



1.3" WELDED CLEVIS AUTOMATIC BRAKE ADJUSTER

**6 YEAR / 1 MILLION MILE
WARRANTY***

**On-Highway Trucks, Tractors and Trailers. Contact your local Motor Wheel representative for complete warranty terms, conditions and limitation.*

ALL OF THE GREAT FEATURES YOU EXPECT NOW FOR 1.30" WELDED CLEVIS APPLICATIONS

- **AUTO-CHECK®:** This advanced, optional feature allows you to check brake stroke without crawling under the truck.
- **CAM GUARD:** This lubrication system protects against seizing and corrosion.
- **EASY INSTALLATION:** The proper mounting angle has been designed into the product, an installation gauge is not necessary.
- **CLEARANCE SENSING ADJUSTER SYSTEM:** Motor Wheel 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 winter conditions.
- **SEALING:** The gear is sealed with a proprietary system that protects it from environmental contamination.

NOTE: 1.3" Pin Spacing is typical of welded clevis applications used on International, Freightliner, Mack and Volvo trucks.



Blue box label for easy identification



Silver lift rod for easy identification



For more information on
Crewson, call 855.743.3733
or visit www.motorwheel-intl.com

CREWSON™ 1.30" WELDED CLEVIS AUTOMATIC BRAKE ADJUSTER

BUILD YOUR PART NUMBER

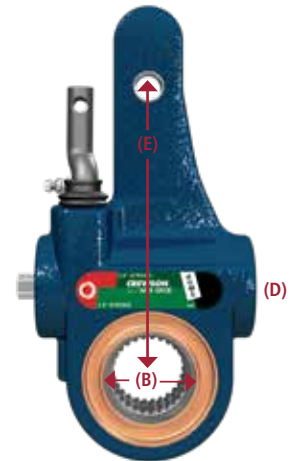
EXAMPLE	MK	(A)	(B)	(C)	(D)	(E)
	MK	4	2	0	1	6

As shown in the example on the left, the C & D digit in the model number must be a 0 and 1 respectively to identify a Motor Wheel Crewson 1.30" Welded Clevis ABA.

(MK)	ALL AFTERMARKET PART NUMBERS
(A)	AUTO-CHECK STROKE INDICATOR
(2)	No "Auto-Check" Indicator
(3)	T-16, 20, 24 Std. Stroke Chamber
(4)	T-30 Std. Stroke OR T-16, 20LS, 24LS Chamber OR T-24LLS, 30LS Chamber
(5)	T-36 Std. Stroke Chamber
(B)	SPLINE (DIAMETER - SPLINES)
(1)	1-1/2" - 10
(2)	1-1/2" - 28
(3)	1-5/8" - 37
(4)	1-1/4" - 10
(5)	1-1/4" - 24

(C)	CLEVIS TYPE & SIZE
(0)	No Clevis
(1)	5/8" - 18 Straight
(2)	1/2" - 20 Straight
(3)	5/8" - 18 Offset
(4)	1/2" - 20 Offset
(7)	7/8" - 18 Straight Extended
(8)	5/8" - 18 Short Throat
(9)	5/8" - 18 Short Throat 5/8" Offset
(E)	1/2" - 20 Straight Extended

(D)	BRAKE SIZE / TYPE
(0)	Std S-Cam Brake
(1)	1.30" Welded Clevis
(5)	12.25" S-Cam Brake Curved Arm
(E)	ARM LENGTH
(0)	5.5"
(1)	6.5"
(2)	5.5", 6.5"
(3)	5", 6"
(4)	5", 6", 7"
(6)	6"



MOTOR WHEEL CREWSON COMPETITIVE PART NUMBER CROSSOVER

GENERAL CROSS-REFERENCING

1. Build the Motor Wheel Crewson model number using the competitive brake adjuster dimensions (spline diameter, number of splines, arm length).
2. Determine the size (e.g. 24, 30, 36) and type (e.g. Standard or Long Stroke) of the air chamber used and adjust the first digit (A) of the Motor Wheel Crewson model number accordingly.
3. Determine if the brake adjuster is a welded clevis type or now. If not a 1.30" welded clevis, you are done and the correct model number has been identified. If a 1.30" welded clevis, then continue with the instructions to the right.

MOTOR WHEEL CREWSON 1.30" WELDED CLEVIS CROSS-REFERENCING

Haldex & Meritor

- These competitive brake adjusters work in multiple clevis pin spacing applications.
- To crossover Haldex and Meritor brake adjusters to Motor Wheel Crewson 1.30" Welded Clevis, follow the general steps for cross-referencing competitive ABAs (at left) and then adjust the C & D digits in the model number as described above.

Gunite & Bendix

- These competitive brake adjusters, like Motor Wheel Crewson, are application-specific, i.e. a different adjuster for threaded clevis and welded clevis applications.
- To crossover Gunite & Bendix brake adjusters, follow the general cross-referencing steps and use the crossover charts below.

MOTOR WHEEL CREWSON 1.30" WELDED CLEVIS PART NUMBERS

GUNITE PART NO.	NON AUTO-CHECK	SPLINE SIZE	ARM LENGTH	AUTO-CHECK 16, 20, 24STD	AUTO-CHECK 30STD 16, 24LS, 24LLS, 30LS
AS1168	MK21010S	1-1/2" - 10	5.5"	NA	MK41010S
AS1168	MK21016S	1-1/2" - 10	6.0"	NA	MK41016S
AS1168	MK24010S	1-1/2" - 10	5.5"	NA	MK44010S
AS1168	MK25010S	1-1/2" - 24	5.5"	NA	MK45010S
AS1168	MK22010S	1-1/2" - 28	5.5"	NA	MK42010S
AS1168	MK22016S	1-1/2" - 28	6.0"	NA	MK42016S
AS1168	MK21011S	1-1/2" - 10	6.5"	NA	MK41011S
AS1168	MK22011S	1-1/2" - 28	6.5"	NA	MK42011S
AS1168	NA	1-1/2" - 28	6.0"	NA	NA
AS1168	NA	1-1/2" - 10	6.0"	NA	NA

MOTOR WHEEL CREWSON 1.30" WELDED CLEVIS PART NUMBERS

BENDIX PART NO.	NON AUTO-CHECK	SPLINE SIZE	ARM LENGTH	AUTO-CHECK 16, 20, 24STD	AUTO-CHECK 30STD 16, 24LS, 24LLS, 30LS
K041870	MK21010S	1-1/2" - 10	5.5"	NA	MK41010S
K041876	MK21016S	1-1/2" - 10	6.0"	NA	MK41016S
K041877	MK22016S	1-1/2" - 28	6.0"	NA	MK42016S
K043197	MK22010S	1-1/2" - 28	5.5"	NA	MK42010S

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 Motor Wheel for additional details regarding specifications, applications, capacities, and operation, service and maintenance instructions.

Contact Motor Wheel at 855.RIDERED (743.3733) for additional information.



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