

**No. MP875**

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<b>TASK DESCRIPTION</b> VISUALLY INSPECT AND CHECK OPERATION OF MOTOR BLOWER
<b>BUILDER'S OR VENDOR'S MAINTENANCE INSTRUCTIONS</b> MPI LOCOMOTIVE MAINTENANCE MANUAL, SECTION 8
<b>SPECIAL TOOLS REQUIRED:</b>
<b>RELATED MAINTENANCE PROCEDURES MODIFICATIONS, POINTERS, ETC.</b>
<b>SAFETY PRECAUTIONS:</b> CONTRACTOR TO ASSUME RESPONSIBILITY FOR SAFETY RULES AND COMPLIANCE.
<b>PREPARATION:</b>

## PROCEDURE

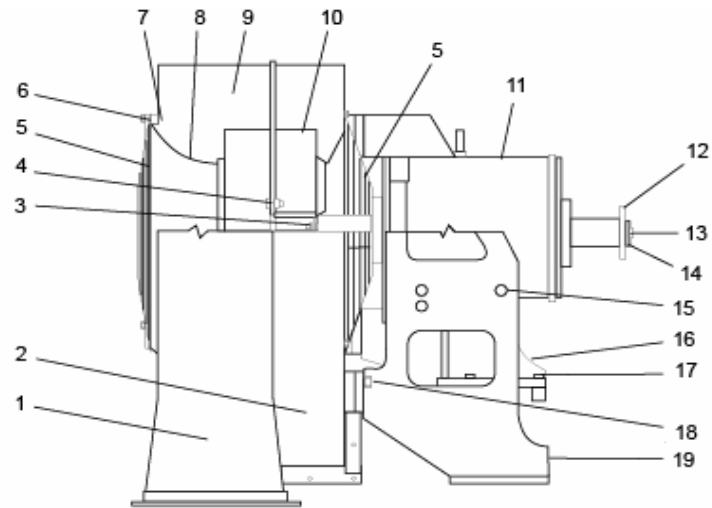
1. Check for loose blower assembly mounting bolts and tighten any loose bolts.
2. Check the intake screen mounting bolts to ensure there are no loose bolts. Tighten loose bolts.
3. Observe rotation of fan blades and ensure blades turn freely. If there is noise or vibration, inspect fan blades for damage and look for grease indicating damaged bearings. Replace faulty bearings.

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# Maintenance Procedure

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|---|---|
| 1. Blower Housing to Traction Motor     | 11. Auxiliary Generator                       |
| 2. Blower Housing to Main Generator     | 12. Auxiliary Generator Coupling Flange       |
| 3. Blower Wheel Mounting Bolt           | 13. Flange Mounting Bolt                      |
| 4. Blower Wheel to Hub Mounting Bolt    | 14. Flange Washer                             |
| 5. Air Intake Screen                    | 15. Auxiliary Generator Mounting Bolt         |
| 6. Intake Screen and Ring Mounting Bolt | 16. Right-Hand Mounting Bracket               |
| 7. Tapping Ring                         | 17. Blower Assembly Mounting Bolt and Washers |
| 8. Intake Ring                          | 18. Housing to Bracket Mounting Bolt          |
| 9. Blower Housing Assembly              | 19. Left-Hand Mounting Bracket                |
| 10. Blower Wheel and Hub Assembly       |   |

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