

CHICAGO TRANSIT AUTHORITY

TRANSPORTATION DEPARTMENT

PROCEDURE FOR COUPLING AND UNCOUPLING SERIES 6000 UNITS TO FLAT CARS S109 & S110

Flat cars S109 and S110 are permanently coupled together and are equipped with a train line cable permitting train line of electrical circuits of Series 6000 units coupled to each uncoupled end. The uncoupled end of each flat car is equipped with an Ohio Brass 6000-type mechanical coupler, and an electrical coupler consisting of 56 contacts, thereby assuring electrical compatibility with Series 6000 cars.

The flat cars may be coupled to one (1) unit on each end, two (2) units on each end, or one (1) unit on one end and two (2) units on the other end. At no time are S109 and S110 to be operated on the line-of-road without at least one Series 6000 unit on the front end and one on the rear. Any Series 6000 unit may be used with S109 and S110 but such units must have no operating defects and must have operative cab signaling systems.

Series 6000 units will be drawn from the 61st Street Yard prior to their use and must be returned to 61st Street Yard immediately following their use to prevent a car service shortage to regular revenue service and to prevent damage to the batteries.

Each flat car is equipped with a hand brake, and wedges are provided for use when storing the flat cars in the yard or on inclines.

COUPLING AND UNCOUPLING PROCEDURES

COUPLING SERIES 6000 UNIT(S) TO FLAT CARS:

1. Make certain hand brake on each flat car is applied.
2. Make certain wheels are properly wedged.
3. Couple to flat cars.

NOTE: Due to a more pronounced vertical mobility of flat car draw bars (as compared to Series 6000 draw bars), a high-low condition may exist with regard to vertical draw bar alignment when attempting to couple the flat cars to a Series 6000 car. This may necessitate the use of a wedge under the draw bar of the flat car when a coupling is to be made.

- a. When flat cars are coupled to on one end only for maneuvering within the yard limits, leave jumper switch at point of coupling in the uncoupled position.
- b. When flat cars are coupled to on both ends for line-of-road operation, move jumper switches at both points of coupling to the coupled position.

UNCOUPLING SERIES 6000 FROM FLAT CARS:

If there is a Series 6000 unit(s) at each end,

- 1. Uncouple first end in normal manner.
- 2. Set hand brakes on both flat cars.
- 3. Wedge wheels if necessary
- 4. Uncouple second end in normal manner.

If there is a Series 6000 unit(s) at one end only,

- 1. Set hand brakes on both cars before attempting to uncouple Series 6000 unit(s).
- 2. Wedge wheels if necessary.
- 3. Uncouple in normal manner.

COUPLING AND UNCOUPLING PROCEDURES

COUPLING SERIES 6000 UNIT(S) TO FLAT CARS:

- 1. Make certain hand brake on each flat car is applied.
- 2. Make certain wheels are properly wedged.
- 3. Couple to flat cars.

NOTE: Due to a more pronounced vertical mobility of flat car draw bars (as compared to Series 6000 draw bars), a high-low condition may exist with regard to vertical draw bar alignment when attempting to couple the flat cars to a Series 6000 car. This may necessitate the use of a wedge under the draw bar of the flat car when a coupling is to be made.