

TRANSNET RAIL ENGINEERING
Locomotive Approved List
Diesel Locomotives

Groups and Categories

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<i>Group</i>	<i>Group Description</i>	<i>Category Description</i>
<i>100</i>	<i>BOGIE EQUIPMENT</i>	101 Bogie frame 102 Brake rigging bogie 103 Bogie ancillary equipment 104 Wheels 105 Axle 106 Interbogie control 107 Strap for air duct 108 Bolster centre & equipment 109 Snubbers 110 Cylinder brake 111 Axle alternator 112 Air duct 113 Wear plates 114 Liners 115 Bushes metal 116 Bushes rubber 117 Sandwich 118 Brake blocks (Empty not used) 119 Pedestal liner kit 120 Pedestal tie bar 121 IBC canister
<i>200</i>	<i>BODY/UNDERFRAME</i>	122 Centre wear plate - 91class 201 Coupler and draw gear 202 Steps 203 Pilots 204 Hand rails 205 Platform extension 206 MU box 207 Sand pipe & bracket 208 Cabs and doors 209 Seals/weather strip/tape 210 Radiator shutters & components 211 Sand pipe fittings 212 Door latch & lock 213 Screen metal grill 214 Sand trap/valve 215 Pull ring fuel trip
<i>300</i>	<i>CAB EQUIPMENT</i>	301 Window glass 302 Window frames 303 Driver seat complete & operating 304 Seat back rest, bottom and arm rest 305 Sun visor 306 Hand brake

Group Group Description

300 CAB EQUIPMENT

Category Description

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- 307 Door lock assembly
- 308 Window wiper & equipment
- 309 Hooter & equipment
- 310 Headlight accessories
- 311 Heater cover
- 312 Link chain hand brake
- 313 Ancillary equipment
- 401 Dirt exhauster
- 402 Pressurizing fan
- 403 Brake resistor blower
- 404 Equipment/engine blower unit
- 405 Pillow block
- 406 Air discharge motor
- 501 Lubrication oil
- 502 Fuel oil
- 503 Air
- 504 Air filter kit
- 505 Caterpillar oil filter
- 506 Oil bath filter
- 507 Brake system filters
- 508 Turbocharger oil filter
- 509 Vortex filter
- 510 Compressor oil filter
- 511 Caterpillar air filter
- 512 Fuel mesh filter
- 513 Air reservoir filter
- 514 Air filter GM compressor
- 515 GE fuel cotton on steel core
- 516 Air filter, 91-class
- 517 Kit oil filter compressor
- 601 Magnet valve
- 602 In & outlet valves
- 603 Oil filler and cap
- 604 Gaskets & packings & O-rings
- 605 Ancillary equipment
- 606 Vacuum valve
- 607 Rings
- 608 Safety valve
- 609 Drain valve
- 610 Connecting rod for piston
- 611 Cylinder block and head
- 612 Exhaust pipe
- 613 Reservoir
- 614 Piston
- 615 Manifold
- 616 Oil pump & kit
- 617 Chain oil pump
- 618 Crankcase

400 VENTILATION & FILTRATION

500 FILTERS

600 COMPRESSOR & EXHAUSTER

FOR INFORMATION ONLY

Group **Group Description**
600 COMPRESSOR & EXHAUSTER

Category Description **Page 3 of 9**

700 BRAKE SYSTEM EQUIPMENT

800 ENGINE EQUIPMENT

619 Bush connecting rod
620 Drive shaft
621 Piston bushing
622 Spring exhaust valve
623 Kit oil pump conversion
624 Crankcase oil seal
701 Valve body
702 O-rings
703 Gaskets
704 Diaphragms & check valves
705 Overhaul kits
706 Air reservoir
707 Ancillary equipment
708 Cut out cock
709 Brake handle
710 Shaft
801 Frame & oil pan
802 Power pack & jacket assembly
803 Crank shaft
804 Camshaft
805 Piston
806 Connecting rod
807 Rings piston
808 Fuel control linkage
809 Valves
810 Exhaust system
811 Camshaft follower/roller
812 Valve, fuel cut off
813 Oil pump
814 Water pump
815 Water pump kit
816 Articulated rod pin
817 Bushing
818 Pushrods, Rockers, Crossheads
819 Gaskets engine
820 Clamping ring
821 Valve guides
822 Umbrella
823 Ancillary equipment
824 Water header & pipes
825 Fuel line
826 Crankcase switch & valve shut down
827 Decompression valve adaptor, cylinder
828 Coupling engine to compressor
829 Exhaust bellow
830 Oil pump kit
831 Engine overhaul gasket kit
832 Oil line

FOR INFORMATION ONLY

Group **Group Description**
800 ENGINE EQUIPMENT

Category Description **Page 4 of 9**

- 833 Seal dresser coupling
- 834 Connecting rod
- 835 Exhaust chamber
- 836 Lube oil separator
- 837 Camshaft bearing bracket
- 838 Cylinder head ring seat
- 839 Stem, safety shut down valve
- 840 Water pressure detector kit
- 841 Fuel drain & relief valve
- 842 Elbow water return, cylinder head
- 843 Tappet covers & handle
- 844 Air inlet manifold
- 845 Plate, thrust blower drive
- 846 HP fuel pipe
- 847 Piston pin
- 848 Bearing hub
- 849 Seal grease flexible coupling
- 850 Valve soak back filter
- 851 Dressers for oil & water - GE Locomotives
- 852 Retainer for cylinder head cover & support
- 853 Valve body oil strainer
- 854 Engine shut down booster pump
- 855 Aftercooler assembly turbocharger
- 856 Cover engine cylinder head
- 857 Engine oil pan drain valve
- 858 Damper assembly, viscous
- 901 Ball & roller bearings
- 902 Thin wall bearings engine
- 903 Thick wall bearings suspension for GE Locomotive
- 904 Thin wall bearings compressor exhauster
- 905 Turbo bearings exclude ball and roller
- 906 Thin wall engine blower
- 907 Thrust washer
- 908 Ball & roller bearings
- 909 Ball & roller bearings
- 910 Ball & roller bearings
- 911 Ball & roller bearings
- 912 Ball & roller bearings
- 913 Ball & roller bearings
- 914 Ball & roller bearings
- 915 Ball & roller bearings
- 916 Ball & roller bearings
- 917 Ball & roller bearings
- 918 Ball & roller bearings
- 919 Ball & roller bearings
- 920 Ball & roller bearings
- 921 Ball & roller bearings
- 922 Ball & roller bearings

900 BEARINGS

FOR INFORMATION ONLY

Group **Group Description**
900 BEARINGS

Category Description

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923 Ball & roller bearings
924 Ball & roller bearings
925 Ball & roller bearings
926 Ball & roller bearings
927 Ball & roller bearings
928 Ball & roller bearings
929 Ball & roller bearings
930 Ball & roller bearings
931 Ball & roller bearings
932 Ball & roller bearings
933 Ball & roller bearings
934 Ball & roller bearings
935 Ball & roller bearings
936 Thick wall bearings suspension
937 Ball & roller bearings
938 Ball & roller bearings 91-CLASS
939 Roller needle bearing

1000 GAUGES

1001 Air/vacuum
1002 Pressure
1003 Ancillary equipment
1004 Level gauges
1005 Speedometer
1006 Electronic temperature gauge
1007 Temperature gauge

1100 COOLING SYSTEM EQUIPMENT

1101 Radiators
1102 Oil coolers
1103 Intercoolers
1104 Clutch gear & fan - import
1105 Radiator filler cap & gasket
1106 Radiator vent hose
1107 Field coil
1108 Flexible connector
1109 Clutch gear & fan
1110 Float water level
1111 Cab heater core
1112 Radiator center tank
1113 Radiator gasket
1114 Shroud cooling fan
1115 Intercooler core for GE Locomotive
1116 Radiator header tank for GM Locomotive

1200 TURBOCHARGER EQUIPMENT

1201 All imported components GM Locomotives
1202 All local manufactured components
1203 All imported components GE Locomotives

1300 TRACTION MOTOR

1301 Wick assembly
1302 Crater box felt seal
1303 Dust guard
1304 Crater boxes
1305 Cable block

Group **Group Description**
1300 TRACTION MOTOR

Category Description **Page 6 of 9**

- 1306 Field coils
- 1307 Cap, assembly, grease filler
- 1308 Lead, connector assembly
- 1309 Commutator assembly
- 1310 Cap oil filler
- 1311 Cap bearing com end
- 1312 Rubber boot cable cover & grommets
- 1313 Inspection cover
- 1314 Dust guard between axle caps
- 1315 Armature rewind kit
- 1316 Wear plate axle journal bearing
- 1317 Cap support bearing
- 1318 Collar t/m shaft
- 1319 Clamp dust guard
- 1320 Ancillary equipment
- 1321 Crater box Deflector
- 1322 Strap flexible connection
- 1323 Motor nose support with wear plates
- 1324 Wear plate t/m suspension
- 1325 Axle cap plate
- 1326 Spacer sleeve axle cap
- 1327 Motor nose rubber pack
- 1328 Collar bearing
- 1401 Mechanical pump
- 1402 Pump ancillary equipment
- 1403 Injectors
- 1404 Injector ancillary equipment
- 1405 Test stand
- 1406 Timing window cover
- 1407 Rubber strip f/p motor
- 1408 Spring plate fuel pump
- 1409 Pump gasket
- 1410 Tips – Class 33 Locomotives
- 1411 Washer flat injector
- 1501 Battery & charging system
- 1502 Bells & sirens
- 1503 Circuit breakers
- 1504 Switches
- 1505 Contacts & tips
- 1506 Capacitors & resistors & diodes & transistor
- 1507 Heater and ancillary equipment
- 1508 Grommet, voltage regulator
- 1509 Slow speed control
- 1510 Grids
- 1511 Electronic cards
- 1512 Relay
- 1513 Receptacle
- 1514 Fuses

1400 FUEL SYSTEM

1500 ELECTRICAL AUXILIARY

FOR INFORMATION ONLY

Group **Group Description**
1500 ELECTRICAL AUXILIARY

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1515 Ammeter load
1516 Rheostat
1517 Arc chute
1518 Connector box
1519 Control stand & equipment
1520 Light bulb
1521 Lamp socket
1522 Plug
1523 Sensor, temperature
1524 Potentiometer
1525 Rectifier assembly
1526 Speed sensor
1527 Cable tie
1528 Light lens
1529 Lug small
1530 Terminals/lugs thick cable
1531 Light complete
1532 Commutator surface stone
1533 Terminal board
1534 Magnetic power contact
1535 Electrical coil
1536 Hotplate
1537 Contactor starting
1538 Thermistor
1539 Brush assembly moveable contact "W"
1540 Plunger magnet valve
1541 Module panel
1542 Auxiliary Interlock
1543 Comparator magsense
1544 Ancillary equipment
1545 Voltage regulator
1546 Load regulator & components
1601 BKT Void
1602 Ancillary equipment
1603 Reverser
1604 Reverser ancillary equipment
1701 O-rings
1801 All excluding brake valve gasket & packings
1901 Bolt, stud, nut, screw, washer
1902 Insert, thread
1903 Grease nipple
1904 Bolt, crab, cylinder for GM Locomotives
1905 New individual after migration bolts, nuts,
2001 Power cables
2002 Normal wires
2003 Lugs & fittings
2004 Slim cable
2005 MU jumper cable

1600 AUXILIARY CONTROL & CAB

1700 O-RINGS (exclude brake valve)

1800 GASKETS & PACKINGS

1900 BOLTS, STUDS, NUTS, SCREWS

2000 ELECTRICAL CABLES, WIRES &

2000 ELECTRICAL CABLES, WIRES &

- 2006 Cable covers
- 2007 Lock wire
- 2008 Clamp

2100 RUBBER HOSES & FITTINGS

- 2101 Lube & fuel oil hoses
- 2102 Vacuum hoses
- 2103 Fittings
- 2104 Clamps
- 2105 Dummy couplings
- 2106 Window wiper
- 2107 MU hose (F,L,E)
- 2108 Water hoses
- 2109 Sander hose

2200 METAL PIPES & FITTINGS

- 2201 Pipes
- 2202 Fittings
- 2203 Clamps

2300 V-BELTS

- 2301 V-belts

2400 CARBON BRUSHES

- 2401 Carbon brush clutch gear unit
- 2402 Traction motor for GE Locomotives
- 2403 Traction motors for GM Locomotives
- 2404 Fuel booster pump
- 2405 Aux gen and exciter for GE Locomotives
- 2406 Cab heater motor
- 2407 Grid blower motor
- 2408 Alternator for GM Locomotives
- 2409 Aux. gen. for GM Locomotives
- 2410 Alternator/generator for GE Locomotives
- 2411 Oil pump motor for GM Locomotives
- 2412 Starter motor
- 2413 Rheostat controller for GM Locomotives

2500 BRUSH BOXES

- 2501 Brush boxes
- 2502 Ancillary equipment

2600 PANTOGRAPH & EQUIPMENT

- 2601 Local manufactured (Empty not used)
- 2602 Imported (Empty not used)

2700 GOVERNORS

- 2701 Over speed for GM Locomotives
- 2702 Regulating

2800 GEARS

- 2703 Seal oil shaft
- 2801 Pinions
- 2802 Train gears
- 2803 Other gears
- 2804 Gear, Set, Bevel, Matched (77/059398)
- 2805 Gear Unit, Cooling Fan Clutch (77/043381)

2900 SEALS

- 2901 Rubber
- 2902 Other material

3000 COUPLINGS

- 3001 Sandwich mounting between compressor
- 3002 Flywheel mounting compressor
- 3003 Blower drive
- 3004 Spider fuel pump motor
- 3005 Pillow block

FOR INFORMATION ONLY

<i>3000 COUPLINGS</i>	3006 Engine to alternator coupling 3007 Lord coupling 3008 Morflex coupling 3009 Coupling between compressor and gear
unit	
<i>3100 OPEN TENDER</i>	0 Items not on Approved List 3101 OPEN TENDER
<i>3200 GENERATOR & ALTERNATOR</i>	3201 Components 3202 Felt seal 3203 Flexible connection terminal 3204 Oil thrower outer bearing 3205 Band kit commutator 3206 Armature assembly
<i>3300 AUX GEN & EXCITER</i>	3301 Components
<i>3400 FUEL PUMP MOTOR</i>	3401 Motor & Ancillary equipment 3402 Bearing liner strip 3403 Armature for GM Locomotives 3404 Field coil
<i>3500 SPRINGS</i>	3501 Small springs 3502 Large springs (bogie)
<i>3600 STARTER MOTOR</i>	3601 Components
<i>3700 GLASS</i>	3701 Other than window glass
<i>3800 DIAPHRAGM</i>	3801 Other than brake valves
<i>3900 AIR DUCT</i>	3901 Engine air filter 3902 Blower to main gen 3903 Oil filter bath duct 3904 Clamp for air duct 3905 Compressor air duct
<i>4000 SEALER & INSULATION TAPE</i>	4001 Surface sealer 4002 Insulation tape 4003 Cable joint compound 4004 Window nylon weave 4005 High temperature compound 4006 Adhesive/Glue
<i>4100 38-CLASS</i>	4101 Electrical components 4102 Engine components 4103 Ancillary equipment
<i>4200 WHEEL ABRASIVE VALVE SEAT</i>	4201 Wheel Abrasive Valve Seat
<i>4300 LOCOMOTIVE TOOLS</i>	4301 Oil comparator
<i>4400 LUBRICANTS</i>	4401 Lubricants