ORIGINAL INSTRUCTIONS

OPERATOR'S MANUAL

T1404 T1554 T1654 T1804B

Tractor



Contents

1	Metric and imperial units abbreviations	1_1
	To the owner	
	Product identification	1-5 1-5
	Engine identification	
	Drive line identification	1-7
	Product identification plate	1-8
	Ecology and the environment	1-9
	Noise level information sheet	
	Programming tractor functions	
	Operator's manual storage	
	Before operating the tractor	
	International symbols	
	Vibration level information sheet	
	Machine stability	. 1-17
2	SAFETY INFORMATION	
	Safety precautions	
	Personal safety	
	Personal safety	
	Safety decals	
	Prevention of fire or explosions	
	Fire extinguisher	
	Protection offered by the tractor	
	Emergency exit	
	Intended use statement	
	Instructor's seat	. 2-24
^	CONTROL O AND INICTPUMENTO	
ડ	CONTROLS AND INSTRUMENTS	
	ACCESS TO OPERATOR'S PLATFORM	
	Introduction	3-1
	Cab air filters	
	In cab storage (where fitted)	
	Cable and wiring routing	
	Mobile telephone usage	
	Implement monitor installation	
	Cab all pressursation control (where litted)	3-0
	OPERATOR'S SEAT	0.40
	Air suspension seat deluxe	
	Seat belt	. ა-14
	INOTOLIOTODIO OFAT	
	INSTRUCTOR'S SEAT	0.45
	Instructional seat	. J-15

	PASSENGER'S SEAT Passenger seat	3-16
	FORWARD CONTROLS	
	Ignition key	
	Hazard light switch	
	Lights and turn indicator lever	
	Follow me home lights	
	Windshield wiper and washer controls	
	Electronic parking brake	
	Clutch pedal	
	Steering column	
	LEFT-HAND SIDE CONTROLS	
	Hand brake	3-28
	RIGHT-HAND SIDE CONTROLS	
	Switch panel	3-29
	REARWARD CONTROLS	0.04
	Battery isolator control switch	
	Climate controls	
	Automatic Temperature Control (ATC)	
	Fast steering system (where fitted)	
	OVERHEAD CONTROLS	
	Interior light	3-38
	INSTRUMENT CLUSTER Analog Digital Instrument Cluster (ADIC)	3-39
	Gauges	
	Indicator and warning lights	
	Displays	
	Keypad enhanced	
	Selecting or changing the display settings	
	Ground speed calibration	
	Performance monitor	
	Alarm functions	
	Accessing stored fault codes	
	Warning and advisory symbols	3-64
4	OPERATING INSTRUCTIONS	
	COMMISSIONING THE UNIT Refueling the tractor	. 4-1

	STARTING THE UNIT Starting the engine	12
	Grid heater cold start aid (where fitted)	
	Fuel heater (where fitted)	
	· ·	
	Transmission oil heater (where fitted)	
	Boosting the battery	. 4-7
	STOPPING THE UNIT	
	Stopping the engine	
	Automatic engine shut down	
	Automatic engine shut down with enhanced keypad (where fitted)	. 4-9
	MOVING THE UNIT	
	Operating in cold temperatures	4-10
5	TRANSPORT OPERATIONS	
J		
	PREPARING FOR ROAD TRANSPORT	
	Carrying the tractor on a transporter	
	Secure the high visibility roof panel	. 5-1
	RECOVERY TRANSPORT	
	Freeing a stuck tractor	. 5-2
	Towing the tractor	. 5-3
6	WORKING OPERATIONS	
	GENERAL INFORMATION	
		6 1
	Variable engine power management	
	Differential lock	
	Four wheel drive	
	Front axle suspension (where fitted)	
	AUTOMATED HEADLAND FUNCTIONS	
	Quick guide	6-10
	Explanation of symbols	6-12
	Recording and replaying	6-13
	Recording a sequence	6-15
	Replaying a sequence	6-17
	TRANSMISSION	
	Transmission operation	
	Shuttle lever	
	Speed matching	
	Stationary control	
	Anti jack knife	6-23

Transmission display	
Foot throttle pedal	6-25
Hand throttle	6-25
Shuttle lever	6-26
RANGECOMMAND TRANSMISSION	
Transmission operation	
Powershift control lever	
Driving the tractor	
Speed matching	
Auto shift function	
Auto shifting field mode	
Auto shifting in road mode	
Programming reverse gear ratio	6-38
Setting the sharp shuttle function	6-40
Creeper gears (where fitted)	6-41
POWERCOMMAND TRANSMISSION	6-42
Transmission operation	
Driving the tractor	6-43
Speed matching	6-45
Auto shift function	
Auto shifting field mode	6-47
Auto shifting in road mode	6-50
Auto shifting and 'go to' modes	
Changing gear shift threshold	
Creeper gears (where fitted)	
Fault codes	
REAR POWER TAKE-OFF	
REAR POWER TAKE-OFF Power Take-Off (PTO) operating precautions	6-58
Power Take-Off (PTO) operating precautions	6-58
Power Take-Off (PTO) operating precautions	6-58 6-59
Power Take-Off (PTO) operating precautions Changing the PTO output shaft Attaching PTO driven equipment Power Take-Off (PTO) operation	6-58 6-59 6-60
Power Take-Off (PTO) operating precautions Changing the PTO output shaft Attaching PTO driven equipment Power Take-Off (PTO) operation Two speed PTO systems	6-58 6-59 6-60 6-65
Power Take-Off (PTO) operating precautions Changing the PTO output shaft Attaching PTO driven equipment Power Take-Off (PTO) operation Two speed PTO systems Three speed PTO systems	6-58 6-59 6-60 6-65 6-66
Power Take-Off (PTO) operating precautions Changing the PTO output shaft Attaching PTO driven equipment Power Take-Off (PTO) operation Two speed PTO systems Three speed PTO systems Ground drive PTO (where fitted)	6-58 6-59 6-60 6-65 6-66 6-67
Power Take-Off (PTO) operating precautions Changing the PTO output shaft Attaching PTO driven equipment Power Take-Off (PTO) operation Two speed PTO systems Three speed PTO systems Ground drive PTO (where fitted) External PTO controls	6-58 6-59 6-60 6-65 6-66 6-67 6-68
Power Take-Off (PTO) operating precautions Changing the PTO output shaft Attaching PTO driven equipment Power Take-Off (PTO) operation Two speed PTO systems Three speed PTO systems Ground drive PTO (where fitted)	6-58 6-59 6-60 6-65 6-66 6-67 6-68
Power Take-Off (PTO) operating precautions Changing the PTO output shaft Attaching PTO driven equipment Power Take-Off (PTO) operation Two speed PTO systems Three speed PTO systems Ground drive PTO (where fitted) External PTO controls Auto PTO operation	6-58 6-59 6-60 6-65 6-66 6-67 6-68
Power Take-Off (PTO) operating precautions Changing the PTO output shaft Attaching PTO driven equipment Power Take-Off (PTO) operation Two speed PTO systems Three speed PTO systems Ground drive PTO (where fitted) External PTO controls Auto PTO operation FRONT POWER TAKE OFF	6-58 6-59 6-60 6-65 6-66 6-67 6-68 6-70
Power Take-Off (PTO) operating precautions Changing the PTO output shaft Attaching PTO driven equipment Power Take-Off (PTO) operation Two speed PTO systems Three speed PTO systems Ground drive PTO (where fitted) External PTO controls Auto PTO operation	6-58 6-59 6-60 6-65 6-66 6-67 6-68 6-70
Power Take-Off (PTO) operating precautions Changing the PTO output shaft Attaching PTO driven equipment Power Take-Off (PTO) operation Two speed PTO systems Three speed PTO systems Ground drive PTO (where fitted) External PTO controls Auto PTO operation FRONT POWER TAKE OFF	6-58 6-59 6-60 6-65 6-66 6-67 6-68 6-70
Power Take-Off (PTO) operating precautions Changing the PTO output shaft Attaching PTO driven equipment Power Take-Off (PTO) operation Two speed PTO systems Three speed PTO systems Ground drive PTO (where fitted) External PTO controls Auto PTO operation FRONT POWER TAKE OFF	6-58 6-59 6-60 6-65 6-66 6-67 6-68 6-70
Power Take-Off (PTO) operating precautions Changing the PTO output shaft Attaching PTO driven equipment Power Take-Off (PTO) operation Two speed PTO systems Three speed PTO systems Ground drive PTO (where fitted) External PTO controls Auto PTO operation FRONT POWER TAKE OFF Power Take-Off (PTO) operation	6-58 6-59 6-60 6-65 6-66 6-67 6-68 6-70
Power Take-Off (PTO) operating precautions Changing the PTO output shaft Attaching PTO driven equipment Power Take-Off (PTO) operation Two speed PTO systems Three speed PTO systems Ground drive PTO (where fitted) External PTO controls Auto PTO operation FRONT POWER TAKE OFF Power Take-Off (PTO) operation REAR HITCH Electronic Draft Control (EDC)	6-58 6-59 6-60 6-65 6-66 6-67 6-68 6-70
Power Take-Off (PTO) operating precautions Changing the PTO output shaft Attaching PTO driven equipment Power Take-Off (PTO) operation Two speed PTO systems Three speed PTO systems Ground drive PTO (where fitted) External PTO controls Auto PTO operation FRONT POWER TAKE OFF Power Take-Off (PTO) operation REAR HITCH	6-58 6-59 6-60 6-65 6-66 6-67 6-68 6-70
Power Take-Off (PTO) operating precautions Changing the PTO output shaft Attaching PTO driven equipment Power Take-Off (PTO) operation Two speed PTO systems Three speed PTO systems Ground drive PTO (where fitted) External PTO controls Auto PTO operation FRONT POWER TAKE OFF Power Take-Off (PTO) operation REAR HITCH Electronic Draft Control (EDC) Electronic Draft Control (EDC) operation	6-58 6-59 6-60 6-65 6-66 6-67 6-68 6-70
Power Take-Off (PTO) operating precautions Changing the PTO output shaft Attaching PTO driven equipment Power Take-Off (PTO) operation Two speed PTO systems Three speed PTO systems Ground drive PTO (where fitted) External PTO controls Auto PTO operation FRONT POWER TAKE OFF Power Take-Off (PTO) operation REAR HITCH Electronic Draft Control (EDC) Electronic Draft Control (EDC) operation	6-58 6-59 6-60 6-65 6-66 6-67 6-68 6-70 6-72
Power Take-Off (PTO) operating precautions Changing the PTO output shaft Attaching PTO driven equipment Power Take-Off (PTO) operation Two speed PTO systems Three speed PTO systems Ground drive PTO (where fitted) External PTO controls Auto PTO operation FRONT POWER TAKE OFF Power Take-Off (PTO) operation REAR HITCH Electronic Draft Control (EDC) Electronic Draft Control (EDC) operation	6-58 6-59 6-60 6-65 6-66 6-67 6-68 6-70 6-72 6-74 6-74

Auxiliary front couplers (where fitted)	6-89
HYDRAULIC REMOTE CONTROL VALVES	
Remote control valves	6-92
Operating with remote valves	6-95
Connecting remote cylinders	
Hydraulic oil level when using remote hydraulic equipment	
ELECTRO-HYDRAULIC REMOTE CONTROL VALVES (w	vhere fitted)
Mid mount remote valves	,
Joystick operation with a front loader	6-103
HYDRAULIC POWER BEYOND PORT	
Hydraulic power beyond for external services with mechnical-hydraulic valves	
Valivos	
THREE POINT HITCH Attaching three-point hitch equipment	6-100
Lift rod adjustment	
Top link adjustment	
Flexible link end adjustment	
Quick hitch	
Linkage stabilizer adjustment	
DRAWBARS AND TOWING ATTACHMENTS	
Drawbars and towing attachments	6-123
Swinging drawbar	
Rear trailer hitches	
TRAILER BRAKING SYSTEMS	
Air-operated trailer brakes	
Trailer brake bias control	
Auxiliary air supply connector (where fitted)	
Hydraulic trailer brakes	6-139
WHEEL TRACK ADJUSTMENT	
Front wheel track adjustment	
Front wheel alignment	
Steering stops	
Front axle oscillation stops	
Front fender	6-146
REAR WHEEL TRACK ADJUSTMENT	
Flange type axle (where fitted)	
Bar type axle (where fitted) Dual rear wheels (where fitted)	
Duai real wheels (where litten)	0-15/

BALLASTING AND TIRES	
Ballasting and tires	
Iron weights (where fitted)	
Liquid ballast	6-166
Tire inflation	
Tire pressures and permissible loads	6-169
AUXILIARY POWER CONNECTIONS	
Diagnostic socket	
Trailer socket electrical	
Trailer socket electrical	6-1/3
ELECTRICAL POWER CONNECTORS	
External power connectors	
External power connectors	
7 MAINTENANCE	
GENERAL INFORMATION	
Introduction	7-1
Fuel requirement	
Biodiesel fuel	
Protective devices	
Lubricants and coolants	
Tractor jacking points	
General specifications	
Organic Acid Technology (OAT) coolant	
MAINTENANCE CHART	
Maintenance chart	7-14
WHEN THE WARNING LIGHT IS ON	
Change the engine air cleaner outer element	
Drain the fuel system water separator	7-18
Check the brake fluid level	7-19
EVERY 10 HOURS OR EACH DAY	
Check the engine coolant level	7-20
Check the engine oil level	7-21
Check the remote control valve drain bottles	7-21
Check windscreen washer reservoir	
FIRST 50 HOURS	
Service operations	7-23
EVERY 50 HOURS	
Clean the cab air filter	7-24
Clean the cooler section	7-26
All grease fittings	
Check the front and the rear wheel nuts	

Check the tire pressures and the tire condition	. 7-34
EVERY 100 HOURS	
Inspect the poly V-belt	
Inspect the compressor drive belt	. 7-35
EVERY 300 HOURS	
Check the battery fluid level	
Adjust the hand brake	
Check the transmission oil level, the rear axle oil level and the hydraulic oil level	
Check the 4WD front axle differential oil level and the hubs oil level	
Check the front PTO gearbox oil level	. 7-40
EVERY 600 HOURS	
Change engine oil and filter	
Change the first stage fuel filter and the fuel filter element	
Change the engine air cleaner outer element	
Change the charge pump oil filter	
Check the engine air intake connections	
Check the transmission oil cooler pipe couplings	
Clean the DEF/AdBlue in-line filter	. 7-40
EVERY 1200 HOURS OR ANNUALLY	
Change the cab air filters	
Change the main oil filter cartridge	
Change the 4WD differential oil	
Change the 4WD planetary hub oil	
Change the front PTO gearbox oil	
Grease the real axie shall bearing	. 1-33
EVERY 1200 HOURS OR EVERY 2 YEARS	
Change the engine air cleaner inner element	
Check the valve tappet clearance	
Change the air brake drier reservoir	
Change the poly V-belts	
Change the transmission oil, the rear axle oil and the hydraulic oil	. 7-59
EVERY 1800 HOURS OR EVERY 2 YEARS	
Change the engine breather filter	
Change the DEF/AdBlue® main filter	. 7-61
EVERY 3600 HOURS OR EVERY 4 YEARS	
Change the engine coolant fluid - OAT type coolant	. 7-62

	EVERY 36 MONTHS Check the air-conditioning system	. 7-67
	GENERAL MAINTENANCE Cleaning the tractor. Check first stage fuel filter and water trap. Bleeding the fuel system Hydraulic system hoses Check the brake pedal latching/unlatching Adjust the cab suspension (where fitted). Adjust the automatic pickup hitch Headlight and work light adjustment Bulb replacement Fuses and relays Protecting the electronic and electrical systems during battery charging or welding. Battery removal and installation	7-70 7-71 7-71 7-72 7-73 7-74 7-75 7-79
	STORAGE Tractor storage Preparation for use after storage	
8	TROUBLESHOOTING FAULT CODE RESOLUTION Introduction	. 8-1
	ALARM(S) Fault codes and symbols	. 8-2
	SYMPTOM(S) Engine Transmission Hydraulics Three-point hitch Brakes Cab Electrical system	8-5 8-5 8-6 8-6
9	SPECIFICATIONS General dimensions Maximum operating angle Maximum permissible operating weights Capacities Engine Fuel system Air cleaner system Cooling system	9-5 9-6 9-7 9-8 9-9

	Rear Power Take-Off (PTO)	9-10
	Front Power Take-Off (PTO)	9-10
	Hydraulic system	9-11
	Three-point hitch	9-11
	Three-point hitch front	
	Front remote control valve couplers	9-13
	Brakes	
	Steering	
	Electrical equipment	9-15
	Ground speed chart Semi-Powershift transmission	9-16
	Ground speed chart Full-Powershift transmission	9-18
	Minimum hardware tightening torques	
1C	ACCESSORIES Radio (where fitted). External rear view mirrors Auxiliary headlights Rotating beacon Front-end loader fixation points	10-1 10-3 10-4
11	FORMS AND DECLARATIONS CE declaration of conformity Service record 1st 50 hour, Owner copy	11-3
	Service record 1st 50 hour, Dealer copy	11-5

1 - GENERAL INFORMATION

Metric and imperial units abbreviations

Typical applications	Metric unit		Imperial unit	
	Name	Symbol	Name	Symbol
A (1 1)				
Area (Land area)	T		T	
	hectare	ha	acre	ac
	square meter	m²	square foot	ft²
			square inch	in²
	square millimeter	mm²	square inch	in²
Electricity	<u> </u>			-
	ampere	A	ampere	A
	volt	V	volt	V
	microfarad	μF	microfarad	μF
	ohm	Ω	ohm	Ω
Force				
	kilonewton	kN	pound	lb
	newton	N	pound	lb
Force per length				
	newton per meter	N/m	pound per foot	lb/ft
			pound per inch	lb/in
Frequency				
	megahertz	MHz	megahertz	MHz
	kilohertz	kHz	kilohertz	kHz
	hertz	Hz	hertz	Hz
Frequency - Rotational				
•	revolution per minute	r/min	revolution per minute	r/min ^a
	· ·	rpm	1	rpm
Length				
	kilometer	km	mile	mi
	meter	m	foot	ft
	centimeter	cm	inch	in
	millimeter	mm	inch	in
	micrometer	μm		
Mass				
	kilogram	kg	pound	lb
	gram	g	ounce	OZ
	milligram	mg		
Mass per mass				
•	milligram per kilogram	mg/ kg	parts per million	ppm
Power		<u> </u>		
	kilowatt	kW	horsepower	Нр
	watt	W	Btu per hour	Btu/hr
			Btu per minute	Btu/min
Pressure or stress (Force	ner area)		Dia por minuto	Diamin
	kilopascal	kPa	pound per square inch	psi
	Miopascai	Ni a	inch of mercury	inHg
	nascal	Pa	inch of water	inH2O
	pascal	MPa		
	megapascal		pound per square inch	psi
	millibar	mbar		
	bar	bar		

1 - GENERAL INFORMATION

Typical applications	Metric unit		Imperial unit	
	Name	Symbol	Name	Symbol
Temperature (other than the				
	degrees Celsius	°C	degrees Fahrenheit	°F
Time				_
	hour	h	hour	h
	minute	min	minute	min
	second	S	second	S
Torque (includes bending r	noment, moment of force, an	d moment of a		
	newton meter	N m	pound foot	lb ft
			pound foot	lb in
Velocity				
	kilometer per hour	km/h	mile per hour	mph
	meter per second	m/s	foot per second	ft/s
	millimeter per second	mm/s	inch per second	in/s
	meter per minute	m/min	foot per minute	ft/min
Volume (includes capacity)				
	cubic meter	m³	cubic yard	yd³
			-	cu yd
	liter	[cubic inch	in³
	liter	I	US gallon	US gal
			UK gallon	UK gal
			US quart	US qt
			UK quart	UK qt
	milliliter	ml	fluid ounce	fl oz
Volume per time (includes discharge and flow rate)				
,	cubic meter per minute	m³/min	cubic foot per minute	ft³/min
	liter per minute	l/min	US gallon per minute	US gal/min
	milliliter per minute	ml/min	UK gallon per minute	UK gal/min
Sound power level and sound pressure level				
•	decibel	dB	decibel	dB

To the owner

GENERAL INFORMATION

This manual has been prepared to assist you in the correct procedure for running- in, driving and operating and for the maintenance of your new tractor. Read this manual carefully. Your tractor is intended for use in normal and customary agricultural applications.

If at any time you require advice concerning your tractor, do not hesitate to contact your authorized dealer. He has factory trained personnel, genuine manufacturers' parts and the necessary equipment to carry out all your service requirements.

Your tractor has been designed and built to give maximum performance, economy and ease of operation under a wide variety of operating conditions. Prior to delivery, the tractor was carefully inspected, both at the factory and by your dealer to make sure that it reaches you in optimum condition. To maintain this condition and make sure trouble- free operation, it is important that the routine services, as specified on **Maintenance chart** of this manual, are carried out at the recommended intervals.

Operator's manual storage

The Operators Manual supplied with your tractor is an important source of information and should be stored safely.

The manual is written specifically for your tractor so it is important that you make a note of the print number and issue date which can be found on the cover. In the event the manual is lost or damaged it can be replaced with the correct version.

A storage pocket for the Operators Manual can be found on the rear of the seat. The manual should be kept in this pocket at all times when not in use.

The table of contents page(s) are provided to have an overview of main manual's topics. A detailed alphabetical index is available at the end of this manual for locating specific items.

Cleaning the tractor

Your tractor is a state-of-the-art machine with sophisticated, electronic controls. This should be taken into consideration when cleaning the tractor, particularly if using a high pressure washer. Even though every precaution has been taken to safeguard electronic components and connections, the pressure generated by some of these machines is such that complete protection against water ingress cannot be guaranteed.

When using a high pressure washer, do not stand too close to the tractor and avoid directing the jet at electronic components, electrical connections, breathers, seals, filler caps, etc. Never direct a cold water jet at a hot engine or exhaust.

Failure to comply with these rules will render the warranty null and void.

Safety

Pages 1--8 to 1--36 inclusive list the precautions to be observed to ensure your safety and the safety of others. Read the safety precautions and follow the advice offered before operating the tractor.

First 50 hour service

In section 8, at the back of this manual, you will find the **50 h** service reports.

NOTICE: It is important the **50 h** service is carried out as recommended to make sure your tractor provides optimum performance and efficiency.

After you have operated the tractor for 50 h, take your tractor, together with this manual, to your dealer. He will then perform the factory recommended 50 h service and complete the service report sheets (see Service record 1st 50 hour, Owner copy and Service record 1st 50 hour, Dealer copy). The first sheet (see Service record 1st 50 hour, Owner copy) is your copy of the service performed. The second sheet (see Service record 1st 50 hour, Dealer copy) is the dealer's copy and should be removed by the dealer after the service has been carried out. make sure that you and the dealer sign both copies.

Service parts

It should be pointed out that genuine parts have been examined and approved by the company. The installation and/or use of 'non-genuine' products could have negative effects upon the design characteristics of your tractor and thereby affect its safety. The company is not liable for any damage caused by the use of 'non-genuine' parts and accessories. Only genuine replacement parts should be used. The use of non-genuine parts may invalidate legal approvals associated with this product.

It is prohibited to carry out any modifications to the tractor unless specifically authorized, in writing, by the after sales service department of the company.

Warranty

Your tractor is warranted according to legal rights in your country and the contractual agreement with the selling dealer. No warranty shall, however, apply if the tractor has not been used, adjusted and maintained according to the instructions given in the operator's manual.

Use of biodiesel fuels

NOTICE: Before using biodiesel fuels in your tractor, see the information on **Biodiesel fuel**regarding the storage and use of bio diesel fuels.

Emission controls

NOTE: The engine and fuel system on your machine is designed and built to government emissions standards. Tampering by dealers, customers, operators and users is strictly prohibited by law. Failure to comply could result

in government fines, rework charges, invalid warranty, legal action and possible confiscation of the machine until rework to original condition is completed. Engine service and/or repairs must be done by a certified technician only!

Product identification

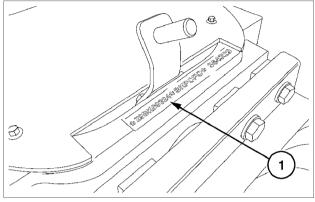
The tractor and major components are identified using serial numbers and/or manufacturing codes.

Tractor identification data must be supplied to the dealer when requesting parts or service and will also be needed to aid in identifying the tractor if it is ever stolen.

The following provides the locations of the identification data.

Tractor Identification

The serial number and model identification information is stamped on the front support (1). These numbers are also repeated on the vehicle identification plate reproduced above.



BRL6441B

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