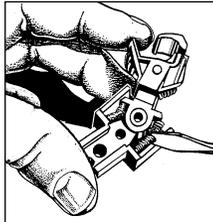
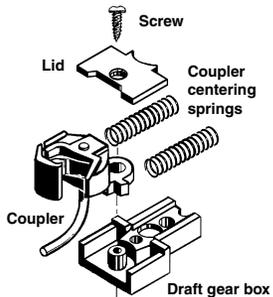


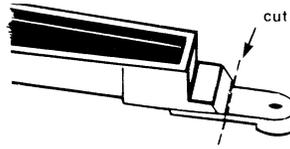
798 / 1798 Ins.

### ASSEMBLY

**IMPORTANT:** Before assembling remove burrs or flash (if any) from all parts. Burnish (polish) all friction bearing surfaces with #231 Greas-em dry graphite lubricant.



To assemble the coupler follow the illustrations in these instructions. Make sure the gear box lid is tightly secured with the screw. Add a "puff" of our #231 Greas-em into the draft gear box. Make sure the coupler flexes back and forth freely.



### MOUNTING INSTRUCTIONS

After removing the old coupler place the new Kadee® coupler in proper location. Mark the new screw hole location, remove coupler and drill a 3/32" hole. Install new Kadee® coupler using the screw supplied.

### COUPLER OPERATION TO COUPLE -

Simply push cars together until knuckles bypass each other and lock into position.

### FOR DELAYED UNCOUPLING -

1) Stop with the couplers over an uncoupler and back up slightly with the couplers still over the uncoupler, allowing slack to occur between couplers. 2) Pull forward slightly. Couplers are now in the delayed position. 3) Back up, pushing the car(s) to the desired location. Do not permit slack to develop between couplers. 4) Pull forward, leaving the car(s) where desired. Couplers automatically return to normal coupling position.

Use Kadee® Greas-em, the dry lubricant recommended for use with all Kadee® Magne-Matic® couplers. Greas-em will not attract the dirt and dust that gums up the inside of couplers like oil, grease or other lubricants will. Use our #829 #1-Scale or #880 G-Scale Height Gauge to check for the correct coupler height and trip pin clearance. The N.M.R.A. standard for coupler height is the centerline of coupler at 1 1/16" (1.0625") for #1-Scale & 1 1/8" (1.125") G-Scale.

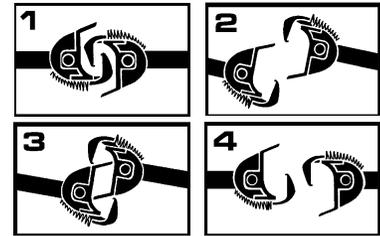
Note: We include extra knuckle springs. The Replacement

Knuckle Spring used on Kadee® #1-Scale couplers are sold as the #875 (#820-828 couplers) or #1875 (1700 & 1800 series couplers) Knuckle Spring. The Knuckle Spring used on Kadee® G-Scale couplers are sold as the #860 Knuckle Spring.

For Delayed Action Uncoupling use our #842 Uncoupler, #844 Portable Uncoupler, or our #840 Uncoupler mounted in LGB track.

Kadee® coupler conversion list & coupler conversions are on the Kadee® web site for your convenience.

[www.kadee.com/conv/convpl.htm](http://www.kadee.com/conv/convpl.htm)



NOTE: If couplers swing open too far when uncoupling, lower magnet slightly to correct.

# MAGNE-MATIC®

*Kadee Quality products co.*

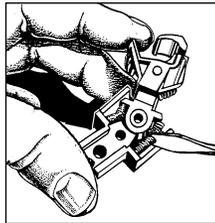
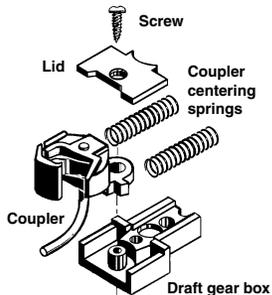
673 Avenue C  
White City, OR 97503

Made in the U.S.A.

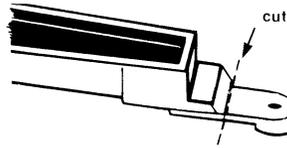
## 798 / 1798 Ins.

### ASSEMBLY

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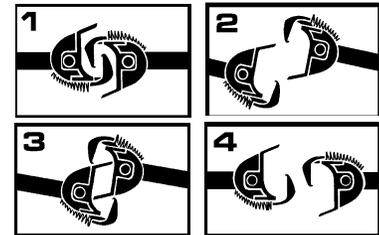
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