

Maintenance Procedure  
**No. MP560**

Page 1 of 2

<b>TASK DESCRIPTION</b> CLEAN LUBE OIL SEPARATOR ELEMENT
<b>BUILDER'S OR VENDOR'S MAINTENANCE INSTRUCTIONS</b> MPI LOCOMOTIVE MAINTENANCE MANUAL, SECTION 5
<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. Shut down the engine.
2. Remove bolts from the separator cover.
3. Disconnect the flexible exhaust tube assembly from the eductor tubes and remove the housing cover and exhaust tube elbow as an assembly.
4. Remove eductor assembly tubes from stack.
5. Separate inner eductor tube from outer tube by inserting a screwdriver at the top of the eductor flanges.
6. Clean carbon deposits from inside and outside of both eductor tubes.

**Note:** On applications where exhaust stack is connected to an elbow or silencer which prevents viewing down stack, inspection of diffuser can be performed using a light and mirror through the eductor tube connection when eductor assembly is removed for cleaning.

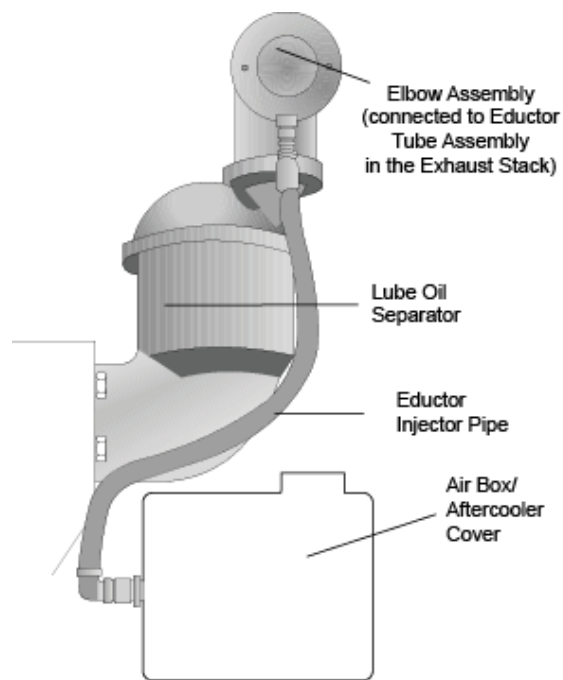
7. Remove screen element from separator cover and wash in petroleum solvent. Rinse element in hot water and blow dry with compressed air.
8. Insert inner tube into outer tube with hole in inner tube flange aligned with pin in outer tube flange.

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Page 2 of 2

9. Place eductor assembly into stack with the word TOP stamped on the inner tube flange facing upward.
10. Install screen element into cover and mount cover to separator with mounting bolts.
11. Attach exhaust elbow and educator assembly to exhaust stack with four mounting bolts.
12. Run engine and check for leaks.



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