

OPERATOR'S MANUAL

MANURE SPREADER

MS1256

MS1266



HSMFG0903 Rev. 1

HPOMSP6

TABLE OF CONTENTS

TABLE OF CONTENTS.....	INSIDE COVER
WARRANTY & NOTES.....	1
DEALER PRE-DELIVERY & DELIVERY CHECKLIST.....	3
SPECIFICATIONS.....	5
BOLT TORQUE CHART.....	6
BE ALERT SYMBOL.....	7
SAFETY RULES.....	8-9
DANGER - WARNING DECALS.....	10-11
OPERATION MS1256 & MS1266.....	12-13
ADJUSTMENTS.....	14-15
LUBRICATION GUIDE MS1256 & MS2166.....	16-18
TROUBLE SHOOTING.....	19
DECAL LOCATION.....	20-21
OPTIONAL EQUIPMENT.....	22
ORDERING PARTS - ABOUT IMPROVEMENTS.....	22
SERVICE & PARTS NOTES.....	23
PARTS LISTS & DIAGRAMS MS1256 & MS1266.....	24-42
OPTIONAL PAN.....	38
SERVICE RECORDS.....	43

WARRANTY:

Warranty coverage is provided by John Deere according to the terms of the Agricultural/Commercial & Consumer Equipment Warranty Statement. Carefully read the warranty statement on the back of your original purchase order for details on coverage and limitations of this warranty.

NOTES

AFTER COMPLETION, DEALER SHOULD REMOVE AND RETAIN FOR RECORDS

**FRONTIER
DEALER PRE-DELIVERY CHECK LIST**

After the Manure Spreader has been completely set-up, check to be certain it is in correct running order before delivering to the customer. The following is a list of points to inspect. Check off each item as you have made the proper adjustments and found the item operating satisfactorily.

- PTO shields turn freely.
- All Shields and Guards are in place and fastened.
- All grease fittings have been lubricated and gearbox filled to proper level - See lubrication guide in this manual.
- All mechanisms are operating trouble free.
- All roller chains are at proper tension.
- All bolts and fasteners are tight.
- All decals are in place and legible.

_____	_____
(Dealer's Name)	Model Number
_____	_____
(Signature of Pre-Delivery Inspector)	Serial Number
_____	_____
	(Inspection Date)

DEALER DELIVERY CHECK LIST

This check list that follows is an important reminder of valuable information that should be passed on to the customer at the time this Manure Spreader is delivered.

Check off each item as you explain it to the customer.

This delivery check list, when properly filled out and signed assures the customer that the Pre-delivery service was satisfactorily performed.

- Explain to the customer that the pre-delivery inspection was made.
- Explain to the customer all the safety precautions they must exercise when operating this unit.
- Explain recommended loads for different types of materials.
- Explain to customer that regular lubrication is required for proper operation and long life of machine. Show customer the lubrication section of Owner's Manual.
- Give the customer Owner's Manual and make sure he reads and understands all operating and service instructions.
- Record Serial Number on page 22 of this Manual.

Date Delivered _____	Dealer's Name _____
	By _____

	Signature of Original Buyer

FRONTIER MODEL MS1256 & MS1266 MANURE SPREADER

Your Frontier spreader has been manufactured of the finest quality materials and components. The performance you get from your machine is largely dependent upon how well you read and understand this manual and apply this knowledge. There is a right and a wrong way to do everything. Please do not assume that you know how to operate and maintain your spreader before reading this manual carefully. Keep this manual available for ready reference.

SPECIFICATIONS

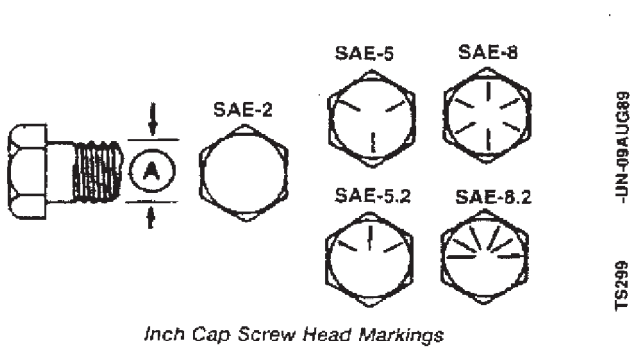
	<u>MS1256</u>	<u>MS1266</u>
Top Flare Width.....	89-1/2"	89-1/2"
Inside Width.....	80"	80"
Inside Length.....	17'-5"	17'-5"
Inside Depth.....	36"	49"
Overall Width w/Standard Truck Tires.....	130"	130"
Overall Width w/Optional 21.5L x 16.1 Tires.....	142-1/2"	N/A
Spindle Size.....	3"	3"
Overall Length.....	26'-10"	26'-10"
Overall Loading Height (Top of Flare).....	63-3/8"	73-3/4"
Overall Height w/Hyd. Endgate.....	78"*	83"
Diameter of Beater.....	29"	29"
Diameter of Top Beater.....	20"	20"
Weight w/Standard Tires.....	8140 Lbs	9700Lbs
Capacity (Old Rating).....	560 Bu	660 Bu.
Capacity - Cu. Ft. Struck Level.....	353	479
Rear Hydraulic Endgate.....	Standard	Standard
Semi Liquid Rear Pan.....	Optional	Optional
Upper Beater.....	Standard	Standard
Variable Speed Hydraulic Drive.....	Standard	Standard
Front Splash Panel.....	Standard	Standard
PTO Speed.....	1000 RPM Standard/540RPM Optional.	1000 RPM
Hydraulic Cylinder on Hydraulic Endgate.....	Two.	Two

* Overall Height is Height to Top of Upper Beater

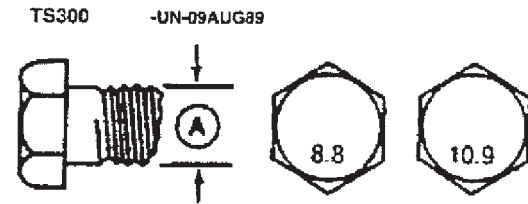
Note:

Determine right and left side of spreader by viewing it from the rear. If instructions or parts lists call for hardened bolts see page 6 to identify.

CAP SCREW TORQUE VALUES



Inch Cap Screw Head Markings



Metric Cap Screw Head Markings

INCH CAP SCREW TORQUE VALUES

METRIC CAP SCREW TORQUE VALUES

Bolt Diameter (A)	Wrench Size	Cap Screw Grade					
		SAE 2		SAE 5		SAE 8	
		N-m	lb.-ft	N-m	lb.-ft	N-m	lb.-ft
1/4"	7/16"	7	(5)	11	(8)	16	(12)
5/16"	1/2"	14	(10)	23	(17)	33	(24)
3/8"	9/16"	24	(18)	41	(30)	54	(40)
7/16"	5/8"	41	(30)	68	(50)	95	(70)
1/2"	3/4"	61	(45)	102	(75)	142	(105)
9/16"	13/16"	88	(65)	142	(105)	203	(150)
5/8"	15/16"	122	(90)	197	(145)	278	(205)
3/4"	1-1/8"	217	(160)	353	(260)	495	(365)
7/8"	1-5/16"	224	(165)	563	(415)	800	(590)
1"	1-1/2"	332	(245)	848	(625)	1193	(880)
1-1/4"	1-7/8"	685	(490)	1492	(1100)	2393	(1765)

Bolt Diameter (A)	Wrench Size	Markings on Cap Screw Heads			
		8.8		10.9	
		N-m	lb.-ft	N-m	lb.-ft
5 mm	8 mm	6	(4.5)	9	(6.5)
6 mm	10 mm	10	(7.5)	15	(11)
8 mm	13 mm	25	(18)	35	(26)
10 mm	16 mm	50	(37)	75	(55)
12 mm	18 mm	85	(63)	130	(97)
16 mm	24 mm	215	(159)	315	(232)
20 mm	30 mm	435	(321)	620	(457)
24 mm	36 mm	750	(553)	1070	(789)
30 mm	46 mm	1495	(1103)	2130	(1571)



CAUTION: Use only metric tools on metric hardware. Other tools may not fit properly. They may slip and cause injury.

DO NOT use these values if a different torque value tightening procedure is listed for a specific application. Torque values listed are for general use only. Check tightness of cap screws periodically.

Shear bolts are designed to fail under predetermined loads. Always replace shear bolts with identical grade. Fasteners should be replaced with the same or higher grade. If higher grade fasteners are used, these should only be tightened to the strength of the original.

Make sure fastener threads are clean and you properly start thread engagement. This will prevent them from failing when tightening.

Tighten plastic insert or crimped steel-type lock nuts to approximately 50 percent of amount shown in chart. Tighten toothed or serrated-type lock nuts to full torque value.



**BE
ALERT!**

**YOUR SAFETY
IS INVOLVED.**

THIS SYMBOL IS USED THROUGHOUT THIS BOOK WHENEVER YOUR PERSONAL SAFETY IS INVOLVED. TAKE TIME TO BE CAREFUL. REMEMBER: THE CAREFUL OPERATOR IS THE BEST OPERATOR. MOST ACCIDENTS ARE CAUSED BY HUMAN ERROR. CERTAIN PRECAUTIONS MUST BE OBSERVED TO PREVENT THE POSSIBILITY OF INJURY OR DAMAGE.

TRACTORS

This operator's manual uses the term "Tractor" when identifying the power or the towing source.

Buy Now



Our support email:

ebooklibonline@outlook.com