

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
MXC9103153	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.
MXC9103154	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 MXC9103023 & MXC9103024 should not be used on MAN applications. The updated cross references and applications for MXC9103023 & 024 are as follows:

SALES PART NUMBER	APPLICATIONS	CROSS REFERENCES
MXC9103023	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
MXC9103024	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 MXC9103023/024 and MXC9103153/154 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.

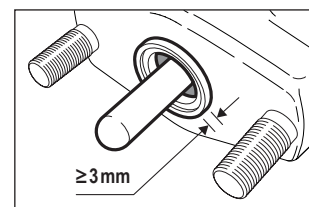
WARNING: Failure to follow these instructions may result in water ingress to caliper which may cause a deterioration in brake performance.

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
RX91.02.001	MXC9102001
RX91.02.002	MXC9102002
RX91.02.003	MXC9102003
RX91.02.004	MXC9102004
RX91.02.015	MXC9102015
RX91.02.016	MXC9102016
RX91.02.017	MXC9102017
RX91.02.018	MXC9102018
RX91.02.501	MXC9102501
RX91.02.502	MXC9102502
RX91.02.571	MXC9102571
RX91.02.572	MXC9102572
RX91.03.001	MXC9103001
RX91.03.002	MXC9103002
RX91.03.003	MXC9103003
RX91.03.004	MXC9103004
RX91.03.013	MXC9103013

OLD	NEW
RX91.03.014	MXC9103014
RX91.03.015	MXC9103015
RX91.03.016	MXC9103016
RX91.03.019	MXC9103019
RX91.03.020	MXC9103020
RX91.03.023	MXC9103023
RX91.03.024	MXC9103024
RX91.03.029	MXC9103029
RX91.03.030	MXC9103030
RX91.03.043	MXC9103043
RX91.03.044	MXC9103044
RX91.03.045	MXC9103045
RX91.03.046	MXC9103046
RX91.03.051	MXC9103051
RX91.03.052	MXC9103052
RX91.03.053	MXC9103053
RX91.03.054	MXC9103054

OLD	NEW
RX91.03.057	MXC9103057
RX91.03.058	MXC9103058
RX91.03.073	MXC9103073
RX91.03.074	MXC9103074
RX91.03.113	MXC9103113
RX91.03.114	MXC9103114
RX91.03.119	MXC9103119
RX91.03.120	MXC9103120
RX91.03.123	MXC9103123
RX91.03.124	MXC9103124
	MXC9103153
	MXC9103154
RX91.03.503	MXC9103503
RX91.03.504	MXC9103504
RX91.03.573	MXC9103573
RX91.03.574	MXC9103574

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

Contact your Meritor sales manager or customer service representative for more information.

Your Sales and Marketing Team



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