

4. TOOLS: VT104-G7, G8(NG), G9

4.1. Complete Tool Box: VT104-G7, G8(NG), G9


Complete Tool Box ML2_VT104_G7, G8, G9			
Part #	Material	Description	Pump Generation
22659	various	Complete Tool Box Maintenance Level 2	G7, G8, G9


NOTES:


To replace a missing or damaged tool, simply place an order with PROCESSTEC, Inc. using the part numbers that are listed below.





4.2. Specific Tools ML2: VT104-G7, G8(NG), G9

T0038_Spindle Wrench_VT104, VT130_G7, G8, G9					for Pos. 2180
Part #	Customer Reference	Material	Tool #	Pump Generation	
12567		ALU	T0038	G7, G8, G9	
<p>NOTES: <i>To loosen and tighten Spindle Bolts</i></p>					

T0047_Mounting Cone for Shaft Seal Ring Gear Housing_VT104_G7, G8, G9					for Pos. 1010/1183
Part #	Customer Reference	Material	Tool #	Pump Generation	
12587		304	T0047	G7, G8, G9	
<p>NOTES:</p>					


T0082_Press Fitting Mandrel Shaft Sealing Ring_VT104_G7, G8, G9					for Pos. 1010
Part #	Customer Reference	Material	Tool #	Pump Generation	
18776		304	T0082	G7, G8, G9	
NOTES:					

T0083_Mounting Cone Shaft Seal Ring Bearing Housing_VT104_G7, G8, G9					for Pos. 1111/2322
Part #	Customer Reference	Material	Tool #	Pump Generation	
12569		304	T0083	G7, G8, G9	
NOTES:					


Pump Drive Shaft Locking Tool					for Pos. 3000/2247
Part #	Customer Reference	Material	Size	Pump Generation	
21768		316	--	G8, G9	
NOTES:					

4.3. General Tools ML2 and ML3: VT104-G7, G8(NG), G9

Torque Wrench Large				
Part #	Customer Reference	Material	Size	Pump Generation
21852		--	1/2" Drive, 30-340Nm	G7, G8, G9
<p>NOTES: <i>For high torque application</i></p>				



Torque Wrench Medium				
Part #	Customer Reference	Material	Size	Pump Generation
21851		--	3/8" Drive, 10-135Nm	G7
<p>NOTES: <i>For medium torque application</i></p>				





Torque Wrench Small				
Part #	Customer Reference	Material	Size	Pump Generation
21873		--	1/4" Drive, 2.5-25Nm	G7, G8, G9
<p>NOTES: <i>For small torque application</i></p>				





Hex Nut 10mm					for Pos. per Torque Table
Part #	Customer Reference	Material	Size	Pump Generation	
21853		--	1/2" Drive, 10mm	G7	
<p>NOTES: <i>Operate on positions per chart</i></p>					





Hex Nut 13mm					for Pos. per Torque Table
Part #	Customer Reference	Material	Size	Pump Generation	
21854		--	1/2" Drive, 13mm	G7	
<p>NOTES: <i>Operate on positions per chart</i></p>					


Hex Nut 16mm					for Pos. per Torque Table
Part #	Customer Reference	Material	Size	Pump Generation	
21915		--	1/2" Drive, 16mm	G7, G8, G9	
<p>NOTES: <i>Operate on positions per chart</i></p>					


Hex Nut 17mm					for Pos. per Torque Table
Part #	Customer Reference	Material	Size	Pump Generation	
22108		--	1/2" Drive, 17mm	G8, G9	
<p>NOTES: Operate on positions per chart</p>					


Hex Nut 18mm					for Pos. per Torque Table
Part #	Customer Reference	Material	Size	Pump Generation	
21910		--	1/2" Drive, 18mm	G7	
<p>NOTES: Operate on positions per chart</p>					


Hex Nut 19mm					for Pos. per Torque Table
Part #	Customer Reference	Material	Size	Pump Generation	
21855		--	1/2" Drive, 19mm	G7	
<p>NOTES: <i>Operate on positions per chart</i></p>					


Hex Nut 22mm					for Pos. per Torque Table
Part #	Customer Reference	Material	Size	Pump Generation	
21911		--	1/2" Drive, 22mm	G7	
<p>NOTES: <i>Operate on positions per chart</i></p>					


Hex Nut 24mm					for Pos. per Torque Table
Part #	Customer Reference	Material	Size	Pump Generation	
21856		--	1/2" Drive, 24mm	G7	
<p>NOTES: <i>Operate on positions per chart</i></p>					


Hex Nut 27mm					for Pos. per Torque Table
Part #	Customer Reference	Material	Size	Pump Generation	
21857		--	1/2" Drive, 27mm	G7, G8, G9	
<p>NOTES: <i>Operate on positions per chart</i></p>					


Hex Nut 30mm					for Pos. per Torque Table
Part #	Customer Reference	Material	Size	Pump Generation	
21858		--	1/2" Drive, 30mm	G7, G8, G9	
<p>NOTES: <i>Operate on positions per chart</i></p>					


Hex Nut 32mm					for Pos. per Torque Table
Part #	Customer Reference	Material	Size	Pump Generation	
21912		--	1/2" Drive, 32mm	G7, G8, G9	
<p>NOTES: <i>Operate on positions per chart</i></p>					


Hex Socket Bits Set (13 Piece)				for Pos. see Notes
Part #	Customer Reference	Material / Size	Pump Generation	
21828		CVS / 2mm to 14mm	G7, G8, G9	
<p>NOTES: Operate on positions per chart For Pos. 1008, 2246, 2247, 2248, 2258</p>				

Pliers					for Pos. 1183
Part #	Customer Reference	Material	Size	Pump Generation	
21844		--	--	G7, G8, G9	
<p>NOTES:</p>					


Hex Socket Screw Driver 7mm_G7, G8, G9					for Pos. 2287/3532
Part #	Customer Reference	Material	Size	Pump Generation	
21913		--	7mm	G7, G8, G9	
NOTES:					

Hex Socket Screw Driver 8mm_G8, G9					for Pos. 3002
Part #	Customer Reference	Material	Size	Pump Generation	
22405		--	8 mm	G8, G9	
NOTES:					


Hex Socket Screw Driver 10mm_G7, G8, G9					for Pos. 2259/3533
Part #	Customer Reference	Material	Size	Pump Generation	
21914		--	10mm	G7, G8, G9	
NOTES:					


Feeler Gauge Metric					
Part #	Customer Reference	Material	Size	Pump Generation	
21847		303	--	G7, G8, G9	
NOTES: <i>Long blades to verify gaps in Spindles, Housing</i>					


Set of Small Hooks for Removal of O-Rings				
Part #	Customer Reference	Material	Size	Pump Generation
21848		SS	--	G7, G8, G9
<p>NOTES: <i>Operate on positions per chart</i></p>				





Hex Socket Extension				
Part #	Customer Reference	Material	Size	Pump Generation
21874		--	9"	G7
<p>NOTES: <i>For 1/2" drive</i></p>				




Breaker Wrench					for Pos. 4410
Part #	Customer Reference	Material	Size	Pump Generation	
22488		--	1/2" Drive, 18" long	G7, G8, G9	
NOTES:					

Grease Tube					for Pos. various for Elastomers
Part #	Customer Reference	Material	Size	Pump Generation	
22260		--	--	G7, G8, G9	
NOTES:					

Open Spanner (Wrench) 10mm					for Pos. 3002
Part #	Customer Reference	Material	Size	Pump Generation	
22489		--	10mm	G7, G8, G9	
NOTES:					

Wrench for Operating Hex Nuts					for Pos. 2532/2533
Part #	Customer Reference	Specific Model Name	Size	Pump Generation	
21849		Wrench for Operating Hex Nuts 3/8" drive	3/8" drive	G7	
21850		Wrench for Operating Hex Nuts 1/2" drive	1/2" drive	G7	
NOTES:					

Flat Tire Lever					for Pos. 4000
Part #	Customer Reference	Material	Size	Pump Generation	
21846		--	24"	G7	
<p>NOTES: <i>Blocking of the Coupling on G7 Pumps to loosen or tighten Spindle</i></p>					