

APPROVED LIST 239: WAGON RELATED COMPONENTS

Category	Component
1. Roller Bearings	APC Package Unit
	APD Package Unit
	APE Package Unit
	APF Package Unit
	Bearing AP Package class GG
2. Bogies	Adaptor Sub frame (Fabricated)
	Bag Knitted
	Bearing Adaptor
	Bearing adaptor wedge
	Bearing Stop
	Bolster
	Bolster Wedge
	Cross Anchor
	Cross anchor pin assembly (166mm)
	Cross anchor pin assembly (180mm)
	Cross anchor pin assembly (190mm)
	Cross anchor pin assembly (210mm)
	Cup Plastic Liner
	Dust shield rubber 10 x 5
	Dust shield rubber 11 x 5 1/2
	Flat Plastic Liner
	Side Frame
	Side Friction, pad
	Spoorbarber & 20 Ton/Axle HS Bogie Bolsters
	Spring, Inner
	Spring, Outer
	Spring, Stabliser
	Subframe Adaptor Spring
	Top Centre Anti Slew Bracket
	Top Centre Casting
	Top Side Friction
	Top Side Friction Assembly
3. Brake System (Air & Vacuum)	15" Vacuum Cylinder
	18" Vacuum Cylinder
	21" Vacuum Cylinder
	AAR Approved Slack Adjuster

Assembly ID 35 mm x 730 m long
Body
Brake Block Cotter
Brake Block, Low Friction
Brake shoe
Brake shoe, for low friction brake block
Brake, release unit
Buffalo Connector
Bush Nylon Vacuum Piston Guide
Centre Piece, brake beam with 26mm dia hole
Centre Piece, brake beam with 33mm dia hole
Centre Piece, brake beam with 33mm dia hole
Chamber, Vacuum
Complete ABDX with Pipe Bracket
Cylinder 10" x 12" ABU
Cylinder 7" x 12" UA
Diaphragms, release valve
Dirt Collector and Cut out cock (Valve Ball)
Disc Valve
Dummy Coupling. Air Hose; (Type F-2 with Chain)
ECP Hose Assembly
Elbow flange
Ferrule
FP-5 Coupling
Gasket
Gasket (FP-5 Hose coupling)
Gasket 1", moulded, for weld on flange pipe connections
Gasket 1-1/4", moulded, for weld on flange pipe connections
Gasket 3/4", moulded, for weld on flange pipe connections
Gasket 3/8", moulded, for weld on flange pipe connections
Gasket Emergency Pipe Bracket
Gasket, Piston cap packing, old type vacuum cylinder
Gasket, Piston rod packing box (Gland box) gasket
Gasket, Rubber, Release valve flange gasket
Handbrake quick release unit
Hand wheel, brake, large, deep dish (pressing)
Hand wheel, brake, large, shallow dish (casting) NTBR
Head, Brake Cylinder (10" x 12" ABU)
Hose 15 mm
Hose 20 mm
Hose 40 mm
Hose 50 mm
Hose 65 mm
Hose 75 mm
Hose Assembly ID 22 mm x 1700 long
Hose Assembly, ID 35 mm x 1370 long
Hose Assembly, ID 35 mm x 150 long

Hose Assembly, ID 35 mm x 1560 long
Hose Assembly, ID 35 mm x 560 long
Hose Assembly, ID 35 mm x 620 long
Hose Assembly, ID 35 mm x 700 long
Hose Assembly, ID 35 mm x 750 long
Housing, Emergency; Valve Complete (Emergency Portion, ABDW Valve)
HP3 Coupling
Joint Ring 15"
Joint Ring 18"
Joint Ring 21"
Joint Ring 24"
Kit rubber cylinder assembly, ABD & ABDW Service Portion
Light Refurbished Peacock 2000 Slack Adjuster
Liner, beam guide
Load Sencing Device
Nipple flanged
Nipple flanged, left hand
Nipple straight
Parts Kit; Rubber (Emergency Valve Portion; ABD Valve)
Parts Kit; Rubber (Emergency Portion; ABDW Valve)
Pipe Bracket (ABDW - Wabtec)
Piston and Rod Assembly
Piston Gland ring
Piston Rod
Reservoir, Combined emergency & auxiliary (With Bracket)
Reservoir (AB10)
Retainer, Piston Return Spring Cage (ABD & ABDW valve)
Ring Spacer
Roller Plastic Brake Pull Rod Support
Rolling Ring 15"
Rolling Ring 18", thick, colour blue
Rolling Ring 21", thick, colour blue
Rolling Ring 21", thin, colour brown
Rolling Ring 24", colour blue
Rolling Ring, 18" thin, colour brown
Seal: Compression Spring (ABU Brake Cylinder)
Spring, Helical Compression, Release valve piston, ABD & ABDW valve
Swan Neck 65 mm
Tank Pressure, Combined emergency & auxiliary (Without Bracket)
Valve Assembly (Release Valve Portion; ABD and ABDW Valve)
Valve Assembly (Service Portion; ABD & ABDW valves)
Valve Assembly bracket
Valve Emergency (ABDX)
Valve Service (ABDX)
Valve, Ball (32 mm Double Flanged Cock Right Hand)
Valve, Ball left hand double flanged

Valve, Check (ABDW Valve)
Valve, Diaphragm; Stop (ABDW Exhaust Port)
Washer, Vacuum

4, Couplers & Drawgears	Avon-Llyod Drawgears
	Block, front follower non-rotary (Y46AE)
	Block, front follower rotary (50632)(207) E,S & MS Type couplers
	Block, Front follower rotary (Y44AE)(205), E and S Type Couplers
	Block, wear, Coupler
	Body F-type non-rotary
	Body F-type rotary
	Connector, Rotary 38080 (205)
	Connector, Rotary 38080-2 (205)
	Connector, Rotary 50631-2 (207)
	Cotter, Yoke Key
	Coupler F-type non-rotary
	Coupler M-type
	Coupler S-type
	Coupler Wearing Block
	Coupler, E-type, bottom operated
	Coupler, F-type rotary
	Drawbar without alignment wings
	Drawbar, non rotary
	Drawbar, rotary
	Drawgear Keystone K250
	Drawgear SL76
	Drawgear Westinghouse Mk50
	E-Type Coupler AAR type double shelf
	E-Type Coupler AAR type E68BE
	Front Stop
	Keystone Gas Return Center Sill Unit
	Knuckle E-Type
	Knuckle F-Type
	Knuckle S & M type
	Lever E-type
	Lever F-type Non-Rotary
	Lifter
	Lifter assembly
	Lifter, S & M
	Lock F-type
	Lock, Gravity S & M
	Pin support assembly 38080-4 (205)
	Pin support assembly 50631-6 (207)
	Pin, non rotary pivot
	Pin, rotary pivot (205)
	Pin, rotary pivot (207)
Sliding Centre Sill Buff Unit	

Striker Casting (50633)
Yoke Non-Rotary F-type
Yoke Rotary F-type
Yoke, E-type

5. Foundry	100 % Pure tin paint
	60 % Tin paint
	Aluminum deox pallets 94 %
	B/Shoe core flat CS270B310/17
	B/Shoe core flat CS270B310/18
	B/Shoe core tower CS270B310/17
	B/Shoe core tower CS270B310/18
	Bentonite technical in 40 kg
	Brick refractory Nozzle 38mm
	Brick sleeve stopper rod
	Calseum siliside fine 2 - 7 mm
	Capping material (plastic A 76)
	Catalyst fenotec H30 (Bulk 1150 kg)
	Charcoal wood general
	Chemical processed sand dumping
	Coil grout 363 a
	Core FIX 9
	Couple thermo (non splash) 100 / box
	Crucible AX 120
	Crucible stand for AX 120
	Crucible stand for TPX 178
	Crucible TPX 178
	Crucible TPH-M970R
	Cup stone 150 / 120 X 50 X 22.23
	Ferro Manganese
	Ferro silicon 75 (30mm - 80 mm)
	Fibrous core 7/10
	Fibrous core 8/11
	Flucast 212
	Former for 400 KW induction furnace
	Grain abrasive shot GH80
	Grain abrasive shot dia 1,6 mm (S660)
	High Alumina LC 1800
	Hot topping (power for riser)
	Insert core for brn.
	ITEM:068003558 3.25 X 6.5 machine to drg.
	KLMX 5/8 B Cored Insert
	KLMX 7/10 B Insert (Sleeve)
	KLMX 8/11 B insert (Sleeve)
	KLMX BSA 125 MM (sleeves)
	KLMX BSA 75 mm (sleeves)
	Ladle cover (tundish cover)

Lining kit for 400 kw induction furnace
Machine SG Iron Bearing Shell to Drawing
Nozzle brick mortar (Hilofax)
Pace oil
Paint isomol 185
Patching material (plaster A 93)
Pattern Maintenance
Re cast ladle large
Re-cast ladle floor
Re-cast ladle small
Resin fenotec 800 (Bulk 1250 kg)
Sample spoon NB10
Sample spoon wight (procor)
Sand chrome
Sand silica grade A
Sand silica grade C
Slagbond (slagulant)
Slagging spoon NB32/4
Solvent 3 (spirits basis)
Starch binder compound
Stopper carbon
Strip cote 21
TP 843 Crucible SA&SML Morgan 613x359
Verocast 1500
Wheel abrasive 600x80x203.2
Wheel abrasive dia 40 x 80 long
Zirconet large 7 - 20 mm

6. Grease, Valve	Grease, Audco 13 mm dia
	Grease, Audco 16 mm dia

7. Paint	Emulsion, Semi-Gloss - Dust Grey RAL 7037
	Emulsion, Semi-Gloss - Graphite Grey RAL 7024
	Emulsion, Semi-Gloss - Graphite Grey RAL 7035
	Emulsion, Semi-Gloss - Traffic White RAL 9016
	Etch Primer For 3CR12 Steel
	Filler, Dent, Metal Surface, Water Based Epoxy.
	Heavy Duty Coating - Graphite Grey RAL 7024
	Heavy Duty Coating - White
	Heavy Duty Coating - Black
	Heavy Duty Coating - Red Oxide
	Primer Coating, Emulsion, High Build, Rust Inhibitive - Buff
	Primer Coating, Emulsion, High Build, Rust Inhibitive - Red Oxide
	Rust Converter
	Shop & Travel Primer
	Solvent Based Primer - Red Oxide
	Two Pack Polyurethane, Water Based System - Coach Purple RAL

320 30 35
Two Pack Polyurethane, Water Based System - Coach Turquoise RAL 200 50 45
Two Pack Polyurethane, Water Based System - Coach Yellow RAL 075 70 60
Two Pack Polyurethane, Water Based System - Golden Yellow B49
Two Pack Polyurethane, Water Based System - Graphite Grey RAL 7024
Two Pack Polyurethane, Water Based System - Light Grey RAL 7035
Two Pack Polyurethane, Water Based System - Traffic White RAL 9016
Two Pack Polyurethane, Water Based System - Transnet Green NCS S 4040-G70Y
Two Pack Polyurethane, Water Based System - Transnet Red NCS S 1085-Y90R
Two Pack Polyurethane, Water Based System - Transnet Yellow NCS S 1070-Y20R
Two Pack Polyurethane, Water Based System - Light Grey RAL 7035

8. Valves	Ball Valve
	Body
	Cover
	Handle, valve
	Lever
	Nut
	Pin
	Spindle
	Valve Ball 100 mm
	Valve Ball 25 mm
	Valve Ball 50 mm
	Valve Ball 80 mm
	Valve Butterfly
	Valve complete
	Valve Plug 200mm
	Valve Plug Relief
	Valve Safety (C-2)
	Valve Safety Relief
	Valve, Ball
	Valve, Butterfly
Valve, Check	
Valve, Safety relief	

9. VIS	Vehicle Identification System (VIS-Tags)
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10. General Wagons Components	Bolt, Fillister
	Bracket Mounting

	Collar
	Door, Inner FZ, Left hand
	Door, Inner FZ, Right hand
	Locking mechanism, Wagon FCJ-2
	Locking mechanism, Wagon FFJ-1
	Locking mechanism, Wagon FSLJ-2,3,4
	Pin, Straight Headed
	Pin, Straight Headless
	Twist Lock

11. Welding Wire 309L	Welding Electrode 3.25mm 309L
	Welding Wire 0.8 mm
	Welding Wire 0.9 mm
	Welding Wire 1.0 mm
	Welding Wire 1.2 mm
	Welding Wire Bulk Spool 1.0 mm (150 kg)
	Welding Wire Bulk Spool 1.2 mm (150 kg)

12. Wheel & Axles	Wheel Railway Cast Steel 36"(915mm)
	Wheel Railway Cast Steel 34"(863mm)
	Wrought Steel 34"(863mm)
	Wrought Steel 36"(915mm)