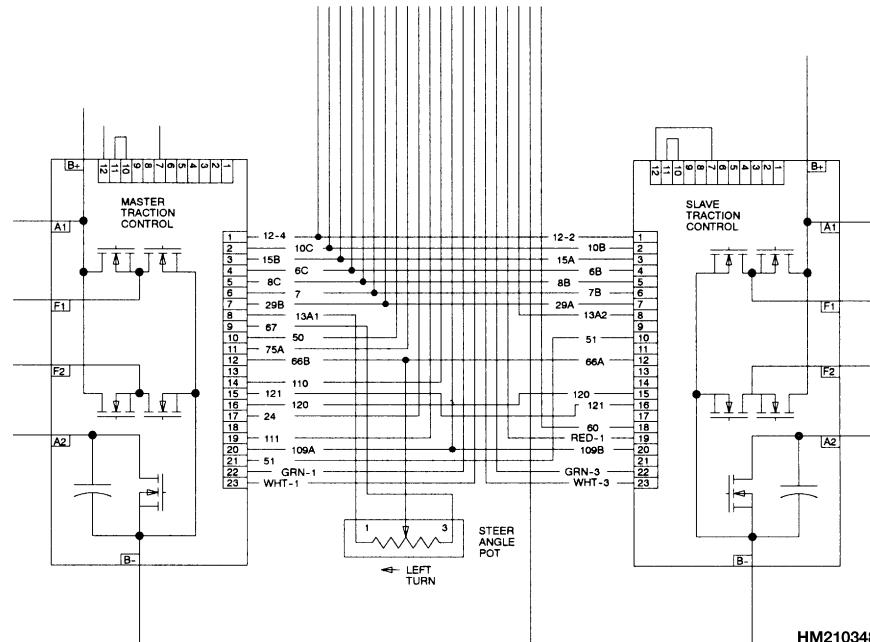


Yale Maintenance

DIAGRAMS

ERP030/035/040TGN [E807]



HM210348

SAFETY PRECAUTIONS

MAINTENANCE AND REPAIR

- When lifting parts or assemblies, make sure all slings, chains, or cables are correctly fastened, and that the load being lifted is balanced. Make sure the crane, cables, and chains have the capacity to support the weight of the load.
- Do not lift heavy parts by hand, use a lifting mechanism.
- Wear safety glasses.
- DISCONNECT THE BATTERY CONNECTOR before doing any maintenance or repair on electric lift trucks.
- Disconnect the battery ground cable on internal combustion lift trucks.
- Always use correct blocks to prevent the unit from rolling or falling. See HOW TO PUT THE LIFT TRUCK ON BLOCKS in the **Operating Manual** or the **Periodic Maintenance** section.
- Keep the unit clean and the working area clean and orderly.
- Use the correct tools for the job.
- Keep the tools clean and in good condition.
- Always use **YALE APPROVED** parts when making repairs. Replacement parts must meet or exceed the specifications of the original equipment manufacturer.
- Make sure all nuts, bolts, snap rings, and other fastening devices are removed before using force to remove parts.
- Always fasten a DO NOT OPERATE tag to the controls of the unit when making repairs, or if the unit needs repairs.
- Be sure to follow the **WARNING** and **CAUTION** notes in the instructions.
- Gasoline, Liquid Petroleum Gas (LPG), Compressed Natural Gas (CNG), and Diesel fuel are flammable. Be sure to follow the necessary safety precautions when handling these fuels and when working on these fuel systems.
- Batteries generate flammable gas when they are being charged. Keep fire and sparks away from the area. Make sure the area is well ventilated.

NOTE: The following symbols and words indicate safety information in this manual:



WARNING

Indicates a condition that can cause immediate death or injury!



CAUTION

Indicates a condition that can cause property damage!

TABLE OF CONTENTS

ERP030/035/040TGN (Prior to 8/01)	1
Figure 1. Wiring Schematic-Traction Control	1
Figure 2. Wiring Schematic-Transistor Lift Pump Control	2
Figure 3. Wiring Schematic-1-Speed Lift Pump Control	3
Figure 4. Wiring Schematic-2-Speed Lift Pump Control (Not Available on all Models)	4
Figure 5. Wiring Diagram-Seat Brake (Optional)	5
Figure 6. Wiring Diagram-Front Compartment	6
Figure 7. Wiring Diagram-Rear Compartment With Transistor Lift Pump Control	7
Figure 8. Wiring Diagram-Rear Compartment With One-Speed Lift Pump Control	8
Figure 9. Wiring Diagram-Rear Compartment With Two-Speed Lift Pump Control (Not Available on all Models)	9
Figure 10. Wiring Diagram-EE Option	10
ERP030/035/040TGN (After 8/01)	11
Figure 11. Wiring Schematic-Traction Control	11
Figure 12. Wiring Schematic-Transistor Lift Pump Control	12
Figure 13. Wiring Schematic-1-Speed Lift Pump Control	13
Figure 14. Wiring Schematic-2-Speed Lift Pump Control (Not Available on all Models)	14
Figure 15. Wiring Schematic-Seat Brake (Optional)	15
Figure 16. Wiring Diagram-Front Compartment	16
Figure 17. Wiring Diagram-Rear Compartment With Transistor Lift Pump Control	17
Figure 18. Wiring Diagram-Rear Compartment With One-Speed Lift Pump Control	18
Figure 19. Wiring Diagram-Rear Compartment With Two-Speed Lift Pump Control (Not Available On All Models)	19
Figure 20. Wiring Diagram-Rear Compartment With EE Connections	20
ERP030/035/040TGN (Options)	21
Figure 21. Wiring Schematics	21
Figure 22. Wiring Diagram (Rear Compartment)	22
Figure 23. Wiring Diagram (Front Compartment)	23
ERP030/035/040TGN (Prior to 8/03)	24
Figure 24. Hydraulic Schematic (3 Function)	24
Figure 25. Hydraulic Schematic (4 Function)	25
ERP030/035/040TGN (After 8/03)	26
Figure 26. Hydraulic Schematic (4 Function)	26

This section is for the following models:

ERP030/035/040TGN [E807]