

TECHNICAL PUBLICATIONS

RECOMMENDED ACTION:

For information.

EQUIPMENT AND APPARATUS INVOLVED:

ALCO locomotives with 251 engine. All 251 stationary, marine and drill rig engines.

PURPOSE AND GENERAL DESCRIPTION:

This Equipment Bulletin is issued to list ALCO Maintenance Instructions available to the field. A change has recently been made in the format and content of the Maintenance Instructions. New, as well as former publications still available, are listed below.

The Maintenance Instructions (MI's) are now in loose leaf form and contain all information on a particular component in a single publication. This has been accomplished in order to expedite the re-

vision of bulletins and to bring out new information as it becomes available.

This list will be reissued periodically. When a revised list is received, check to see if a particular publication previously ordered has been revised, or if new publications pertaining to your equipment have been issued (indicated by asterisk). If so, a new publication should be ordered.

ORDERING INFORMATION:

This listing of publications has been prepared as an ordering form with a blank space at the right hand column for indicating quantities of a publication desired.

Fill in this column and return to:

ALCO Products, Inc.
 Technical Publications Department
 Schenectady, New York 12305

A new listing will be supplied with each order.



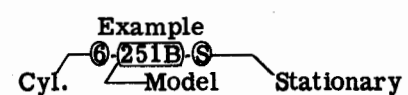
MAINTENANCE INSTRUCTION PAMPHLETS (New Style)

LOCOMOTIVE DATA - 10000 GROUP

<u>Subject</u>	<u>MI Number</u>	<u>Price Each</u>	<u>Quantity Ordered</u>
*Data, Locomotive - DH-643 - Hydraulic (21178) -----	10051	.20	_____
Data, Locomotive - DL-440 (Standard Loco.) -----	10007	.20	_____
Data, Locomotive - DL-628 - Century 628 (21194) -----	10003	.20	_____
*Data, Locomotive - DL-628 - Century 628 (21197) -----	10042	.20	_____
*Data, Locomotive - DL-628 - Century 628 (21207) -----	10046	.20	_____
*Data, Locomotive - DL-628 - Century 628 (21195) -----	10040	.20	_____
Data, Locomotive - DL-640 (21170) -----	10023	.20	_____
Data, Locomotive - DL-640 (Standard Loco.) -----	10004	.20	_____
Data, Locomotive - DL-640A - Century 424 (4903) -----	10028	.20	_____
Data, Locomotive - DL-640A - Century 424 (21185) -----	10029	.20	_____

NOTES: Instructions pertain to all applications unless otherwise specified.

- L - Locomotive
- M - Marine
- S - Stationary



4 or 5 digit numbers under Subject column are ALCO sales order numbers.

<u>Subject</u>	<u>MI Number</u>	<u>Price Each</u>	<u>Quantity Ordered</u>
Data, Locomotive - DL-640A - Century 424 (21189) - - - - -	10033	.20	
Data, Locomotive - DL-640A - Century 424 (21188) - - - - -	10034	.20	
Data, Locomotive - DL-640A - Century 424 (21193) - - - - -	10036	.20	
*Data, Locomotive - DL-640A - Century 424 (21205) - - - - -	10047	.20	
Data, Locomotive - DL-701 (21172) - - - - -	10024	.20	
Data, Locomotive - DL-701 (21165) - - - - -	10020	.20	
Data, Locomotive - DL-701 (21157) - - - - -	10016	.20	
Data, Locomotive - DL-701 (Standard Loco.) - - - - -	10001	.20	
Data, Locomotive - DL-701 (21166) - - - - -	10021	.20	
Data, Locomotive - DL-702 (Standard Loco.) - - - - -	10002	.20	
Data, Locomotive - DL-721 (21164) - - - - -	10019	.20	
Data, Locomotive - DL-721 (21155) - - - - -	10015	.20	
Data, Locomotive - DL-721 (Standard Loco.) - - - - -	10008	.20	
Data, Locomotive - DL-721A - Century 420 (21184) - - - - -	10030	.20	
*Data, Locomotive - DL-721A - Century 420 (21206) - - - - -	10045	.20	
Data, Locomotive - DL-721A - Century 420 (21191) - - - - -	10035	.20	
*Data, Locomotive - DL-721A - Century 420 (21198) - - - - -	10044	.20	
*Data, Locomotive - DL-855A & B - Century 855A & B (21186 & 7) - - - - -	10043	.20	

ENGINE - 11000 GROUP

Aftercooler - Water-to-Air - 6-251B - - - - -	11007	.15	
*Aftercooler - Water-to-Air - 12 & 16 - 251B & C - - - - -	11057A	.15	
Aftercooler - Air-to-Air (Fab. Hsg.) - 6-251D - - - - -	11047	.25	
Aftercooler - Air-to-Air (Cast Hsg.) - 6-251D - - - - -	11092	.15	
Base, Engine - 6-251B and D - - - - -	11004	.15	
Base, Engine - 12 & 16 - 251B and C - L & S - - - - -	11062	.15	
Base, Engine - 12-251B and C, 16-251B - M - - - - -	11078	.15	
Base, Engine, Dry - M - - - - -	11090	.15	
Bearings, Main - 6-251B and D - - - - -	11010C	.20	
Bearings, Main - 12 & 16 - 251B and C - - - - -	11066	.20	
Block, Cylinder - 6-251B and D - - - - -	11006A	.20	
Block, Cylinder - 12-251B and C, 16-251B - L, M & S - - - - -	11079A	.30	
Blower and Drive (Air-to-Air Aftercooler) - 6-251D - - - - -	11045A	.20	
Camshaft - 6-251B - - - - -	11054	.25	
Camshaft - 6-251D - - - - -	11038A	.25	
*Camshaft - 12 & 16 - 251B and C - - - - -	11071B	.30	
*Camshafts - 12-251B and C, 16-251B - M & S - - - - -	11083B	.30	
Catcher, Oil, Power Take-Off End - 6-251B and D 12 & 16 - 251B and C - - - - -	11013	.15	
Connection, Drive End (35105) - - - - -	11009	.15	
Cover, Free End Gear - 6-251B - - - - -	11050	.15	
Cover, Free End Gear - 6-251B - S - - - - -	11106	.15	
Cover, Free End Gear - 6-251D - - - - -	11041A	.15	
Crankshaft - 6-251B and D - - - - -	11008B	.20	
Crankshaft - 6-251 - S - - - - -	11104	.20	
Crankshaft - 12 & 16 - 251B and C - - - - -	11069	.20	
Crankshaft - 12-251B and C, 16-251B - M & S - - - - -	11084A	.20	
Crankshaft Gear, Vibration Damper & Extension Shaft - S - 6-251B - - - - -	11105	.20	
Data, Engine, General - 6-251B - - - - -	11003	.20	
Data, Engine, General - 6-251B - S - - - - -	11109	.20	
Data, Engine, General - 6-251D - - - - -	11031A	.20	
*Data, Engine, General - 12 & 16 - 251B and C - - - - -	11072A	.20	
*Data, Engine, General - 12-251 B and C, 16-251B - M & S - - - - -	11085A	.20	
Drive, Fuel Booster Pump - 6-251B - S - - - - -	11107	.15	
*Drive, Fuel Booster Pump - S - - - - -	11122	.15	

Subject	MI Number	Price Each	Quantity Ordered
Drive, Fuel Injection Pump - 6-251D-----	11036	.20	
Drive, Fuel Injection Pump - 6-251B, 12 & 16 - 251B and C -----	11049	.20	
*Drive, Governor - 12 & 16 - 251B and C -----	11081A	.20	
Drive, Governor and Control Linkage - 6-251B and D -----	11027	.20	
Drive, Governor and Control Linkage - 6-251B - S -----	11108	.20	
Drive, Hydraulic Pump - Century Series -----	11096A	.15	
Drive, Tachometer Generator (Bearingless) - M & S -----	11091	.15	
Drive, Tachometer Generator - MM16L1 - 12 & 16 - 251B and C -----	11060	.15	
*Drive, Tachometer Generator, KB - 6-251 - S -----	11113	.15	
*Drive, Tachometer Generator, 758AB - S -----	11118	.15	
*Drive, Tachometer Generator, Paddle Type Vibration Damper - 6-251 - S - 11120	11120	.15	
Elbow, Air - All Engines-----	11089A	.15	
Engine Final Inspection, Pre-Run and Break-In - All Engines -----	11000A	.20	
Exhauster, Crankcase - All Engines -----	11001	.15	
Extension Shaft, Crankshaft - 6-251B -----	11055	.20	
Extension Shaft, Crankshaft - 6-251D -----	11040	.20	
Extension Shaft, Gear and Vibration Damper - 12 & 16 - 251B and C -----	11074	.20	
Extension Shaft, Gear and Vibration Damper - 12-251B and C 16-251B - M & S -----	11080	.20	
Filter, Oil Bath, Engine Intake Air - Air Maze-----	11002	.20	
Filter, Oil Bath, Engine Air Intake - Farr -----	11086	.15	
Filter, Panel Bath, Engine Intake Air - Air Maze -----	11044	.15	
Gear, Crankshaft Split - 6-251B and D -----	11012A	.15	
Gear, Crankshaft Split - 12 & 16 - 251B and C -----	11067	.15	
Gear Teeth, Inspection - All Engines -----	11030	.15	
Generator, Traction Mounting - All Engines -----	11035	.15	
Governor - General Electric - MG8 -----	See 22000 Group		
Governor - Woodward - PGR with Load Control & Air Pressure Sensing Device -----	11046	.25	
Governor - Woodward - PGR with Load Control -----	11048	.25	
Head, Cylinder - All Engines -----	11020B	.30	
Header, Fuel Oil Inlet - All Engines -----	11024	.15	
Header, Water Outlet & Elbows - All Engines -----	11019	.15	
*Installation, Engine - All Engines -----	11028C	.15	
Liner, Cylinder - All Engines -----	11018A	.15	
Linkage, Acceleration Control - 16 - 251B and C -----	11098	.20	
Linkage, Fuel Pump Control - 12 & 16 - 251B and C -----	11070	.15	
*Linkage, Governor Control - PG, UG & MG8 - 12 & 16-215B and C -----	11112	.25	
*Linkage, Governor Control - Woodward - UG-32 - S -----	11115	.15	
Manifold, Exhaust - 6-251B -----	11053	.20	
Manifold, Exhaust - 6-251D -----	11037	.25	
Manifold, Exhaust - 12-251B and C (Shrouded) -----	11077	.30	
Manifold, Exhaust - 12-251B and C (Bellows Type) -----	11088A	.20	
Manifold, Exhaust - 16-251B (Original) -----	11078	.30	
*Manifold, Exhaust - 16-251B (Single Pipe) -----	11097	.20	
Manifold, Exhaust - Water Cooled - 16-251 - S -----	11116	.25	
Mechanism, Valve Lever - All Engines -----	11034B	.20	
*Nozzle and Holder, Fuel Injection - All Engines -----	11033A	.15	
Nozzle, Gear Spray - 6-251B and D -----	11029	.15	
Nozzle, Gear Spray - 12 & 16 - 251B and C -----	11065	.15	
Piston, Rings and Pins - All Engines -----	11015A	.30	
Pump and Nozzle Maintenance - All Engines -----	11056	1.00	
Pump, Fuel Injection - 6-251B and D -----	11032A	.15	
Pump, Fuel Injection - 12 & 16 - 251B and C -----	11068	.15	
Pump, Lube Oil - All Engines -----	11022	.15	
Pump, Water - All Engines -----	11026	.25	
*Pumps, Jacket and Raw Water - M -----	11082B	.20	
Rod, Connecting & Bearings - All Engines -----	11016	.20	

<u>Subject</u>	<u>MI Number</u>	<u>Price Each</u>	<u>Quantity Ordered</u>
Schedule, Engine Maintenance - M & S	11005A	.25	
*Seal, Free End Oil - 6-251B	11051A	.15	
Seal, Free End Oil - 6-251D	11042	.15	
Seal, Free End Oil - 12 & 16 - 251B and C	11061	.15	
Shaft, Fuel Pump Control - All Engines	11025	.15	
Stand, Cylinder Head Test - All Engines	11023A	.20	
Support, Turbo - 12 & 16 - 251B and C	11063	.15	
System, Engine Air Filtering - Century 420	11101	.15	
System, Engine Air Filtering - Century 424	11100	.15	
*Tool, Boring, Cylinder Block Lower Liner Hole - 251	11111	.30	
Trip, Engine Overspeed - Manual	11093	.20	
Trip, Engine Overspeed - 6-251B	11052	.20	
Trip, Engine Overspeed - 6-251D	11043	.30	
Trip, Engine Overspeed - 12 & 16 - 251B and C	11059	.20	
Turbocharger - 320E1	11102	.40	
Turbocharger - 350 - 6-251D	11039A	.40	
Turbocharger - 600 - 12-251B and C	11021A	.40	
*Turbocharger - 710 - 16-251B	11076A	.45	
Turbocharger - 800A - 16-251C	11114	.45	
Turning Arrangement, Engine - 6-251B and D	11014	.15	
Turning Arrangement, Engine - 12 & 16 - 251B and C (Gen. Fan)	11058	.15	
*Turning Arrangement - 12 & 16 - 251C (Camshaft Gear)	11119	.15	
*Turning Arrangement, Engine - M & S	11087A	.15	
Valve, Air Manifold Pressure Regulating - 6- 251D, 16-251C	11075A	.20	

LUBE OIL SYSTEM - 12000 GROUP

Cooler, Lube Oil - 6-251	12001	.15	
Cooler, Lube Oil - Rectangular Type	12013	.20	
Cooler, Lube Oil - Rectangular Type - LOC - S	12024	.20	
Filter, Lube Oil - 6-251	12000A	.15	
Filter, Lube Oil - Multiple Elements	12012	.15	
Filter, Lube Oil - Multiple Elements - Century Series	12019	.15	
Filter, Lube Oil - Nugent - Fig. 1555 - M & S	12021A	.15	
*Filter, Lube Oil - Nugent - Fig. 1524 - S	12027	.15	
Inspectostat - All Engines	12004	.15	
*Oils, Lubricating - All Engines	12009C	.15	
*Oils, Lubricating - MIL Specs.	12028	.15	
Separator, Lube Oil - Air Maze - M & S	12016	.15	
Strainer, Lube Oil - Star-Shaped	12003	.15	
*Strainer, Lube Oil - Elliott, VL - M & S	12018B	.15	
Strainer, Lube Oil - Nugent, Fig. 1490, 1554 - M & S	12022	.15	
Switch, Low Oil Pressure - Square D	12011	.15	
System, Lube Oil - General Data - 6-251B	12006	.20	
System, Lube Oil - General Data - 6-251D	12015	.20	
System, Lube Oil - General Data - Century 420, 424, 425, 628	12020	.20	
*System, Lube Oil - General Data - Century 855	12026	.20	
System, Lube Oil - General Data - Locos with "V" Engines exc. Century Series	12014	.20	
System, Lube Oil - General Data - S (35105)	12007	.15	
Valve, By-Pass and Relief - Fulflo	12005	.15	
Valve, Pressure Regulating - Klipfel	12002	.15	
Valve, Relief - Fulflo, VBF-8 - M & S	12023	.15	
Valve, Relief and Regulating - Klipfel	12010	.15	
*Valve, Temperature Control - Amot	12008A	.15	
*Valve, Thermo. Control System - Century 855	12030	.25	

FUEL OIL SYSTEM - 13000 GROUP

<u>Subject</u>	<u>MI Number</u>	<u>Price Each</u>	<u>Quantity Ordered</u>
Filter, Fuel Oil - Cuno - Auto-Klean - Oper. Instr. - M & S	13016A	.15	
Filter, Fuel Oil - Cuno 1BD - Micro-Klean - Oper. Instr. - M & S	13022	.15	
Filter, Fuel Oil - Cuno G - Specs. 31.15 - M & S	13023	.15	
Filter, Fuel Oil - Nugent 1280 - 17B - M & S	13025	.20	
Filter, Fuel Oil - Nugent 1555BF - M & S	13026	.15	
Filter, Fuel Oil - Primary - Century Series	13019	.15	
Filter, Fuel Oil - Primary and Secondary Locos. other than Century	13006A	.15	
*Filter, Fuel Oil - Primary and Secondary - Nugent - M & S	13008A	.15	
Gauge, Tank - Direct Reading - BDL Liquidometer	13017	.50	
Gauge, Tank and Remote Indicators - BDL90 Liquidometer	13015A	.15	
Gauge, Tank - D-6 Liquidometer	13014A	.15	
Gauge, Liquid Level "Glo-Rod"	13013	.15	
Pump, Fuel and Governor Oil	13012	.15	
Pump, Fuel Booster - On Common Base	13004	.15	
Pump, Fuel Booster - Directly Connected to Motor	13005	.15	
Pump, Fuel Booster - Tuthill 2L - M & S	13007	.15	
Specifications, Fuel Oil - All 251 Engines	13001	.15	
*Specifications, Fuel Oil - MIL-FP5	13028	.15	
System, Fuel Oil - General Data - 6-251B	13000B	.15	
System, Fuel Oil - General Data - S (35105)	13010	.15	
System, Fuel Oil - General Data - Road Locos. exc. Century Type	13011A	.15	
*System, Fuel Oil - General Data - Century 420, 424, 425 & 628	13018A	.20	
*System, Fuel Oil - General Data - Century 855	13027	.20	
Valve, Emergency Fuel Cut-Off	13002	.15	
Valve, Indicating By-Pass - Century Series	13020	.15	
Valve, Relief - Fulflo - VB-3 Main. & Sh. 315 - M & S	13024	.15	
Valve, Relief and Regulating - Fulflo	13003B	.15	
Valve, Vent - Primary Filter - Crane	13021	.15	

COOLING WATER SYSTEM - 14000 GROUP

Control, Cooling Water Temperature - Automatic Control w/Single Acting Shutter Cylinders	14005	.15	
Control, Cooling Water Temperature - Automatic Control w/Manual Override and Single Acting Shutters	14013	.20	
Control, Cooling Water Temperature - Automatic Control w/Double Acting Cylinder	14020A	.15	
*Control, Cooling Water Temperature - Century 628, 855	14038	.15	
*Control, Cooling Water Temperature - DL440	14041	.15	
Cooler, Service & Maintenance Instruction - Young MWC - S	14030	.50	
Cylinder, Shutter Operating - Single Acting	14014	.15	
Cylinder, Shutter Operating - Double Acting	14021	.15	
Drive, Radiator Fan - E.C. Clutch 5GDY32A1 & 2	14015A	.55	
Drive, Radiator Fan - E.C. Clutch 5GDY36A1, A3, B1	14026	.60	
*Drive, Radiator Fan - E.C. Clutch 5GDY45A1	14035	.55	
Exchangers, Heat	See 17000 Group		
Filter, Air - Water Temperature Control and Air Comp.	14007	.15	
*Gauge, Expansion Tank Water Level - Remote Reading	14036	.20	
Radiator, Maintenance - All Locomotives	14002A	.20	
Radiators - With Horizontal Tanks	14001	.15	
Radiators - With Vertical Tanks	14003	.15	
Radiators - Frt-Pass	14023	.20	
Radiators - Road Switchers - Using 12 and 16 Cylinder Engine	14016	.20	
Radiators and Coolers, Care & Service - Young - 43-E-8	14029	.15	

<u>Subject</u>	<u>MI Number</u>	<u>Price Each</u>	<u>Quantity Ordered</u>
*Radiators, HC - General Instructions - Young - S	14034	.15	
*Radiators, HC - Operating & Maintenance - Young - S	14033	.15	
Relay, Fan Speed	14009	.15	
Switch, Low Water Level - McDonnell & Miller	14006	.15	
Switch, Water Temperature Alarm - Minneapolis-Honeywell - L-6006A	14025	.20	
Switch, Water Temperature Alarm & Control - Detroit - 223CL	14008	.15	
Switch, Water Temperature Control - Detroit - 223CT2L	14024	.20	
System, Cooling Water - General Data - Century 420, 424, 425	14028	.20	
*System, Cooling Water - General Data - Century 628	14031	.20	
*System, Cooling Water - General Data - Century 855	14032	.20	
System, Cooling Water - General Data - DL-531, 532, 535	14000A	.20	
System, Cooling Water - General Data - DL-440	14004	.20	
System, Cooling Water - General Data - S (35105)	14010	.15	
System, Cooling Water - General Data - Road Locos. exc. Century Series	14018	.20	
System, Pressurized Cooling Water	14022	.15	
*Treatment, Water - All Engines	14012B	.15	
Valve, Reactionary	14019	.15	
*Valve, Temperature Control - Amot - M & S	14011A	.15	
*Valve, Thermostatic	14042	.20	

AIR SYSTEM - 15000 GROUP

Compressor, Air - 3CDB, 3CDC and 3CWD	15001A	.20	
Compressor, Air - 3CDCL and 3CWDL	15021A	.15	
Compressor-Exhauster Unit, Air - 3CDCU	15023	.20	
Compressor-Exhauster Unit, Air - 6CD-3UC, 6CD-4UC, 4CD-2UC	15002	.20	
*Filter, Air Inlet - Air Maze - 300-425 - S	15030	.15	
*Filter, Air Inlet - Farr - D-200-1B - S	15033	.20	
Governor, Air Compressor - Westinghouse NS-16 - S-16	15003	.15	
Governor, Air Compressor - Square D 9012 ACW8	15022	.15	
Lubricator, Air Starting Motor - Norgren NIP-24 - S	15027	.15	
Motor, Air Starting - Ingersoll-Rand - M & S	15012	.25	
Regulator, Pressure - Control Air	15025	.15	
Relay, Time Delay - Agastat	15018	.25	
System, Air - General Data (Double Acting Shutter Cylinder) exc. Century Series	15016	.15	
System, Air - General Data - Century 420, 424, 425, 628	15024	.15	
*System, Air - General Data - Century 855	15036	.15	
System, Air - General Data (Single Acting Shutter Cylinders)	15013	.15	
System, Air - General Data - Switchers	15000	.15	
System, Air Starting - General Data - M & S	15010	.15	
System, Sanding - Road Locos.	15015	.15	
System, Sanding - Switchers	15004	.15	
Trap, Sand - Conveyor - Salem 575, 576	15017A	.15	
Trap, Sand - Salem or Prime 251 or 256	15006	.15	
Trap, Sand - Prime GWS 292-P	15020	.15	
*Valve, Air Pressure Regulating - Cash A-31 - S	15032	.15	
*Valve, Air Pressure Regulating - Cash B - S	15029	.15	
*Valve, Automatic Res. Drain - Salem 580H, H1	15034	.20	
Valve, Automatic Drain - Prime GWS 300-P	15026	.20	
*Valve, Check 296	15042	.15	
*Valve, Check 596	15041	.15	
Valve, Magnet - Duplex - Salem 310	15014	.15	
*Valve, Relay - Salem 595E & S	15037	.25	
*Valve, Sand Shut-Off - Prime PM-380	15031	.15	
Valve, Sander - Salem 616 - Push Pull Type	15008	.15	

<u>Subject</u>	<u>MI Number</u>	<u>Price Each</u>	<u>Quantity Ordered</u>
Valve, Sander Control - Prime GWS-250 - P & S	15019	.20	
Valve, Sander Control - Salem 250 - Automatic	15005	.15	
Valve, Sander Control - Salem 500 - Automatic	15009	.20	
Valve, Solenoid, Air Starting - Asco - M & S	15011	.15	
Valve, Solenoid Air Starting - Gen. Instr. Ross - S	15028	.15	
Wiper, Windshield - Air Push	15007	.15	

CHASSIS - 16000 GROUP

Bearings, Journal, SKF	16020	.20	
Belts and Pulleys - All Locos.	16003	.15	
Blowers, Traction Motor - Belt Driven	16004A	.25	
Clutch, Air, Radiator Fan Drive - Witchita	16019	.15	
*Coupling, Air Compressor Drive - Dodge	16037	.15	
Coupling, Air Compressor Drive - Fast's	16008	.15	
*Coupling, Air Compressor Drive - Holset DL535	16032	.15	
Coupling, Air Compressor Drive - Zurn	16016	.15	
Coupling, Radiator Fan Drive - Fast's - exc. Century Series	16007	.15	
*Coupling, Radiator Fan Drive - Fast's - Century Series	16029A	.15	
Coupling, Radiator Fan Drive - Holset	16005A	.20	
*Drive, Radiator Fan DL-440	16042	.20	
Drive Shaft, Radiator Fan	16006	.20	
Drive Shaft, Radiator Fan DL-535	16033	.15	
*Fan Drive & Hydraulic Motor - Century Series	16026	.35	
Filter, Air, Inertial Type - Century Series	16025	.15	
Filter, Panel	16002	.15	
Filter, Panel - Impingement Type	16018	.15	
*Gear, Draft - M-380 Plunger Type	16044	.45	
Gear, Draft - M-380 Rubber Cushioned	16017	.20	
*Gear, Draft - M-381	16040	.45	
Gear, Draft - MF-400-2	16024	.15	
*Motor, Hydraulic - Dennison Type M1D - Century Series	16026A	.35	
*Pump, Hydraulic - Dennison Type T1D - Century Series	16027A	.25	
Snubber, Truck, Symington Gould	16001	.25	
Speed Recorder - CP "Bantam"	16021	.60	
*System, Generator Compartment Air Filtering - Century Series	16030A	.15	
Truck, 4 Wheel, 2 Motor - DL-208, 209, 212, 218, 219, 640, 700 701, 718, 721, 1641, 1661, 1662	16010	.40	
*Truck, 4 Wheel, 2 Motor - Century Series	16036	.35	
Truck, 4 Wheel, 2 Motor - DL-421, 430, 431, 440, 461, 1530, 1540	16011	.35	
Truck, 4 Wheel, 2 Motor - DL-532	16012	.35	
*Truck, 4 Wheel, 2 Motor and Span Bolster	16034	.45	
Truck, 6 Wheel, 3 Motor - DL-500, 540	16015	.30	
Truck, 6 Wheel, 3 Motor - DL-531, 535	16000	.30	
Truck, 6 Wheel, 3 Motor - DL-535M	16022	.35	
Truck, 6 Wheel, 3 Motor - DL-541, 543	16013	.30	
Truck, 6 Wheel, 3 Motor - DL-560	16014	.30	
Truck, 6 Wheel, 3 Motor - DL-560C	16023	.35	
Truck, 6 Wheel, 3 Motor - DL-600, 624, 702, 722	16009	.40	
*Truck, 6 Wheel, 3 Motor - Century 628	16035	.35	
Valve, Relief, Type RV-40	16028	.20	

MISCELLANEOUS MECHANICAL - 17000 GROUP

*Expansion Joints, Railroads - M & S	17043	.15	
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<u>Subject</u>	<u>MI Number</u>	<u>Price Each</u>	<u>Quantity Ordered</u>
*Exchanger, Heat - CP & CPR - Amer. Stand - M & S -----	17022	.15	_____
*Exchanger, Heat - Gen. Data - Young - M & S -----	17020	.15	_____
*Fan - Hartzell 3340 N-24 - S -----	17025	.15	_____
Guide, Locomotive Inspection, Maintenance & Lubrication except Century Series -----	17003A	.35	_____
*Guide, Locomotive Inspection, Maintenance & Lubrication - Century Series -----	17006A	.40	_____
Instructions, Operation - Engine - M & S -----	17000	.20	_____
*Instructions, Operating - Dual Fuel Engine -----	17038	.35	_____
*Instructions, Operating - Drill Rig -----	17018	.70	_____
*Instructions, Operating - Standby Engines as Automatic Starting Generator Sets -----	17039	.25	_____

ELECTRICAL ROTATING EQUIPMENT - 20000 GROUP

*Gear Unit, Power Take-Off (Traction Motor Blower) GA29A1, 2, B1, C1, D1, E1, F1 -----	20000C	.35	_____
Gearing, Inspection of Traction Motor -----	20001A	.20	_____
*Generator, AC Synchronous - Horizontal Overhang -----	20023	.70	_____
Generator, Auxiliary - GY27E1, F1 -----	20012	.60	_____
Generator, Auxiliary, GY48B1 -----	20020	.60	_____
Generator, Axle - GYA17A2 -----	20005A	.35	_____
Generator, Axle - MM24A, B, C, D, F -----	20003A	.20	_____
Generator, Exciter - GTA6 -----	20011	.45	_____
Generator, Exciter-Auxiliary Set - GMG158A1, 4 -----	20013	.40	_____
Generator, Exciter-Auxiliary Set - GMG167C1 -----	20002A	.70	_____
Generator, Exciter-Auxiliary Set - GMG490PB1 -----	20017	.45	_____
Generator, Tachometer - MM16L1 -----	20007	.20	_____
Generator, Traction - GT581A1, C1, 2, 6, D1, E1 -----	20010	1.00	_____
Generator, Traction - GT584D3 -----	20014	.60	_____
*Generator, Traction - GT586A2, 3, 4, 5, B1 -----	20019	1.00	_____
*Generator, Traction - GT598A1, D1 -----	20022	1.00	_____
Generator, Traction - GT740PB1 -----	20018	.70	_____
Motor, Blower - Dynamic Braking Resistor - GY19A1, 2, 3, 4, E1 -----	20004B	.50	_____
Motor, Blower - Traction Motor - GY29C1 -----	20006	.15	_____
Motor, Traction - GE752E4, 5 -----	20009A	1.00	_____
Motor, Traction - GE761A1 -----	20015	1.00	_____
Motor, Traction - GE761A3 -----	20016	1.00	_____
Rotating Equipment, Electrical - General Maintenance -----	20008A	.70	_____

ELECTRICAL CONTROL EQUIPMENT - 22000 GROUP

Battery, Lead -----	22000	.15	_____
Battery, Ni-Cadmium-Exide -----	22029	.20	_____
Contact, CM53 -----	22039	.30	_____
Contact, CM55 -----	22045	.30	_____
Contact, CM57 -----	22040	.30	_____
Contact, CM59 (RC) -----	22021A	.30	_____
Contact, CP2 -----	22011A	.35	_____
Control Equipment, Electrical - General -----	22007	.15	_____
Control Equipment, Electrical - Testing -----	22010A	.20	_____
*Controller, Master, KC91 -----	22077	.15	_____
Controller, Master, KC92 -----	22020A	.20	_____
*Controller, Master, KC99 -----	22052	.15	_____

<u>Subject</u>	<u>MI Number</u>	<u>Price Each</u>	<u>Quantity Ordered</u>
*Controller, Shunting, KM47 -----	22035B	.45	
Governor, Engine, MG8 - Repair Maintenance -----	22044	1.00	
Governor, Engine, MG8 - Running Maintenance -----	22023	.20	
Guide, Trouble Shooting, Static Excitation -----	22006	.20	
Guide, Trouble Shooting, Type "E" Excitation (Face Wired Panels) -----	22043	.25	
Interlock, AF14 -----	22038	.15	
Interlock, AF20 -----	22046	.15	
Interlock, AF21 -----	22047	.15	
Interlock, AF41 -----	22037	.15	
Panel, FH14 (RP)-----	22005	.25	
*Panel, FL4 (WS Slow Recovery) -----	22070	.20	
*Panel, FL7A1 (WSP - 4 Motor)-----	22055	.40	
*Panel, FL8A1 (WSP - 6 Motor)-----	22056	.45	
*Panel, FL10A1 (TRP - 3 Event) -----	22057	.40	
*Panel, FL11A1 (TRP - 4 Event) -----	22058	.40	
*Panel, FL12A1 (FSP) -----	22059	.55	
*Panel, FL14 (Excitation - Basic) -----	22060	.60	
Form A1 (Century 855) -----	22063	.30	
Form B1 (Century 424) -----	22064	.30	
Form C1 (Century 420) -----	22065	.30	
Form D1 (DL-718) -----	22073	.30	
Form E1 (Century 628) -----	22062	.30	
Form F1 (DL-560) -----	22066	.30	
Form K1 (Century 425) -----	22075	.30	
Panel, FM135 (LRP) -----	22003A	.20	
Panel, FM136 (LP) -----	22002	.20	
Panel, FM138 (ECP)-----	22001	.20	
*Panel, FM148 (ECP)-----	22026B	.30	
Panel, FM190 (WSP)-----	22027B	.40	
Panel, FM191 (TRP)-----	22024B	.35	
Panel, FM192 (Speedometer) -----	22050	.25	
Panel, FM194 (EXC) -----	22030B	.65	
Panel, FM195 (FSP) and 197 (FSPA) -----	22032	.40	
Panel, FM207 (SWSP) -----	22051	.15	
*Panel, FM216 (WS Ample) -----	22069	.25	
Panel, LE74 (BKP)-----	22004	.20	
Panel, LE80 (CR1, 2, 3)-----	22018A	.55	
Regulator, Voltage, FH16A1, B1 (VRR)-----	22022A	1.00	
Regulator, Voltage, FH20B (VRR)-----	22042	.45	
Regulator, Voltage, LH22C1 (VRR)-----	22048	.75	
Regulator, Voltage, LH28J9, M9, AF23 (VRR) -----	22025	.25	
Regulator, Voltage, LH30L1 (VRR) -----	22017A	.75	
*Regulator, Voltage, LH30J1 (VRR) -----	22054	.20	
Relay, LC19 (RC) -----	22016A	.25	
Relay, LC38 (TRP)-----	22014A	.15	
*Relay, LS25 (Magnetic) -----	22068	.20	
*Relay, LV24 -----	22053	.15	
Relay, LV66 -----	22008A	.30	
Relay, LV68 (GR) -----	22009A	.25	
Relay, LV71 (BKRR) -----	22028A	.15	
Reverser, DP13 and MV38 Manget Valve (REV)-----	22036	.55	
Reverser, DL17 and MV38 Magnet Valve (REV)-----	22049	.35	
Reverser, DP21 and MV38 Magnet Valve (REV)-----	22033	.35	
Reverser, DP22 and MV38 Magnet Valve (REV)-----	22034	.35	
Switch, Braking,GP19 and MV38 Magnet Valve (BKT) -----	22041	.55	
Switches, Power -----	22019	.25	
Valve, Magnet MV30B1, C2, DMS, 34B6 -----	22012	.15	

MISCELLANEOUS ELECTRICAL EQUIPMENT - 24000 GROUP

<u>Subject</u>	<u>MI Number</u>	<u>Price Each</u>	<u>Quantity Ordered</u>
Circuit Analysis, Adhesion Loss Detection System (FM190) - - - - -	24028	.30	
Circuit Analysis, Automatic Transition, Type "E" System (FM191) - - - - -	24024	.30	
Circuit Analysis, Dynamic Braking, Type "E" System (FM194) - - - - -	24029	.40	
Circuit Analysis, Engine Speed Control, Static & Type "E" Systems Using MG8 Governor - - - - -	24027	.50	
Circuit Analysis, Excitation Control, Type "E" System (FM194) - - - - -	24026	.50	
Circuit Analysis, Field Shunting Controller (FM195) - - - - -	24033	.35	
Circuit Analysis, Schematic Diagram Fundamentals - - - - -	24023	.35	
Circuit Analysis, Split Pole System Locomotives - - - - -	24025	.40	
Circuit Analysis, Voltage Regulation - FH20 Regulator - - - - -	24030	.30	
*Contactors and Starters - CR105, 106 Nema 0 - S - - - - -	24048	.15	
*Contactors and Starters - CR105, 106 Nema 2 - S - - - - -	24049	.15	
*Contactors and Starters - CR105, 106 Nema 00 - S - - - - -	24064	.20	
Gauge, MM&M - Pg. 115-119 - S - - - - -	24037	.15	
Gauge, Instructions - Solfrunt & Supergauge - M & S - - - - -	24009	.25	
*Gauge, Parts List - Supergauge - Fig. 1802, 03, 12, 13, 22, 23, 32, 33 - M & S - - - - -	24010A	.20	
Gauge, Parts List - Solfrunt - Fig. 1903, 13, 23, 33 - M & S - - - - -	24031	.15	
Gauge, U.S. Duplex - Fig. 539 - S - - - - -	24045	.15	
Gauge, U.S. Simplex - Fig. 524 - S - - - - -	24046	.15	
Generator, Tachometer - Bearings - M & S - - - - -	24006	.20	
Generator, Tachometer - 758AC - S - - - - -	24053	.15	
Heater, Immersion - Wiegand - MT-3 - S - - - - -	24038	.15	
*Heater, Immersion - Weigand - LUH - S - - - - -	24052	.20	
Horn - Federal 55 - M & S - - - - -	24011	.15	
Horn - Federal 450 - S - - - - -	24044	.15	
Meter, Time - M & S - - - - -	24034	.15	
Pyrometer, FAX and FRT - M & S - - - - -	24005A	.20	
Railroad Electronics - Semiconductor Theory - Type "E" - - - - -	24007A	.50	
Relay, General Electric CR124A1 & B1 - S - - - - -	24050	.15	
Relay, General Electric CR124C & D - S - - - - -	24041	.15	
*Relay, HGA11 - S - - - - -	24051	.20	
Switch, Control - General Electric SB-1 - S - - - - -	24039	.30	
Switch, Control - General Electric SB-1 - R/P - S - - - - -	24040	.20	
*Switch, Engine Protector - PM120 - M & S - - - - -	24065	.20	
Switch, Pressure Control - United Electric J6 - M & S - - - - -	24003	.15	
Switch, Pressure Control - United Electric J17A - M & S - - - - -	24004	.15	
Switch, Pressure Control - United Electric J27A - M & S - - - - -	24002	.15	
*Switch, Temperature Control - United Electric C11 - - - - -	24032A	.15	
Switch, Temperature Control - United Electric C17A - M & S - - - - -	24012	.15	
*Switch, Temperature Control - United Electric C17A (Drg. 7908) - S - - - - -	24043A	.15	
Switch, Temperature Control - United Electric F7 - M & S - - - - -	24001	.15	
Switch, Temperature Control - United Electric F17A - M & S - - - - -	24000	.15	
Tachometer - Jones Motrola - S - - - - -	24042	.20	
Tests & Adjustments, Automatic Transition, LC38 Relay Type - - - - -	24021A	.35	
Tests & Adjustments, Automatic Transition, LE80 Relay Type - - - - -	24020	.15	
Tests & Adjustments, Automatic Transition, Type "E" System - - - - -	24019	.20	
Tests & Adjustments, Dynamic Braking, Split-Pole System - - - - -	24017	.30	
*Tests & Adjustments, Dynamic Braking, Static System - - - - -	24015A	.30	
Tests & Adjustments, Dynamic Braking, Type "E" System - - - - -	24016	.20	
*Tests & Adjustments, Insulation Resistance & Hi-Potential Testing - - - - -	24018A	.25	
Tests & Adjustments, Locomotive, 3 Field System - - - - -	24036	.70	
Tests & Adjustments, Locomotive, Century 420 & 424 - - - - -	24035	.65	
Tests & Adjustments, Locomotive, Split-Pole System - Export - - - - -	24008	.60	
*Tests & Adjustments, Locomotive, Static System - - - - -	24022A	.70	
Tests & Adjustments, Locomotive, Type "E" System - - - - -	24014	.65	

<u>Subject</u>	<u>MI Number</u>	<u>Price Each</u>	<u>Quantity Ordered</u>
*Timer, Percentage, TSA-14 - M & S -----	24067	.30	_____
Thermometers, U.S. Gauge - Fig. 905 - S -----	24047	.15	_____
Binders, imprinted "Instruction Manual - Alco Products, Inc." -----		2.50	_____
*Binders, imprinted "Equipment Bulletins - Alco Products, Inc." -----		1.50	_____

LOCOMOTIVE OPERATING MANUALS

<u>Manual No.</u>	<u>Spec's.</u>	<u>Model</u>	<u>Engine</u>	<u>H. P.</u>	<u>Motors</u>	<u>Brake</u>	<u>Control</u>	<u>Price</u>	<u>Quantity</u>
*TP-447	DL-721A	Cent. 420	12-251	2000	4-752	26L	Type E	1.25	_____
	DL-628	Cent. 628	16-251	2750	6-752				_____
	DL-640A	Cent. 424	16-251	2400	4-752				_____
	DL-640B	Cent. 425	16-251	2500	4-752				_____
*TP-446	DH-643	Hydraulic	12-251	3600	6-axle	26L		1.25	_____
*TP-445	DL-855A & 856A	Cent. 855	16-251	5500	8-752	26L	Type E	1.25	_____
TP-434	DL-701	RS-11	12-251	1800	4-752	6SL	Static	1.00	_____
	DL-702	RSD-12	12-251	1800	6-752	24RL	Static		_____
	DL-721	RS-32	12-251	2000	4-752	26L	Type E		_____
	DL-722	RSD-33	12-251	2000	6-752		Type E		_____
	DL-701	RS-36	12-251	1800	4-752		Type E		_____
	DL-702	RSD-38	12-251	1800	6-752		Type E		_____
TP-427	DL-640	RS-27	16-251	2400	4-752	24RL, 26L	Type E	1.00	_____
TP-425	DL-600	RSD-15	16-251	2400	6-752	24RS, 26L	Static	1.00	_____
TP-421	DL-440	T-6	6-251	1000	4-752	6SL, 26L	Split Pole	1.00	_____
TP-412	DL-701	RS-11	12-251	1800	4-752	6SL, 24RL	Static	1.00	_____
	DL-702	RSD-12	12-251	1800	6-752	6SL, 24RL	Static		_____
TP-409A	DL-430	S-6	6-251	900	4-752	6SL	Split Pole	1.00	_____
TP-408	DL-600	RSD-7	16-244	2400	6-752	24RL	Static	1.00	_____
TP-407	DL-421	S-5	6-251	800	4-752	6SL	Split Pole	1.00	_____
TP-406	DL-304	PA-1	16-244	2250	4-752	24RL	Amplidyne	1.00	_____
	DL-305	PB-1	16-244	2250	4-752	24RL	Amplidyne		_____
TP-405A	E-1664	RSD-5	12-244	1600	6-752	6SL-24RL	Simplified Amplidyne	1.00	_____
TP-405	E-1664	RSD-5	12-244	1600	6-752	6SL-24RL	Amplidyne	1.00	_____
TP-402A	DL-212	FA-2	12-244	1600	4-752	24RL	Static	1.00	_____
	DL-212	FPA-2	12-244	1600	4-752	24RL	Static		_____
	DL-213	FB-2	12-244	1600	4-752	24RL	Static		_____
	DL-213	FPA-2	12-244	1600	4-752	24RL	Static		_____

Manual No.	Spec's.	Model	Engine	H. P.	Motors	Brake	Control	Price	Quantity
TP-402	DL-212	FA-2	12-244	1600	4-752	24RL	Amplidyne	1.00	_____
	DL-212	FPA-2	12-244	1600	4-752	24RL	Amplidyne		
	DL-213	FP-2	12-244	1600	4-752	24RL	Amplidyne		
	DL-213	FPB-2	12-244	1600	4-752	24RL	Amplidyne		
TP-401	E-1662	RS-3	12-244	1600	4-752	6SL-24RL	Amplidyne & Simplified Amplidyne	1.00	_____
TP-107A	E-1530	S-1	6-539	660	4-731	14-EL	Split Pole	1.00	_____
	E-1540	S-2	6-539	1000	4-731	14-EL	Split Pole		
	E-1641	RS-1	6-539	1000	4-731	14-EL	Split Pole		

FORMER LOCOMOTIVE MAINTENANCE MANUALS

Manual No.	Spec's.	Model	Engine	H. P.	Motors	Control	Price	Quantity
TP-503 3rd Edition	E-1662	RS-3	12-244	1600	4-752	Amp. Simp. Amp.	4.00	_____
	E-1664	RSD-5	12-244	1600	6-752	Simplified Amp.		
	DL-212	FA-2, FPA-2	12-244	1600	4-752	Amp. & Static		
	DL-213	FB-2, FPB-2	12-244	1600	4-752	Amp. & Static		
	DL-304	PA-1	16-244	2250	4-752	Amplidyne		
	DL-305	PB-1	16-244	2250	4-752	Amplidyne		
DL-600	RSD-7	16-244	2400	6-752	Static			
TP-504 2nd Edition	DL-430	S-6	6-251	900	4-752	Split Pole	4.00	_____
TP-509	DL-440	T-6	6-251	1000	4-752	Split Pole	4.00	_____
TP-700	E-1530	S-1	6-539	660	4-731	Split Pole	4.00	_____
	E-1540	S-2	6-539	1000	4-731	Split Pole		
	E-1641	RS-1	6-539	1000	4-731	Split Pole		
TP-800 Locos. Built Prior to 1954 with 244 Engines	E-1662	RS-3	12-244	1600	4-752	Amplidyne	3.50	_____
	E-1664	RSD-5	12-244	1600	6-752	Amplidyne		
	DL-212	FA-2, FPA-2	12-244	1600	4-752	Amplidyne		
	DL-213	FP-2, FPB-2	12-244	1600	4-752	Amplidyne		
	DL-304	PA-1	16-244	2250	4-752	Amplidyne		
DL-305	PB-1	16-244	2250	4-752	Amplidyne			

LOCOMOTIVE MODEL IDENTIFICATION CODE

Locomotive Type	Wheel, Motor and Cab	Model No.
S - Switcher	A - "A" Unit	1, 2, 3, 4, etc.
RS - Road Switcher	B - "B" Unit	
P - Passenger	C - 6 Wheel, 2 Motor Truck	
F - Freight	D - 6 Wheel, 3 Motor Truck	
FP - Freight with Steam Generator		
T - Transfer		

FORMER MAINTENANCE INSTRUCTIONS

<u>Manual No.</u>	<u>Description</u>	<u>Price</u>	<u>Quantity</u>
MI-1009B	Water Temperature Control Equipment - Minneapolis-Honeywell High Pressure and Simplified High Pressure, Alco Two Step, and Automatic-Manual Switcher Control Systems	.75	_____
MI-2002A	Governors - Models MG3 and 6	.75	_____
MI-2005	Operation of Power Plant Regulating, Static Excitation and Dynamic Braking Systems	.75	_____
MI-2006A	Exciter - Auxiliary Generator Sets, Models GMG-139, 144 and 158	.75	_____
MI-2007A	Relays - Types 17LV53	.75	_____
MI-2008A	Auxiliary Generators and Exciters - Auxiliary - Generator Model GY Amplidyne Exciter Model AM A-C Generator Model GTA Speedometer Generator Models GTA & CM	.75	_____
MI-2012-A	Load Testing - All Amplidyne Control	.75	_____
MI-2012-A Supp. 1	Load Testing - 1000 H. P. Model T-6	.75	_____

