

INSTALLATION INSTRUCTIONS

1. Place brake caliper on mount, connect the brake linkage.
2. Adjust the Adjuster Pin (#8) by turning it until it is snug and then backing off 1/2 turn. Then tighten the Jam Nut (#9).

LINING REPLACEMENT

1. Back off the Adjuster Pin (#8), disconnect brake linkage and remove the brake caliper from its mount.
2. Remove the two Hex Head Screws (#2) and separate the caliper halves.
3. Remove the actuator side Lining (#3) and Backing Plate (#4) and discard.
4. Remove the Actuator Pin (#5) (behind the Backing Plate) and inspect the pin and lever for galling or cracks. If defective, these parts must be replaced.
5. Grease the spherical ends of the Actuator Pin (#5) and Adjuster Pin (#8) with a good TEFLON®-additive grease and replace the Pin into the caliper housing spherical end first.
6. Place new Backing Plate into housing then place new Lining (#3) on top of the plate in the housing cavity.
7. If using Lining Kit #3000-9011 install Lining and Anvil sub-assembly. If using Lining Kit #3000-9001, follow next two steps.
8. Remove the Anvil Lining (#3) and scrape all adhesive and lining material from the Anvil (#1) pocket surface. This is done to insure that the new linings will seat properly.
9. Put a small spot (about the size of a dime) of weather-strip adhesive on the anvil and place the lining into the recess. Press the two parts together by hand to properly distribute the adhesive.
10. Be sure the Adjuster Pin (#8) is backed off completely. Reassemble the caliper and torque the Hex Head Screws (#2) to 24 foot-pounds (288 inch-pounds).
11. Replace the caliper onto the mount and reconnect the linkage. When doing this, turn the Adjuster Pin (#8) until it is snug, then back off 1/2 turn. Then tighten the Jam Nut (#9). Make certain that the clearance between the disc and the friction linings is .010 to .031 inch per side.

LEVER AND HOUSING REPLACEMENT**Disassembly Instructions**

1. Disconnect linkage and remove caliper from the vehicle.
2. Loosen and remove the two Hex Head Screws (#2) that hold the caliper halves together.
3. Remove the Lining (#3), the Backing Plate (#4) and the Actuator Pin (#5) from the Housing (#11).
4. Loosen the Jam Nut (#9) and remove the Adjuster Pin (#8) from the housing.
5. Remove Groove Pin (#7) with drive pin punch or press.

LEVER AND HOUSING REPLACEMENT**Assembly Instructions**

1. Apply a good high temperature grease such as a TEFLON®-additive grease to the spherical ends of Adjuster Pin (#8) and Actuator Pin (#5).
2. Thread Adjuster Pin (#8) into Housing (#11) until the spherical end protrudes into the lever opening.
3. Install Actuator Pin (#5) into Housing (#11) (spherical end first) through the lining cavity.
4. Then, place the Backing Plate (#4) into the lining cavity.
5. Assemble the caliper halves together reusing the Hex Head Screws (#2) and Nuts (#6), torquing them to 24 foot-pounds (288 inch pounds).
6. Replace the caliper in the vehicle and adjust by turning the Adjuster Pin (#8) until it is snug. **THEN** back off 1/2 turn.
7. Tighten the Jam Nut (#9) and attach the linkage to the Lever (#10).
8. Prior to use, test the caliper to verify that it is working.

SERVICE KITS

MB-1 Service Kits include: Actuator Side Housing and Lever.

Lever Position	Direction of Pull	Airheart No.
3 O'Clock	Counter Clockwise Lever Pull	3000-9005
6 O'Clock	Clockwise Lever Pull	3000-9006
12 O'Clock	Counter Clockwise Lever Pull	3000-9003
12 O'Clock	Clockwise Lever Pull	3000-9002
6 O'Clock	Counter Clockwise Lever Pull	3000-9007
3 O'Clock	Clockwise Lever Pull	3000-9004
9 O'Clock	Clockwise Lever Pull	3000-9008
9 O'Clock	Counter Clockwise Lever Pull	3000-9009

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