



CREWSON™
AUTOMATIC BRAKE ADJUSTER

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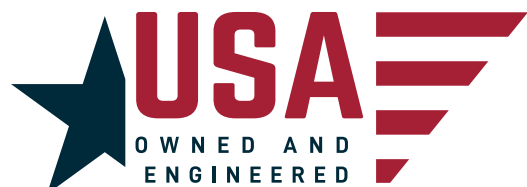
Help reduce time spent under vehicles and increase performance with Crewson Automatic Brake Adjusters. Designed with efficiency and convenience in mind, they maintain proper shoe-to-drum clearance in demanding braking modes and can easily be installed in the field or on the shop floor.



Crewson Automatic Brake Adjusters (ABA) support efforts in maintaining vehicles up to code and in peak operating conditions. Our brake adjusters have been designed with a variety of proprietary features, including:

- **CAM GUARD:** This lubrication system protects against seizing and corrosion.
- **INSTALLATION GUIDE:** This handy guide helps ensure correct and precise ABA installation.
- **CLEARANCE SENSING ADJUSTER SYSTEM:** Crewson features the industry's premier reduced wear clutch.
- **HIGH STRENGTH GEARSET:** Provides the ABA with durable operation in demanding conditions.
- **BLUE POWDER COAT:** Protects the ABA from harsh weather conditions and debris.
- **SEALING:** The gear is sealed with a proprietary system that protects it from environmental contamination.
- **PUSHROD CUT-OFF TOOL:** For accurate measurements.

For more information on Crewson,
contact your Hendrickson representative



INSTALLATION

The Crewson Automatic Brake Adjuster comes with our structurally rigid installation guide. This handy and straightforward guide helps ensure that even first-time users can install the ABA correctly time after time.

Installation Guide



Figure A shows components disengaged to reduce wear (over 90% of the time).

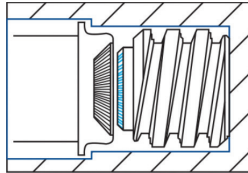
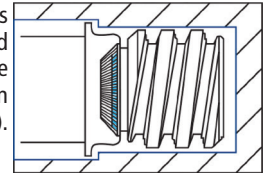


Figure B shows components engaged during brake adjustment (less than 10% of the time).



LONG-LIFE ADJUSTMENT SYSTEM

Heavy-duty internal components with a clearance-sensing clutch enable the brake system to adjust for hot braking conditions. This Crewson design protects the adjusting components during normal brake applications when brake adjustment is not required. In general, up to 85 to 90 percent of all brake applications do not require adjustment, so why subject the adjusting components to continuous wear?

The Crewson Adjustment System operates like the windscreen wipers on a car — it is only utilised when needed, not continuously during vehicle operation.

- A typical commercial vehicle can make up to two million brake applications in five years.
- This same vehicle can be expected to require the ABA to adjust the brake up to 10 to 15 percent of the time.

COMMON CREWSON PART NUMBERS

Automatic Brake Adjusters

PART NO.	DESCRIPTION
CWMK21702S	10 SPLINE – 5.5", 6.5"
CWMK21704S	10 SPLINE – 5", 6", 7"
CWMK22702S	28 SPLINE – 5.5", 6.5"
CWMK22704S	28 SPLINE – 5", 6", 7"
CWMK23702S	37 SPLINE – 5.5", 6.5"
CWMK23704S	37 SPLINE – 5", 6", 7"

Manual Brake Adjusters

PART NO.	DESCRIPTION
CWMM1202S	10 SPLINE – 5.5", 6.5"
CWMM1200S	10 SPLINE – 5", 6", 7"
CWMM2202S	28 SPLINE – 5.5", 6.5"
CWMM2200S	28 SPLINE – 5", 6", 7"

Components

PART NO.	DESCRIPTION
CWMC8530S	PUSHROD CUTOFF TOOL
CWMC8056KTS	PIN KIT
CWMC8420KTS	CLEVIS 5/8" — 18 STD
CWMC8425KTS	CLEVIS 5/8" — 18 OFFSET
CWMC8480KTS	CLEVIS 5/8" — 18 EXT



Actual product performance may vary depending upon vehicle configuration, operation, service and other factors. All applications must comply with applicable specifications from Motor Wheel and the respective vehicle manufacturer. Contact Hendrickson for additional details regarding specifications, applications, capacities, and operation, service and maintenance instructions.

Call Hendrickson or visit our web site for additional information.



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