

# Product Information

**Subject** Card Reader Mounting Instructions for 25, 30, T30, 35, T45, 50, 55 and 75 Pound Tumblers with BY, LY, NJ, NY, WY or ZY Control Suffixes



## WARNING

To reduce the risk of electric shock, fire, explosion, serious injury or death:

- Disconnect electric power to the tumbler before servicing.
- Close gas shut-off valve to gas tumbler before servicing.
- Close steam valve to steam tumbler before servicing.
- Never start the tumbler with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the tumbler is properly grounded.

W002

1. Determine card reader mounting type. Refer to *Figure 1*.

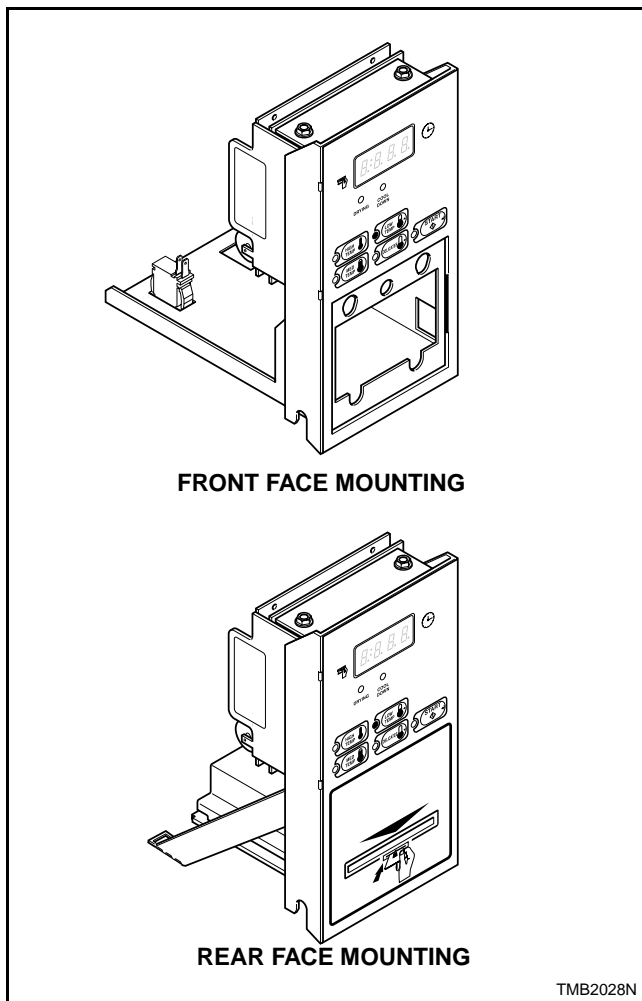


Figure 1

2. If card reader is designed to mount in a front face mounting, no change is necessary, install card reader per manufacturer's instructions.

**NOTE: The wiring diagram is located in the junction or contactor box.**

3. If the card reader is designed to mount behind the control surface, bracket configuration must be modified using the 44087901 Card Reader Adapter Plate, 70183901 Audit Switch Bracket (T30 and T45 models only), and 70334201 or 70334301 Card Reader Overlay included in the literature packet. Refer to *Figure 2*.

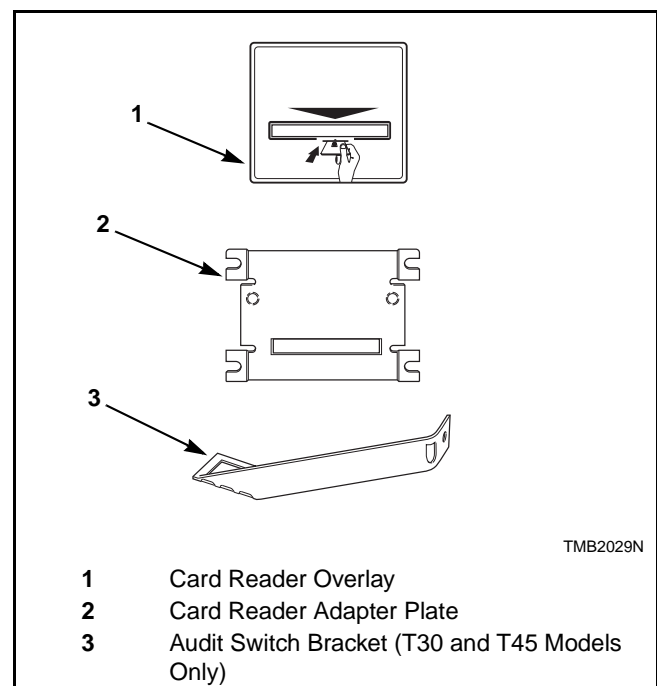


Figure 2

**IMPORTANT:** When handling electronic controls, use a ground wrist strap. Due to the sensitivity of electronic controls, careful handling is required. Wrist strap, cord and alligator clip are designed to carry away any electrostatic charge from your body and to direct charge to an available ground. By using this static protection device, potential electrostatic discharge problems associated with handling of electronic control will be minimized. Always handle electronic control by its metal edges. If a wrist strap is not available, touch tumbler while it is plugged in before handling control to dissipate any charge.

- Remove control assembly from machine. Unscrew four nuts that attach the card reader mounting plate and switch bracket to the control mounting bracket. Refer to *Figure 3*.

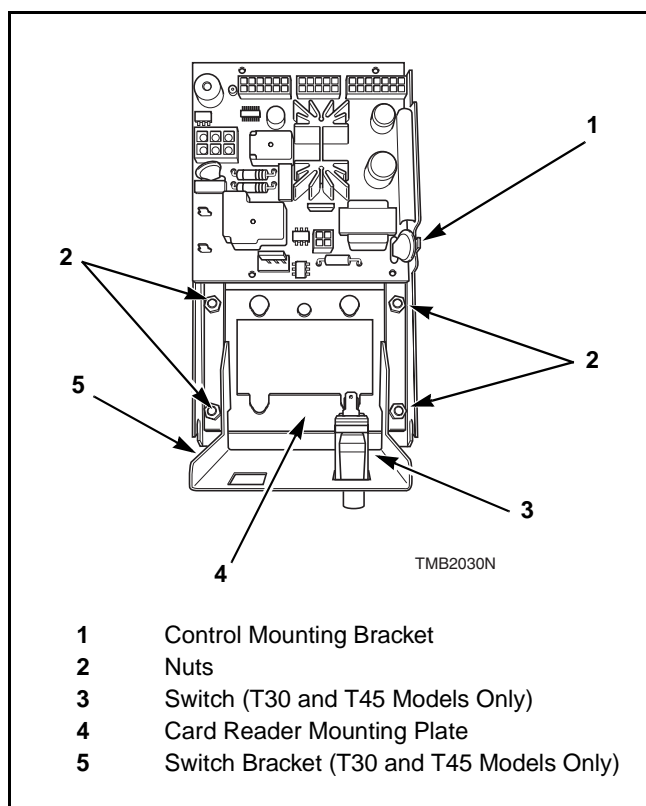


Figure 3

- Place 44087901 Card Reader Adapter Plate onto control mounting bracket, place card reader onto card reader adapter plate as per manufacturer's instructions. T30 and T45 Models Only – place 70183901 Audit Switch Bracket onto card reader adapter plate. Install four nuts from Step 3 onto studs. Refer to *Figure 4*.

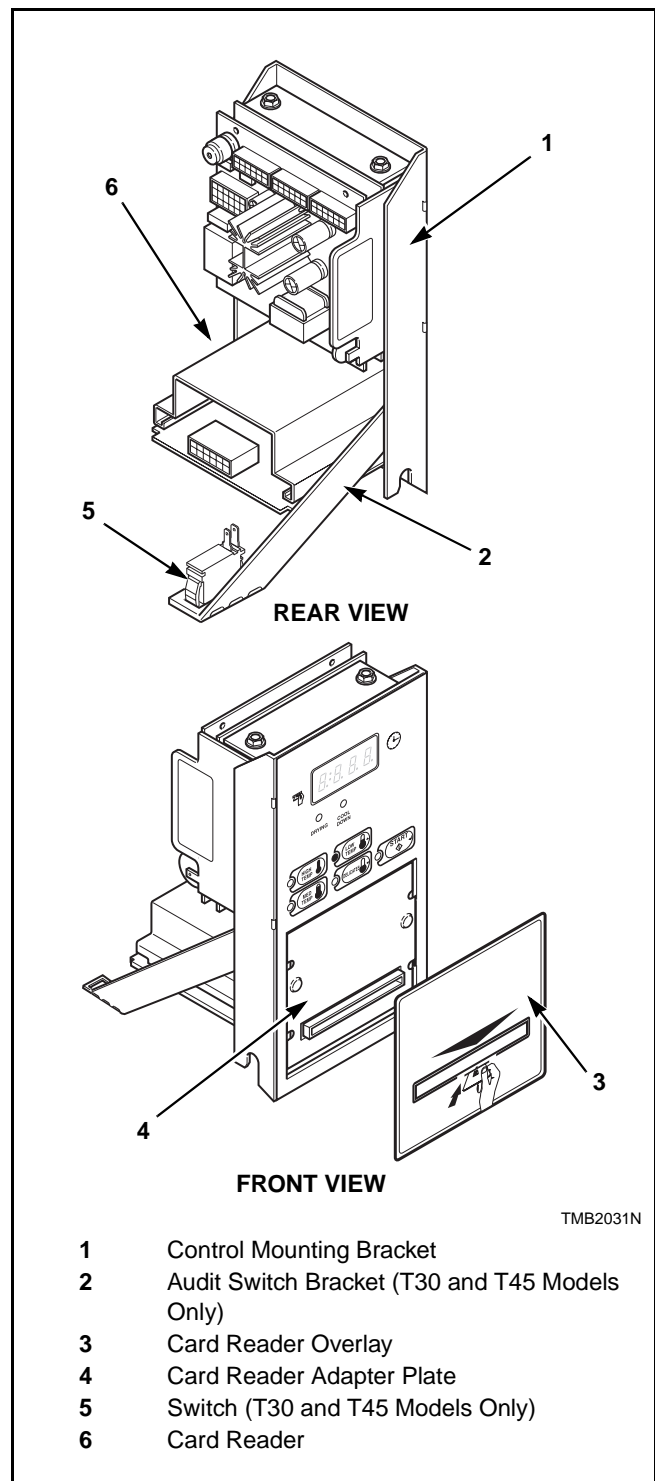


Figure 4

- T30 and T45 Models Only – remove switch from original bracket by pressing tabs in, install into audit switch bracket. Refer to *Figure 4*.
- Install 70334201 or 70334301 Card Reader Overlay by peeling off paper and applying to front of card reader adapter plate. Refer to *Figure 4*.
- Reinstall control assembly.