

THE WHITCOMB LOCOMOTIVE COMPANY  
ROCHELLE, ILLINOIS

PARTS LIST

0-4-4-0 Diesel Electric Locomotive Serial No. 60401 to 60404

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O-4-4-0, Diesel Electric

Part No.	No. Req'd	Part Description
<u>TRUCKS</u>		
	2	Truck Assemblies - consisting of: Truck Frames Axle - Driving and Driven Side Rods Spring Rigging Motor Suspension Foundation Brake Rigging
		<u>Truck Frames - with attached parts</u>
51550	2	Truck Frames
51550-18	4	Side Bearing Wear Plates
51550-19	32	Pedestal Jaw Thrust Wear Plates
51550-20	8	Pedestal Jaw Face Wear Plates - Driven Axle
51550-21	8	Pedestal Jaw Face Wear Plates - Driving Axle
43688-104	4	Truck Swing Bracket Pins
83394	8	Journal Box Wear Shoes - Driven Axles
22952-63	8	Adjusting Liners - 1/8" Thk. - Driven Axles
22952-64	32	Adjusting Liners - 1/32" Thk. - Driven Axles
82505-1	2	Center Pin Wear Plates
82506	2	Center Pin Wear Rings
BMS-10261-15	2	Oil Cups - Center Pin Lubrication Center Pin Lubrication Piping - Std. Pipe and Fittings.
83307-B	4	Frame Binders - Driven Axles
83308-B	4	Frame Binders - Driving Axles
<u>Axles</u>		
<u>Driving Axles</u>		
		Driving Axle Assemblies - Consisting of:
45194	2	Axle Shafts
43910-1	4	Wheels
51127	4	Journal Boxes
<del>26373</del>	4	<del>Journal Box Covers</del>
BMS-15988-9	8	Journal Roller Bearings
83388	4	Set - Bearing Adjustments Shims
BMS-15988-8	4	Journal Box Grease Fittings
81977-17	4	Bearings Spacer Sleeves - (Between Bearings)
81977-38	4	Thrust Collars - (Between Axle Collar 83389 and bearings)
83389	4	Axle Collars - (Wheel Hub Face Contact)

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Part No.	No. Req'd	Part Description
26007	4	Cranks - complete with Crank Pin 83385
41847-103	4	Crank Keys
	2	Axle Gears - (See - Triple Reduction Gearing)
	2	Axle Gear Keys (See - Triple Reduc- tion Gearing)
<u>Driven Axles</u>		
	2	Driven Axle Assemblies - Consisting of:
45195	2	Axle Shafts
43910-1	4	Wheels
51127	4	Journal Boxes
26373	4	Journal Box Covers
BMS-15987 -9	8	Journal Roller Bearings
83388	4	Set - Bearing Adjustment Shims
BMS-15987-8	4	Journal Box Grease Fittings
81977-17	4	Bearing spacers Sleeves (Between Bearings)
81977-38	4	Thrust Collars - (Between Axle Collar 83389 and Bearing
83389	4	axle Collars - (Wheel Hub Face Contact)
26007	4	Cranks - Complete with Crank Pin. #83385
41847-103	4	Crank Keys
<u>Side Rods</u>		
	4	Side Rod Assemblies - Consisting of:
26386	4	Side Rods
84511	8	Side rod Bushings
BMS-14330-11	8	Grease Cups - with Hydraulic Fittings
82363-1	8	Side Rod Retainer Washers
83390	8	Crank Pin Nuts
<u>Spring Rigging - Truck - Consisting of:</u>		
25489	8	Spring Equilizers
43946-1	16	Spring Pockets
43688-121	16	Spring Pockets Pins
83299	32	Springs
	32	Plain washers - 1-1/2" Std.
<u>Motor Suspension - Consisting of:</u>		
25372	2	Motor Suspension Hangers
43688-12	2	Motor Suspension Hanger Pins
140-A	2	Motor Suspension Springs
	2	Flat washers - 1-3/4" Std.
	2	Hex. Nuts - 1-3/4" - 5 N.C.

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Part No.	No. Req'd	Part Description
25371	2	Motor Safety Hangers
		<u>Foundation Brake Rigging - Truck</u>
		Truck Brake Assembly - Dwg. 51549
21330	8	Brake Shoes
43380	8	Brake Shoe Head
18354	8	Brake Shoe Keys
10220-119	4	Brake Shoe Head Pins - (Brake Hanger Hung Levers)
10220-120	4	Brake Shoe Head Pins - (Brake Frame Hung Lever)
25729-A	4	Brake Hanger Hung Lever
43688-105	4	Brake Lever Pins - Upper (Lever 25729 to Brake Lever Beam)
10220-148	4	Brake Lever Pins Lower - (Lever 25729 to Lever Pull Rods)
10473-320	4	Brake Hanger Links
43688-77	4	Brake Hanger Link Pins (Hanger Links 10473-287 to frame)
25731-A	4	Brake Frame Hung Levers
43688-77	4	Brake Frame Hung Lever Pins - Upper (Lever 25731 to frame)
43688-38	4	Brake Frame Hung Lever Pins - Lower (Lever 25731 to Brake Lever Pull Rods)
27465	2	Brake Cylinder Equalizer Beams
25730-B	2	Brake Lever Equalizer Beams
10424-291	4	Brake Pull Rods - (Brake Cylinder Equalizer Beams to Brake Lever Equalizer Beams)
83383-1	4	Brake Pull Rod Ends - (Brake Lever Equalizer Beam Ends)
83383-1	4	Brake Pull Rod Ends - (Brake Cylinder Equalizer Beam Ends)
16079-153	8	Brake Rod End Pins
83304-2	8	Brake Lever Pull Rods
83681	4	Adjusting Blocks
83729	4	Adjusting Bolts
	4	Jam Nuts - 1" - 8 N.C.
	4	Plain Washers - 1-1/4" Std.
10220-148	2	Brake Lever Pull Rod Pins - (Solid Ends of Pull Rods 83304-2)
43688-38	4	Brake Lever Pull Rod pins - (Adjusting Ends of Pull Rods 83304-2)
	4	Plain Washers - 1-1/4" Std.
25490-B	8	Brake Safety Hangers

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Part No.	No. Req'd.	Part Description
<u>TRIPLE REDUCTION GEAR DRIVES</u>		
	2	Traction Motors (See Electrical Equipment)
60397-1	2	Triple Reduction Gearing Assemblies - Consisting of:
60400	2	Gear Housing - Upper
60401	2	Gear Housing - Lower
60402	2	Gear Housing - End
63-A	2	Motor Straps
	2	Cap Screws - Socket Head - 3/4"-10 N.C.x2"Lg.
	14	Cap Screws - Socket Head - 3/4"-10 N.C.x2-1/2"Lg.
	14	Elastic Stop Nuts - 3/4" - 10 N.C.
	24	Cap Screws - Socket Head - 1"-8 N.C.x3-1/2"Lg.
	24	Elastic Stop Nuts - 1"-8 N.C.
	10	Cap Screws - Socket Head - 1"-8 N.C.x4"Lg.
	2	Cap Screw - Socket Head - 1"-8 N.C.x2-1/2"Lg.
	8	Taper Pins - #10 Std.x2"Lg.
	4	Pipe Plugs - 1" Std.
	2	Pipe Plugs - 2" Std.
83522	2	Motor Pinions - 19 Teeth
25604	2	Idler Compound Gears - 21 - 45 teeth
EMS-9408-8	4	Roller Bearings - for idler compound gear
83513	2	Bearing Covers - for Roller Bearing EMS-9408-8
EMS-11374-11	3	Sets of Shims - for Roller Bearings EMS-9408-8
25602	2	Intermediate Compound Gears - 14 - 56 teeth
EMS-9408-11	4	Roller Bearings - for Intermediate Gears
82512	2	Bearing Covers - for Roller Bearing EMS-9408-11
EMS-11374-15	3	Sets of Shims - for Roller Bearing EMS-9408-11
83510	2	Axle Gears - 49 teeth
41847-206	2	Axle Gear Keys
83931	4	Oil Seal Covers (Motor Side)
81861-2	2	End Cover Plates (Motor Pinions)
25611	2	Axle Bearings - Short
25612	2	Axle Bearings - Long
81864	6	Axle Bearing Retainer Studs
26226-1	4	Gear Case Covers (Axle)
EMS-11375-8	4	Oil Seals
EMS-11375-9	8	Felt Seals
84339	40	Cap Screws - 1/2"-13 N.C.x1-1/4"Lg.
84359	2	Motor Gaskets

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Part No.	No. Req'd.	Part Description
<u>UNDERFRAME AND ATTACHED PARTS</u>		
<u>Underframe</u>		
60553-B	1	Underframe
82535	2	Center Pin Wear Rings
26668	4	Side Bearings
83036-1	4	Side Bearings Wear Plates
44037-A	2	Sand Box - Left Front and Right Rear
44038-A	2	Sand Box - Right Front and Left Rear
<u>Couplers and Release Rigging</u>		
24539	2	Couplers
24363	2	Coupler Pockets
10424-271	8	Coupler Pocket Studs
	32	Hex. Nuts
80912-4	2	Coupler Pins
84577	2	Uncoupling Bars
	2	Flat Washers
26387	2	Coupler Release Levers - Left Front and Right Rear
26388	2	Coupler Release Levers - Right Front and Left Rear
84512	8	Uncoupling Lever Brackets
84513	8	Uncoupling Lever Retainers
<u>Footboards and Steps</u>		
<u>Footboards</u>		
26451	2	Footboards - Right Rear and Left Front
26452	2	Footboards - Left Rear and Right Front
82602-11	8	Footboard Supports
	12	Cap Screws, Nuts & L.W. - 1" - 8 N.C.x5-1/2" Lg.
	4	Cap Screws, Nuts & L.W. - 1" - 8 N.C.x6" Lg.
<u>Steps</u>		
26392	2	Frame Steps - Right Front and Left Rear
26393	2	Frame Steps - Left Front and Right Rear
<u>Handrailing</u>		
26389	2	Handrails - Front and Rear
26390	4	Handrails - Side
25825	4	Handrails Flanges - (Cab Ends)
83793	16	Handrail Flanges - (Frame Top)
26391	2	Grab Irons - Front and Rear
26457	2	Grab Iron Brackets

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Part No.	No. Req'd.	Part Description
<u>POWER PLANTS</u>		
	2	Power Plants - Consisting of: Engine and Generator Bases Engine and Engine Accessories Engine Starting and Battery Charging Equipment Engine Throttle Control Radiators, Radiator Piping and Radiator Shutters Main Generators Air Compressors Fuel Tank and Fuel Piping
		<u>Engine and Generator Bases</u>
43791	2	Engine and Generator Bases
18884	2	Front Engine Supports
BMS-14237-3	2	Engine Support Shims - Front
BMS-14237-5	4	Generator Support Shims
	24	Cap Screws & L.W. - (Generator Mounting to Bell Housing) 1/2" - 20 N.F. x 1-3/4"Lg.
82610-1	16	Mounting Bolts - (Flywheel to Generator Coupling)
82611	8	Lockwashers - for mounting Bolts 82610-1
		<u>Engines and Engine Accessories</u>
	2	Diesel Engines - Cummins Engine Company - Model HBI-600 in accordance with Whitcomb EM Sheets #14225 and #13799
BMS-14258-3	2	Exhaust Mufflers
85257	2	Exhaust Muffler Supports
	2	Pipe Couplings - (Welded to Cab Roof) - 4" Std.
	4	Pipe Elbows - 4" Std. x 90°
	2	Pipe Nipples - Threads Both Ends - 4" Std.x5-1/2"Lg.
	2	Pipes - Thread one end - 4" Std.x5-1/2"Lg.
BMS-14258-10	2	Exhaust Flexible Tubings
85258	2	Exhaust Fitting - Manifold connection
26925	2	Muffler Shrouds
		Engine Crankcase Drain Piping is in accordance with Whitcomb Drg. #25235 and is made up of Standard Pipe and Fittings.
		<u>Engine Starting and Battery Charging Equipment</u>
		<u>Engine Starting</u>
		Main Generator - (See Electrical Equipment)
		<u>Battery Charging</u>
	2	Generators 350 Watt - Leece-Neville #2023-G

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Part No.	No. Req'd.	Part Description
	2	Voltage Regulators - Leece-Neville #1800-R-16
BMS-13800-10	1	Fuse Cut-outs - 1-30A
BMS-13800-11	2	Enclosed Fuses - 10A - 250 V.
<u>Radiators, Radiator Piping and Radiator Shutters</u>		
<u>Radiators and Radiator Piping</u>		
43116-26	2	Streamline Radiators
	4	Cts'k Pipe Plugs - 2" Std.
	2	Pipe Plugs - 2" Std.
	4	Reducing Bushing - 2" to 1-1/2" Std.
BMS-14442-8	2	Fet Cocks - 1/2" Size
	2	Radiator Connections - Upper - Consisting of:
	2	Pipes - Thread Both Ends - 1-1/2" Std. x 7" Lg.
	4	Pipe Elbows - 90° x 1-1/2" Std.
	2	Pipe Nipples - 1-1/2" Std. x 2-1/2" Lg.
	2	Pipes - Thread one end - 1-1/2" Std. x 2-1/2" Lg.
BMS-14442-16	2	Hose - 1-7/8" I.D. x 8-1/2" Lg.
BMS-14442-17	2	Hose Clamps
82956-A	2	Radiator Connections - Lower - (to engine)
82957-B	2	Radiator Connections - Lower - (to radiator)
BMS-7667-12	2	Hose - 1-7/8" I.D. x 5-1/2" Lg.
BMS-7667-13	4	Hose Clamps - for hose BMS-7667-12
BMS-7667-14	2	Drain Pipe Nipples
BMS-7667-15	2	Drain Hose - 7/8" I.D. x 5 Ft. Lg.
BMS-7667-16	2	Hose Clamps - for hose BMS-7667-15
<u>Radiator Shutters</u>		
60456-1		Radiator Shutter Assembly - Consisting of:
50955	2	Radiator Shutter Frames
25896	4	Center Bearing Blocks
25894	4	Center Bearing Block Retainer Strips
25895	4	Bearing Blocks - (Shutter Rod Ends)
83859	18	Shutter Levers
83630	2	Shutter Operating Levers
83861	2	Shutter Operating Bell Cranks
25891	2	Lower Shutter Blade Assemblies
25892	16	Shutter Blade Assemblies
25893	4	Shutter Operating Lever Connecting Links
BMS-11011-12	24	Connecting Pins - with Cotter Pins
BMS-11011-13	2	Bell Crank Fulcrum Pins - with Cotter Pins
BMS-11011-14	6	Adjustable Yoke Ends
BMS-11011-15	2	Flexible Operating Cables
BMS-11012-1	2	Operating Cable Knobs
83862	2	Cable Clamps - with Cap Screws & L.W.
83168	2	Cable Clamp Angles
82597-4	2	Cable Clamp U-Bolts - with nuts & L.W.
83858	2	Shutter Operation Connecting Rods
9377-2	2	Rubber Bushings
BMS-11012-17	40	One Hole Cable Clamps



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0-4-4-0, Diesel Electric

Part No.	No. Req'd.	Part Description
	2	<u>Main Generators</u> (See Electrical Equipment)
	2	<u>Air Compressors</u> - in accordance with Whitcomb EM Sheet #9393
25236	2	Compressor Base Plates
BMS-11853-9	4	Compressor Belt Adjusting Bolts
25203	2	Compressor Supports
BMS-11853-18	2	Pair of Matched Compressor Belts
25898	2	Compressor Hose and Couplings
43824	2	Compressor Pulley and Belt Guards
24666	2	Generator Shaft Pulleys
31-A-12	2	Keys
16025-108	2	Washers
	2	Cap Screws & L.W. - 1/2"-13 N.C.x1-1/4"Lg.
		<u>Throttle Control</u> - Consisting of:
51144-A	1	Control Stand Assembly - Consisting of:
44508-A	1	Control Stand
26405	1	Throttle Control Quadrant
82978	1	Throttle Control Quadrant Bushing
BMS-11877-1	1	Throttle Control Stand Shaft
82632	1	Double Lever
16025-40	1	Washer - Double Lever
BMS-11877-4	1	Taper Pin - Double Lever
BMS-11877-5	1	Throttle Handle Idle Position Stop
BMS-11877-6	1	Chain - Idle Position Stop
BMS-11877-7	1	Taper Pin - Idle Position Stop
BMS-11877-9	1	Flexible Throttle Cable - #1 End
BMS-11877-11	1	Flexible Throttle Cable - #2 End
BMS-11877-13	20	Cable Support Clamps - with machine screws & L.W.
82751-1	2	Cable Clamps - with Cap Screws & L.W.
BMS-11877-17	2	Adjustable Yoke Ends
BMS-11877-18	2	Yoke Pin Assemblies
	2	Nuts - 3/8" - 24 N.F.
	1	Throttle Switch Operating Mechanism - consisting of:
84538	1	Throttle Switch Plungers
84539	1	Throttle Switch Plunger Guide
84540	1	Plunger Guide Cover
82712	1	Plunger Spring
82701	1	Cam Roller - with Pin
84521	1	Throttle Switch Cam - with pin, cap screw, nut & L.W.
24791	1	Throttle Handle Assembly - Consisting of:
24790	1	Throttle Handle
	1	Taper Pin - #2 x 1-1/4" Lg.
82621	1	Pawl

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U-4-4-0, Diesel Electric

Part No.	No. Req'd.	Part Description
82622	1	Pawl Guide Plate
2479 6	1	Gripper
82624	1	Pawl Spring
	1	Plain Washer - 1/4" Std.
	1	Castellated Nut - 1/4" - 20 N.C. and L.W.
	4	Machine Screws & L.W. - #10 - 24 Fill.Hd. x 5/8" Lg.
	2	Machine Screws & L.W. - #20 - 24 Fill.Hd. x 1" Lg.
	1	Cap Screws, Nuts & L.W. - 1/4" -20 N.C. x 1-3/4"Lg.
	1	Cotter Pin - 1/16" x 1/2"Lg.
44135	2	Lever Shaft Assemblies - Engine Ends - Consisting of:
25190-X	2	Lever Shaft Supports
82809	2	Lever Shafts
82808-2	2	Levers - Upper
82807-2	2	Levers - Lower
16025-99	2	Washers - Upper
16025-115	2	Washers - Lower
82751	2	Cable Clamps - with Cap Screws & L.W.
BMS-9982-16	2	Adjustable Yoke
BMS-9982-17	2	Yoke Pin Assemblies
	2	Nuts 3/8" - 24 N.F.
BMS-9983-3	4	Bell Joints - with nuts & L.W.
44135	2	Ball Joint Connecting Rods
84357	1	Brake Valve Support
84666	1	Controller Support
		<u>Fuel Tank and Piping</u>
44126-A	1	Fuel Tank - Left Side
44125	1	Fuel Tank - Right Side
BMS-10244-3	1	Protectoseal Filler
BMS-11441-3	1	Std. Brass Cock
BMS-11441-7	1	Electric Gauge Tank Unit
BMS-11441-13	1	Flexible Metal Hose
BMS-11441-16	1	Electric Fuel Gauge - (Instrument Panel)
BMS-11442-9	1	Electric Fuel Gauge - (Cab Side at Filler)
BMS-11442-10	1	Switch for Fuel Gauge
BMS-11331-2	2	Safety Shut-off Valve
26528	2	Valve Supports
82597-8	4	Valve U-Bolts - with nuts & L.W.
BMS-11331-8		Wire Sash Cord
BMS-11331-10	6	Full Rings

Fuel Piping to be in accordance with W.L.Co. Drawing #44127-A and is made up of standard Pipe, Copper tubing and fittings.

Fuel gauge wiring to be in accordance with W. L. Co. Drg. 84369.

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Electrical Equipment

The following items of equipment are furnished by the Westinghouse Electric and Mfg. Company in accordance with their specification #4071-B. For Repair Parts see - Westinghouse Electric and Mfg. Co. Parts List.

Main Wiring Diagram - Whitcomb Drawing #51247-A

- 2 Main Generators - Type #189-R-7
- 2 Traction Motors - Type #1443-A
- 1 Controller - Type TC-485-A
- 1 Reverser - Type XR-382-M
- 5 Magnetic Contactors - Type UMJ-134-A  
(M1, M2, G, G1, and G2.)
- 2 Generator Field Contactor - Type UMA-275-A with interlocks S#1154510 (P1 and P2)
- 1 Field Shunt Relay - Type UV-56-B
- 2 Generator Field Resistors - Type TM - Assembly #32 Drawing #L-12-795
- 2 Traction Motor Field Shunt Resistors - Type "M" Assembly #2 - Drawing #L-53-B-860
- 1 Battery Switch - Type #496-R
- 1 Control Circuit Breaker - Type AB - 15 Amp
- 1 Push Button Box - Type HD
- 1 Throttle Switch - Type #XC-131
- 2 Control Terminal Boards - Type #655
- 8 Motor Lead Connectors - Type "KJ"
- 100 Marking Tags - Type #970130

- 51195 1 Control Cabinet
- 26545 1 Resistor Guard - L.H.
- 26546 1 Resistor Guard - R.H.
- 84693 4 Resistor Brackets
- 230-A 4 Traction Motor Cable Cleats

Cable Specifications - as per Westinghouse Electric and Manufacturing Company Generator and Motor Cables - PDS-6439-3 551 x .0201"

Control Cables - PDS-6439-2 19 x .0147"

Starter Cables - PDS-6439-3 551 x .0201"

Starter Control Cables - PDS-6439-2 19 x .0147"

Battery Charging Cables - PDS-6439-2 19 x .0226"

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Part No.	No. Req'd.	Part Description
BMS-11896-1	1	Dome Light - (Cab)
BMS-11896-4	1	Dome Light Bulb
BMS-11896-6	1	Trouble Lamp - Complete
BMS-11896-7	1	Trouble Lamp - 32 volt, 21 C.P.
BMS-11896-8	1	Ediswan Trouble Lamp Socket
BMS-11896-13	2	Headlights
BMS-11896-15	2	Headlight Bulbs - 32 volt, 100 Watt
BMS-11896-10	2	Headlight Dimmer Resistors
BMS-11896-17	1	Fuse Block
BMS-11896-18	1	Fuse - 20 Amp
BMS-13554	4	Storage Batteries - "EXide"
44769	1	Battery Box

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Part No.	No. Req'd.	Part Description
<u>AIR BRAKE EQUIPMENT AND HAND BRAKE</u>		
<u>Air Brake Equipment</u>		
The following items of equipment are furnished by the Westinghouse Air Brake Company for the Straight Air Brake Equipment of this loco- motive. These pieces of equipment carry the Westinghouse Air Brake Company piece numbers.		
Pc. 87915	4	Brake Cylinders - (Drilled in accordance with Whitcomb Drawing #15777-3)
	1	Main Air Reservoir - 22-1/2" Dia.x72"Lg.
Pc. 92515	1	Brake Valve - Type SA-2
Pc. 91427	1	Brake Valve Handle
Pc. 69549	1	Duplex Air Gauge - (Main Reservoir and Brake Cylinder)
Pc. 24106	1	Safety Valve - (Type E-1)
Pc. 500291	1	Cut-out Cock - 3/8" Size
Pc. 99080	1	Drain Cock - 1/2" Size
Pc. 46673	2	Truck Hose Connections
Pc. 15213	2	Cut-out Cocks - 1/2" Size
Pc. 97290	2	Cut-out Cocks - 1-1/4" Size
The following Parts carry Whitcomb Part Numbers		
18620-1	6	Pipe Clamps - 1-1/4" Pipe Size
18621-1	6	Pipe Clamps - 1/2" Pipe Size
BMS-7009-5	10	One Hole Tubing Clamps - 1/4" Tubing Size
83493	2	Air Tank Spacers
82068-18	2	Air Tank Straps
Air Brake Piping is in accordance with Whitcomb Piping Diagram #50878-A and is made up of Standard Pipe, Copper Tubing Pipe and Tubing Fittings.		
<u>Hand Brake</u>		
Hand Brake Arrangement - Whitcomb Drg. 44798		
BMS-13506-2	1	Hand Brake - Ajax
83424	1	Lever Rocker Shaft
84323	1	Brake Rocker Lever - Brake Cylinder Equalizer Beam Chain
83423-A	1	Brake Rocker Lever - Hand Brake Chain
	2	Taper Pins - #10- 4" Long
25434-5	1	Brake Cylinder Equalizer Beam Chain
43688-126	1	Equalizer Beam Clevis Pin
24496-52	1	Brake Rocker Lever Clevis Pin

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FARTS LIST

0-4-4-0, Diesel Electric

Part No.	No. Req'd.	Part Description
<u>INSTRUMENT PANEL AND GAUGES</u>		
44499-A	1	Instrument Panel Assembly - Composed of:
51132-A	1	Instrument Panel
84496	1	Instrument Panel Light Support
44500	1	Instrument Panel Support
BMS-11592-1	2	Ammeters - Reading 60-0-60 amp.
BMS-11592-3	2	Oil Pressure Gauges - Reading 0-75#
BMS-11592-5A	1	Engine Temperature Gauge - No.1 Engine - 12 Ft. Tubing
BMS-11592-5B	1	Engine Temperature Gauge - No.2 Engine - 18 Ft. Tubing
BMS-11592-9	2	Instrument Panel Lights
BMS-11592-11	2	Instrument Panel Light Bulbs
BMS-11592-13	6	Light Switches
BMS-11592-15	2	Light Switch Covers & Straps

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## PARTS LIST

0-4-4-0, Diesel Electric

Part No.	No. Req'd.	Part Description
<u>CAB, CAB FITTINGS AND HOODS</u>		
		Cab - Consisting of:
60406-B	1	Cab
43806-9	4	Front and Rear Cab Windows - (Over Hoods)
25523-6	8	Upper and Lower Window Retainer Strips (For Windows 43806-9)
25523-7	8	Side Window Retainer Strip - (For Window 43806-9)
43806-8	2	Front and Rear Windows - Large
25523-2	4	Upper and Lower Window Retainer Strips (For Windows 43806-8)
44026	2	Cab Side Sliding Windows - Left Side Front and Right Side Rear
44027	2	Cab Side Sliding Windows - Right Side Front and Left Side Rear
26385	2	Cab Doors
43806-18	2	Cab Door Windows
25523-16	4	Side Window Retainer Strips - (For Window 43806-16)
25523-9	4	Upper and Lower Window Retainer Strips - (For Windows 43806-16)
	1	Cab Floor - in accordance with Whitcomb Drg. 44039
<u>Cab Fittings</u>		
25773	1	Seat Assembly - Composed of:
25771-1	1	Seat Cushion
25771-2	1	Back Rest
83734	2	Back Rest Supports
83733	1	Adjusting Pin
83732	1	Seat Stand
25772	1	Seat Base
82629	1	Arm Rest
BMS-13256-1	1	Window Wiper - Cab Front Window
BMS-13256-3	1	Window Wiper - Cab Door Window
BMS-13256-6	2	Wiper Flexible Hose Connections
BMS-13256-9	2	Globe Valves - 1/8" I.P.T. Size Window Wiper Piping is made up of standard Copper Tubing and Fittings
BMS-13987-2	2	Cab Heaters
BMS-13987-7	10-1/2	Ft. Heater Hose
BMS-13987-9	8	Hose Clamps
BMS-14506-5	2	Shut-off Valves - Copper to Copper
<u>Hoods</u>		
44018-F	1	Hood Top Plate - No. End.

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## PARTS LIST

0-4-4-0, Diesel Electric

Part No.	No. Req'd.	Part Description
44018-G	1	Hood Top Plate - No.2 End
24899	2	Hood Side Doors - Left Side #1 end and Right Side #2 End
24899-A	1	Hood Side Doors - Right Side #1 End
25754	1	Hood Side Doors - Left Side #2 End
82780	4	Hood Side Door Supports



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## PARTS LIST

O-4-4-0, Diesel Electric

Part No.	No. Req'd.	Part Description
<u>SANDERS</u>		
	1	Sander Valve - Graham - White - Type R
	4	Sander Traps - Graham - White - Type KA
BMS-9916-7	4	Sand Trap Outlet Pipes
BMS-9916-8	4	Sander Hose
BMS-9916-9	4	Sand Pipes - (at rail)
82068-20	8	Sand Pipe - U-Bolts - with Nuts & L.W.
BMS-9916-12	8	Hose Clamps - (Sander Hose)
82907	1	Sander Valve Bracket
		Sander Piping is made up of Standard Pipe, Copper Tubing, Pipe and Tubing Fittings
24822-A	4	Sand Box Covers

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PARTS LIST

0-4-4-0, Diesel Electric

Part No.	No. Req'd.	Part Description
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WARNING SIGNALS

Locomotive Bell

BMS-7985-1	1	Locomotive Bell - Complete with Pneumatic Bell Ringer
BMS-7985-11	1	Globe Valve - 1/4" I.P.T.
15639	1	Valve Bracket

Pneumatic Bell Ringer Piping is to be made up of Standard Copper Tubing and Tubing Fittings.

Pneuphonic Horn

The following 3 items of equipment are furnished by the Westinghouse Air Brake Company and carry their numbers - (For repair parts - see Westinghouse Air Brake Company Repair Parts List).

Pc. 90149	1	Pneuphonic Horn - Model "AC-1" Complete with Air Strainer #79452
Pc. 90391	1	Whistle Valve - 3/8" Size
Pc. 22459	1	Cut-out Cock - 3/8" Size
BMS-11893-9	1	Whistle Cord Pulley
BMS-11893-7	10	Ft. Whistle Cord
81036-1	1	Whistle Cord Bushing

Pneuphonic Air Horn Piping is made up of Standard Pipe and Fittings.

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PARTS LIST

0-4-4-0, Diesel Electric

Part No.	No. Req'd.	Part Description
<u>MISCELLANEOUS EQUIPMENT</u>		
BMS-12187-1	1	Fire Extinguisher - Fyrene C-31-T - complete with mounting bracket
80643	1	Whitcomb Name Plate
82463	2	Engine Serial Number Plates
26808-2	1	Caution Plate
317-A	1	Lubrication Instruction Plate
BMS-14233-8	1	Inspection Card Holder
25470-1	1	Instruction Book Holder
BMS-13911-1	1	Tool Box
BMS-13911-2	1	Tool Box Padlock
BMS-13911-4	1	Engine Tool Kit - supplies by engine builder
BMS-13911-5	1	Tool Kit - Herbrand
BMS-13912-1	1	Oil Can - 3/4" Pt. Size
BMS-13912-2	1	Oil Can - 1 Qt. Size
BMS-13912-3	1	Funnel - 1/2 Gal. Size
BMS-13912-5	1	Grease Gun
BMS-13912-7	1	Grease Gun Hose - for button head fittings
BMS-13912-9	1	Hydrometer