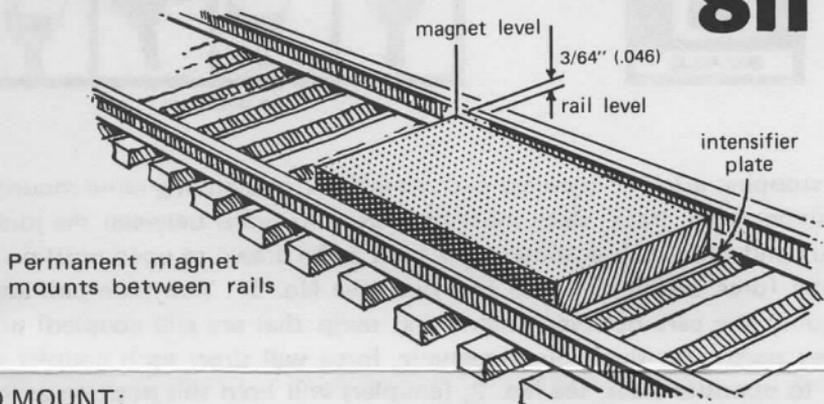


INSTALLATION INSTRUCTIONS for the No. 811 DELAYED uncoupler - read complete instructions before starting.

The No. 811 uncoupler is Delayed. It is to be used with Kadee O scale couplers.

O-SCALE

811

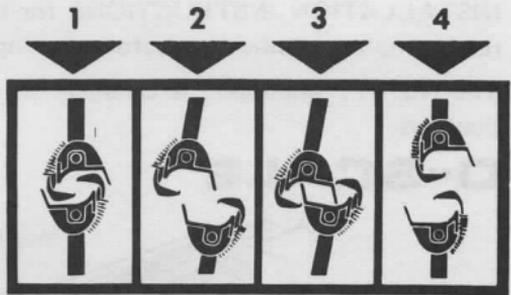


TO MOUNT:

This uncoupler must be mounted exactly in the center of the track so first find the center between the rails and mark it. The uncoupler magnet should at no point extend above the rails by more than $\frac{3}{64}$ inch. In most instances all that is necessary for proper installation is to glue it in the center of the roadbed. However, if it doesn't 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 $\frac{3}{64}$ of an inch.

The amount you will cut out of the ties will depend on which of the different code rails, with their various code heights, you will be using.

Use white glue to anchor metal plate and magnet in roadbed. Remember, the metal plate must be placed under the magnet (not on top of it) for proper operation.



to uncouple

When stopping a set of couplers over a magnetic uncoupling ramp mounted in or under your track, slack must be caused to occur between the joined couplers and then they automatically tend to be drawn to open position by magnetic force acting on these trip pins, see No. 1. You then pull away (with only the cars between engine and ramp that are still coupled) until couplers part. At this point magnetic force will draw each coupler off center to opposite sides, see No. 2, (couplers will hold this position as long as they are over magnet) when you back in again bringing couplers together again (over magnet) they will not recouple but will mismatch in "delayed" position, see No. 3. You can set couplers on one car, or a string of cars in "delayed" position for spotting at several points beyond the uncoupler, thus cutting down on the number of ramps required. You then push car, or cars to position on layout desired for spotting. As two couplers in "delayed" position are parted, they will snap back to normal center position, ready to recouple, when you come back to pick up car, see No. 4. You can see "delayed" uncoupling has unlimited possibilities for realistic operation of your railroad - even better than prototype because Kadee couplers work automatically with nothing touching them.

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