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**MUCK-TRUCK** 

*It doesn't cost the earth to move it!*

## ***POWER BARROW 4WD***

***Owner, Operation & Parts Manual***

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**Model**

Electric Power Barrow 4WD



# CONGRATULATIONS!!

And thank you for purchasing a new Electric Power Barrow 4WD.  
We have done our utmost to ensure your Power Barrow will be the most trouble free and productive machine you will ever use. Please read the operators manual carefully before using your Power Barrow.

If you would like help or have any questions  
Please have the following relevant information before you call us

*Date of purchase:*

*Serial Number:*

*Dealer/Distributor's name:*

## **CERTIFICATE OF CONFORMITY**

THE UNDERSIGNED MUCK-TRUCK UK LTD.  
WE DECALRE THAT THE BATTERY OPERATED PEDESTRIAN DUMPER TRUCK

CATEGORY .....BATTERY POWERED—PEDESTRIAN DUMPER  
MODEL.....POWER BARROW 4WD


CONFORMS WITH THE ESSENTIAL HEALTH & SAFETY REQUIREMENTS OF THE EEC  
DIRECTIVE 2006/42/EC; ELECTROMAGNETIC COMPATIBILITY DIRECTIVE 2004/108/EC;  
LOW VOLTAGE DIRECTIVE 2006/95/EC; SAFETY OF MACHINERY EN ISO 12100-1:2003 +  
A1: 2009; MECHANICAL VIBRATION ISO 5349 AND ASSOCIATED HARMONISED STANDARDS,  
WHERE APPLICABLE. NOISE EMISSIONS CONFORM TO DIRECTIVE 2005/88/EC AMENDED  
BY 219/2009 FOR MACHINES UNDER ARTICLE 12. THE NOTIFIED BODY IS AV TECHNOLOGY  
LIMITED, AVTECH HOUSE, BIRDHALL LANE, CHEADLE HEATH, STOCKPORT, SK3, 0XX, ENGLAND

### **H.A.V.s**

Left hand—XXX m/s<sup>2</sup>  
Right hand—XXX m/s<sup>2</sup>

YEAR OF MANUFACTURE—2020

NAME & SIGNATURE OF TECHNICAL MANAGER OF MUCK-TRUCK UK LTD.



TERRY ROWLANDS

# NOTES

## HINTS FOR SAFE OPERATION

- DO** Study this manual before operating your **Power Barrow 4WD**.
- DO** Check all nuts, bolts and wheel studs weekly.
- DO** Be safety conscious and dress appropriately when operating your **Power Barrow 4WD**. Always wear substantial footwear and a hard hat in relevant areas.
- DO** Exercise extreme caution with the controls when working on steep or slippery surfaces. Especially, when people are near to the working area.
- DO** Ensure that all safety guards are in place when operating the **Power Barrow 4WD**.

## ATTENTION

- DO** Keep the **Power Barrow 4WD** free of any accumulation of dirt, grease, oil or other flammable material.
- DO** After use, connect the truck to the supplied battery charger. The battery charger should be left powered up and connected to the **Power Barrow 4WD** until the **Power Barrow 4WD** is next used. This will ensure that the batteries are fully charged when the **Power Barrow 4WD** is next to be used. Note that there is no inhibit on the drive motor whilst the battery charger is plugged into the **Power Barrow 4WD** socket.

## BE SAFE: FOLLOW INSTRUCTIONS AT ALL TIMES.

- DO NOT** Allow anyone lacking in experience to operate your **Power Barrow 4WD**.
- DO NOT** Carry “passengers” on your **Power Barrow 4WD**.
- DO NOT** Start work without completing the daily maintenance checks.
- DO NOT** Operate the **Power Barrow 4WD** without exercising appropriate safety precautions.
- DO NOT** Use other types of battery charger or batteries.

## ATTENTION

**DO NOT** Pressure wash directly onto the trucks electronics.

**BE SAFE: EXERCISE COMMON SENSE AT ALL TIMES.**

### OPERATING INSTRUCTIONS:

#### GETTING STARTED:

1. Plug your charger cable into the mains and your machine for a minimum of 4 hours.

#### TO MOVE FORWARD:

1. Switch the on/off button to ON. The switch will illuminate.
2. Select “FORWARD” on the rocker switch on the Top Controls.
3. Grip the handlebars and pull up on the left hand lever. The parking brake will be automatically released and the **Power Barrow 4WD** will start to move. The more the lever is raised, the faster the **Power Barrow 4WD** will move.

#### TO REVERSE:

1. Release the left hand throttle lever to stop the **Power Barrow 4WD**.
2. Move the rocker switch to “REVERSE”.
3. Grip the handlebars and pull up on the left hand lever. The more the lever is raised, the faster the **Power Barrow 4WD** will move.

#### TO EMPTY THE SKIP

To empty the skip, press the EMPTY rocker switch on the Top Controls, then push the button on the right handlebar.

#### TO RETURN THE SKIP

To return the skip, press RETURN rocker switch on the Top Controls, then press the button on the right handlebar.

#### TO STOP:

Release the throttle lever. The **Power Barrow 4WD** will slow down and stop. The parking brake will automatically come on.

After 10 minutes of inactivity, the controller will power down. The on/off switch must be pushed to off and back on again to activate the **Power Barrow 4WD**.

## WARRANTY

POWER BARROW Serial No—

12 Calendar months from date of sale for Consumers.

90 Days for units used in the Commercial sector.

Under the following conditions

- Routine maintenance undertaken in accordance with Owner's Manual.
- Returned defective parts are approved by Muck-truck UK Ltd.
- Machine is not abused or operated with known faults or lack of maintenance.
- Repairs are in accordance with Muck-truck UK Ltd.

## AT AN AGREED JOB RATE

Only defective parts are covered and not wearable components that necessitate replacements through normal wear and tear, i.e. puncture, chipped paint, dented hopper etc.

Muck-truck UK Ltd will not be liable for any consequential losses.

## PERSONAL CUSTOMER GUARANTEE STATEMENT

If there is any component, or components, manufactured by Muck-truck UK Ltd that are found to be defective within 12 months from the date of purchase (or 90 days in the case of a machine used for hire/commercial purposes), Muck-truck UK Ltd undertake to replace the faulty component/s free of charge, (provided that they are notified immediately upon date of failure) and photo evidence.

## THE FOLLOWING ARE NOT COVERED BY THIS GUARANTEE

1. A machine which has been subject to operation in excess of recommended capacities, misuse, negligence or accident, or has been altered or modified in a manner which has not been authorised by Muck-truck UK Ltd.
2. Wear parts, e.g. tyres, cables, batteries etc.
3. Transportation Charge— to and from the warranty repair site.

**muck-truck UK Ltd operates policy of continual development and reserves the right to alter product specification without giving prior notice.**

## SPARE PARTS LIST

DESCRIPTION	PART NO.	QTY	IMAGE
SKIP/BUCKET	PB201	1	
CHASSIS	PB202	1	
TOP CONTROL PLATE	PB203	1	
REAR AXLE BOX	PB204	1	
BATTERY COVER	PB205	1	
TRANSMISSION REINFORCEMENT PLATE	PB206	2	
CHARGER BRACKET	PB207	1	
HANDLEBARS	PB208.A L/H PB208.B R/H	2	

## SPARE PARTS LIST CONTINUED...

DESCRIPTION	PART NO.	QTY	IMAGE
ACTUATOR/RAM	PB209	1	
MAIN PIVOT BEARING	PB210	1	
12 VOLT BATTERY	PB211	2	
PG DRIVE	PB212	1	
FORWARD/REVERSE ROCKER SWITCH	PB213	1	
EMPTY/RETURN ROCKER SWITCH	PB214	1	
ON/OFF ROCKER SWITCH	PB215	1	
BATTERY GAUGE	PB216	1	

## SPARE PARTS LIST CONTINUED...

DESCRIPTION	PART NO.	QTY	IMAGE
TOP COVER COMPLETE	PB217	1	
ELECTRICAL WIRING LOOM	PB218	1	
FRONT MOTOR DRIVE CABLES	PB219	1	
BATTERY TO I-DRIVE CONNECTOR	PB220	1	
I-DRIVE TO BATTERY CONNECTOR	PB221	1	
FRONT TO REAR MOTOR DRIVE CABLES	PB222	1	
EMERGENCY RELEASE & BRAKE CABLE	PB223	1	
BATTERY EMERGENCY CABLE	PB224	1	

**SPARE PARTS LIST CONTINUED...**

DESCRIPTION	PART NO.	QTY	IMAGE
EMPTY/RETURN BUTTON	PB225	1	
EMPTY/RETURN BUTTON WITH CABLES	PB226	1	
SERIES LINK CABLE	PB227	1	
HANDLEBAR GRIP	PB228	2	
MAIN PIVOT PIN	PB229	1	
REAR AXLE SWIVEL PIN	PB230	1	
WASHER (LARGE)	PB231	1	
MAIN PIVOT HOUSING	PB232	1	

**SPARE PARTS LIST CONTINUED...**

DESCRIPTION	PART NO.	QTY	IMAGE
BOX SWIVEL ARM	PB233	1	
MAIN PIVOT ARM	PB234	1	
WHEEL 8"	PB235	4	
ELECTRIC TRANSMISSION	PB236	2	
I-DRIVE	PB237	1	
BATTERY FOAM	PB238	1 1/2	
CHARGER SOCKET	PB239	1	
CHARGER CABLE	PB240	1	

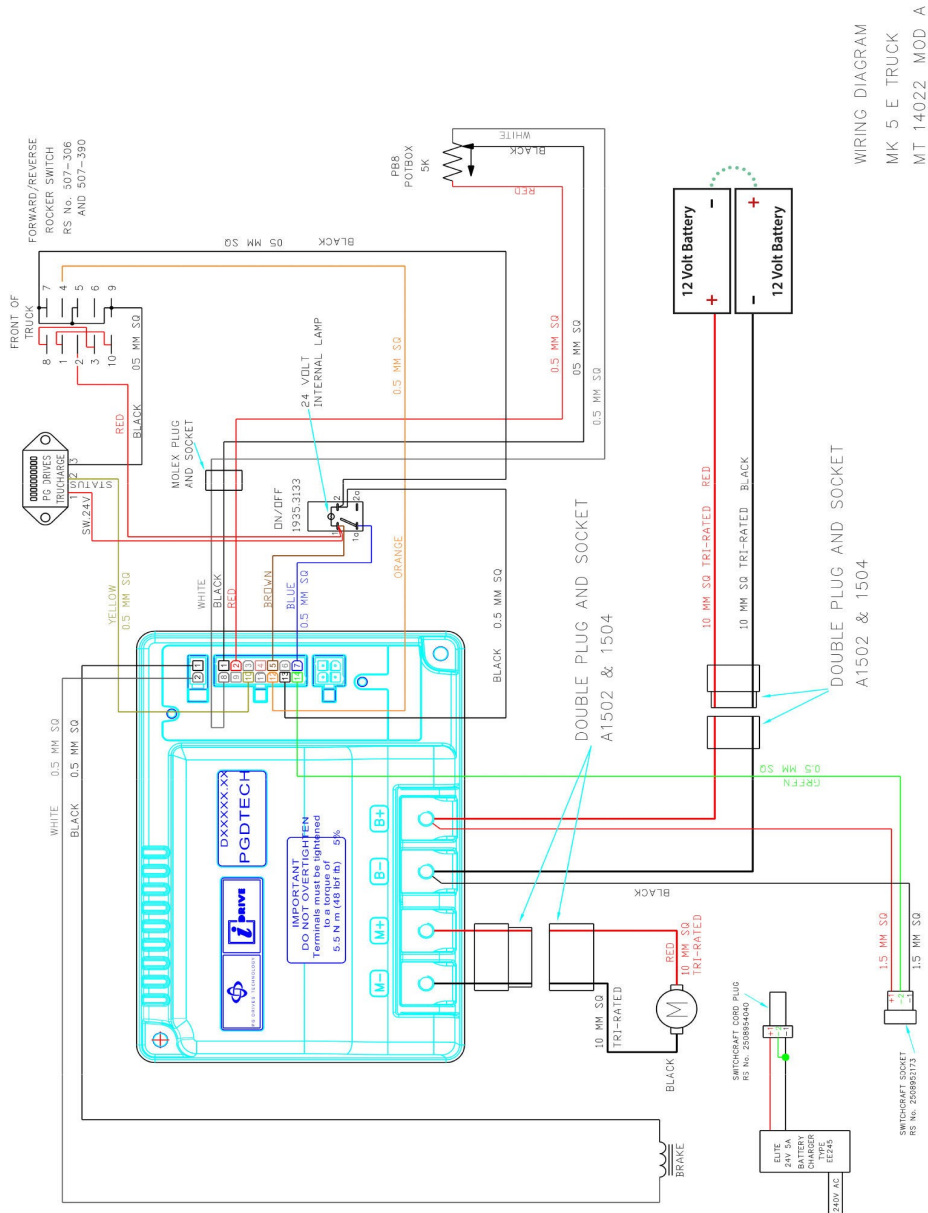
## SPARE PARTS LIST CONTINUED...

DESCRIPTION	PART NO.	QTY	IMAGE
CHARGER	PB241	1	
M5 x 30mm + WASHER NYLOC	PB242	2	
M5 x 16mm + WASHER NYLOC	PB243	8	
M5 x 12mm + WASHER NYLOC	PB244	4	
M8 x 20S + WASHER NYLOC	PB245	8	
M12 x 30 + WASHER NYLOC	PB246	12	
M10 x 30 + WASHER NYLOC	PB247	14	
M8 x 20S + WASHER NYLOC	PB248	4	

## SPARE PARTS LIST CONTINUED...

DESCRIPTION	PART NO.	QTY	IMAGE
M6 BOLT + RIVET NUT	PB249	8	
M12 x 65 + WASHER NYLOC	PB250	2	
WARNING DECAL	PB251	1	
INSTRUCTION DECAL	PB252	1	
MUCK-TRUCK LOGO	PB253	2	
POWER BARROW 4WD LOGO	PB254	2	

# ELECTRIC DIAGRAM



# MAINTENANCE

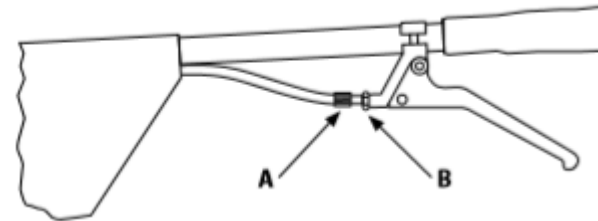
Routine checks of your Power Barrow will ensure trouble free operation with less “down” time.

Component	Daily	Weekly
State of battery charge	✓✓	
Control Cables	✓✓	
Condition of wiring		✓✓
Tyre Pressure		✓✓
All Nuts/Bolts		✓✓

**Remember** - A daily check takes only minutes but could save you hours.

Be Proud - look after your **Power Barrow 4WD**

## TO ADJUST THE CONTROL CABLES



**LOOSEN 8mm NUT “B”**  
**TURN ADJUSTER “A” COUNTER CLOCKWISE TO TIGHTEN THE CABLE. RETIGHTEN NUT “B”**