


Maintenance Procedure
No. MP415

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TASK DESCRIPTION CLEAN FUEL SUCTION STRAINER
BUILDER'S OR VENDOR'S MAINTENANCE INSTRUCTIONS MPI LOCOMOTIVE MAINTENANCE MANUAL, SECTION 4
SPECIAL TOOLS REQUIRED:
RELATED MAINTENANCE PROCEDURES MODIFICATIONS, POINTERS, ETC.
SAFETY PRECAUTIONS: CONTRACTOR TO ASSUME RESPONSIBILITY FOR SAFETY RULES AND COMPLIANCE.
PREPARATION:

PROCEDURE

1. Stop the engine, and place the FUEL PUMP circuit breaker in the OFF position.
2. Remove the bolts holding the strainer shell to the strainer housing, and remove the shell and strainer from the housing. To prevent loss, thread the bolts with washers into the strainer shell threaded openings.
3. Withdraw the wire mesh strainer element, discard the fuel oil and sediment held in the strainer shell.
4. Clean the wire mesh element in a container of clean fuel oil. A brush may be used, and a round wooden dowel employed to spread the pleats and determine the degree of cleanliness, but no special tools are necessary.

	CAUTION Chlorinated hydrocarbon solvents and temperatures above 180° will damage the epoxy material bonding the strainer element to the end caps
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5. Clean the shell with fuel oil and wipe clean. The spring in the bottom is spot welded to the shell.
6. Replace the housing-to-cover O-ring.

DATE OF FIRST ISSUE	September 2007	AUTHORIZED BY:
REVISION 1	August 2009	TITLE: <div>Manager, Rail Equipment</div>

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7. Place the cleaned strainer element in the shell and reapply the shell to the strainer cover.
8. Tighten firmly into place after making certain the O-ring is properly seated.

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REVISION 1	August 2009	