

# TYCO

# FRIEIGHT CARS

## #9 TRUCK MOUNTED COUPLER CONVERSION (OLDER CARS)

## #28 OR #27 TRUCK MOUNTED COUPLER CONVERSION (NEWER CARS)

Older cars with metal underbody and trucks:

1. Remove trucks from car and remove existing couplers. To remove couplers, file away the bottom side of rivet burr holding Tyco coupler to coupler mounting platform. Pry away coupler cover and remove.
2. Enlarge mounting hole in coupler platform with a #52 clearance drill to allow screw provided with #9 Coupler to slip through hole. See Fig.1.
3. Assemble the #9 Coupler per coupler instructions. Place the Coupler on top of the coupler mounting platform. Insert self-tapping screw provided with #9 Couplers through hole from below and secure coupler.
4. See step 6 below.

**NOTE:** Manufacturing variations on truck assemblies may require a #27 Coupler instead of a #28 Coupler. Simply substitute #27 for #28 mentioned below. For newer cars with plastic trucks:

5. Assemble the #28 Coupler into the truck mounted coupler box according to the [20-Series Instructions](#). Refer to #213 Talgo adapter section, "Conversion Instructions for Tyco" and the #230 Insertion Pic section in the 20-Series Instructions instructions. See Fig. 2.
6. Check for correct coupler height, function, and clearance and make any adjustments necessary.

For body mounted coupler installation use a No.5® Coupler

The No.5® Coupler or #148 and a #213 Talgo adapter can be used in place of the #28 coupler. A #147 and a #213 Talgo adapter can be used in place of the #27 coupler.

#9 Coupler assembly

Tyco truck mounted coupler bracket

Enlarge hole with #52 drill to allow self-tapping screw to slip through

0-48 self-tapping screw. Insert from below through hole and screw into coupler draft gear box hole

**Fig.1**  
#9 Installation

#230 Insertion Pic

20-Series Talgo Adapter  
#213 Talgo Adapter

Truck mounted coupler box

#27 Coupler

**Fig.2**  
#28 or #27 Installation