A TEREX COMPANY

Service Manual

GTH-1048
GTH-1056

Serial Number Range

from GTH1007A-11443 to GTH1009A-14000

from GTH1007B-7101 to GTH1007B-7251

Part No. 123701
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Table of Contents

Introduction	**Introduction**	**ii**
	Important Information	ii
	Find a Manual for this Model	ii
	Revision History	iii
	Serial Number Legend	iv
Section 1	**Safety Rules**	**v**
	General Safety Rules	v
Section 2	**Specifications**	**1**
	Machine Specifications	1
	Performance Specifications	2
	Hydraulic Specification	3
	Hydraulic Component Specifications	6
	Manifold Component Specifications	7
	Air Conditioner Refrigerant Specifications	7
	John Deere 4045HF485 Engine Specifications	8
	Perkins 1104D-E44TA Engine Specifications	9
	Dana T20000 Transmission Specifications	10
	Dana Planetary 213 Drive Axle Specifications	10
	Hydraulic Hose and Fitting Torque Specifications	11
	Torque Procedure	12
Section 3	**Scheduled Maintenance Procedures**	**13**
	Introduction	13
	Pre-Delivery Preparation Report	16
	Maintenance Inspection Report	17
	Maintenance Inspection Report	18

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Table of Contents

Checklist A Procedures **19**
A-1 Inspect the Manuals and Decals 19
A-2 Perform Pre-operation Inspection 20
A-3 Perform Function Tests 20
A-4 Lubricate the Boom 21
A-5 Perform Engine Maintenance - All Models 21
A-6 Perform Transmission Maintenance 22
A-7 Perform 30 Day Service 22
A-8 Perform Axle Maintenance 23
A-9 Perform Engine Maintenance - John Deere Models 23
A-10 Perform Axle Maintenance 24
A-11 Perform Axle Maintenance 24

Checklist B Procedures **25**
B-1 Inspect the Batteries 25
B-2 Inspect the Electrical Wiring 26
B-3 Check the Exhaust System 27
B-4 Inspect the Engine Air Filter 28
B-5 Inspect the Tires, Wheels and Lug Nut Torque 28
B-6 Perform Hydraulic Oil Analysis 29
B-7 Inspect the Fuel and Hydraulic Tank Cap Venting Systems 29
B-8 Check the Boom Wear Pads 30
B-9 Lubricate the Driveshaft 31
B-10 Perform Engine Maintenance - John Deere Models 32

Checklist C Procedures **33**
C-1 Inspect and Lubricate the Sequencing Chains 33
C-2 Perform Engine Maintenance - John Deere Models 34
C-3 Perform Axle Maintenance 35
C-4 Perform Transmission Maintenance - Dana Models 35
C-5 Perform Engine Maintenance - Perkins Models 36
C-6 Perform Engine Maintenance - Perkins Models 36
C-7 Adjust the Boom Sequencing Chains 37
C-8 Perform Axle Maintenance 38
C-9 Perform Axle Maintenance 38

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Table of Contents

Checklist D Procedures **39**
D-1 Inspect the Forks 39
D-2 Perform Transmission Maintenance - Dana Models 39
D-3 Replace Hydraulic Tank Return Filter Element 40
D-4 Perform Axle Maintenance 40
D-5 Perform Engine Maintenance - Perkins Models 41

Checklist E Procedures **42**
E-1 Test or Replace the Hydraulic Oil 42
E-2 Perform Engine Maintenance - John Deere Models 43
E-3 Perform Engine Maintenance - Perkins Models 43
E-4 Perform Engine Maintenance - Perkins Models 44
E-5 Perform Engine Maintenance - John Deere Models 44
E-6 Perform Engine Maintenance - Perkins Models 45

Section 4 **Repair Procedures** **46**
Introduction 46

Boom Components **48**
1-1 Boom Proximity Switch 48
How to Test a Proximity Switch 48
How to Adjust the Boom Angle Proximity Switch 49
How to Adjust the Boom Extend Proximity Switch 49
1-2 Boom 50
How to Replace the Boom Wear Pads 50
How to Remove the Lifting Fork Frame 50
How to Remove the Cable Bridge Assembly , GTH-1056 51
How to Replace the Retraction Chain 52
How to Replace the Extension Chains 55
How to Remove the Boom 57
How to Disassemble the Boom - GTH-1048 59
How to Disassemble the Boom - GTH-1056 61
1-3 Boom Lift Cylinder 64

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Specifications

Machine Specifications

Tires and wheels	
Tire size	14.00 x 24
Tire ply rating	12
Weight, rough terrain tire (air filled)	315 lbs 142.9 kg
Weight, rough terrain tire (foam filled)	967 ±35 lbs 439 ±16 kg
Weight, rock lug tire (foam filled)	1013 ±35 lbs 459 ±16 kg
Tire pressure (models with air-filled tires)	50 psi 3.45 bar
Lug nut torque	465 ft-lbs 630 Nm
Lug Pattern	10 x 13.189
Wheel diameter	24 in 60.1 cm
Wheel width	9 in 22.9 cm

Fluid capacities	
Fuel tank	35 gallons 132.5 liters
Hydraulic tank	44 gallons 166.5 liters
Hydraulic system (including tank)	55 gallons 208.2 liters

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Diagnostic Display

Models from Serial Number GTH1012-16292

The fault code is displayed on the LCD display which is located on the gauge cluster in the operator's compartment.

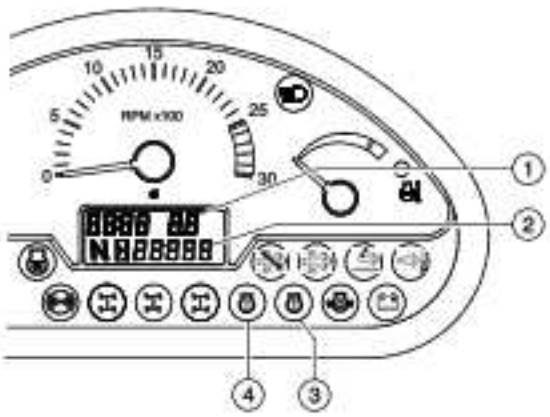
The gauge cluster also includes two warning lights.

They are an amber colored light which signals an abnormal engine condition which should be corrected as soon as possible and a red colored light which signals an engine condition which requres the operator to shut down the engine as soon as possible.

The ECM will, in some cases, automatically shut down the engine when the red light is displayed.

Active Fault Codes

Active Fault Codes will be displayed on the gauge cluster whenever a fault is detected. If multiple fault codes are detected, the fault codes will scroll on the display.



1 FMI Code
2 SPN Code
3 amber warning light
4 red stop engine light

All Models

Active Codes vs Stored Codes

Active fault codes, indicating an engine condition or conditions which have not been corrected, are displayed at the moment the fault is detected.

Stored fault codes are the cumulative history of fault codes which the ECM has detected. These fault codes may be recalled by service personnel at a later time even if the condition which caused the engine fault has ceased to exist.

Note: Additional hardware will be necessary to access stored codes on machines from serial number GTH1012-16292.

Decoding Fault Codes

The Suspect Parameter Number (SPN) and the Failure Mode Identifier (FMI), when combined, are the basis for an engine fault code. The SPN number indicates the affected component; the FMI number reveals the type of failure that has occurred. Comparing the combination of numbers to the fault code chart on the following pages will help to determine the exact engine fault and a corrective course of action. For additional information, refer to the engine operator's manual which came with your machine.

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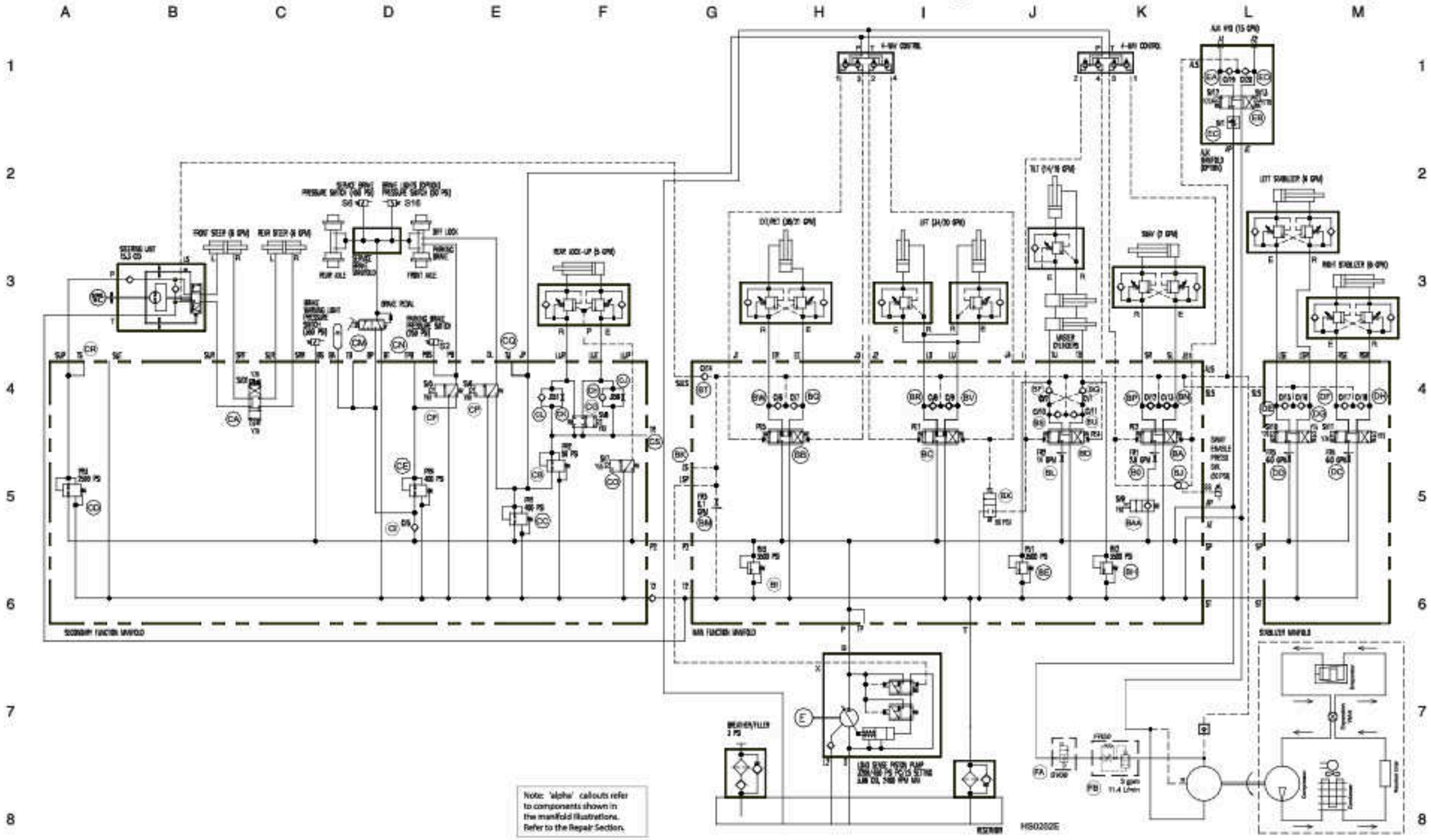
Electrical Schematic



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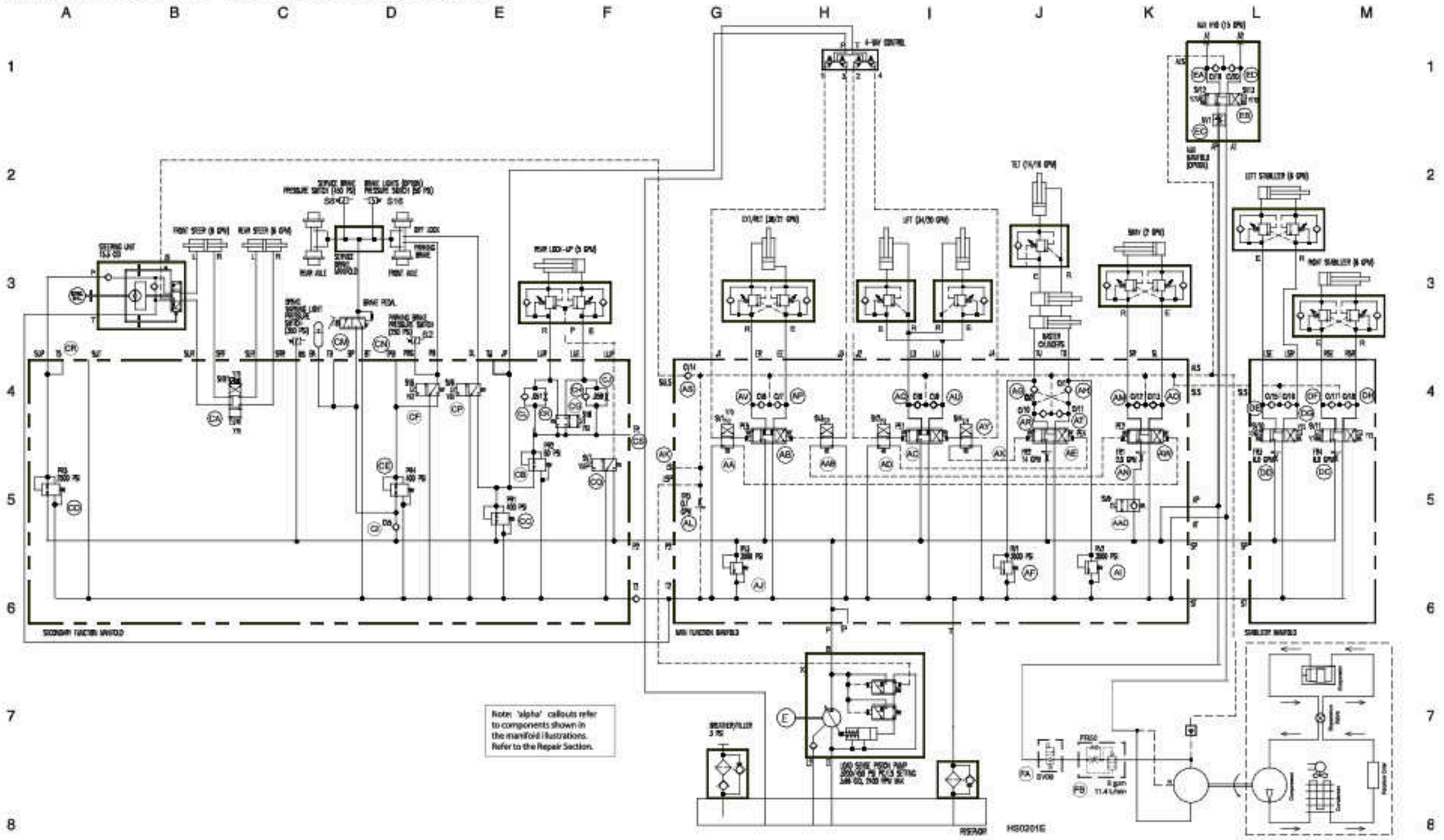
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Hydraulic Schematic - Models with Dual Joystick



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Hydraulic Schematic - Models with Single Joystick



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