

LOCOMOTIVE



Pointers

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POINTERS SUMMARY

The following Pointers articles were published during 1981, 1982, and 1983. 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.

— 1981 SUMMARY —

January 12, 1981 (1L-81)

Pointers Summary

February 23, 1981 (2L-81)

RRS Pin-Type Slack Adjuster

Cylinder Head Crab Bolt Torquing Procedures
— 645F3 Engines

Master Calibration Injectors

March 26, 1981 (3L-81)

Engine Protector Rebuild Kits

Improved Turbocharger Spring Drive Gear

Air Cooled Compressor Components

Connecting Rod Application — 645F3 Engines

Replacement LED For 8461993

Sound Baffle Application — MP15DC Locomotive

Silicon Controlled Rectifiers

June 1, 1981 (4L-81)

Circuit Modification — Starting Motor Thermal
Overload Protection

June 1, 1981 (4L-81) Cont'd.

Traction Motor Pinion Removal

Governor Settings

July 1, 1981 (5L-81)

Flange Lubricator Replacement

Troubleshooting Guide

D14 Alternator Brushholder 8449414

Lubricating Oil Titration System

September 14, 1981 (6L-81)

Head-To-Liner Nut Torque

Locomotive Geared Maximum Speeds

New WBG Air Compressor Models

SE10 Module Upgrade To SE13

Replacement Of Door Latch Assembly 8020284

High Impact Glazing

D14 And D18 Alternators

October 26, 1981 (7L-81)

Consist Make-Up, Train Handling, And
Equipment Maintenance For Multiple
Unit Dynamic Braking

November 30, 1981 (8L-81)

Nine-Blade Radiator Cooling "Q" Fan

Discontinued Injector

Plate Washer — Nylatron Pedestal Liner

• • • • • **A Service Department Publication** • • • • •

November 30, 1981 (8L-81) Cont'd.

Crimping And Extraction Tools For 50-Series
Module Pins And Receptacles

Main Reservoir Hanger Brackets

Replacement Of VR11 Module With
VR13 Module

— 1982 SUMMARY —

January 11, 1982 (1L-82)

Pointers Summary

March 8, 1982 (2L-82)

"D" Contactor Compartment Drain

Field Shunting Contactor 9502770

Air Compressor Oil Filter Changeout

Modification Of Standard Throttle And Dynamic
Brake Handles For Use With Vapor Alertor

Thermoplastic Tube Assemblies

May 10, 1982 (3L-82)

Radar Tester

Governor Control Module Standardization

Repair Service Discontinued On Static-Type
Voltage Regulators

June 21, 1982 (4L-82)

New Design Gear Cases With Plastic Gear Case
Seals

Exhaust Manifold Retrofit For Increased Fuel
Economy - 16-Cylinder Blower-Type Engines

Pinion Advance Gauge

July 6, 1982 (5L-82)

Discontinuance Of Repair Service - Dynamic
Brake Grid Shorting Contactor

July 6, 1982 (5L-82) Cont'd.

Injector Spray Tip Airflow Masters

Turbocharger Spring Drive Gear

Servicing Of Vortox Oil Bath Air Filters Used
With Compressor/Exhauster Applications

Universal Application Handhole Covers For 645
Engines

August 23, 1982 (6L-82)

Bronze Lined Piston Pin Insert Bearings For
Blower-Type Engines

ABOV Compressor-Exhauster Gear Pump Kits

Correction To Procedure For Governor Air
Pressure Sensor Adjustment

Injector Body Assembly Part Number Change

October 25, 1982 (7L-82)

New EMD Warehouse

Replacement Of Ohmite Load Regulator Rheostats
9322456 And 9538703

Electric/Hydraulic Bar-Over Machine

Tool For Installation Or Removal Of Alertor Nut

November 19, 1982 (8L-82)

Improved Rocking Piston Pin Insert Bearing
Retainer System

December 13, 1982 (9L-82)

Modernization Recommendation - M.I. 9626
Engine Purge Control

Elastomer Buffer - Export Locomotives

Coupler Carrier Mounting Modification

"Q" Fan Blade Replacement

"Q" Fan Frame Air Purge Hole

— 1983 SUMMARY —

January 3, 1983 (1L-83)

Pointers Summary

January 24, 1983 (2L-83)

Module Test Adapter For "Super Series"
Locomotives

Transfer Switch 8464118 With Traction Motor
Cutout

Improved Water Pump Rebuild Kit

Water Pump Disassembly Tool 9549072

Air Compressor Replacement Recommendations
For New Locomotives With 200 RPM Low Idle

March 7, 1983 (3L-83)

Bearing For AR6, AR10, AR11, AR12, AR15,
D12, D15, D25, And D32 Generators

Application Of Silicon Rubber Sealant To
Traction Motor Support Bearing Flange

Strengthened Pinion-End Axle Cap For D37
Through D87 Traction Motors

Remanufactured Turbocharger Spring Drive
Gears

April 18, 1983 (4L-83)

Identification And Field Testing Of Hydraulic
Shock Absorbers

May 16, 1983 (5L-83)

Revised Water Inlet On Shallow Sump WBO
Air Compressors

Pin-Type Slack Adjuster Replacements

Cooling Fan Control Modification

Quiet "Q" Cooling Fan Guard Trapdoor
Application

Air Compressor Drive Flexible Coupling On
20-Cylinder Engine Locomotives

July 18, 1983 (6L-83)

Unit Exchange/Repair & Return "Floating
Bushing" Type Connecting Rods

July 18, 1983 (6L-83) Cont'd.

Rework Of Blade Connecting Rod

Injector Calibration Stand

Injector Tester

Unit Exchange Lash Adjusters Discontinued

AC Motor Driven Radiator Cooling Fans

Recommended Fasteners For Exhaust Silencer
Application

Injector Conversion, Injector Conversion Kit,
And Injector Body Conversion

August 22, 1983 (7L-83)

Requests For Publications

Fork Rod Basket Bore Qualification

Hydraulic Lash Adjusters

D22 Brush Holders Released For Use In D32
Generators

September 26, 1983 (8L-83)

Fixtures For Wheelset Changeout On Trucks
Equipped With Floating Pedestal Liners

Narrow Window Support Bearing Caps And
Wicks—D29 And D31 Traction Motors

Improved Head-Mounted Overspeed Trip Pawl

Horn Valve Handle

Improved Seal Design For Lube Oil Filter Tank
Covers

October 24, 1983 (9L-83)

Horsepower Calculations

Lube Oil Strainer Housing

Universal Piston Carrier Holding Fixture

November 14, 1983 (10L-83)

Main Bearing Stud And Nut - 567 And 645
Engines

Improved Radiator Water Inlet Screen