



NICOLA'S MACHINERY PTY LTD

• 40 Donegal Road Lonsdale, SA 5160 • ABN: 14617249831 • Phone Number: 0872286817

Quality Guarantee Manual

TRIDENT TRACTORS

NICOLA'S MACHINERY PTY LTD

Table of Contents

I. Users' Instructions	1
II. New Vehicle Handover Service Sheet	3
III. Mandatory Maintenance Service Sheet	4
IV. Periodic Maintenance Service Sheet.....	7
V. Repair Record Sheet.....	8
VI. Tractor Maintenance CARDS.....	9

I. Users' Instructions

Dear users,

Thank you for your trust in Nicola's Machinery Pty Ltd (Nicola's Machinery). To make you correctly, reasonably and efficiently use the tractors, please read the following clauses first:

(I) Special tips:

1. Before using the tractors, please read this Manual carefully, no matter you have operational experience or not. This will help you operate the tractors more reasonably and efficiently;
2. To create more economic benefits and prolong the service life of tractors, before using the products, please read this Manual and other operation instructions of supporting engines and agricultural implements carefully, and operate, maintain and repair the tractors strictly as per the provisions in the instructions, so as to achieve the highest performance of tractors;
3. To avoid any influence on tractor performance or any accident, do not arbitrarily refit the tractors;
4. Due to the relatively large differences in regional agricultural technology conditions and emergency situations, the use, parameters, supporting agricultural implements and operation efficiency recommended in this Manual may vary. Please select according to actual situations;
5. The tractors can be operated, maintained and repaired only by personnel familiar with tractor features and with relevant safe operation knowledge;
6. The operators must have the driving licenses of agricultural vehicles and tractors issued by local transport departments.
7. To avoid any accident, the local safety regulations and road traffic rules shall be observed at any time.

(II) Users' responsibilities:

1. The users shall use and operate the products within the specified capacity and application ranges for the products;
2. The users shall correctly service the products within the maintenance cycle;
3. In case of any product failures, the users shall timely notify the local dealers and keep the products in repair status. For any damages of other components due to operation of products after the failures, the users shall be responsible for the damaged components;
4. When applying for quality guarantee, the users shall provide the copies of complete purchasing vouchers and new vehicle handover service sheets.

(III) Disclaimers:

1. Premature wear and failures due to improper maintenance or use beyond the specified range;
2. Failures and damages due to arbitrary refitting and improper dismantling;
3. Failure to provide copies of product purchasing vouchers and new vehicle handover service sheets;
4. Any traffic accidents or operation safety accidents due to driving, operation or using, or any associated losses thereof, such as property loss or casualties;
5. Damages due to force majeure;
6. Unauthorized repair;
7. Failures due to the repair by using non-Nicola's Machinery original spare parts;

8. Wear parts or maintenance parts in principle (except the defects existing before delivery), including but not limited to the following parts:

clutches, clutch friction plates, brake linings, filters (air, engine oil and fuel oil), common electric devices, bearings, rubber parts, sealing elements, glasswork, oil fluids (except those approved for repair) and fuel spray nozzles.

9. Products that are repaired after full damage.

This Manual will be subject to modification due to product improvement without prior notice.

Nicola's Machinery Pty Ltd

II. New Vehicle Handover Service Sheet

No:

Dear users,

Thank you for purchasing TRIDENT tractors. _____ is providing you the vehicle handover service. Please inspect and accept as per the following contents.

If you are familiar with the content, please give a "✓" in the column of "confirm", otherwise, give a "×".

S/N	Item						Confirm
1	Get familiar with the inspection positions and standards of various oil items.						
2	Grasp the operation, inspection and adjustment methods for both free stroke of clutch and free stroke of brake.						
3	Grasp the maintenance methods and precautions of air filters, engine oil filters, diesel oil filters and hydraulic oil filters.						
4	Get familiar with the running-in requirements of tractors, as well as the repair and maintenance methods and requirements.						
5	Grasp the content, methods and requirements of daily repair of tractors.						
6	Correctly grasp the operation methods of tractors.						
7	Correctly grasp the operation methods of four-wheel drive, power output, hydraulic output and pneumatic brake.						
8	Grasp the adjustment method of suspension system.						
9	Check and understand the meanings of all safety signs.						
10	Check that the serial number of vehicle and the serial number of engine are consistent with those on the vehicle certificate.						
Name of owner		Operator		Tel.		E-mail	
Address						Date of procurement	
Product model		Serial number of vehicle		Engine model		Serial number of engine	
Sales department				Service personnel		Date of service	
User's commitment	I have grasped the operation and maintenance requirement of the product. I will operate and maintain the products strictly as per the requirements. I will make a phone call in case of any problem.						
Comments:							
Signature of owner or operator (seal) _____/_____/_____							
Service rating (tick "✓" in the <input type="checkbox"/> by the owner)		<input type="checkbox"/> Satisfied		<input type="checkbox"/> Nearly satisfied		<input type="checkbox"/> not satisfied	

III. Mandatory Maintenance Service Sheet-50H

No:

Dear users,

Thank you for purchasing TRIDENT tractors. _____ is providing you the mandatory maintenance service, and the following maintenance services will be provided (**refer to the maintenance section in the manual of instructions for the maintenance method**). If any item has been completed, give a "✓", otherwise, give a "×".

S/N	Item	Confirm
1	Clean the air filter.	
2	Replace the engine lubricating oil, diesel oil filter element and engine oil filter element, and clean the oil pan and engine oil screen.	
3	Replace the gearbox, front drive axle, steering system and hydraulic system oil, and clean the filters, housing or oil tank by cleaning fluid.	
4	Clean the engine cooling system.	
5	Inspect the toe-in of front wheel and the free strokes of clutch and brake, and make adjustments if necessary.	
6	Inspect and tighten all external fasteners.	
7	Inject lubricating grease at all lubricating points of tractor.	

Note:

If all above mentioned items are not completed, the mandatory maintenance service sheet is invalid.

Name of owner		Operator		Tel.		E-mail	
Address						Date of procurement	
Product model		Serial number of vehicle		Engine model		Serial number of engine	
Sales department				Service personnel		Date of service	

Comments:

Signature of owner or operator (seal)

____/____/____

Service rating (tick "✓" in the <input type="checkbox"/> by the owner)	<input type="checkbox"/> Satisfied	<input type="checkbox"/> Nearly satisfied	<input type="checkbox"/> not satisfied
---	------------------------------------	---	--

III. Mandatory Maintenance Service Sheet-200H

No:

Dear users,

Thank you for purchasing TRIDENT tractors. _____ is providing you the mandatory maintenance service, and the following maintenance services will be provided (**refer to the maintenance section in the manual of instructions for the maintenance method**). If any item has been completed, give a "✓", otherwise, give a "×".

S/N	Item	Confirm
1	Clean and maintain oil basin of oil-bath air filter.	
2	Replace the engine lubricating oil, diesel oil filter element and engine oil filter element, and clean the oil pan and engine oil screen.	
3	Clean oil inlet filter and scavenge filter of lifter, replace the filter core if necessary.	
4	Clean and maintain the core of dry-type air filter, replace it if necessary.	
5	Inspect the toe-in of front wheel and the free strokes of clutch and brake, and make adjustments if necessary.	
6	Inspect and tighten all external fasteners.	
7	Inject lubricating grease at all lubricating points of tractor.	

Note:

If all above mentioned items are not completed, the mandatory maintenance service sheet is invalid.

Name of owner		Operator		Tel.		E-mail	
Address						Date of procurement	
Product model		Serial number of vehicle		Engine model		Serial number of engine	
Sales department				Service personnel		Date of service	

Comments:

Signature of owner or operator (seal)

____/____/____

Service rating (tick "✓" in the <input type="checkbox"/> by the owner)	<input type="checkbox"/> Satisfied	<input type="checkbox"/> Nearly satisfied	<input type="checkbox"/> not satisfied
---	------------------------------------	---	--

III. Mandatory Maintenance Service Sheet-400H

No:

Dear users,

Thank you for purchasing TRIDENT tractors. _____ is providing you the mandatory maintenance service, and the following maintenance services will be provided (**refer to the maintenance section in the manual of instructions for the maintenance method**). If any item has been completed, give a "✓", otherwise, give a "×".

S/N	Item	Confirm
1	Clean and maintain oil basin of oil-bath air filter.	
2	Replace the engine lubricating oil, diesel oil filter element and engine oil filter element, and clean the oil pan and engine oil screen.	
3	Clean oil inlet filter and scavenge filter of lifter, replace the filter core if necessary.	
4	Clean and maintain the core of dry-type air filter, replace it if necessary.	
5	Inspect the toe-in of front wheel and the free strokes of clutch and brake, and make adjustments if necessary.	
6	Inspect and tighten all external fasteners.	
7	Inject lubricating grease at all lubricating points of tractor.	
8	Clean and maintain breather filter core and the filter of hydraulic steering tank.	
9	Check oil level of transmission case and front drive axle, add oil if necessary.	
Note:		
If all above mentioned items are not completed, the mandatory maintenance service sheet is invalid.		
Name of owner	Operator	Tel.
Address	Date of procurement	
Product model	Serial number of vehicle	Engine model
Sales department	Service personnel	Date of service
Comments:		
Signature of owner or operator (seal) ____/____/____		
Service rating (tick "✓" in the <input type="checkbox"/> by the owner)	<input type="checkbox"/> Satisfied	<input type="checkbox"/> Nearly satisfied <input type="checkbox"/> not satisfied

IV. Periodic Maintenance Service Sheet

Dear users,

To keep your machines in good conditions, we are going to provide the comprehensive inspection and maintenance of machines according to the maintenance requirements. Please prepare the oils, filter elements and other consumable materials for replacement. Thank you.

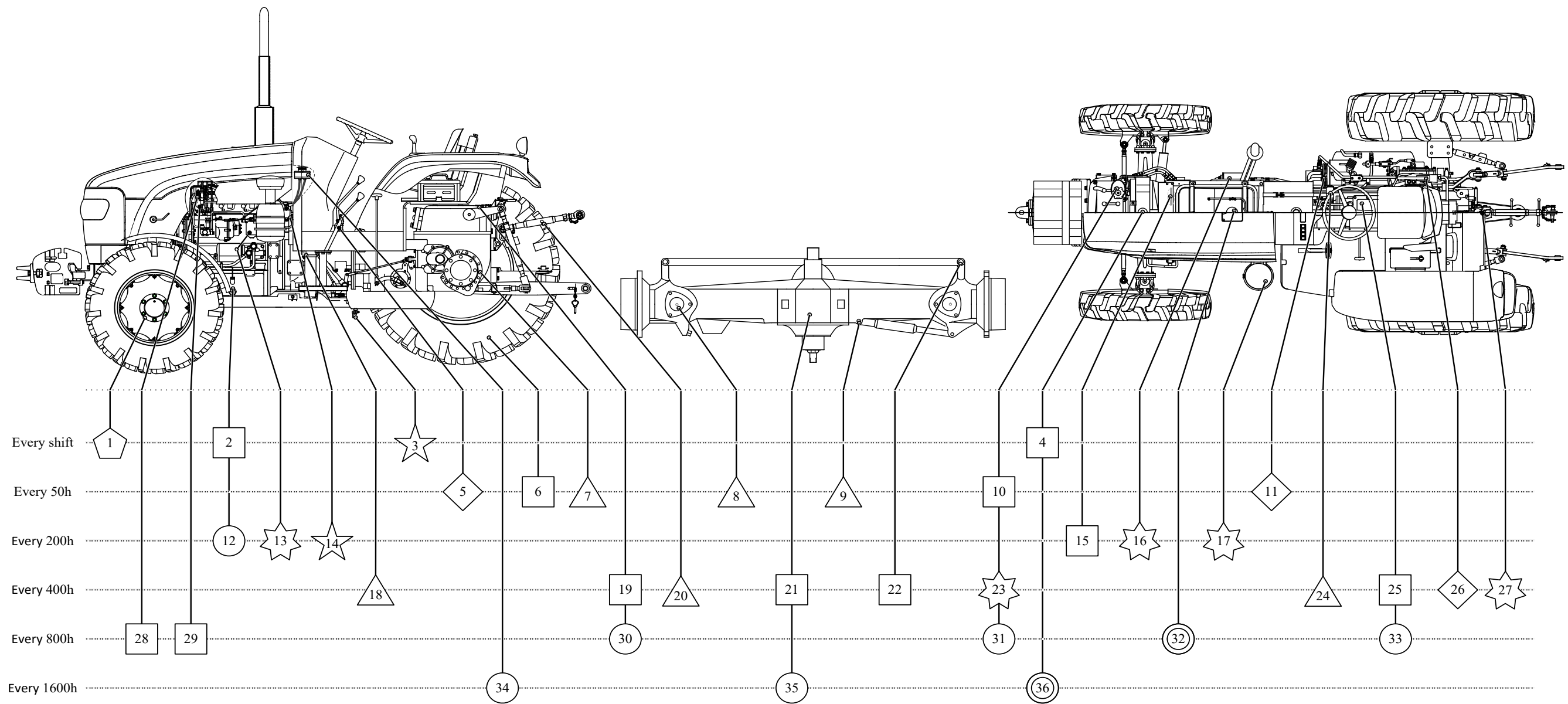
No:

S/N	Working hours of vehicle	Maintenance item	Service personnel	Signature of user	Time of service
1					
2					
3					
4					
5					
6					
7					
8					
9					

V. Repair Record Sheet

S/N	Repair record	Repair personnel	Time of repair
1			
2			
3			
4			
5			
6			
7			
8			

Maintenance Interval for Trident Wheel Tractor



NO.	Name	NO.	Name	NO.	Name	NO.	Name	NO.	Name	NO.	Name
1	External connecting bolt	7	Drive shaft housing tube (TA/TE)	13	Fuel/Lubricates filter	19	Hydraulic system oil	25	Transmission system oil	31	Steering system oil (TA/TB/TD/TF/TG)
2	Engine lubricant oil	8	Front axle	14	Sediment cup (TA/TB/TE);Oil-water separator (TD/TF/TG)	20	Suspension	26	Parking brake free stroke	32	Fuel tank
3	Air reservoir drain valve	9	Steering cylinder	15	Fan belt tension	21	Front axle oil	27	Respirator	33	Transmission system oil
4	Radiator cooling fluid	10	Steering system oil	16	Hydraulic suction/return oil filter element	22	Toe-in	28	Gap engine intake/exhaust valve	34	Brake tank oil (TD/TF/TG)
5	Main/auxiliary clutch free stroke	11	Service brake free stroke	17	Air filter (Cleaned every shift under severe working environment)	23	Steering system filter element (TA/TB/TD/TF/TG)	29	Fuel spray pressure for injector	35	Front axle oil
6	Front/rear tire pressure	12	Engine lubricant oil	18	Main /auxiliary clutch shaft	24	Brake pedal hub	30	Hydraulic oil	36	Cooling system

Symbol description: ☆ --Maintain ○ --Change □ --Inspect ⬠ --Tighten ★ --Clean ⊙ --Cleanout ◇ --Adjust ▲ --Add grease

The chart is a schematic of the maintenance location, and the specific maintenance item is subject to the instruction