

MERITOR REMANUFACTURED CALIPER PRODUCT UPDATE



At Meritor we work hard to ensure that we are constantly improving our remanufactured product range. This note is intended to inform you of our latest changes and improvements:



Range Additions

We are pleased to announce the introduction of remanufactured versions of the following calipers:

SALES PART NUMBER	APPLICATIONS	CROSS REFERENCES
MXCE9103153	MAN TG-A (22.5" wheels) MAN TG-M (22.5" wheels) MAN TG-S (22.5" wheels) MAN TG-X (22.5" wheels) MAN 18.220 Mk 3 Optare Tempo (with MAN axles)	Knorr – K000993, K001077, K002571, K003812, K003830, K004549, K010153, K014987, K014991, K014997, SN7086, SN7104, SN7217, SN7217RC, SN7240. MAN – 81508046375, 81508046413, 81508046441, 81508046473, 81508046497, 81508046499, 81508046501, 81508046507.
MXCE9103154	MAN TG-A (22.5" wheels) MAN TG-M (22.5" wheels) MAN TG-S (22.5" wheels) MAN TG-X (22.5" wheels) MAN 18.220 Mk 3 Optare Tempo (with MAN axles)	Knorr – K000994, K001078, K001317, K002572, K003811, K003831, K004550, K005038, K010154, K014988, K014990, K014992, K014998, K015010, SN7096, SN7137, SN7114, SN7207, SN7207RC, SN7250. MAN – 81508046376, 81508046414, 81508046440, 81508046474, 81508046498, 81508046500, 81508046502, 81508046508.



REMANUFACTURED CALIPER PRODUCT UPDATE

Please note that following the introduction of the above parts, caliper references MXCE9103023 & MXCE9103024 should not be used on MAN applications. The updated cross references and applications for MXCE9103023 & 024 are as follows:

SALES PART NUMBER	APPLICATIONS	CROSS REFERENCES
MXCE9103023	Neoplan Skyliner Scania 4 Series Bus Scania 4 Series Truck Scania K114 Scania K124 Scania K94 Scania L94 Scania N94 Scania Omnicity	Hyundai - 58200-8D500 Knorr - II37001, II37068, II37209, II37229, II37231, II37233, II37380, II37392, II38367F, II39262F, II39846, K000045, K000786, K001164, K001232, K002099, K002784, K002983, K003387, K003810, K010749, K011138, K011140, K011294, K011670, K011668, Z0015751, Z0021261, SB7418, SB7433, SB7500, SB7761, SB7765, SB7780, SB7783, SB7785, SB7826, SB7862, SB7884, SB7889, SN7083, SN7107, SN7122, SN7160, SN7216, SN7267 SAF - 4080001300, 4080001302 Scania - 1356719, 1390431, 1422033, 1472420 ZF - 0501006296, 0501007166, 0501007200, 0501007243, 0501007394, 0501007543, 0501007571, 0501007677, 0501007719, 0501008025, 0501008027
MXCE9103024	Neoplan Skyliner Scania 4 Series Bus Scania 4 Series Truck Scania K114 Scania K124 Scania K94 Scania L94 Scania N94 Scania Omnicity	Hyundai - 58100-8D500. Knorr - II37002, II37069, II37210, II37230, II37232, II37234, II37381, II37393, II38368F, II39263F, II39847, K000046, K000787, K001165, K001233, K002100, K002783, K002984, K003386, K003809, K010750, K011139, K011141, K011295, K011669, K011671, Z0013593, Z0015752, Z0021262, SB7408, SB7423, SB7510, SB7771, SB7775, SB7790, SB7793, SB7795, SB7836, SB7872, SB7894, SB7899, SN7093, SN7117, SN7132, SN7170, SN7206, SN7277. SAF - 4080001200, 4080001202. Scania - 1365720, 1390432, 1422034, 1472419. ZF - 0501006297, 0501007167, 0501007201, 0501007244, 0501007395, 0501007572, 0501007544, 0501007678, 0501007720, 0501008026, 0501008028

Please note that whilst MXCE9103023/024 and MXCE9103153/154 may look similar, they are not interchangeable. The potentiometer fitted within the calipers is different. Failure to fit the correct unit could result in incorrect operation of the brake warning system.



REMANUFACTURED CALIPER PRODUCT UPDATE

CALIPER WATER INGRESS RISK

Following product analysis and improvement work, we have identified a potential risk of water ingress into some remanufactured calipers. To minimise this risk we have drawn up the following fitting instruction.

GB REMANUFACTURED CALIPERS – BRAKE ACTUATOR FITMENT

This instruction contains the relevant information to carry out the above procedure and is intended to provide guidance to prevent risk of water ingress into the brake caliper and actuator assembly. For all other brake caliper removal, refitment and maintenance procedures, refer to vehicle manufacturers instructions and recommendations.

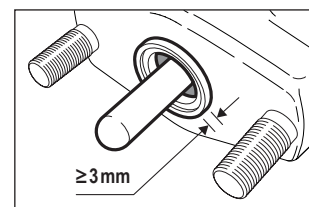
WARNING: Failure to follow these instructions may result in water ingress to caliper which may cause a deterioration in brake performance.

WARNING: For optimum results and safety, Meritor recommends that all work be carried out by a suitably trained mechanic.

CAUTION: Never use an air line to blow dust from the brake disc area. If inhaled any form of dust can at best be an irritant, at worst dangerous. Whenever possible remove dry brake dust with a vacuum brush. Alternatively wipe the areas with a damp cloth, never try to accelerate drying time by using an air line.

Fitment of Brake Actuator

- 1) Where a new brake actuator is being fitted, it may have drain plugs mounted. If so, remove the drain plug at the lowest point of the actuator as it will be fitted to the vehicle. Other drain holes should retain the drain plugs.
- 2) Where an existing brake actuator is being refitted the seal and adjacent actuator face should be inspected.
 - a. The actuator face must be free from dust, dirt and corrosion.
 - b. The actuator face seal must be free from damage and must extend beyond the actuator face by at least 3mm. Where the seal is damaged, or it extends less than 3mm, the brake actuator must be replaced.
- 3) Remove the protective tape covering the actuator aperture in the brake caliper, taking care to ensure that no dirt or foreign bodies enter the caliper.
- 4) Before fitment of the brake actuator to the caliper, grease the spherical cup on the caliper lever and sealing surface of the caliper as per manufacturer's instructions.
- 5) Fit the actuator to the caliper in line with manufacturer's instructions, take care to tighten the fixing nuts evenly to ensure that the seal remains square to the surface of the caliper face.



NOTE: Failure to follow the above instructions could invalidate your caliper warranty. For example, your warranty is invalid if brake caliper damage is the result of any defective sealing related to the brake actuator or actuator mounting.

The affected caliper number are:

OLD	NEW
RZ91.02.001	MXCE9102001
RZ91.02.002	MXCE9102002
RZ91.02.003	MXCE9102003
RZ91.02.004	MXCE9102004
RZ91.02.015	MXCE9102015
RZ91.02.016	MXCE9102016
RZ91.02.017	MXCE9102017
RZ91.02.018	MXCE9102018
RZ91.02.501	MXCE9102501
RZ91.02.502	MXCE9102502
RZ91.02.571	MXCE9102571
RZ91.02.572	MXCE9102572
RZ91.03.001	MXCE9103001
RZ91.03.002	MXCE9103002
RZ91.03.003	MXCE9103003
RZ91.03.004	MXCE9103004
RZ91.03.013	MXCE9103013
RZ91.03.014	MXCE9103014

OLD	NEW
RZ91.03.015	MXCE9103015
RZ91.03.016	MXCE9103016
RZ91.03.019	MXCE9103019
RZ91.03.020	MXCE9103020
RZ91.03.023	MXCE9103023
RZ91.03.024	MXCE9103024
RZ91.03.029	MXCE9103029
RZ91.03.030	MXCE9103030
RZ91.03.043	MXCE9103043
RZ91.03.044	MXCE9103044
RZ91.03.045	MXCE9103045
RZ91.03.046	MXCE9103046
RZ91.03.051	MXCE9103051
RZ91.03.052	MXCE9103052
RZ91.03.053	MXCE9103053
RZ91.03.054	MXCE9103054
RZ91.03.057	MXCE9103057
RZ91.03.058	MXCE9103058

OLD	NEW
RZ91.03.073	MXCE9103073
RZ91.03.074	MXCE9103074
RZ91.03.113	MXCE9103113
RZ91.03.114	MXCE9103114
RZ91.03.119	MXCE9103119
RZ91.03.120	MXCE9103120
RZ91.03.123	MXCE9103123
RZ91.03.124	MXCE9103124
RZ91.03.125	MXCE9103125
RZ91.03.126	MXCE9103126
	MXCE9103153
	MXCE9103154
RZ91.03.503	MXCE9103503
RZ91.03.504	MXCE9103504
RZ91.03.573	MXCE9103573
RZ91.03.574	MXCE9103574

Vehicle and trailer manufacturer numbers are supplied for reference purposes only.

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