Nutri-Tiller 955 (8, 12, 16-Row) Applicator

PIN YHD083158 and after

OPERATOR'S MANUAL

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CASE IH AGRICULTURE

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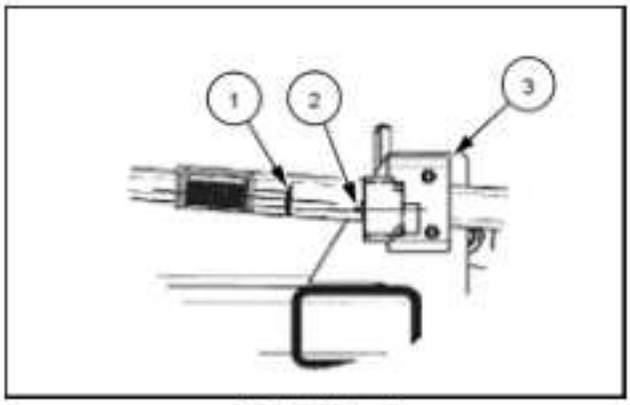
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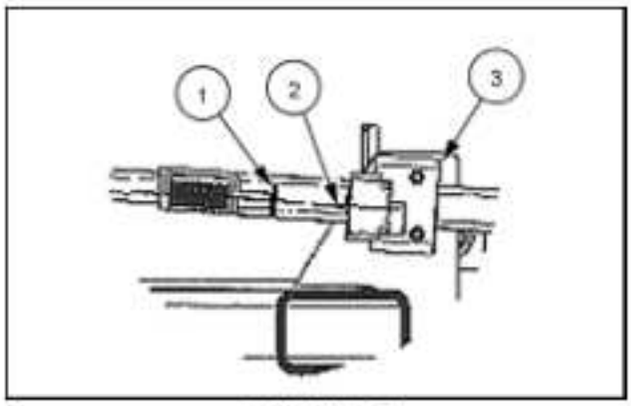
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Single point depth control setting



GOIL15TIL0302AA 1

Valve actuator pin misaligned



GOIL15TIL0304AA 2

Valve actuator pin aligned

Reference	Description
1	Depth control valve plunger
2	Valve actuator pin
3	Single point depth control guide

NOTICE: *The center lines of the valve actuator pin and the depth control valve plunger must be parallel for proper operation.*

1. To adjust the alignment, loosen the **10 mm** (**3/8 in**) hardware on single point depth control guide **(3)**.
2. Rotate the single point depth control guide and depth control valve assembly until the valve actuator pin **(2)** and depth control valve plunger **(1)** are parallel with each other.
3. Tighten the **10 mm** (**3/8 in**) lock nuts to the specifications listed in "Torque" starting on **5-4**.

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MAINTENANCE CHART

Lubrication and maintenance chart

Maintenance action	Check	Grease	Cleaning	Lubricate	Page no.
After first 10 hours and periodically					
Frame bolts	x				5-14
Wheel bolt torque	x				5-15
Every 50 hours					
Depth adjustment tube assembly		x			5-16
Walking tandem pivot		x			5-16
Rear hitch drawbar flipper		x			5-17
Coulter arm		x			5-17
High Clearance Shank (HCS)™			x		5-18
Berm Build'r™ assembly			x		5-18
Berm Condition'r™ assembly			x		5-19
Every 100 hours					
Wheel Hub		x			5-20
Coulter hub bearing			x		5-20
Every 250 hours or yearly					
Walking tandem pivot	x				5-21
Wheel Hub				x	5-22
Repack wheel bearing			x		5-23
Repack Berm Build'r™ bearing			x		5-26
Repack coulter hub bearing			x		5-28
Yearly					
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Repack walking tandem pivot bearings	x				5-31

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Tractor requirements

Engine horsepower	
8-row	**112 – 149 kW** (**150 – 200 Hp**)
12-row	**168 – 224 kW** (**225 – 300 Hp**)
16-row	**224 – 298 kW** (**300 – 400 Hp**)
Remote hydraulic valves	Two hydraulic remote valves
Tractor hydraulic pressure	**16547 kPa** (**2400 psi**) minimum
Tractor electrical system	**12 V** with seven-pin connector
Operating speed	**8 – 11.3 km/h** (**5 – 7 mph**) recommended
Operating depth	
Knives	**127 – 203 mm** (**5 – 8 in**)
Coulters	**51 – 104 mm** (**2 – 4 in**)

Frame and hitch

NOTE: *Category III, IV and V hitches are interchangeable on the implement hitch. Contact your dealer for more information.*

Hitch	
Category III clevis for 8-row	**44 mm** (**1-3/4 in**) hitch pin max
Category IV clevis for 12-row and 16-row	**51 mm** (**2 in**) hitch pin max
Pull frame	**102 x 203 mm** (**4 x 8 in**) rectangular tubes
Main frame	**102 x 152 mm** (**4 x 6 in**) rectangular tubes
Wing frame	**102 x 152 mm** (**4 x 6 in**) rectangular tubes

Transport size

Implement size	Shank spacing	Working width	Transport width	Transport height
8 row	**762 mm** (**30 in**)	**6.1 m** (**20 ft**)	**5.0 m** (**16-1/2 ft**)	**4.1 m** (**13-1/2 ft**)
12 row	**762 mm** (**30 in**)	**9.9 m** (**32-1/2 ft**)	**5.6 m** (**18-1/2 ft**)	**4.1 m** (**13-1/2 ft**)
16 row	**762 mm** (**30 in**)	**11.4 m** (**37-1/2 ft**)	**5.6 m** (**18-1/2 ft**)	**4.1 m** (**13-1/2 ft**)

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