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Permanent Delayed Uncoupler Between-The-Rail

SMOOTH ANY
IRREGULARITIES
OCCURRING AT
THESE JOINTS

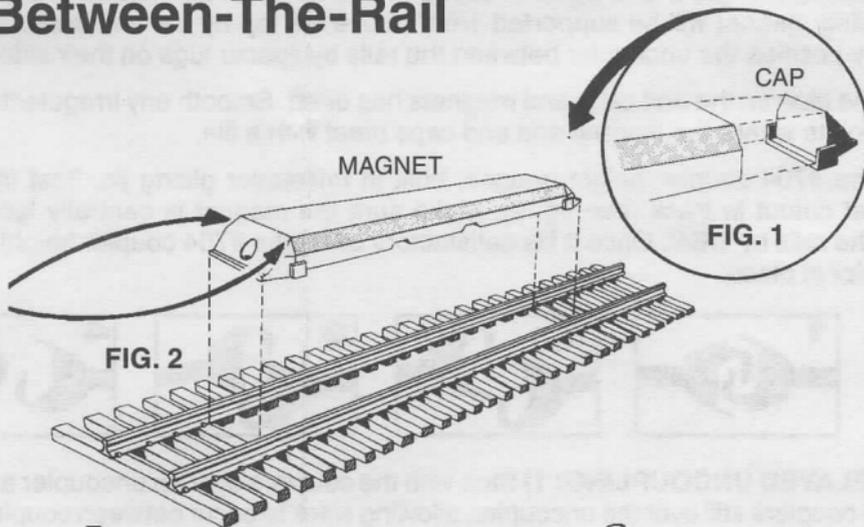
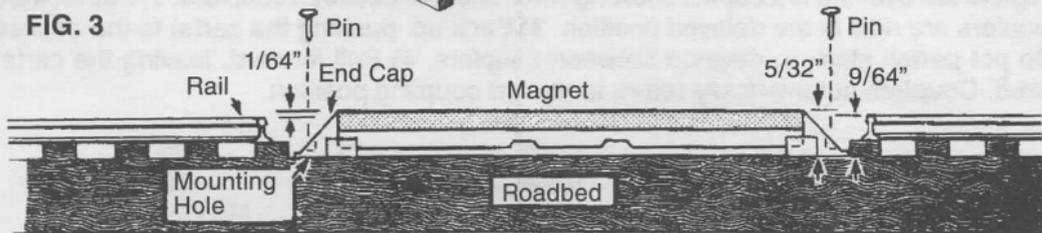


FIG. 3



Remove any flash and rough spots from parts. Place a dab of CA Glue on inside lips of end caps. Slide magnet into end cap. Pressing them so they nest down inside lip of end caps (see fig. 1) and lay aside on a flat surface for glue to dry.

Cut the ties for a length of 2" between the rail bases to a depth of 9/64" (.140") below the top of the rails (see figs. 2 and 3). The depth should be carefully held to 9/64" so top surface of uncoupling magnet will be supported 1/64" above rail top by the end caps. The end caps also centrally position the uncoupler between the rails by spacer lugs on their sides.

When the glue on the end caps and magnets has dried. Smooth any irregularities that may occur at the points where the magnet and end caps meet with a file.

Using the #704 coupler height gauges, built in uncoupler gluing jig. Test fit the uncoupler in track (see fig. 2). Make sure the magnet is centrally located and projects above the rails by 1/64". Once it fits satisfactory using the #704 coupler height gauge glue or pin uncoupler in place.



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.

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