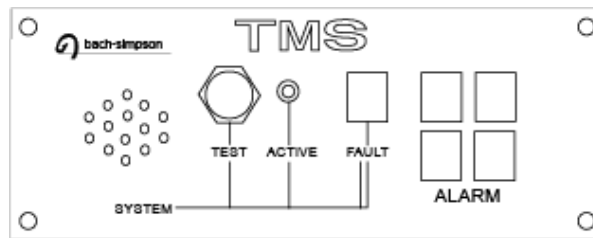


Maintenance Procedure
No. MP1440

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TASK DESCRIPTION
TEST ALERTER OPERATION
BUILDER'S OR VENDOR'S MAINTENANCE INSTRUCTIONS
MPI LOCOMOTIVE MAINTENANCE MANUAL, SECTION 14
SPECIAL TOOLS REQUIRED:
RELATED MAINTENANCE PROCEDURES MODIFICATIONS, POINTERS, ETC.
SAFETY PRECAUTIONS:
CONTRACTOR TO ASSUME RESPONSIBILITY FOR SAFETY RULES AND COMPLIANCE.
PREPARATION:

PROCEDURE



1. Press the self test pushbutton on the alerter alarm head on the upper panel. The locomotive must be at 0 MPH. Self test will cause the following actions:
 - 1.1 The green SYSTEM ACTIVE light flashes rapidly for the duration of the self-test.
 - 1.2 A processor module memory test will be conducted on RAM and application program.
 - 1.3 The 4 SYSTEM ALARM lights flash alternate diagonal pairs for several seconds.
 - 1.4 The audible alarm sounds and the alarm lights flash.
 - 1.5 The SYSTEM FAULT light flashes on then off for a 1-second period.
 - 1.6 The penalty output circuit opens for a 1-second period and the SYSTEM FAULT light illuminates.

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Note: During normal voltage (74 VDC) operation at speeds below 0.5 MPH, the green SYSTEM ACTIVE indicator will flash at a rate of 1 Hz. At 0.5 MPH and speeds above, the green SYSTEM ACTIVE indicator will be ON solid. A low voltage operational state (e.g., low battery power) is evidenced by the green SYSTEM ACTIVE indicator being OFF but pulsing ON every 2 seconds.

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