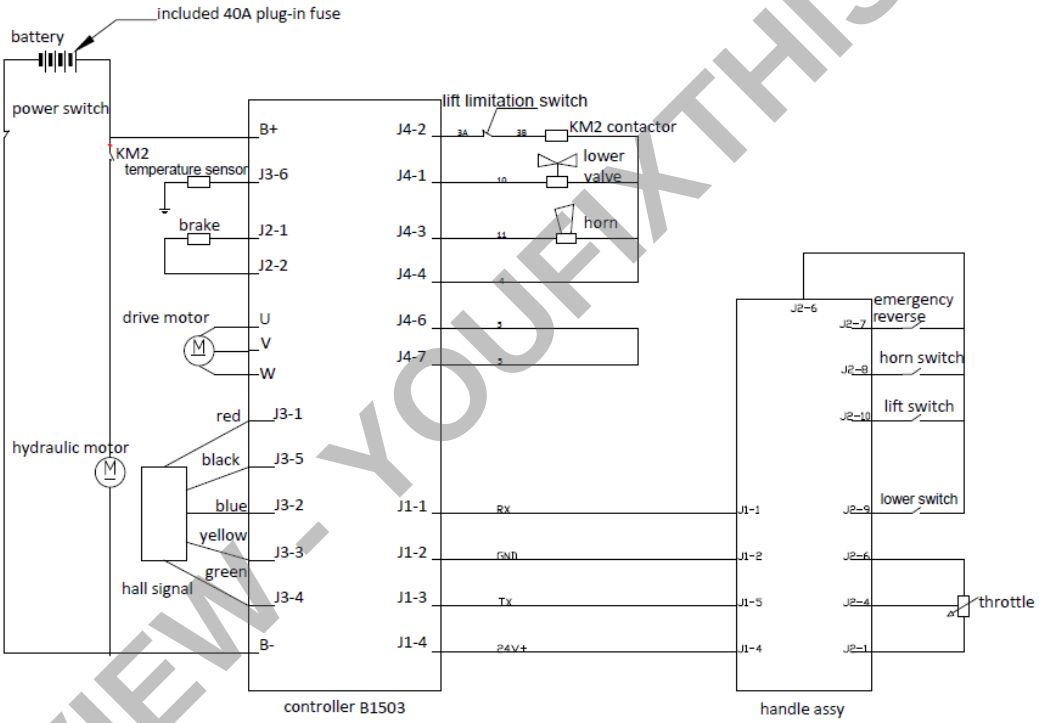


Figure 1. WIRING DIAGRAM

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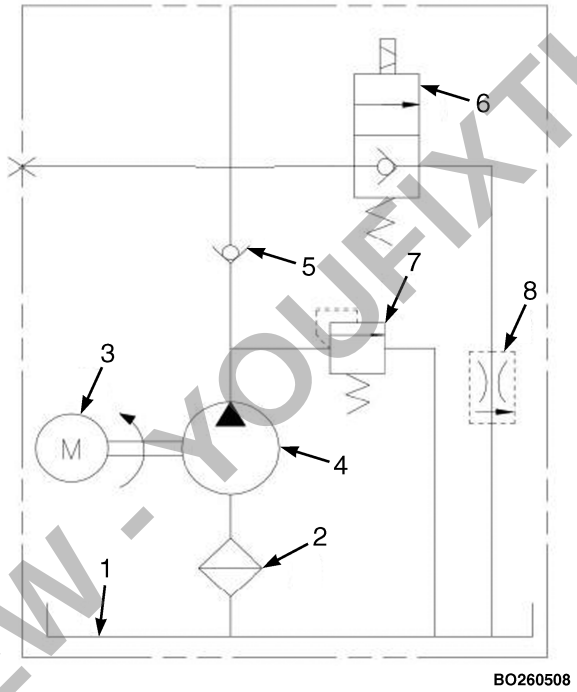


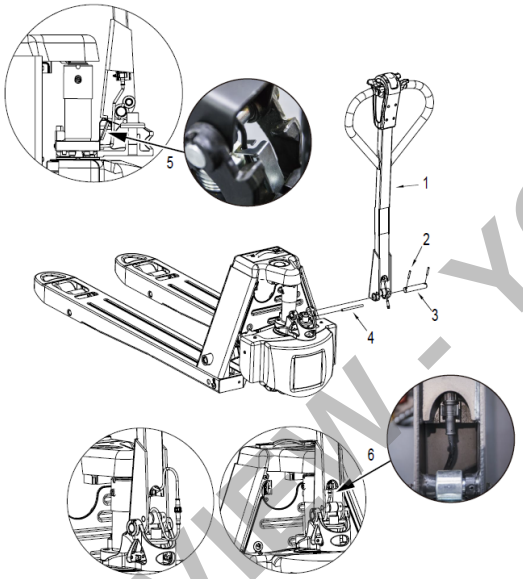
Figure 2. HYDRAULIC DIAGRAM

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FIRST TIME SETUP

INSTALL THE TILLER HANDLE

If the truck was shipped without the tiller handle installed, attach the handle to the truck.



1. Disconnect the battery.
2. Remove handle shaft (item 2) from handle socket.
3. Put the chassis connector through the wire supporting plate (item 5) and lock hole.
4. Install the handle assembly (item 1) to handle socket. Be careful to avoid damaging the wire harness.
5. Install handle shaft through the handle assembly and handle socket.
6. Install spring pin (item 3) to left side of handle shaft.
7. Press down on the handle assembly and remove spring holder (item 4).
8. Connect and lock the wire harness from handle assembly to chassis connector.
9. Fix the wire harness to wire holder (item 6).
10. Reconnect the battery.

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FAULT CODE TROUBLESHOOTING

When the controller detects a failure, a fault code is displayed on the display in the format **ERR+*nn***, where ***nn*** is the fault code number from this table.

Fault code	Description	Possible cause	Solution
SRO	Operation sequence wrong	Lift, lower, or travel commanded before handle is in the operation position	Turn truck power off and then on, and be sure to pull the handle into operating position before commanding lift, lower, or travel
11	Parameters incorrectly set	Parameters setting is incorrect	Adjust the parameters or replace the controller
12	Overcurrent	Motor short or controller fault or Hall signal interference	Replace motor or controller
14	M+ current zero bit detection error	Controller failure	Replace controller
15	— current zero bit detection error	Controller failure	Replace controller
16	Emergency reverse button has signal when turning on power	Emergency reverse button stuck or LCD monitor fault	Check or replace the belly switch

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TROUBLESHOOTING

OBSERVED SYMPTOM TROUBLESHOOTING

Observed failure	Possible cause	Solution
No power	Loose terminal or bad switch connection causes interrupted current	Check battery and wire harness terminals, tighten screw connections, and keep switch contacts clear
Lift speed not uniform	Air in the hydraulic cylinder	Bleed air from cylinder as described in cylinder replacement procedure
No lift	Hydraulic oil is low	Fill with hydraulic oil L-HV32
	Low battery	Recharge battery
	Oil leaking	Inspect and repair hydraulic system, replace seal kit, or tighten oil pile connection screws
	Overload	Reduce the load weight
	Lift limit switch failure	Repair the limit switch
Abnormal noise during lifting	Hydraulic assembly is loose	Tighten the retaining screw
	Hydraulic motor or gear pump failure	Inspect hydraulic motor and gear pump

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SPECIFICATION SHEET

The following data is according to standard GB/T27542-2011. The manufacturer reserves the right to update this data.

Technical features	Reference and unit of measurement	
Model		PC1.5 / PCS1.5UT
Drive		Electric
Operator type		Pedestrian
Load capacity / rated load	Q [kg(lb)]	1500 (3307)
Load centre	C [mm(in)]	600 (23.6)
Height, fork lowered	h13 [mm(in)]	82±2 (3.2±.08)
Wheelbase	Y [mm(in)]	1197 / 1267 (47 / 50)
Wheel		PU
Wheel size, front	mm (in)	ø140x55 (ø5.5x2.2)
Wheel size, rear	mm (in)	Single wheel: ø80x93 (ø3.1x3.7)
	mm (in)	Double wheel: ø80x70 (ø3.1x2.8)
Wheel, number front/rear (x=driven wheels)		1x+2/4
Lift	h3 [mm (in)]	115 (4.5)

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	OPERATION DESCRIPTION	MAINTENANCE INTERVALS			
		Every 8 hours 1 day	Every 1000 hours 1 year	Every 2000 hours 2 years	Every 3000 hours 3 years
CHASSIS	CHECK THE SCREWS AND BOLTS	■			
	VISUALLY CHECK THE MAIN WELDS	■			
	GENERAL CLEANING	■			
BRAKING SYSTEM	CHECK SERVICE BRAKING ACTION	■			
	CHECK REVERSE BRAKING ACTION	■			
	CHECK EMERGENCY BRAKING ACTION	■			
	CHECK RELEASE BRAKING ACTION	■			
	ELECTROMAGNETIC PARKING CHECK	■			
HYDRAULIC SYSTEM	CHECK FOR OIL LEAKS	■			
	CHECK HYDRAULIC OIL LEVEL		■		
WHEELS & TYRES	CHECK CONDITION AND WEAR OF DRIVE WHEEL (1)	■			
	CHECK CONDITION AND WEAR OF LOAD WHEELS (1)	■			
	CHECK CONDITION OF LOAD WHEEL BEARINGS (1)	■			
FORKS	CHECK CONDITONS OF FORKS	■			
LINKAGE, LEVERS	CHECK CONDITIONS OF THE LINKAGE	■			

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INSTRUCTIONS FOR USING THE CONTROLS AND INSTRUMENTS

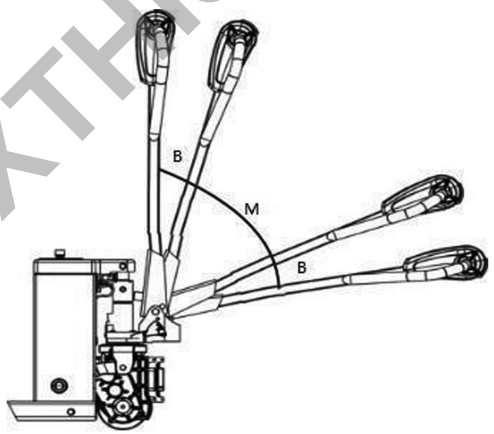
The following diagrams and instructions show the type of control or instrument, their position and the way to use them.

STEERING TILLER

The steering tiller in position “M” enables the truck to be driven. If travel, lift, or lower is commanded with the steering tiller in position "B", the truck will not respond and the display will read **SRO ERR**.

Push the throttle in the direction of desired travel to move the truck. The more the throttle is pressed, the faster the truck will move.

Operate the driving tiller to steer.



BO260489

REGENERATIVE BRAKING

- Release the throttle.
- It causes a deceleration due to braking of the electric braking of the drive motor.

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