



# DENTAL COMPRESSOR PM CHECKLIST

## For Oil-less Compressors

Refer to the owner's manual for specific safety information and PM Schedule.

**WARNING:** To avoid personal injury, do not perform these steps while compressor is running. Compressor head and connection tubing is hot during operation. Wait until unit and tubing are cool.

**NOTE:** For models with more than one compressor head, follow the same procedure(s) for each compressor head.

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### PREP

- 1) Remove power from the compressor by first turning the compressor off and then disconnecting the unit from the power source.
- 2) Bleed all the stored air from the system by opening the safety valve. **Note: A loud blast of air will occur when the safety valve is opened.** Make sure the tank pressure gauge reads 0 PSI once the air has been completely exhausted.
- 3) Using a stiff brush, clean between the cooling vanes and ribs on the compressor head and fan, removing any dust and debris. Wipe down the compressor, making note of any visible water stains and investigate potential causes.

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### FILTERS

- When replacing the air intake filters, always work on one element at a time. For air intake filters that are mounted inside the compressor head or housing, use a lint free cloth to clean out dust and debris that may be present. Once the air intake filters have been replaced, write the date on the PM Sticker(s) provided with each filter element and place on or near the air intake filter assembly.
- When replacing the particle, coalescing or carbon filter elements, always work on one element at a time. Elements with downward hanging bowls should be removed slowly as they may be full of water. Once the bowl is removed, unscrew the used element, replace with new element, and check the float for proper function. Replace the **Bowl O-ring** included in this Kit before reinstalling the bowl. Once the elements have been replaced, write the date on the PM Sticker(s) included in this Kit and place in an easily visible location on or near the filter assembly.
- Inspect purge mufflers and exhaust silencers. Replace as needed.

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### INSPECT & CLEAN

- Empty the collection bottle or bucket and replace as needed. Check the tubing that runs to the bottle or bucket for any twists, kinks or damage and replace if necessary.
- Clean and wipe down the compressor, removing any spills or hand prints.
- Reconnect power to the compressor and turn the unit on.

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### FINAL CHECKS

- Watch and listen as the compressor pumps the holding tank back up to capacity (~100 PSI), checking for any air leaks. Make sure the pressure switch turns the compressor off at ~100 PSI.
- Bleed off air and make sure compressor turns back on at ~80 PSI and off again at ~100 PSI. Run several cycles to confirm the pressure switch is functioning properly.
- Check the condition of the Moisture Indicator. For dry air, the color must be blue; pink means that the desiccant drying chamber must be serviced or replaced. Consult the label on the moisture indicator to evaluate moisture content.
- Write the RPI PM Kit Number and date on the PM Sticker included in this Kit and place in an easily visible location on the compressor.



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## OIL-LESS COMPRESSOR PM KITS

### RPI Parts Included In PM Kits

RPI Part #	OEM Part #	Models	Air Intake Filter Elements								Coalescing and Particulate Filter Elements								Tip Seal Kit								
			CMK004	CMK067	CMK069	CMK071	CMK074	CMK281	CMK288	CMF013	CMF073	CMF075	CMK065	CMK043	CMK044	CMK085	CMK102	CMK103		CMK105	CMK107	CMK110	CMK227	CMK024	CMK025	CMK287	
<b>AIR TECHNIQUES</b>																											
CMK141	87351	AirStar 10M, 10NEO & 12M										1			1	1											
CMK142	87352	AirStar 21M, 21NEO, 22M, 22NEO, 30M & 30NEO										2			1	1											
CMK199	87355	AirStar 40M & 40NEO										3			1	1											
CMK143	87353	AirStar 50M & 50NEO										4			1	1											
CMK144	87354	AirStar 70M & 70NEO										6			2	2											
CMK278	87356	AirStar 100M										8			2	2											
<b>APOLLO/MIDMARK®</b>																											
CMK170	ACA85403 & ACA85417	AOCOS11/D/DQ/Q, 12/D/DQ/Q, 21/D/DQ/Q, 22/D/DQ/Q AOCRT21DQ/Q, AOCRT22DQ/Q & R22 (with 10 gal tank)	2																					1			
CMK171	ACA85404	AOCOS31/D/DQ/Q, 32/D/DQ/Q, 42/D/DQ/Q, AOCOT32/D/DQ/Q & 42/D/DQ/Q	4																						1		
CMK172	ACA85406	AOCOT62/D/DQ/Q & 82/D/DQ/Q	8																						1		
CMK270	No OEM Part # Available	AOCRS11 & AOCRS12 (Manufactured before Apollo was acquired by Midmark)								1					1												
CMK271	No OEM Part # Available	AOCRS11 & AOCRS12 (Manufactured after Apollo was acquired by Midmark)	1												1												
CMK273	ACA85418	AOCRR42DQ, R42 & R22 (with 20, 30, or 40 gal tank)	3																						1		
CMK274	ACA85415	AOCOS52, AOCOS52D								1															1		
CMK286	ACA85416	AOCOS52, AOCOS52D								1															1		1
<b>DENTALEZ®/CUSTOM AIR/JUN-AIR/RAMVAC</b>																											
CMK076	004016	1013D, 1023D, 1025D & 1027D		2										1	1												
CMK092	004015	1022		1										1	1												
CMK101	004017	1029T		3										1	1												
CMK145	65468179	CA-812, 822, 912 & 922					1												2								
CMK146	65468180	CA-813-D & 823-D (SN 440537 and below)										2							2								
CMK147	65468186	CA-813/D, 823/D, 913 & 923 (SN 440538 - 631602)										4							2								
CMK191	004444	CA-813/D, 823/D, 913 & 923 (SN 631603 and above)										4							2								
CMK148	65468181	CA-825/D/Q & 925/D (SN 631602 and below)					2												2								
CMK192	004445	CA-825/D/Q & 925/D (SN 631603 and above)					2												2								
CMK149	65468182	CA-827-D & 927-D (SN 631602 and below)					3												2								
CMK193	004446	CA-827-D & 927-D (SN 631603 and above)					3												2								
CMK150	65468183	CA-829-D & 929-D (SN 631602 and below)					4												2								
CMK194	004449	CA-829-D & 929-D (SN 631603 and above)					4												2								
CMK151	65468184	CA-8212-T (SN 631602 and below)					6												2								
CMK195	004447	CA-8212-T (SN 631603 and above)					6												2								
CMK223	005147SP	Osprey 13, Osprey 22, & Osprey 23		2																				1	1		
CMK226	005350SP	Osprey 24		3																				1	1		
CMK224	005148SP	Osprey 25		4																				1	1		
CMK225	005149SP	Osprey 28		6																				1	1		
<b>MATRIX/MIDMARK®</b>																											
CMK161	No OEM Part # Available	OL-100 & 101									3													1			
CMK162	No OEM Part # Available	OL-100-2									5													1			
CMK163	No OEM Part # Available	OL-100-3									6													1			
CMK164	No OEM Part # Available	OL-3, 2000 & 2001					2																	1			
CMK165	No OEM Part # Available	OL-7 & 4000					4																	1			
CMK166	No OEM Part # Available	OL-10 & 6000					6																	1			
<b>MIDMARK®</b>																											
CMK155	77001636	P21 & P22	2																							1	
CMK198	77001636	P32	3																							1	
CMK156	77001610	P52					4																			1	
CMK157	77001611	P72					6																			1	
CMK274	ACA85415	S52								1															1		
CMK286	ACA85416	S52								1															1		1
<b>TECH WEST</b>																											
CMK174	CSKO-1	AC02S1/ND & AC02S2/ND (2005 and earlier)		2																						1	
CMK175	CSKO-1P	AC02S1/ND & AC02S2/ND (2006 and later)		2																				1			
CMK176	CSKO-2	AC04S2/ND & AC04D2/ND (2005 and earlier)					4																			1	
CMK177	CSKO-2P	AC04D2/ND (2006 and later)					4																	1			
CMK178	CSKO-3	AC06T2/ND (2005 and earlier)					6																			1	
CMK179	CSKO-3P	AC06T2/ND (2006 and later)					6																	1			
CMK275	No OEM Part # Available	ACOR2D1, ACOR2D1Q, ACOR2D2, ACOR2D2Q, ACOR3T2 & ACOR3T2Q					1																	1			
CMK277	No OEM Part # Available	ACOR4Q2					1																	1			

Footnotes: <sup>1</sup> This Kit only fits Compressors that have been upgraded with the RPI Air Intake Upgrade Kit (Round Style Housing) (RPI Part #CMK280) <sup>2</sup> Fits only DentaleZ/Custom Air/RamVac Compressors

For a complete list of parts to fit Oil-less Compressors please see our website [www.rpiparts.com](http://www.rpiparts.com)