

MM&A 92 DAY INSPECTION SHEET <sup>1-10-10</sup>

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LOCATION: ~~758~~ Derby

DATE: ~~1-10-10~~

LOCOMOTIVE NO. 856992

No.	INSPECT-CHECK	INSPECTOR'S SIGNATURE
	PERFORM ALL 100 SERIES INSPECTIONS AND TESTS WITH LOCOMOTIVE OUTSIDE OF SHOP BUILDING	
100	PERFORM SELF TEST ON ALERTER-EVENT RECORDER. DOWN LOAD EVENT RECORDER. INSURE THAT ALL DATA PARAMETERS ARE BEING RECORDED, VERIFY PROPER TIME AND DATE ON RECORDER.	Wentland
101	SELF LOAD UNIT OUTSIDE. RECORD KW, AMPS AND VOLTS	3700 k.P. 23 volts
102	MANUALLY PULL EACH FUEL PUMP RACK SLIGHTLY AND LISTEN FOR A SHARP WRAP, WHICH INDICATES THAT THE NOZZLE AND CYLINDER ARE MOST LIKELY OPERATING PROPERLY.	R. Hooper
103	CHECK "DID" ON THE BRIGHTSTAR SCREEN. IF FAULT IS DISPLAYED, RECORD ON DEFECT SHEET AND INVESTIGATE THE CAUSE. RUN LOCOMOTIVE SELF TEST IF NEEDED.	Wentland
104	LISTEN TO DIESEL ENGINE IN IDLE FOR ANY UNUSUAL SOUNDS. MAKE VISUAL INSPECTION WITH ALL DOORS OPEN. LOOK FOR WATER, LUBRICATION AND FUEL LEAKS AND MAKE CORRECTIONS AS NECESSARY.	R. Hooper
105	CHECK ENGINE OIL LEVEL AT IDLE. ADD OIL TO FULL MARK AS NECESSARY. TAKE OIL SAMPLE AFTER RUNNING ENGINE FOR A MINIMUM OF FIVE (5) MINUTES.	R. Hooper
106	CHECK AIR COMPRESSOR OIL LEVEL WITH ENGINE AT IDLE. ADD OIL AS REQUIRED (GE SPECIFICATION D6B11D3)	R. Hooper
107	CHECK OIL LEVEL IN ALTERNATOR GEAR TRAIN. ADD DIESEL ENGINE OIL AS NEEDED.	R. Hooper
108	CHECK OPERATION OF WINDOW WIPERS. REPLACE BLADES AS NECESSARY.	R. Hooper
109	CHECK COOLING WATER LEVEL AND WATER TREATMENT CONCENTRATION. ADD TREATED OR CLEAN WATER AND COMPATIBLE WATER TREATMENT COMPOUND AS NEEDED.	R. Hooper
110	CHECK OPERATION OF GROUND RELAY SYSTEM AND LOCK OUT PER GETS MI GEI-83418A.	Wentland
111	CHECK EXHAUST MANIFOLD FOR LEAKS, CRACKS OR BROKEN WELDS. REPAIR AS NECESSARY.	R. Hooper
112	CHECK OPERATION OF ENGINE AIR FILTER PRESSURE SWITCH PER GETS MI GEK-18104.	

No Comp shaft - ~~Wentland~~



203	INSPECT ELECTRICAL EQUIPMENT POWER CONTACTOR TIPS, ARC CHUTES AND INTERLOCK PLUNGER BOLTS. CHECK FOR BURNED WIRING AND LOOSE OVERHEATED ELECTRICAL CONNECTIONS.	Le Blanc
204	INSPECT MASTER CONTROLLER (17KC120), CLEANING CONTACT BRUSH WEAR DUST OR DEBRIS FROM DYNAMIC BRAKE POTENTIOMETER (IF PAINTED GREY VERSION) WITH DRY COMPRESSED AIR.	Le Blanc
205	TEST ALL GAUGES FOR ACCURACY	By Hasey
206	INSPECT LOW PRESSURE FUEL HOSE. REPLACE AS NECESSARY.	H. Hasey
207	INSPECT MAIN ALTERNATOR COMMUTATOR, SLIP RINGS AND BRUSHES. DRESS COMMUTATOR AS NECESSARY. REPLACE (IN SETS ONLY!) CHIPPED, CRACKED OR DAMAGED BRUSHES AND THOSE TOO SHORT TO LAST UNTIL NEXT INSPECTION (IF ALL THREE MARKED LINES ARE NOT VISIBLE, BRUSHES ARE TOO SHORT AND MUST BE REPLACED).	J. Harti
208	INSPECT AUXILIARY ALTERNATOR AND EXCITER COMMUTATOR, SLIP RINGS AND BRUSHES. DRESS COMMUTATOR AS NECESSARY. REPLACE (IN SETS ONLY!) CHIPPED, CRACKED OR DAMAGED BRUSHES AND THOSE TOO SHORT TO LAST UNTIL NEXT INSPECTION. (IF ALL THREE MARKED LINES ARE NOT VISIBLE, BRUSHES ARE TOO SHORT AND MUST BE REPLACED).	N/A
209	INSPECT DYNAMIC BRAKE BLOWER MOTOR AND FUEL BOOSTER PUMP MOTOR COMMUTATOR, SLIP RINGS AND BRUSHES. DRESS COMMUTATOR AS NECESSARY. REPLACE (IN SETS ONLY!) CHIPPED, CRACKED OR DAMAGED BRUSHES AND THOSE TOO SHORT TO LAST UNTIL NEXT INSPECTION. (IF ALL THREE MARKED LINES ARE NOT VISIBLE, BRUSHES ARE TOO SHORT AND MUST BE REPLACED).	J. Harti
210	REMOVE CARBON BUILD UP FROM CRANKCASE BREATHER PIPE IN EXHAUST STACK (IF EQUIPPED).	By Hasey
211	REPLACE FUEL FILTER ELEMENT.	By Hasey
212	GREASE AND INSPECT GOVERNOR LINKAGE TO FUEL RACKS FOR PROPER OPERATION. APPLY TORQUE ADAPTER AND CHECK THAT TORQUE REQUIRED TO OPERATE LINKAGE DOES NOT EXCEED 25 FT.-LBS.	By Hasey
213	CHANGE ALL LUBE OIL FILTERS, CLEAN LUBE OIL STRAINER AND TAKE LUBE OIL SAMPLE	H. Hasey
214	INSPECT ALL FLEXIBLE COUPLINGS. CHECK RUBBER BUSHINGS FOR DETERIORATION, REPLACE AS NECESSARY	NONE

Cleaned Car Screen  
 Took oil sample

changed out Comp intake filter  
 changed AB filters  
 By Hasey