



Pointers

POINTERS SUMMARY

The following Pointers articles were published during 1977, 1978, and 1979. These lists have been prepared to promote a review of the articles for information to reduce maintenance costs, improve operation, and extend service life of the equipment.

— 1977 SUMMARY —

January 10, 1977 (1L-77)

Liner/Piston Inspection Guide

February 23, 1977 (3L-77)

Improved Interlock Operator - 8409983

Engine Water Manifold Insert And Sleeve

Cooling System Overfilling

A.A.R. Multiple Wear Line Traction Motor Brushes

Removal Of Exhaust Manifold Leg Dividers

March 14, 1977 (4L-77)

Vortex Compressor Filters

New Traction Motor Bearing Seal Arrangement

New Anchor Shackle Base

April 28, 1977 (5L-77)

Air Compressor Intercooler Safety Valves

Head-To-Liner Nut Torque

Improved Lube Oil Drain Valves

Improved Pressure Test Fitting For Main Lube Oil Filter Tank

Brake Rigging Slack Adjusters

New Fuel Suction Strainer Element

May 23, 1977 (6L-77)

Viking Fuel Pump Seal Packing Nut

Wire Terminal Crimping Tool

Nylatron Center Bearing Half Rings

Turbocharger Lifting Device

June 22, 1977 (7L-77)

New Traction Motor Support Bearing

D77 Traction Motor Axle Cap Bolts

June 27, 1977 (8L-77)

Water Leaks In The Water Outlet Area Of The Engine Power Assembly

July 20, 1977 (9L-77)

Improved Low Maintenance Paper Element Engine Air Filters

Low Idle

August 22, 1977 (10L-77)

New Departure-Hyatt Journal Box Front Cover Removal

Service Department Training Aids

Modernization Recommendation 9615 - High Voltage Cabinet Air Filter Application

September 26, 1977 (11L-77)

Nylatron "Notched" Truck Pedestal Liner 9324108

Flushing Diesel Engine Lubricating Oil System

A Service Department Publication

September 26, 1977 (11L-77) Cont'd.

Traction Motor Blower Wheel Blade
Reduction On GP Locomotives

Governor Oil Supply And Drain Hose

Discontinuance Of Repair Service -
Cab Heater Motor 8484919

Optional Chrome Face Ductile Iron Top
Ring For Iron Bore Liner Service Parts

Padded "Theft-Proof" Sun Visor

October 24, 1977 (12L-77)

Piston Assemblies For Use With Chrome
Plated Liners - 645 Engines

Cooling System Draining

Carbon Brushes For Main Generators
D12, D15, D22, D25, And D32

Testing Modules And Panels At
Low Engine Idle Speed

Increased Capacity D-77 Traction
Motor Gear Case

Bolster Wear Plate 8449465 For SD Trucks

Tuthill Gear Pumps 8020257, 8411540,
8498154 Cover-To-Housing Gaskets

Air Compressor Connecting Rod Bearings

Injector Crab Stud In 567B Engine
Cylinder Heads

Auxiliary Drive Assembly

December 7, 1977 (13L-77)

Exhaust Screen Inspection Port For
Rear Exhaust Manifold

Engine Blower Standardization

New Support Bearing Oil Filler Cap
And Wick Lubricator Cover Gasket

Telecopier Ordering System

Injector Crab Nut Torque

December 7, 1977 (13L-77) Cont'd.

Air Compressor Crankshaft

Piston Assemblies For Use With
High Sulfur Fuel

Oversize Width Top Rings For
Blower-Type 645 Engines

Carbody Long Hood Modifications

— 1978 SUMMARY —

February 13, 1978 (2L-78)

Improved Cooling Fan Drive -
Mechanically Driven Cooling Fans

Modification And Maintenance Of Pin-Type
Slack Adjuster On GP Or SD Single Shoe
Brake Rigging

Air Compressor Tube Connectors

Use Of Supplemental Additives In
Fuel And Lubricants

Traction Motor Blower Wheels -
SD And Export Locomotives

Repair Procedure For Mechanical
Flat/Round Radiators

March 27, 1978 (3L-78)

Water Manifold Support Bracket -
Turbocharged 16-645 Engines

Fuel And Soak Back Pump Identification

Governor Oil Supply And Drain Hoses

Modernization Recommendation
M.I. 9619 - Engine Low Idle Speed

Piston Assemblies For Use
With High Sulfur Fuel

April 27, 1978 (4L-78)

645 & 567 Lower Liner Seal

Sight Glass Application To Seven-Element
Lube Oil Filter Tanks

"Top Fill" Lube Oil System Application

April 27, 1978 (4L-78) Cont'd.

Engine Air Inlet Ducts
Radiator Rubber Shimming
Improved Fuel Oil Filter Bypass
Valve And Indicator
Improved Primary Fuel Filtration

May 22, 1978 (5L-78)

High Voltage Cabinet Thermal Insulation
Modernization Recommendations
Paper Element Engine Air Filters For
SW1000 And SW1001 Locomotives
WBO Air Compressor Gear-Type Oil
Pump Conversion Kits

June 19, 1978 (Special Export)

Factors Influencing Engine Wear

June 26, 1978 (6L-78)

Improved Pin Arrangement - Module
Door Stop Lever For -2 Locomotives
Water Manifold Support Bracket -
Turbocharged 16-645 Engines
Chicago Pneumatic Speed Recorder
And Speed Indicator
Air Compressor/Exhauster Discharge
And Suction Valves

July 17, 1978 (7L-78)

Laser Hardened Cylinder Liner
(Port Relief Area Only)
Improved Auxiliary Generator
Bearing Arrangement
Traction Motor Gear Lubricant

August 14, 1978 (8L-78)

New Design Main Bearings And Caps
Engine Cooling Water Quality And Inhibitors
Discontinuance Of Repair Service On Piston
Carrier 8149693 (Includes Bushing)

August 14, 1978 (8L-78) Cont'd.

AR10 Generator Bearing Renewal
D29 Traction Motor Armature Bearings

September 11, 1978 (9L-78)

Traction Motor Ground Cable Application
Huckbolt Fasteners For Shock Absorbers
Transition Module Interchangeability
Wheel Overspeed Module Interchangeability
Discontinuing Injector Spray Tip Assemblies
5229242, 5229243, And 5229244
New Style Journal Box Oil Filler Cap
New Traction Motor Pinion End Bearings

October 24, 1978 (10L-78)

Immersion Heater Water Pumps
Headed Traction Motor Nose
Support Pin 9334249
Main Lube Oil Pumps 16 And 20-Cylinder
Turbocharged Engines
Dynamic Brake Grid Blower Motor Brushes
Hydraulic Shock Absorber Fluid Leakage

November 13, 1978 (11L-78)

Improved Engine Gaskets And Seals

November 27, 1978 (12L-78)

Identification And Field Testing Of
Hydraulic Shock Absorbers
Cylinder Head Valve Seat Grinding

December 4, 1978 (13L-78)

Case-Hardened Coupler And Yoke
Pins And Bushings
Double Idler Stubshaft Bracket Application
Dynamic Brake Engine Speed
Engine Purge Control

December 4, 1978 (13L-78) Cont'd.

AR6 And AR10 Generator Snowguard
Modification

Sensor By-Pass Panel Revision

Viscous Damper Qualification

Lubricant For Spherical Bearings In
D25, D32, AR5, AR6, AR10, AR12, And
AR16 Generators

— 1979 SUMMARY —

January 15, 1979 (1L-79)

Pointers Summary

February 12, 1979 (2L-79)

Turbocharger Spring Drive Gear

Purchasing And Materials
Material Management Seminar

Auxiliary Generator And
Traction Motor Blower
Assembly Mounting Bolts

DG, EL, And Ws Module
Test Procedures On
Dash 2 Locomotives

March 19, 1979 (3L-79)

Wick Lubricator Cleaning Machine

Engine Purge Control Operation

High Efficiency Paper -
Element Engine Air
Filter 9513139

Blade Connecting Rod
And Piston Pin Surface Finish

Adapter Bracket For Mounting
Slip Ring Grinder

Thread Chaser Die Nut
For Improved Thread Crab Bolts

Bearing Modification -
Rigid Switcher Trucks

Discontinuance Of Lube Oil
Filter Cartridges 8262492

Purchasing And Material
Management Seminar

April 23, 1979 (4L-79)

PCB Disposal Techniques

EPC Contractor Replacement

Voltage Regulator Module VR-11 Upgrading

New WBO Air Compressor Models

Elimination Of Dowel Holes
In The End Plates
Of Unit Exchange Crankcase

Generator Disc To Generator Mounting Bolts

May 25, 1979 (5L-79)

Differential Engine Protectors

Machining Engine Crankcase
Cylinder Head Frames

Spiral Grooved Collector Rings
For Traction Generators
And Companion Alternators

June 26, 1979 (6L-79)

Governor Speed Loss Correction

Traction Motor Gear Profile Gauge 9512412

Fuel Preheater Thermostatic Valves

Engine Coolant

July 3, 1979 (7L-79)

Cooling System Modification
For Automatic Drain

Improved Throttle Clevis
Assembly 8478235

Turbocharger Eductor Tube
Assembly Improvement

Differential Engine Protector
Test Procedure

Misapplication Of Auxiliary Contactors

Roots Blown Spark Arrester
Exhaust Manifold Cleanout
Kit 9518064

Purchasing And Material
Management Seminar

August 27, 1979 (8L-79)

Starting Motor Thermal
Overload Protection

Two-Tang Lower Main Bearings

Purchasing And Material
Management Seminar

Obsolete Handbrake Assemblies

September 28, 1979 (9L-79)

Electro-Motive Division Warehouse

Improved Viking Gear-Type Fuel Pumps

Journal Box Odor-Type
Heat Indicator 8141664

Plate Washer Nylatron Pedestal Liner

Diesel Engine Troubleshooting Guide

Generator Bearing Housing Lubricant

October 26, 1979 (10L-79)

Locomotive Winterization

Discontinuance Of Unit Exchange Service
On Field Shunting Contactor 8332847

October 26, 1979 (10L-79) Cont'd.

Water Pump Mounting Bolt Wrench

Crankcase Cylinder Head Retainer
Resurfacing Tool 9509391, 567C, 567D,
And All 645 Engines

Type "H" Couplers Discontinued

Improved Auxiliary Generator Bracket
To Main Generator Mounting Arrangement

November 26, 1979 (11L-79)

Cast Iron Air Compressor Drive Coupling

Revised Engine Lube Oil Specifications

Electric/Hydraulic Main Bearing
Stud Nut Wrench

Electric/Hydraulic Crab Nut Wrench

Improved Defroster Hose Material

Cylinder Head Crab
Bolt System Improvements

Air Compressor Low Oil Protection