



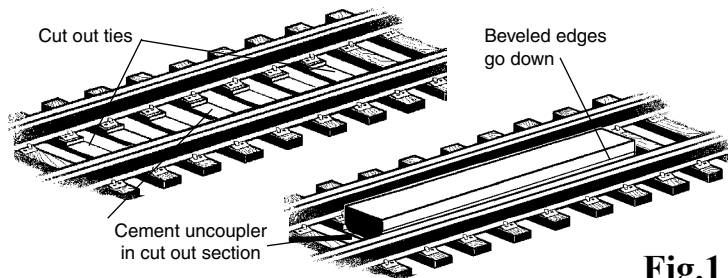
## NON-DELAYED UNCOUPLER

# 312

**CAUTION:** These uncouplers will break if dropped or bent.

Installation instructions for '312 NON-DELAYED UNCOUPLER. Read instructions through before starting.

The '312 is Non-Delayed. It is to be used with Kadee® Delayed-Action Couplers, but will not set them in delayed position. Use '321 magnetic Uncoupler for delayed uncoupling.



**Fig.1**

### TO MOUNT:

This uncoupler must be mounted exactly in the center of the track so first find the center between the rails and mark it. Next you will have to cut out a section of ties the exact width and length of the magnet. The depth of the section that you cut out should be gauged so when the magnet is in position it sticks up above the railtop 1/64 of an inch. The amount that you cut out of the ties will depend on what kind of ties you have and what code rail you

are using. Cut a little deeper than required if you plan to use white glue for it will take up the extra space. Before gluing make sure that the magnet is still in the center of the rails. Use the Kadee® '334 Uncoupler Gluing Jig to hold the magnet in the correct position while glue is drying. Note when mounting the '312 in your track the tapered edges go DOWN, see Fig. 1.

1 Stop couplers over magnetic uncoupler

1



2 Withdraw and disengage couplers. Magnetic force draws knuckles off center

2



3 To couple, push off magnet. Knuckles return to coupled position

3



### TO OPERATE:

1. To uncouple cars: Stop so the two couplers you wish to part are over the magnet. When you reverse direction to allow slack to develop between the couplers, the knuckles will open and the couplers will uncouple.
2. Since the couplers will uncouple when slack develops when over the uncouplers, a jerky locomotive can cause cars to uncouple as can stopping when couplers are over the magnet. Keep a steady pull when pulling your train over the magnets to avoid unwanted uncoupling.
3. Cars can not be recoupled when over the magnet. It is necessary to push the car away from the magnet, then the cars can couple.

Made in the U.S.A.



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