

Maintenance Procedure  
**No. P440**

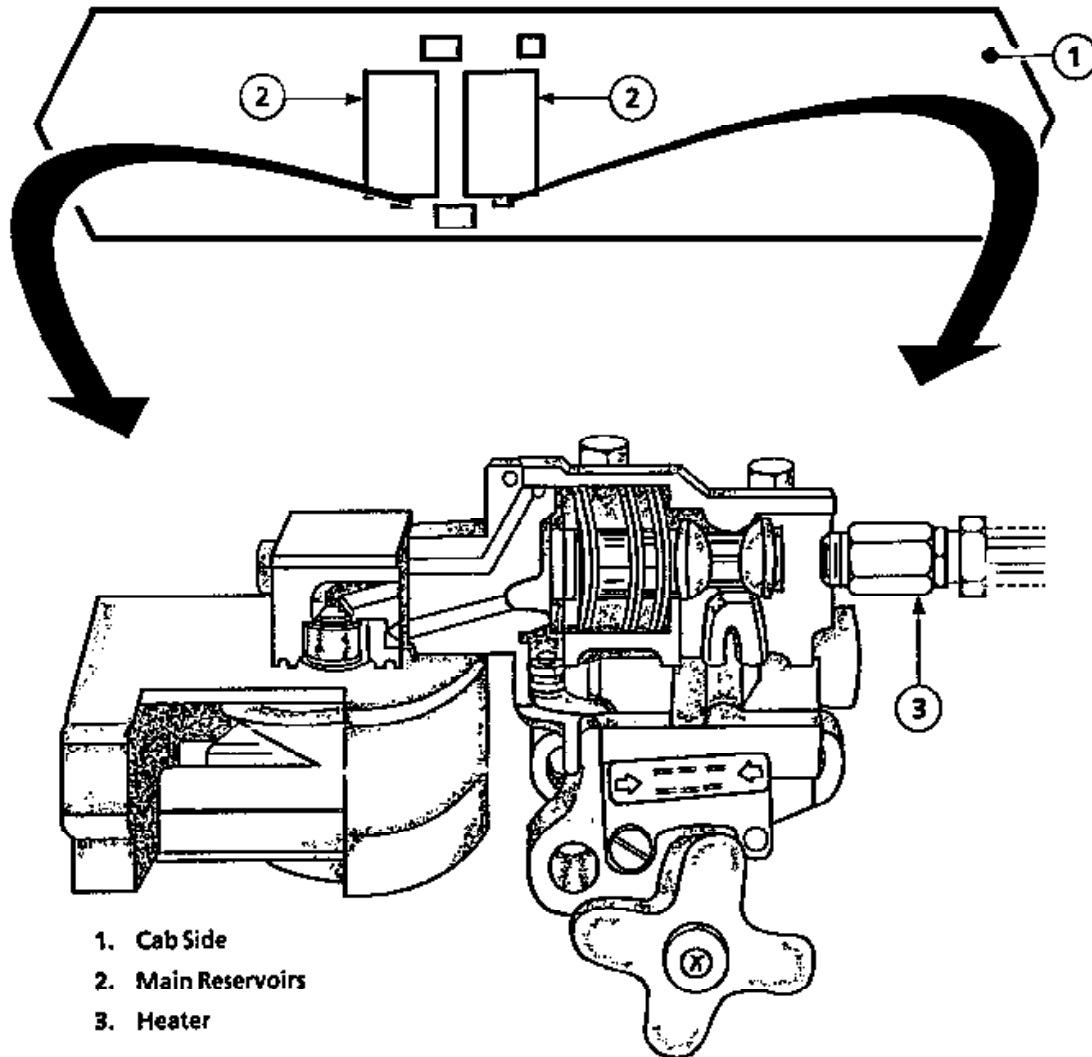
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TASK DESCRIPTION MAIN RESERVOIR DRAIN AND AIR FILTER (824 AND 818 HEATERS) – CHECK OPERATION
BUILDER'S OR VENDOR'S MAINTENANCE INSTRUCTIONS
SPECIAL TOOLS REQUIRED:
RELATED MAINTENANCE PROCEDURES MODIFICATIONS, POINTERS, ETC. P432
SAFETY PRECAUTIONS: CONTRACTOR TO ASSUME RESPONSIBILITY FOR SAFETY RULES AND COMPLIANCE.
PREPARATION: 1) Unit secured from movement. 2) Main engine at IDLE speed. 3) Main reservoir air at normal 130 – 140 psi.

**PROCEDURE**

- 1 At the circuit breaker panel, ensure that the drain valve heater breaker is in the ON position.
  - 2 Lightly touch the heater elements of the following components to ensure they are warm.
    - 2.1 Drain valves of main reservoirs 1 and 2 (figure 1).
    - 2.2 Air filter 824 and 818 (figure 2).
- Note:** *The heaters of air filters 824 and 818 are not only controlled by the breaker, they also contain a thermostat which closes at approximately 5°C and opens at approximately 10°C.*
- 3 Check heater connections for looseness, corrosion and overheating.
  - 4 Record and report all defects.

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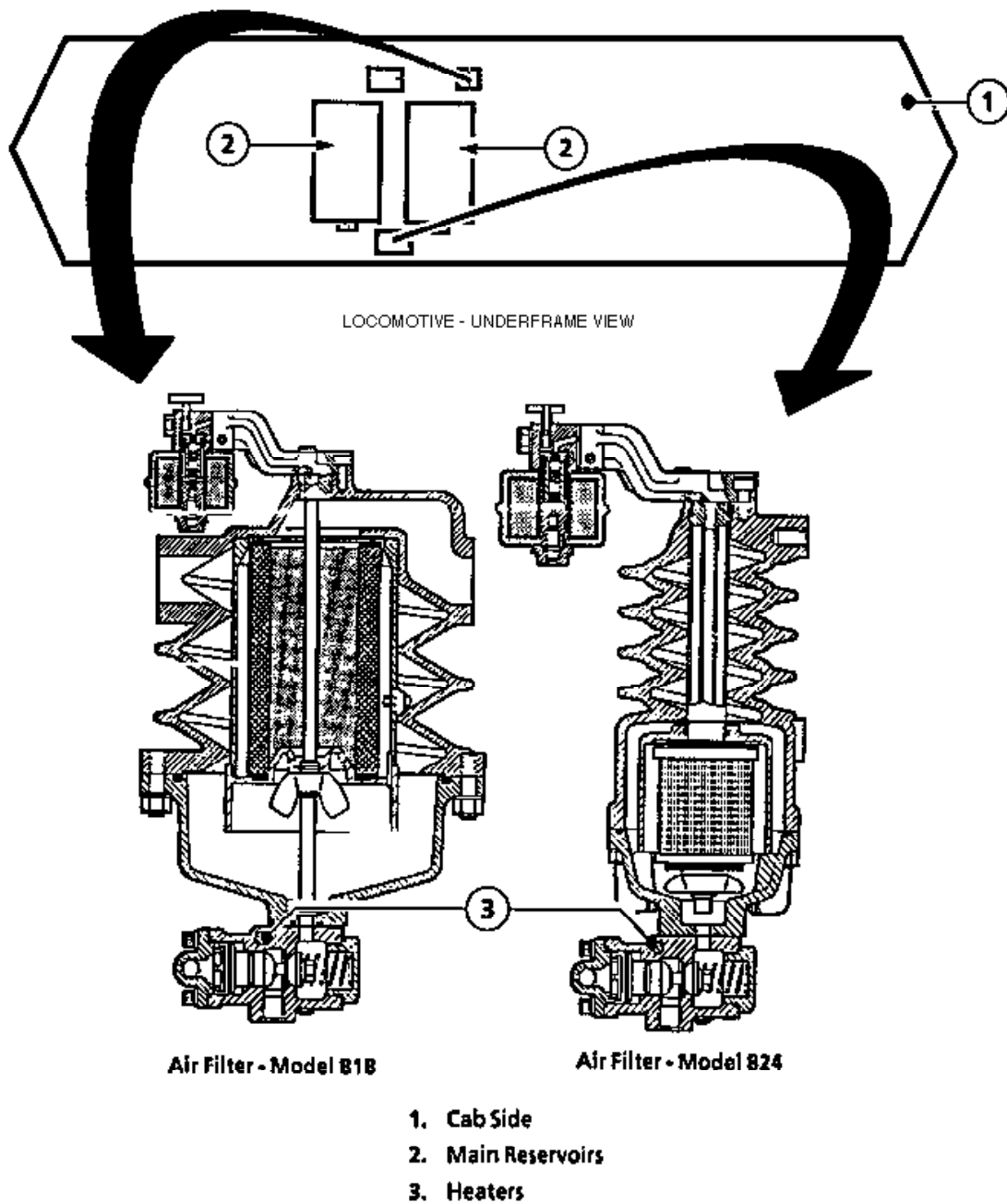
## LOCATION OF MAIN RESERVOIR DRAIN VALVES

Figure 1

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LOCATION OF COMPRESSED  
AIR SYSTEM COMPONENTS

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