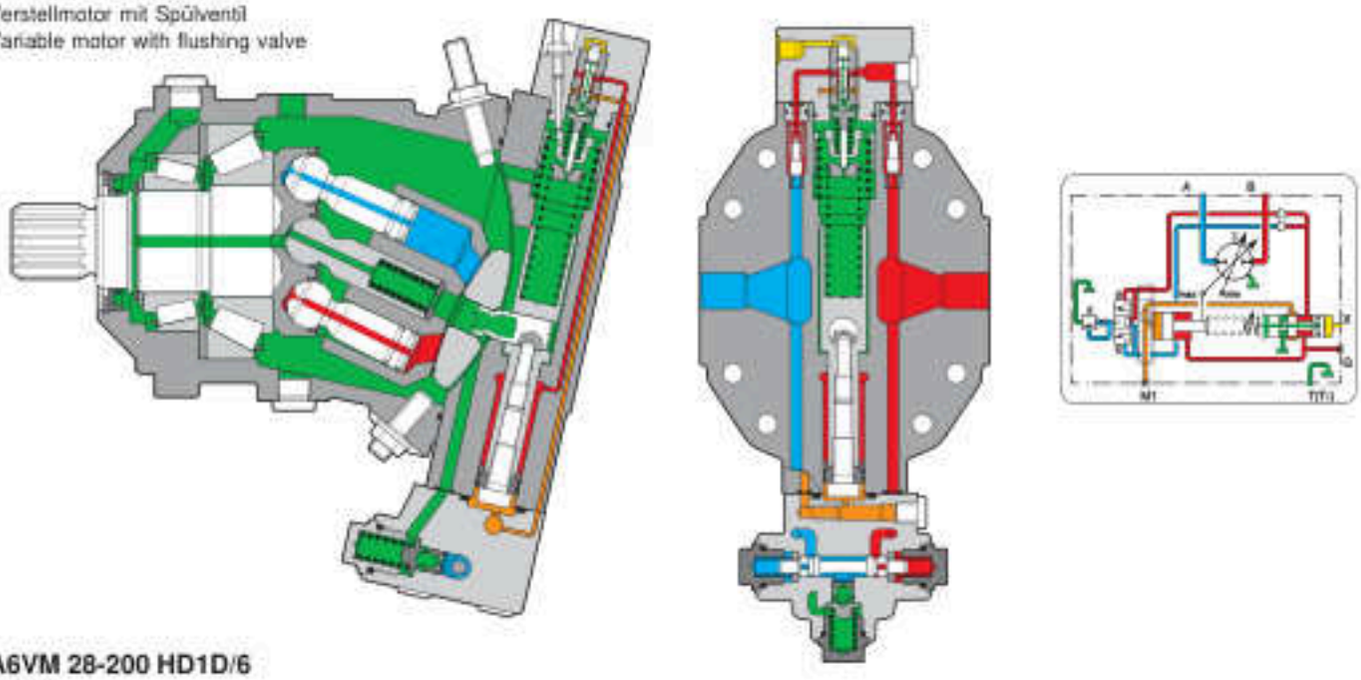
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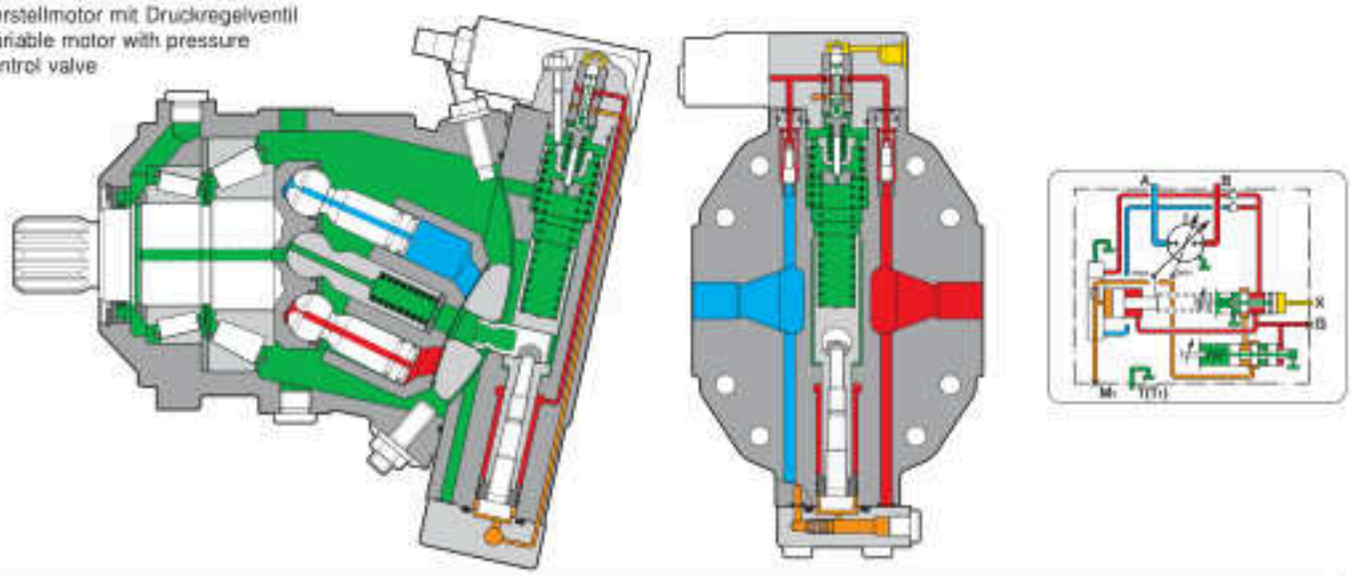
A6VM 28-200 HD./6
Index 3
Verstellmotor
Variable motor



A6VM 28-200 HD./6
Index 3
Verstellmotor mit Spülventil
Variable motor with flushing valve

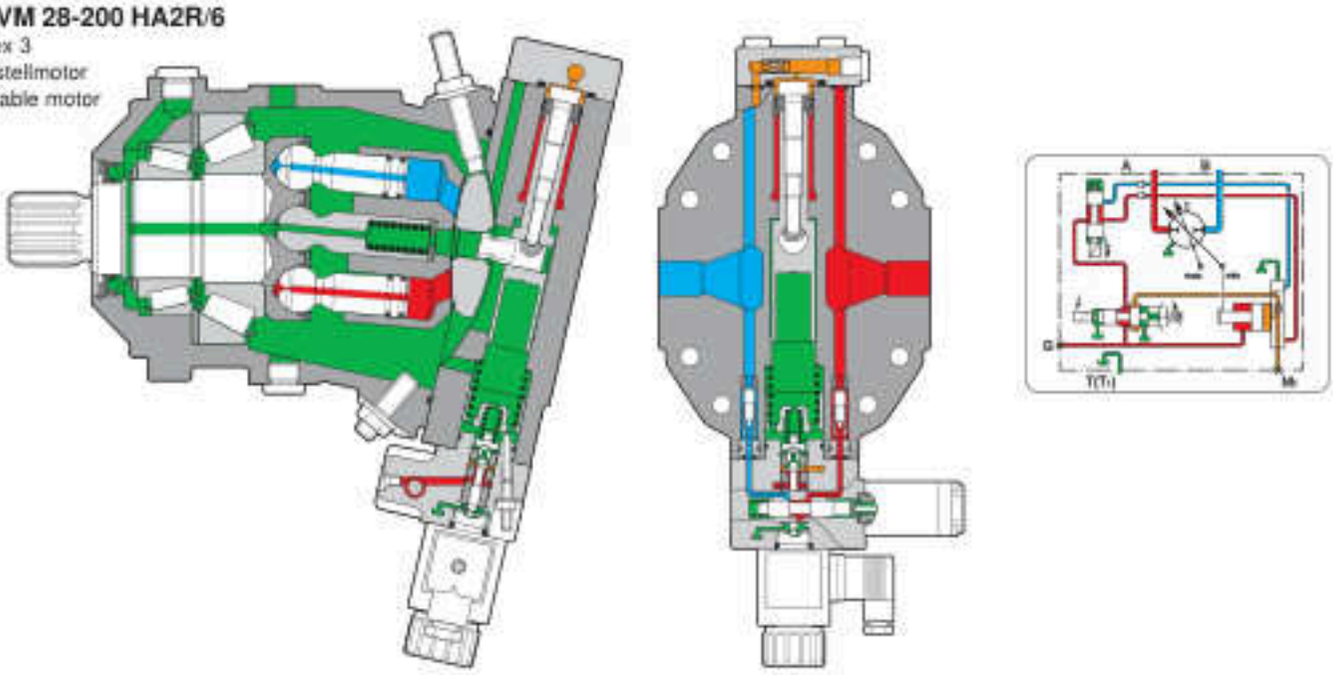


A6VM 28-200 HD1D/6
Index 3
Verstellmotor mit Druckregelventil
Variable motor with pressure control valve

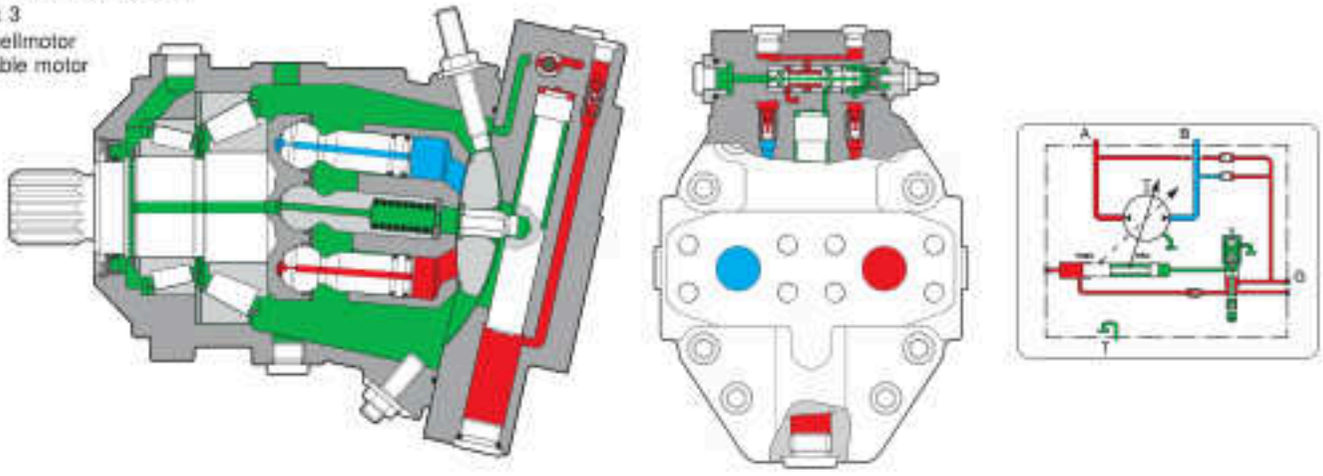


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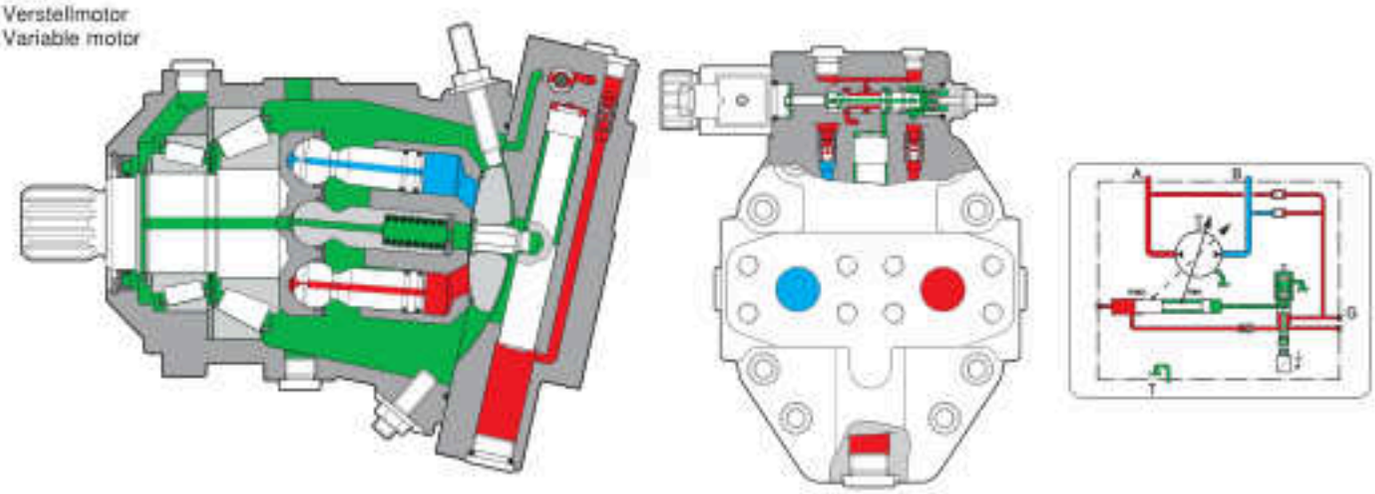
A6VM 28-200 HA2R/6
Index 3
Verstellmotor
Variable motor



A6VM 55-107 HA3/6
Index 3
Verstellmotor
Variable motor



A6VM 55-107 HA3U/6
Index 3
Verstellmotor
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SPECIAL TOOLS LIST

TX51-19M Light Capability Rough Terrain Forklift

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Where Used & OEM Name	Tool Description	Terex Tool Part Nbr.	OEM Tool Part Nbr.	Other Supplier	
				Tool Part Nbr.	Name
Diesel Engine - Perkins Engine Company					
Crankshaft & Flywheel	Drive Handle		21825639	MS.550	Churchill / Kent Moore
Crankshaft & Flywheel	Front crank seal replacer		21825577	PD.170	Churchill / Kent Moore
Crankshaft & Flywheel	Rear oil seal replacer Tool (use with 21825639)		27610021	PD.255	Churchill / Kent Moore
Crankshaft & Flywheel	Front crank seal replacer		21825577	PD.170	Churchill / Kent Moore
Crankshaft & Flywheel	Adapter, main tool to crankshaft nose (use with 21825577)		27610026	PD.259	Churchill / Kent Moore
Crankshaft & Flywheel	Adapter for front oil seal (use with 21825577)		27610027	PD.260	Churchill / Kent Moore
Cylinder Block & Crankcase	Rubber strip seal installer		27610013		
Cylinder Head	Adapter for valve spring compressor (used with 21825666)				
Fuel System	Kit, governor arm lock, Clamp Tool		27610018	PD.254	Churchill / Kent Moore
Fuel System	Rack position Tool (use with 27610018)		27610089		
Timing Tools	Idler gear hub replacer (use with 21825639)		27610022	PD.256	Churchill / Kent Moore
Timing Tools	Adapter, Remover Idler gear hub (use with 21825589)		27610025	PD.258	Churchill / Kent Moore

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