

Service Parts Instructions

INSTALLING MERITOR MFLEX4 PADS IN BENDIX, WABCO OR HENDRICKSON CALIPERS

Hazard Alert Messages

Read and observe all hazard alert messages in this publication.

DANGER

Indicates imminent danger. Failure to follow this instruction will result in death or serious injury.

WARNING

Indicates a possibly impending danger. Failure to follow this instruction can result in death or serious injury.

How to Obtain Additional Maintenance, Service and Product Information

To access and order Meritor brake publications, visit Literature on Demand at Cummins.com.

Meritor MFLEX4 Pads

This publication provides instructions to install Meritor MFLEX4 pads in Bendix ADB22X, Wabco Maxxus, Wabco Pan 22 or Hendrickson Maxx22T calipers.

Safety Precautions

Before performing the procedures in this publication, read and understand the following safety precautions.

DANGER

When performing vehicle maintenance or service, always park the vehicle on a level surface and block the wheels to prevent the vehicle from moving. Failure to do so can result in death or serious personal injury.

WARNING

ASBESTOS AND NON-ASBESTOS FIBERS - Some brake linings contain asbestos fibers, a cancer and lung disease hazard. Some brake linings contain non-asbestos fibers, whose long-term effects to health are unknown. Use caution when handling both asbestos and non-asbestos materials.

WARNING

To prevent eye injury, always wear eye protection when performing vehicle maintenance or service.

				
Description	Bendix ADB22X	Wabco Pan 22	Wabco Maxxus	Hendrickson Maxx22T
Retainer Tool	None	17 mm external wrench	8 mm internal wrench	
Retainer Bolt Torque		21 + 11 lb-ft (30 + 15 Nm)		
Adjuster Wrench	10 mm external	8 mm external		
Maintenance Manual	SD-23-7541	815 010 066 3	815 220 201 3	815 220 216 3
Retainer Bar Kit	HWK 22X01	HWK P2201	HWK MAX01	

Installation

This pad kit services four different brake calipers. Use the table on page 1 to determine the tools required to service each brake.

1. Remove the pad retainer bar from caliper.
If the pad retainer is bent or damaged: Replace the pad retainer with the kit indicated on page 1.
2. Discard the Bendix cotter pin or the Wabco retainer mounting bolt and replace with the new components included in this kit. Replace the Wabco pressure plate spring.
3. Deadadjust the caliper and remove the pads.
4. Perform a wheels off inspection of the caliper using the manufacturer's maintenance manual as a guide.
5. Set new MFLEX4 pads on a flat surface with the friction material side facing up. Note the holes in the top of the pad backing plate.
6. Install the MFLEX4 pad springs on top of the pads.
7. Insert one end of each pad retraction spring into each of the holes in the top of the MFLEX4, making sure the center bends in and the springs are facing inward.

NOTE: The springs will be difficult to install if they are upside down or backwards.

WARNING

Compressed springs can release unexpectedly. Use care and wear eye protection during installation to prevent injury.

8. Hold the second MFLEX4 pad above and insert the other ends of the springs, one at a time into the holes in the second pad. Figure 1.

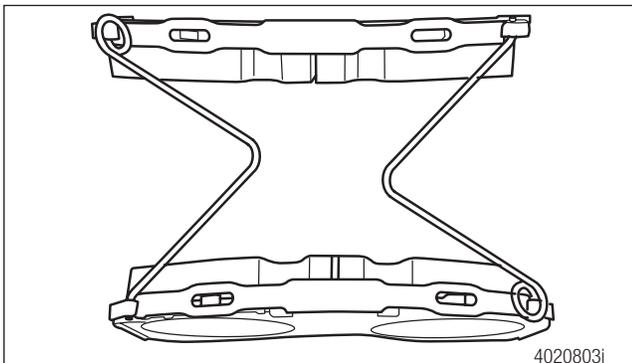


Figure 1



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9. With the brake fully de-adjusted, install the assembled pads and springs into the caliper, over the rotor. Figure 2.

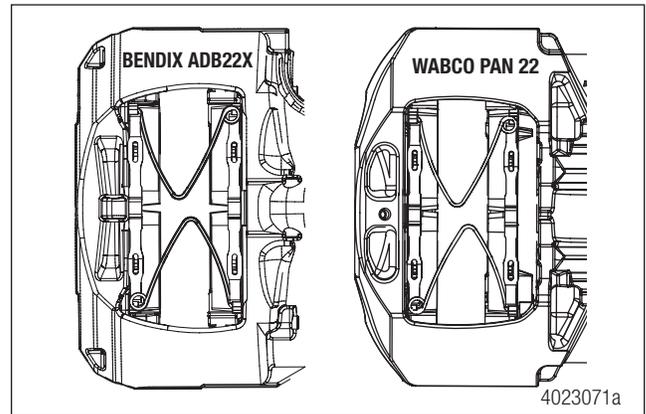


Figure 2

10. Install the pad strap with the center bends of the springs captured underneath. Fasten per manufacturer's instructions. Figure 3 and Figure 4.

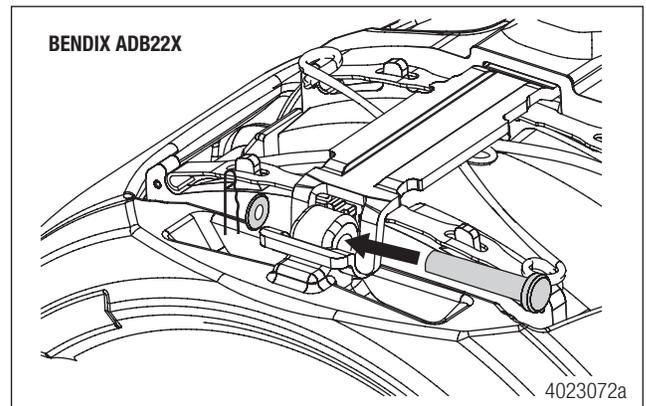


Figure 3

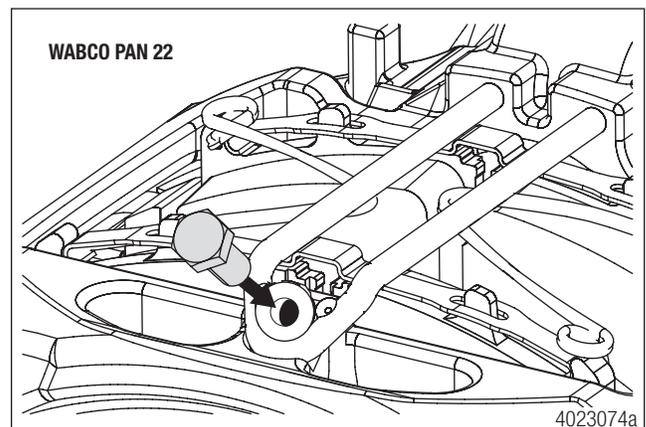


Figure 4

11. Set the running clearance per the manufacturer's instructions.