



AQ Matic Valve & Controls Company, Inc.

June 20, 2017

PERFORMANCE BULLETIN 100

K52 Series Diaphragm & Seal Kit Update

The K52 Series Diaphragm & Seal Kits will be changed to remove the “Old” style rubber components. These “Old” components were used on valves made prior to 1998, most easily identified by blue bodies and caps. Since 1998, the K52 series valves have been black in color and use the “New” style internal components. All rubber parts required to repair black valves made after 1998 will be included in the updated Diaphragm & Seal kits.

As a result of this change, when repairing a K52 series valve with blue body and cap, both a Diaphragm & Seal Kit (model ending in -RAN, -RAVN, -RAJN, ect) and Internal Parts Kit (model ending in -RF, -RG, ect) will be required. Current Internal Parts Kits will fit into older blue valves, as long as the Diaphragm & Seal Kit is also changed at the same time.

Kit Part Numbers will remain unchanged through this update. The “Old” style parts will be available as individual items, but no longer included in the Diaphragm & Seal Kits.



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A list of the affected kits is below:

Kit PN	Kit Model	Description	Notes
1081783	520-RAJN	KIT,520,D&S,BUTYL	Remove 1074962
1081784	520-RAN	KIT,520,D&S,EP	Remove 1074962 & 1078335
1081787	520-RAVN	KIT,520,D&S,FKM,FB	Remove 1074962
1081791	521-RAJN	KIT,521,D&S,BUTYL	Remove 1071671, 1075034, 1078339
1081792	521-RAN	KIT,521,D&S,EP	Remove 1071671, 1075033, 1078339
1081794	524-RAN12938	KIT,521,D&S,CSTM	Remove 1075034, 1078339; Reduce 1071671 from 2 to 1 per
1081795	521-RAVFN	KIT,521,D&S,FKM,FV	Remove 1071671, 1075036, 1078339
1081796	521-RAVN	KIT,521,D&S,FKM,FB	Remove 1071671, 1075036, 1078339
1081798	521-RAVN12032	KIT,521,D&S,CSTM	Remove 1071671, 1075036, 1078339
1070274	524-RAN	KIT,524,D&S,EP	Remove 1071670, 1071719, 1077662
1070290	524-RAVN	KIT,524,D&S,VITON	Remove 1071670, 1071789, 1077662
1077591	524-PIN	KIT,524,INT,PI	Remove 1077662
1077592	524-RAJN	KIT,524,D&S,BUTYL	Remove 1071670, 1071761, 1077662
1077593	524-RAVFN	KIT,524,D&S,ALL VITON	Remove 1071670, 1071789, 1077662
1081801	524-RAN70915	KIT,524,D&S,CSTM	Remove 1071670, 1077662; Reduce 1071761 from 2 to 1 per
1071161	K524-LSC	KIT,524,CONV,LS	Remove 1077662
1076307	K524-RGN	KIT,524,INT,NC	Remove 1077662

A list of the affected components is below:

Item PN	Description	Notes
1074962	DIAPHRAGM,520,BUNA	"Old" K520 Buna Diaphragm. Still used on K550
1078335	Drawing 1078336, Series 520 Shadow Board	Obsolete and remove from all BOM's
1071671	O-RING,-016,BUNA	
1075034	DISC,521,BUTYL	"Old" K521 Butyl Disc. Still used on K551
1078339	Drawing 1078340, Series 521 Shadow Board	Obsolete and remove from all BOM's
1075033	DISC,521,EP,FDA	"Old" K521 EPDM Disc. Still used on K551
1075036	DISC,521,FKM,FDA	"Old" K521 FKM Disc. Still used on K551
1071670	O-RING,EP,ORE-015	
1071719	O-RING,EP,ORE-016	
1071789	O-RING,FKM,-016	
1071761	O-RING,BUTYL,ORJ-016	