

(continued) Appendix B. Repairer PMCS

6520-01-272-4531  
Dental Operating Unit, ADEC Model 3406 Porta-Cart

[M-Monthly, Q-Quarterly, S-Semiannually, and A-Annually]

ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
1	S	<p><b>Dental Unit</b></p> <p>a. Conduct an inventory to ensure that the items listed in the Equipment Parts or Accessories List are on hand.</p> <p>b. Inspect components for damage, discoloration, or excessively worn components.</p>	<p>Missing components or accessories prevent the operation of the dental unit.</p> <p>Unserviceable components prevent the use of the dental unit.</p>
2	S	<p><b>Operational Checks</b></p> <p>a. Review the general service information as provided in the manufacturer's literature.</p> <p>b. Check the air and water filters as directed in the manufacturer's literature.</p> <p>c. Check the air and water regulator as directed in the manufacturer's literature.</p> <p>d. Verify the operation of the "Century II Control System" as directed in the manufacturer's literature.</p> <p>e. Verify the operation of the three-way micro valves as directed in the manufacturer's literature.</p> <p>f. Verify the operation of the foot control valve as directed in the manufacturer's literature.</p> <p>g. Verify the operation of the signal relay valve as directed in the manufacturer's literature.</p> <p>h. Verify the operation of the chip blower valve as directed in the manufacturer's literature.</p> <p>i. Verify the operation of the three-way toggle valve as directed in the manufacturer's literature.</p> <p>j. Verify the operation of the needle valves as directed in the manufacturer's literature.</p> <p>k. Verify the operation of the syringe as directed in the manufacturer's literature.</p>	<p>The air pressure drops more than 15 psi or the water pressure drops more than 10 psi.</p> <p>The air regulator does not regulate between 60 psi to 80 psi or the water regulator does not regulate between 30 psi to 40 psi.</p> <p>There are air or water leaks that prevent the use of the dental unit.</p> <p>The three-way micro valves do not control the flow of coolant air or coolant water.</p> <p>The foot control valve does not operate the handpieces.</p> <p>The signal relay valve does not initiate the coolant air or coolant water.</p> <p>The chip blower valve does not provide chip-air flow to the handpieces.</p> <p>The three-way toggle valve does not pressurize or de-pressurize to water tank.</p> <p>The syringe leaks air or water or does not pass air or water.</p>

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ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
3	S	l. Verify the operation of the air vacuum system as directed in the manufacturer's literature.  m. Verify the operation of the air saliva ejector as directed in the manufacturer's literature.  <b>Storage Case</b> Inspect the storage case for cracks, dents, or broken latches.	The air vacuum system does not provide vacuum.  The air saliva ejector does not provide vacuum.