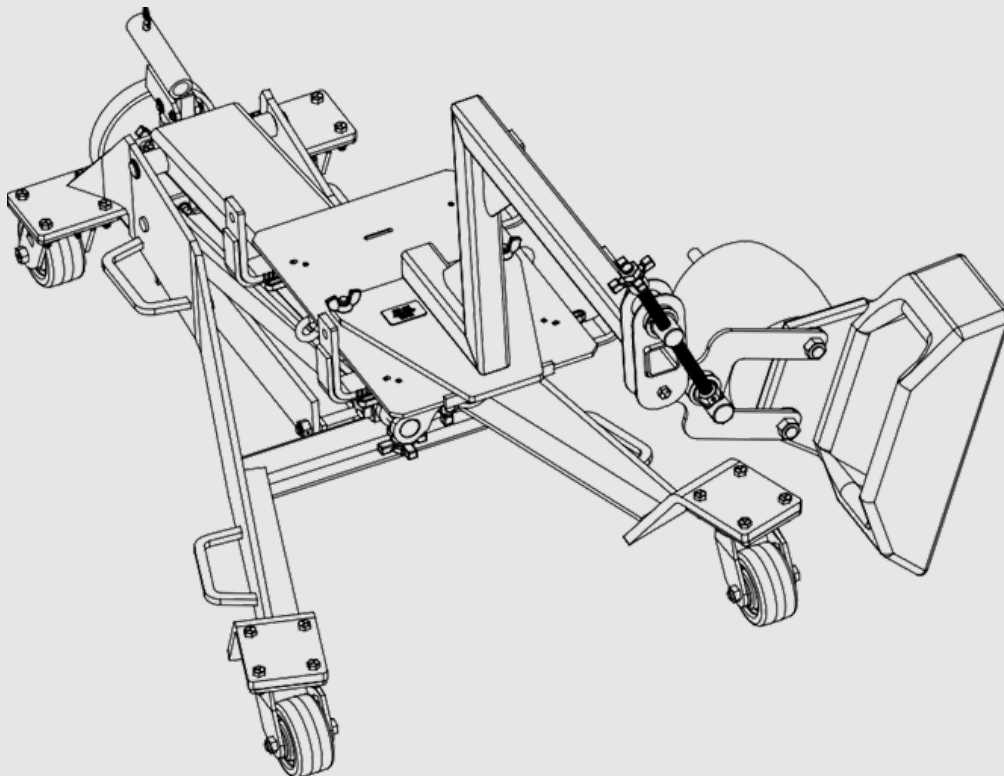


MAHLE CAD-10DBA

EN

Operation Manual
Disc Brake Caliper
Adapter





**EVERY PERSON WHO OPERATES THIS
EQUIPMENT NEEDS TO KNOW AND
UNDERSTAND ALL OF THE INFORMATION IN
THIS MANUAL – FAILURE TO DO SO COULD
RESULT IN SERIOUS INJURY OR DEATH.**

**READ THIS MANUAL
CAREFULLY AND
RETAIN FOR YOUR
RECORDS**

Contents

1. Safety Regulations	4
1.1 Warnings.....	4
2. Foreword.....	5
2.1 From the manufacturer.....	5
3. Symbols Use.....	5
3.1 Signal words.....	5
4. Responsibilities	6
4.1 Receiving inspection	6
4.2 Owner and/or operator responsibilities.....	6
5. Specifications	6
6. Operation.....	7
6.1 Operating the Disc Brake Adapter	7
7. Notes.....	8

1. Safety Regulations

1.1 Warnings

To avoid serious injury or death, read this manual carefully before operating this unit.

Failure to understand and obey safety instructions may result in unsafe or improper use of this product.

- ⚠ Do not overload the maximum lifting capacity of this adapter, 100 lbs. / 45 kg.
- ⚠ This adapter is to be used ONLY when removing/installing a brake caliper.
- ⚠ NEVER operate vehicle while this adapter is in use.
- ⚠ Inspect adapter before each use. If adapter is damaged DO NOT use.
- ⚠ No alterations shall be made to this product.
- ⚠ Use this adapter only as it is intended to be used per the operating instructions. Using adapter for means other than the intended purpose could result in injury and/or property damage.
- ⚠ Observe all instructions and safety warnings that come with the adapter. or improper use of this product.

2. Foreword

2.1 From the manufacturer

Thank you for your purchase. To complement the offering of A/C, fluid and nitrogen service equipment, MAHLE Service Solutions has partnered with Gray Manufacturing to provide the highest quality hydraulic and pneumatic equipment available for the professional service technician. This equipment adheres to high standards promised in the MAHLE guarantee including the assurance of innovation and reliability that comes with the Gray Manufacturing name. Please contact MAHLE Service Solutions' customer service at (800) 468-2321 or tech.mss@us.mahle.com with any comments or questions.

3. Symbols Use

3.1 Signal words

Signal words call attention to a safety message or messages, or a property damage message or messages, and designate a degree or level of hazard seriousness. Signal words used in this manual include:

Keyword	Probability of occurrence	Severity of danger if instructions not observed
DANGER	Immediate impending danger	Death or severe injury.
WARNING	Possible impending danger	Death or severe injury
CAUTION	Possible dangerous situation	Minor injury
NOTICE	Possible damage to property	Possible property damage

4. Responsibilities

4.1 Receiving inspection

Before attempting to operate this equipment, thoroughly read and understand this manual. Completely remove all tape and packaging. Inspect the equipment immediately upon delivery. If shipping damage is evident, inform the delivering carrier immediately and contact the manufacturer using the contact information on the back cover of this manual.

4.2 Owner and/or operator responsibilities

The owner of this equipment must read these instructions and maintain them for future reference and for instructing any other users of the equipment. The owner is responsible for keeping all warning labels and instruction manuals legible and intact. Replacement labels and literature are available from the manufacturer. The owner must never authorize or allow anyone to use this equipment until the operator has read and understood the information in this manual and on the accompanying labeling on the equipment itself.

If this equipment is being used in an occupational setting (or workplace), the employer should ensure that all personnel working with and around the equipment know of the risks associated with its use. Personnel involved in the use and operation of this equipment shall be careful, competent, trained, and qualified in the safe operation of the equipment and its proper use when servicing motor vehicles and their components. Safety information provided with this equipment should be emphasized by the employer and understood by each employee. The employer must make this manual available to all personnel using this equipment and all personnel must read and understand the contents of this manual. If the operator is not fluent in English, the manufacturer's instructions and warnings shall be read to and discussed with the operator in the operator's native language by the employer, making sure that the operator comprehends its contents and observes the proper procedures for use of this equipment.

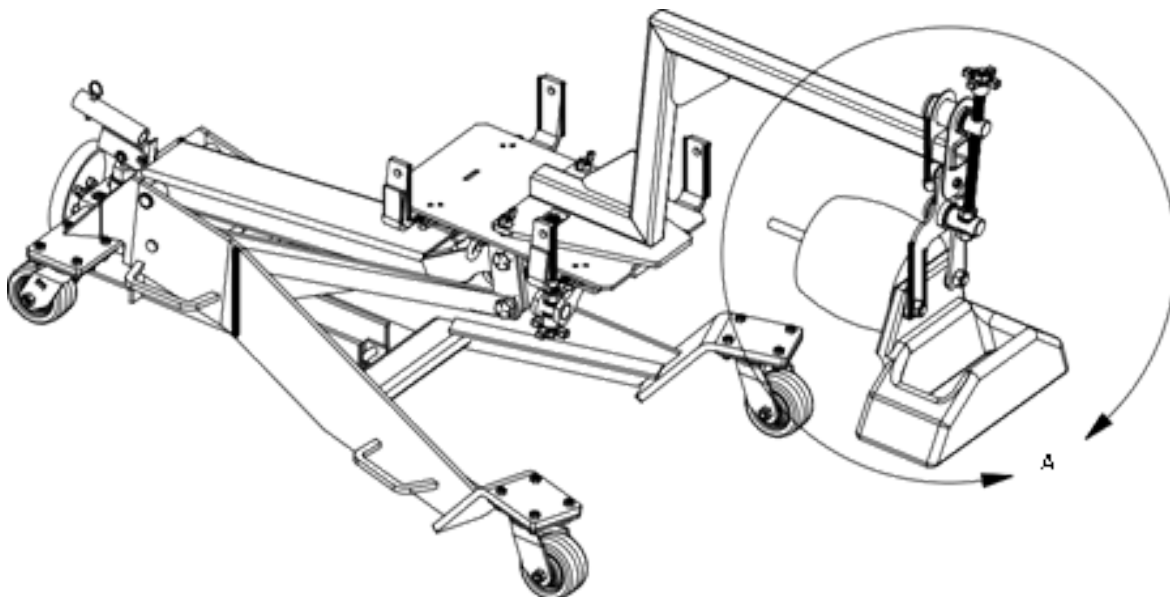
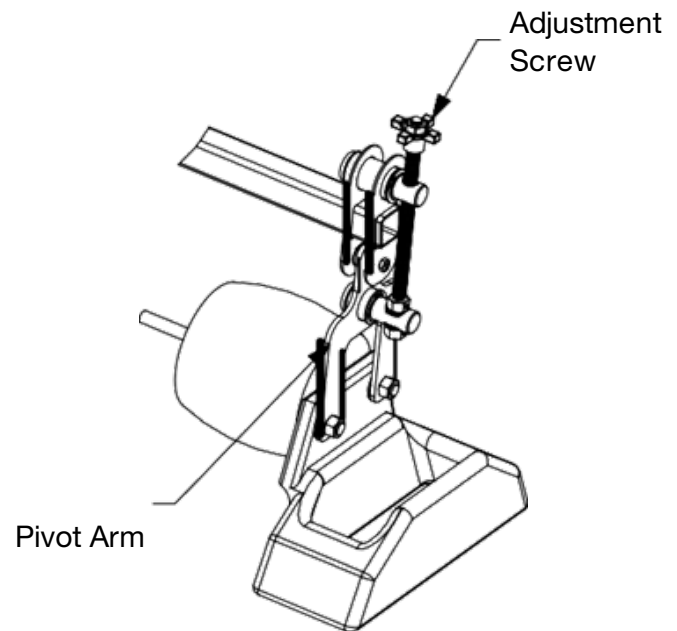
5. Specifications

Model CAD-10DBA	US units	Metric units
Capacity	100 lb.	45 kg.
Weight	29 lb.	13 kg.

6. Operation

6.1 Operating the Disc Brake Adapter

1. lace adapter on the host device, securing it with the bolts and wing nuts provided.
2. Remove the wheel and tire assembly to allow access to the brake caliper.
3. Remove the two nuts holding the air chamber to the caliper, leaving the washer on the bolt studs of the air chamber.
4. Align the holes of the pivot arm to the air chamber studs by turning the adjustment screw. Turning the adjustment screw will change the angle of the Pivot Arm to the desired position. Slide the holes of the Pivot Arm over the studs of the air chamber and tighten the air chamber nuts snug.
5. Once the Disc Brake Adapter is securely fastened to the caliper assembly, the airlines and caliper mounting bolts can be removed.
6. The caliper assembly can now be removed. Reverse these steps to reassemble the caliper assembly.
7. Once all maintenance has been done, remove device before entering the cab of the vehicle.



7. Notes

MAHLE

MAHLE Aftermarket Inc.

916A West State Street,
St. Johns, MI 48879

Phone: (800) 468-2321

Fax: (717) 755-8304

E-mail: tech.mss@us.mahle.com

www.servicesolutions.mahle.com