A TEREX COMPANY

Service and Repair Manual

Z-34/22 IC

Serial Number Range
from Z3406-4800 to
Z3413-9460

This manual includes:
Repair procedures
Fault Codes
Electrical and
Hydraulic Schematics

For detailed maintenance procedures, refer to the appropriate Maintenance Manual for your machine.

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Specifications

Machine Component Weights

Drive motor	27 lbs 12 kg
Torque hub	113 lbs 51 kg
Primary boom assembly (including extension boom)	647 lbs 293 kg
Primary boom cylinder	59 lbs 27 kg
Primary boom extend cylinder	75 lbs 34 kg
Secondary boom linkage	832 lbs 377 kg
Secondary boom cylinder	54 lbs 24 kg
Jib boom assembly	53lbs 24kg
Jib boom cylinder	34 lbs 15 kg
4 ft / 1.5 m platform	99 lbs 45 kg
5 ft / 2.4 m platform	105 lbs 48 kg
Battery 12 volt	41 lbs 19 kg

Performance Specifications

Drive speed, maximum	
Stowed position	3.0 mph 5.1 km/h 40 ft / 6.1 sec 12.2 m / 6.1 sec
Raised or extended	0.6 mph 0.98 km/h 40 ft / 45 sec 12.2 m / 45 sec
Gradeability	See Operator's Manual
Braking distance, maximum	
High range on paved surface	3 to 4 ft 0.9 to 1.2 m
Joystick function speeds, maximum from platform controls	
Primary boom up	15 to 21 seconds
Primary boom down	13 to 19 seconds
Primary boom extend	14 to 20 seconds
Primary boom retract	14 to 20 seconds
Secondary boom up	15 to 21 seconds
Secondary boom down	11 to 17 seconds
Jib boom up	24 - 30 seconds
Jib boom down	15 to 21 seconds
Turntable rotate, 355°	62 to 72 seconds
Platform rotate	4 - 7 seconds

For operational specifications, refer to the Operator's Manual.

Continuous improvement of our products is a Genie policy. Product specifications are subject to change without notice or obligation.

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Schematics



Observe and Obey:

- ☑ Troubleshooting and repair procedures shall be completed by a person trained and qualified on the repair of this machine
- ☑ Immediately tag and remove from service a damaged or malfunctioning machine.
- ☑ Repair any machine damage or malfunction before operating the machine.

Before Troubleshooting:

- ☑ Read, understand and obey the safety rules and operating instructions in the appropriate operator's manual on your machine.
- ☑ Be sure that all necessary tools and test equipment are available and ready for use.

About This Section

There are two groups of schematics in this section.

Electrical Schematics

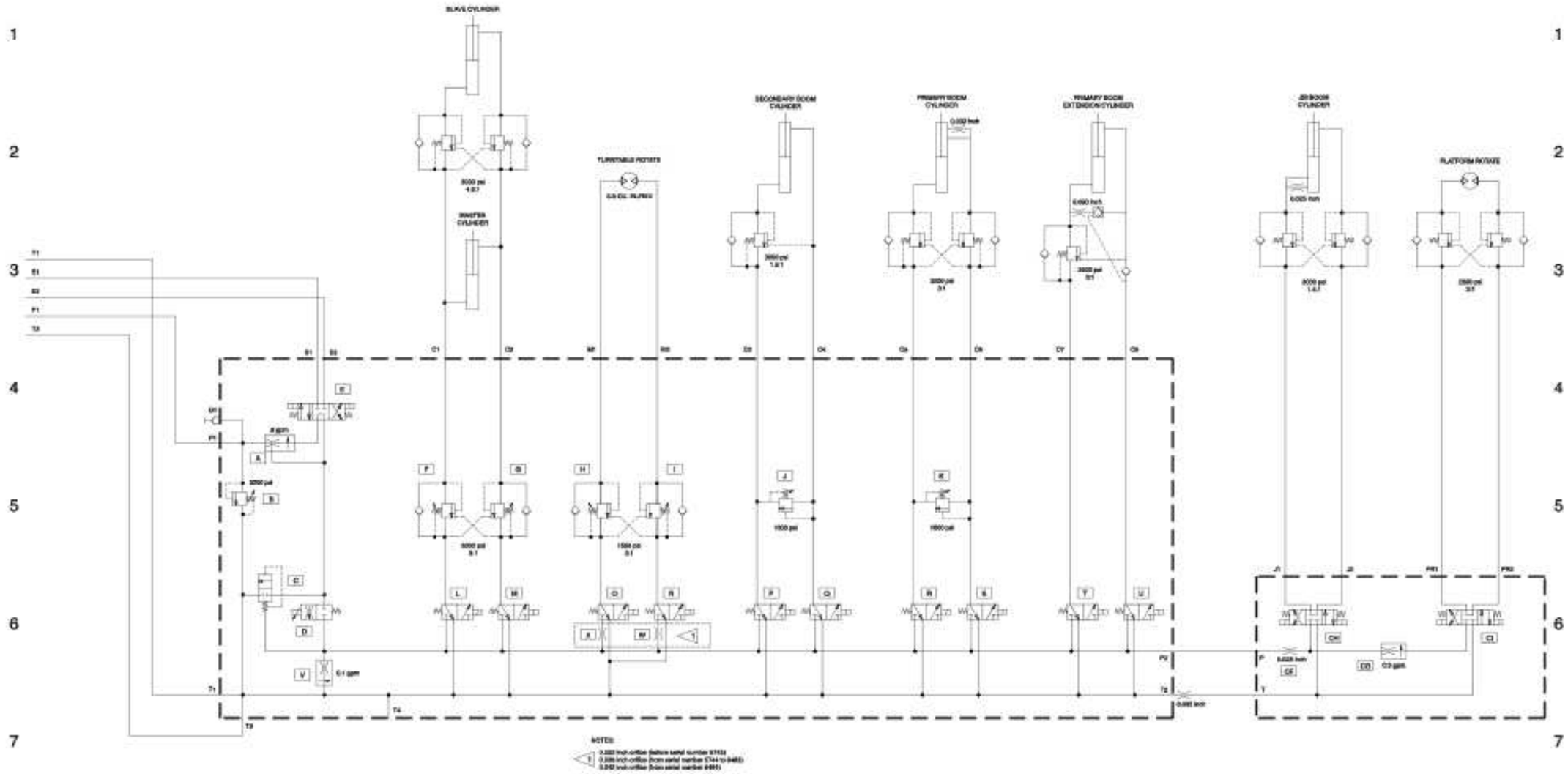
⚠WARNING Electrocution/burn hazard. Contact with electrically charged circuits could result in death or serious injury. Remove all rings, watches and other jewelry.

Hydraulic Schematics

⚠WARNING Bodily injury hazard. Spraying hydraulic oil can penetrate and burn skin. Loosen hydraulic connections very slowly to allow the oil pressure to dissipate gradually. Do not allow oil to squirt or spray.

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Hydraulic Schematic, 2WD Models

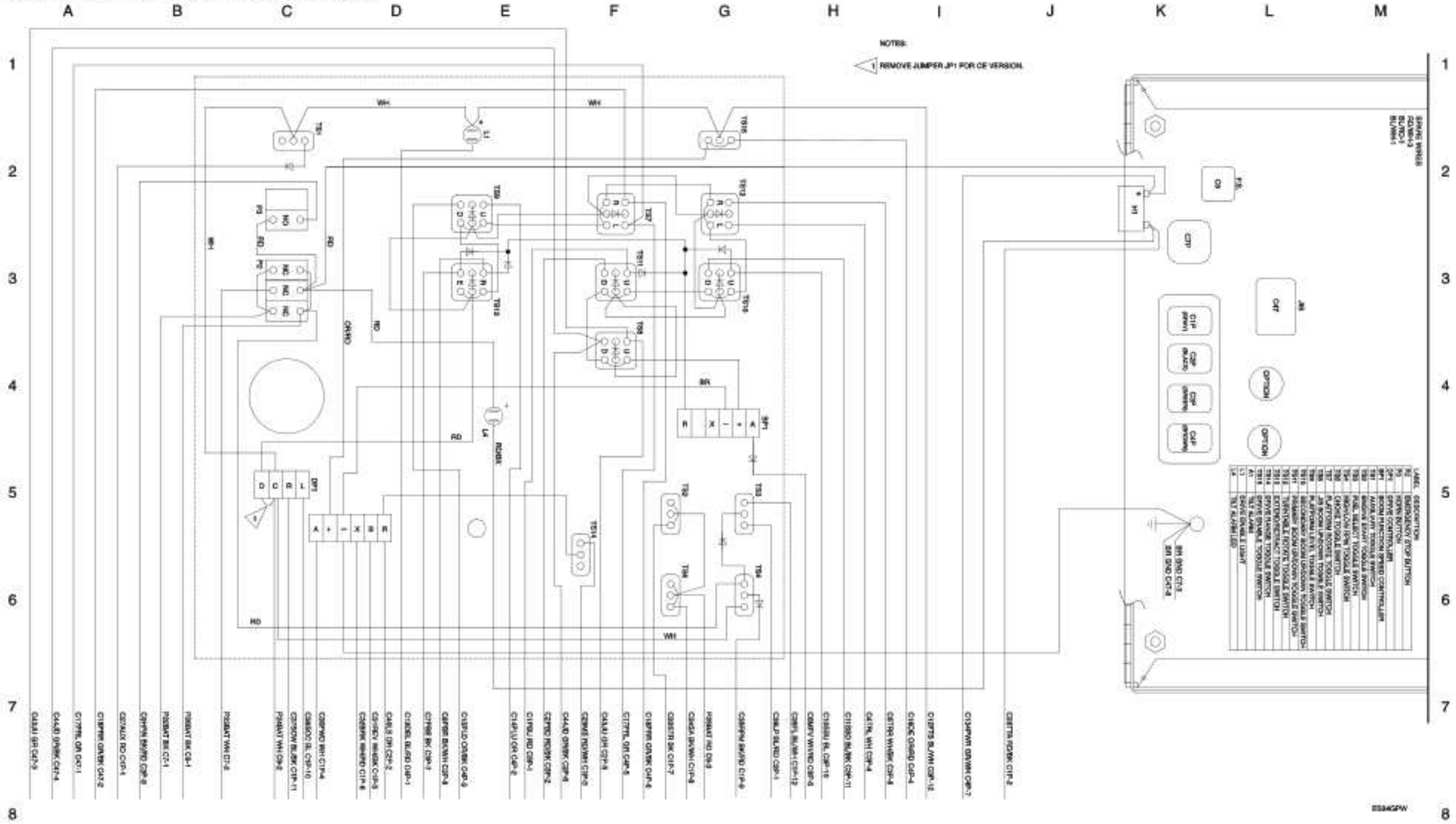


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Platform Control Box Wiring Diagram - Gasoline/LPG Models

(from serial number Z3406-4800 to Z3413-9460)



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