

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
MXC09103153	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.
MXC09103154	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 MXC09103023 & MXC09103024 should not be used on MAN applications. The updated cross references and applications for MXC09103023 & 024 are as follows:

SALES PART NUMBER	APPLICATIONS	CROSS REFERENCES
MXC09103023	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
MXC09103024	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 MXC09103023/024 and MXC09103153/154 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.

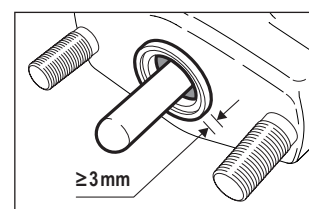
WARNING: Failure to follow these instructions may result in water ingress to caliper which may cause a deterioration in brake performance.

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
R091.02.001	MXC09102001
R091.02.002	MXC09102002
R091.02.003	MXC09102003
R091.02.004	MXC09102004
R091.02.015	MXC09102015
R091.02.016	MXC09102016
R091.02.017	MXC09102017
R091.02.018	MXC09102018
R091.02.501	MXC09102501
R091.02.502	MXC09102502
R091.02.571	MXC09102571
R091.02.572	MXC09102572
R091.03.001	MXC09103001
R091.03.002	MXC09103002
R091.03.003	MXC09103003
R091.03.004	MXC09103004
R091.03.013	MXC09103013
R091.03.014	MXC09103014

OLD	NEW
R091.03.015	MXC09103015
R091.03.016	MXC09103016
R091.03.019	MXC09103019
R091.03.020	MXC09103020
R091.03.023	MXC09103023
R091.03.024	MXC09103024
R091.03.029	MXC09103029
R091.03.030	MXC09103030
R091.03.043	MXC09103043
R091.03.044	MXC09103044
R091.03.045	MXC09103045
R091.03.046	MXC09103046
R091.03.051	MXC09103051
R091.03.052	MXC09103052
R091.03.053	MXC09103053
R091.03.054	MXC09103054
R091.03.057	MXC09103057
R091.03.058	MXC09103058

OLD	NEW
R091.03.073	MXC09103073
R091.03.074	MXC09103074
R091.03.113	MXC09103113
R091.03.114	MXC09103114
R091.03.119	MXC09103119
R091.03.120	MXC09103120
R091.03.123	MXC09103123
R091.03.124	MXC09103124
R091.03.125	MXC09103125
R091.03.126	MXC09103126
	MXC09103153
	MXC09103154
R091.03.503	MXC09103503
R091.03.504	MXC09103504
R091.03.573	MXC09103573
R091.03.574	MXC09103574

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

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