SERVICE MANUAL

ProTed™ 3417
ProTed™ 3625
ProTed™ 3836

Rotary Tedder

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Contents

INTRODUCTION

Main gearbox and drive 14

[14.100] Main gearbox and drive 14.1

Power Take-Off (PTO) 31

[31.146] Front Power Take-Off (PTO) 31.1

Hydraulic systems 35

[35.000] Hydraulic systems 35.1

Hitches, drawbars, and implement couplings 37

[37.100] Drawbars and towing hitches 37.1

Electrical systems 55

[55.000] Electrical system 55.1

Attachments/Headers 58

[58.130] Attachment/Header frame 58.1

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Contents

INTRODUCTION

Basic instructions - Important notice regarding equipment servicing 3
Basic instructions - Shop and assembly 4
Foreword - Ecology and the environment 6
Safety rules 7
Torque - Minimum tightening torques for normal assembly 8
Torque - Hydraulic Fittings 10
Hydraulic contamination 11
Product identification 12
ProTed™ 3417
Product identification 13
ProTed™ 3417
Capacities 14
ProTed™ 3417
Product identification 15
ProTed™ 3625
Product identification 16
ProTed™ 3625
Capacities 17
ProTed™ 3625
Product identification 18
ProTed™ 3836
Product identification 19
ProTed™ 3836
Capacities 20
ProTed™ 3836

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Contents

Power Take-Off (PTO) - 31

Front Power Take-Off (PTO) - 146

FUNCTIONAL DATA

Front Power Take-Off (PTO)

Overview 3

SERVICE

Front Power Take-Off (PTO)

Remove 4

Install 5

Front Power Take-Off (PTO) clutch

Disassemble 6

Inspect 8

Assemble 9

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Torque - Minimum tightening torques for normal assembly

METRIC NON-FLANGED HARDWARE

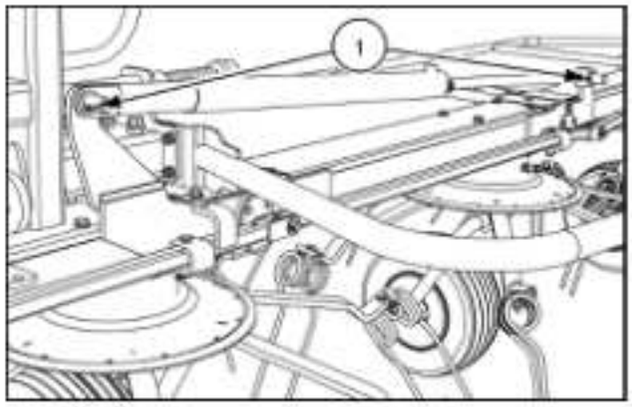
NOM. SIZE	CLASS 8.8 BOLT and CLASS 8 NUT		CLASS 10.9 BOLT and CLASS 10 NUT	
	UNPLATED	PLATED W/ZnCr	UNPLATED	PLATED W/ZnCr
M4	2.2 N·m (19 lb in)	2.9 N·m (26 lb in)	3.2 N·m (28 lb in)	4.2 N·m (37 lb in)
M5	4.5 N·m (40 lb in)	5.9 N·m (52 lb in)	6.4 N·m (57 lb in)	8.5 N·m (75 lb in)
M6	7.5 N·m (66 lb in)	10 N·m (89 lb in)	11 N·m (96 lb in)	15 N·m (128 lb in)
M8	18 N·m (163 lb in)	25 N·m (217 lb in)	26 N·m (234 lb in)	35 N·m (311 lb in)
M10	37 N·m (27 lb ft)	49 N·m (36 lb ft)	52 N·m (38 lb ft)	70 N·m (51 lb ft)
M12	64 N·m (47 lb ft)	85 N·m (63 lb ft)	91 N·m (67 lb ft)	121 N·m (90 lb ft)
M16	158 N·m (116 lb ft)	210 N·m (155 lb ft)	225 N·m (166 lb ft)	301 N·m (222 lb ft)
M20	319 N·m (235 lb ft)	425 N·m (313 lb ft)	440 N·m (325 lb ft)	587 N·m (433 lb ft)
M24	551 N·m (410 lb ft)	735 N·m (500 lb ft)	762 N·m (560 lb ft)	1016 N·m (750 lb ft)

NOTE: *M4 through M8 hardware torque specifications are shown in pound-inches. M10 through M24 hardware torque specifications are shown in pound-feet.*

NOTE: *Torque locknuts **10 %** above standard hardware torque value.*

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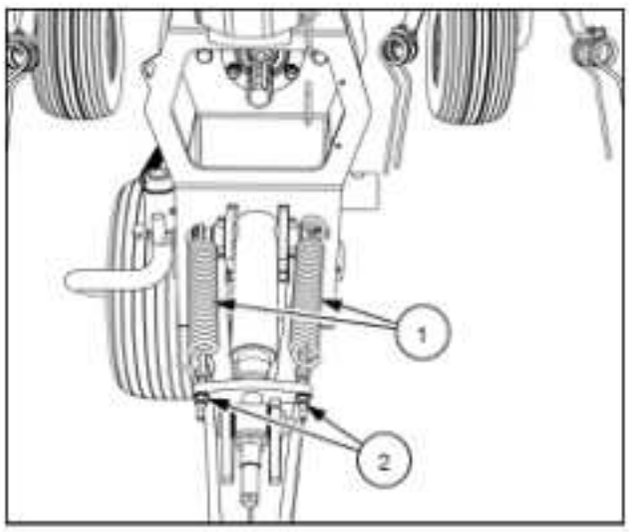
3. Remove the cotter pins **(1)** from the support pins.
4. Remove support pins and hydraulic cylinder.



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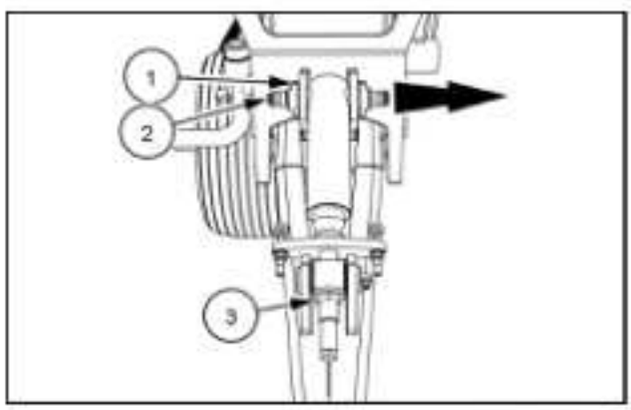
Drawbar cylinder

1. Remove hydraulic fitting from the bottom of cylinder.
2. Loosen nuts **(2)** to remove tension from the springs, remove springs **(1)** .



NHL13HT3004SAA 5

3. Drive the roll pin **(1)** out of the support pin.
4. Remove support pin **(2)**.
5. Remove nut **(3)** and remove cylinder.



NHL13HT3004TAA 6

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