

Technical Service Bulletin			
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Title: Crem Expobar Line, Parker Valve Material Improvements

Old parts no longer used / New parts to be implemented:

OLD Part – soon no longer available:	NEW Part – available soon: (no new PNs, only part revisions)	For Machine Types:
60000112 – Group Head Electrov. Parker 220V	60000112 – Group Head Electrov. Parker 220V	Crem (Expobar) Line of semi-automatic espresso machines with capsule group and/or Turbo Steamer option
60000122 - EV 1/4 DIA1,5 220V CAPSULE	60000122 - EV 1/4 DIA1,5 220V CAPSULE	
60000115 - Group Head Electrov. Parker 110V	60000115 - Group Head Electrov. Parker 110V	
60000120 - EV Turbo Steamer	60000120 - EV Turbo Steamer	

Implemented from first serial number:

- Pending implementation

Change information:

To improve the material safety of their valve products, our supplier (Parker) has eliminated the nickel coating on their valve components for the part numbers listed above. Additionally, the valves now use bright brass casting, which replaces the leaded brass used previously. Both of these improvements reduce potential for heavy metal migration and potential contamination within the coffee water/steam which improves in cup quality and customer safety.

NOTE: This is not a critical safety improvement, but rather a continuing product improvement. The risk of dangerous heavy metal migration and contamination is extremely low and should not be a concern for machines in the field or for machines already assembled and stocked for sale. No rework is needed to replace existing valve parts, and the current stock of assembly components is fully acceptable for use in production and as spare parts, and should be used up, not scrapped.

Backward compatibility:

This version is fully backward compatible for all machines utilizing the part numbers above.

Machines in the field:

This is not a critical field update, therefore machines in the field can be updated at the discretion of the owner/vendor as part of the next scheduled technical service visit at their own expense.

Warranty information:

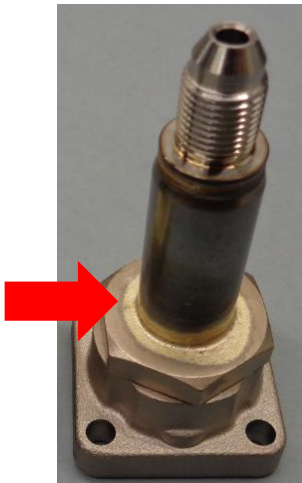

Machines which experience a failure while under warranty will be repaired using the part numbers listed above, either with old or new stock.



Spare part information:

The improved parts will be the spare parts in all cases, after Final TSB is issued, either with old or new spares stock.



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Part improvements:

Old Version: PN 60000112 (220V) / PN 60000115 (110V)	New Version: PN 60000112 (220V) / PN 60000115 (110V)
 <p>Original design used leaded brass with nickel coating on most surfaces. (Note: electronic control mechanism removed from valve to show detail.)</p>	 <p>Improved design uses bright brass without coating. (Note: electronic control mechanism removed from valve to show detail.)</p>

Old Version: PN 60000120	New Version: PN 60000120
 <p>Original design used leaded brass with nickel coating on most surfaces. (Note: material changes are internal, not visible from outside. Old version is identified by marking "G1519" as circled above.)</p>	 <p>Improved design uses bright brass without coating. (Note: material changes are internal, not visible from outside. New version is identified by marking "G3619" as circled above.)</p>

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Old Version: PN 60000122	New Version: PN 60000122
 <p>Original design used leaded brass with nickel coating on most surfaces. (Note: material changes are internal, not visible from outside. Old version is identified by marking "G2619" as circled above.)</p>	 <p>Improved design uses bright brass without coating. (Note: material changes are internal, not visible from outside. New version is identified by marking "G3719" as circled above.)</p>