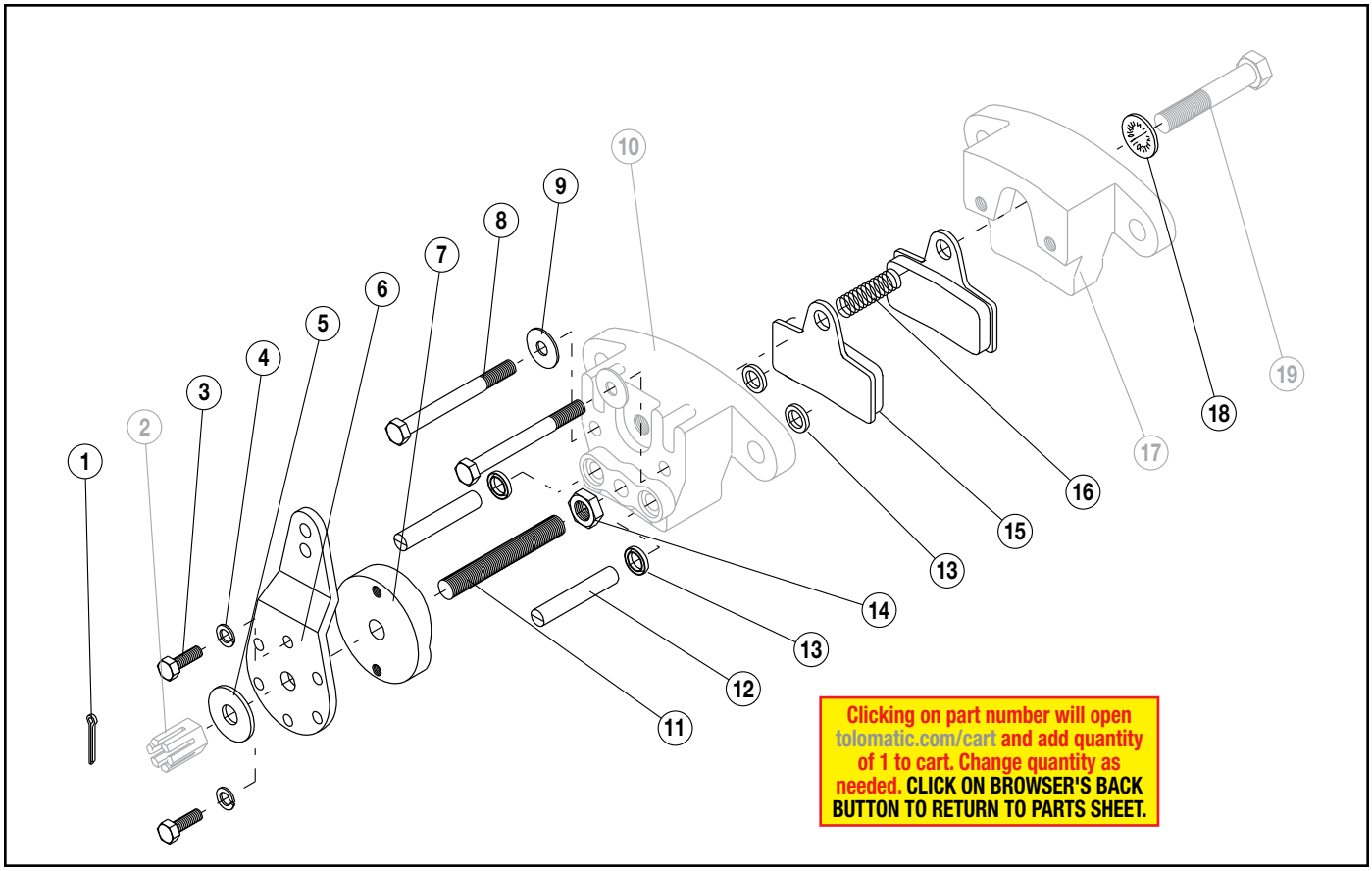
MB3 Mechanical Caliper Disc Brake

Models: 0790-0000



Click on Part No. to Add to Cart

Item	Part Number	Description	Qty.
1.	0790-1007	Cotter Pin	1
2.	0790-1005#	Castle Nut	1
3.	0790-1008	Bolt	2
4.	0804-1263	Lock Washer	2
5.	0790-1009	Washer	1
6.	0790-1006	Lever	1
7.	0790-1011	Cam	1
8.	0790-1012	Bolt	2
9.	0745-1049	Washer	2
10.	0790-1001#	Housing Live Side	1

Click on Part No. to Add to Cart

Item	Part Number	Description	Qty.
11.	0790-1004	Stud	1
12.	0790-1010	Actuating Pin	2
13.	0790-1017	Wiper Seal	4
14.	0790-1015	Jam Nut	1
15.	0790-1014	Pad Assembly	2
16.	0790-1016	Compression Spring	1
17.	0790-1003#	Housing Dead Side	1
18.	0790-1020	Washer, Lock, Int.	1
19.	0790-1013#	Bolt	1

#Greyed out components are not available for individual purchase

Note: All numbers in parentheses refer to item number used in the assembly drawing.

Installation:

1. Mount the brake using two (2) $\frac{5}{8}$" SAE grade 5 bolts. If the bracket engages the bolts between the mounting lugs, the minimum bolt length is $3\frac{1}{2}$". Care must be taken to ensure that the Pads (#15) are parallel with the rotor surface. To prevent excessive wear, ensure that the pads do not rub against the disc surface while the brake is not applied.

2. The disc surface must be free of dirt and grease for maximum lining life and proper braking performance. If the brake is mounted rigidly, the disc must be free to float to adjust for lining wear.

3. Attach the lever actuating mechanism. Maximum lever force is limited to 660 lbf (2,935.8 N).

4. When the brake is installed, remove the Cotter Pin (#1) and tighten the Adjuster Nut (#2) until the Pads (#15) contact the disc. Next back off the Adjuster Nut one full turn to provide adequate running clearance.

Maintenance:

1. Disconnect the Brake Lever Arm (#6) and remove the brake from its mount. If it is accessible, it may be desirable to loosen the Pad Retaining Screw (#19) before removing the brake.

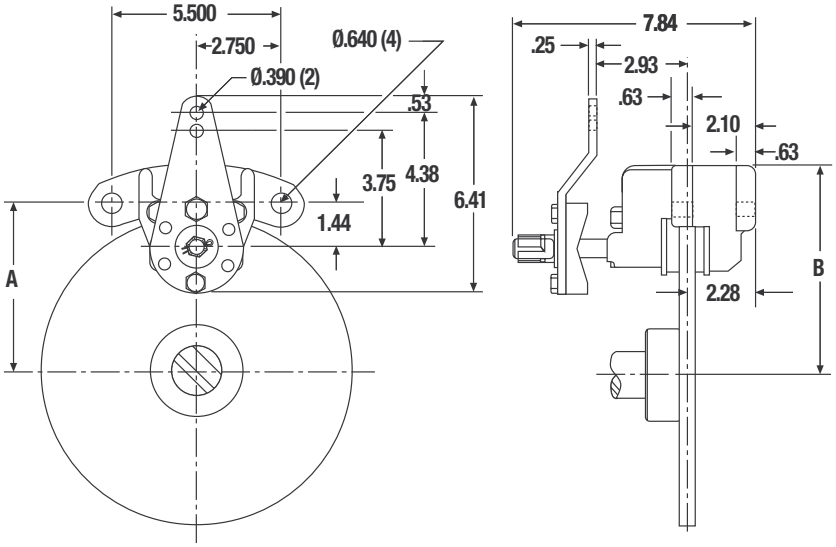
2. Remove the Pad Retaining Bolt (#19) and remove the Pads (#15). Be sure not to lose the Compression Spring (#16) between the two Pads. The Compression Spring prevents the Pads from rattling during operation.

3. Remove the Adjuster Nut (#2), Flat Washer (#5), Lever & Cam Assembly (#3)(#4)(#6) and (#7) and the Actuating Pins (#12). Clean and inspect the Actuating Pins for damage or wear. Apply a fresh coating of high pressure grease before reinserting the Actuating Pins into the caliper assembly. Clean and inspect the Cam (#7) surface for wear or damage. Apply a fresh coating of high pressure grease to the face of the Cam that meets the Actuating Pins and the hole in the center of the Cam. Clean & grease the Flat Washer. Reinstall the Cam & Lever Assembly (#3)(#4)(#6) and (#7), Flat Washer (#5), and Adjuster Nut (#2).

4. Install two new Pads (#15) with the Compression Spring (#16) between the holes in the top of the Pads. Insert the Pad Retaining Bolt (#19) and tighten to 25 ft-lbs (33.9 N-m) torque.

5. Reinstall the brake assembly on the vehicle.

Mounting Dimensions



DISC DIA. IN.	A	B
10	5.50	6.73
12	6.50	7.73
14	7.50	8.73
16	8.50	9.73

Tolomatic™
EXCELLENCE IN MOTION
COMPANY WITH QUALITY SYSTEM CERTIFIED BY DNV = ISO 9001 =
3800 County Road 116, Hamel, MN 55340 USA
https://www.Tolomatic.com • Email: Help@Tolomatic.com
Phone: (763) 478-8000 • Toll Free: 1-800-328-2174

All brand and product names are trademarks or registered trademarks of their respective owners. Information in this document is believed accurate at time of publication. However, Tolomatic assumes no responsibility for its use or for any errors that may appear in this document. Tolomatic reserves the right to change the design or operation of the equipment described herein and any associated motion products without notice. Information in this document is subject to change without notice.

© 2026 Tolomatic 202610210755

Visit www.tolomatic.com for the most up-to-date technical information