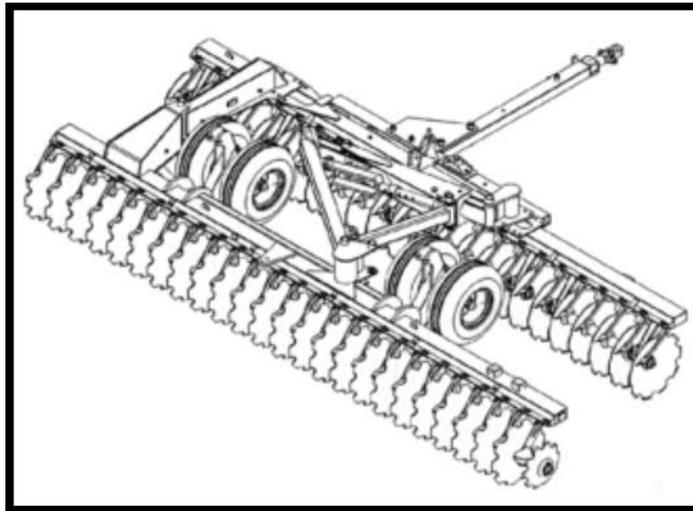




ASSEMBLY & OPERATING INSTRUCTIONS



MODELS DH4218 AND DH4221

HINGE-WHEEL OFFSET DISK HARROW

FORM NO.: 5RPMAN332AO

PUBLISHED: 06-08

Printed in USA

Contents

Introduction	2
Contents	3-5
Product Information	6-9
Reference Assembly, Model OD2118.....	6,7
Reference Assembly, Model OD2118.....	8,9
General Information	10
Checklists	11-13
Pre-Delivery.....	11
Delivery.....	12
After Sale.....	13
Each Morning of Operation.....	13
Before Each Season.....	13
Safety Signs	14-17
Safety	18-26
Recognize Safety Information.....	18
Understand Signal Words.....	18
Follow Safety Instructions.....	18
Use Seat Belt Properly.....	19
Operate Safely.....	19
Keep Riders Off Machine.....	20
Prepare For Emergencies.....	20
Wear Protective Clothing.....	20
Protect Against Noise.....	20
Use Safety Lights And Devices.....	21
Use A Safety Chain.....	21
Transport Safety.....	22
Tow Loads Safely.....	22
Practice Safe Maintenance.....	23
Remove Paint Before Welding Or Heating.....	24
Avoid Heating Near Pressured Fluid Lines.....	24
Avoid High-Pressure Fluids.....	25
Avoid Harmful Asbestos Dust.....	25
Store Attachments Safely.....	26
Dispose Of Waste Properly.....	26
Preparing The Tractor	27
Positioning Drawbar.....	27
Preparing The Disk	28
Checking And Lubricating Disk.....	28
Adjusting Rigid Scrapers.....	28
Notes.....	29
Attaching And Detaching	30-35
Attaching Disk To Tractor.....	30
Attaching Safety Chain To Tractor.....	30

Contents

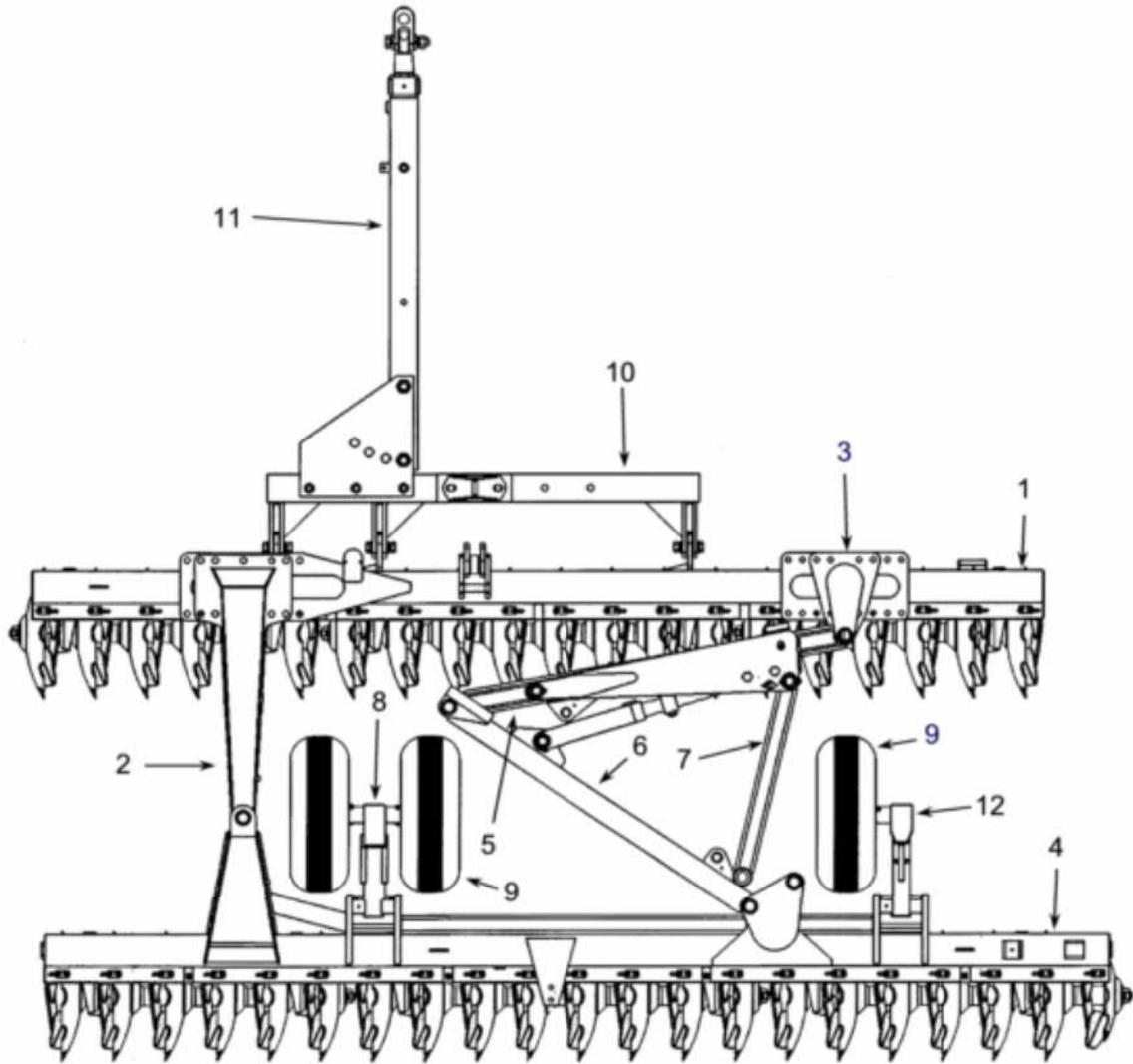
Attaching And Detaching continued	31-35
Attaching Hydraulic Hoses.....	31
Attaching Warning Light Plug.....	31
Detaching Disk From Tractor.....	32
Checking Transport Control Operation.....	33
Checking Leveling Adjustment.....	34
Notes:.....	35
Transporting Machine	36-38
Guidelines For Use.....	36
Positioning Tractor Drawbar For Transport (Four Wheel Drive Tractors).....	37
Positioning Jack For Transport.....	37
Attach Safety Chain To Tractor.....	37
Install Transport Locking Devices.....	38
Attaching Warning Light Plug.....	38
Transporting The Machine.....	38
Operating The Machine	39-48
Caution: Safety Guidelines.....	39
Guidelines For Use.....	40
Tighten Hardware.....	40
Operating Speed.....	40
Offset Bar Height Adjustment.....	41
Positioning Drawbar Angling Selecting Bolt.....	41
Positioning Drawbar On Offset Bar.....	42
Positioning Drawbar On Offset Bar To Reduce Draft On Tractor.....	43
Gang Angle Adjustment.....	44
Side Adjustment Of Gang Carriers.....	45
Hydraulic Control.....	46
Hydraulic Control Schematic.....	47
Preparing Harrow For Transport.....	48
Scraper Adjustment.....	48
Lubrication	49,50
Lubricate Storage.....	49
Lubricate Gang Bearings.....	49
Lubricate Wheel Bearings.....	49
Daily Inspection And Lubrication.....	50
Maintenance	51-59
Caution: Safety Guidelines.....	51
Checking Wheel Bolts And Bearings.....	52
Repack Wheel Hub Bearings Annually.....	52
Gang Bearings.....	53
Disk Gangs.....	53
Hydraulic Hoses.....	53
Fasteners / Bolt Torque Chart.....	53

Contents

Maintenance continued	54-59
Removing Hydraulic Cylinders.....	54
Bleeding Transport Cylinders.....	54
Servicing Disk Gangs.....	55
Assembling Disk Spacers.....	55
Gang Axle Nut Wrenches.....	55
Tighten Gang Axle Nuts.....	56
Attaching Disk Gangs To Standards.....	57
Service Tires Safely.....	58
Checking Tire Pressure.....	58
Tire Pressure Chart.....	59
Storage	60
Beginning Of Season Maintenance.....	60
End Of Season Maintenance.....	60
Assembly	61-83
Caution: Safety Guidelines.....	61
Check All Parts On Packing List.....	62
Step 1. Assembling Gangs.....	62,63
Step 2. Installing Gangs On Gang Carriers.....	64
Step 3. Joining Gang Carriers.....	64
Step 4. Installing Stabilizers And Latch Groups.....	65,66
Step 5. Attaching Offset Bar.....	67
Step 6. Attaching Drawbar.....	68
Step 7. Install Scrapers.....	69
Step 8. Install Hydraulic Control Group.....	69-74
Attachment Assembly	80-83
General.....	80
Install Safety Chain.....	80
Bearing Wear Plate.....	80
Install Warning Lights.....	81-83
Specifications	84,85
Suggested Repair Parts Stock For Models DH4218 And DH4221.....	84
Manuals - Operators and Repair Parts.....	84
Specs, Features & Standard Equipment For Models DH4218 And DH4221.....	85

PRODUCT IDENTIFICATION

REFERENCE ASSEMBLY



FRONTIER MODEL DH4218

HINGE-WHEEL TYPE OFFSET DISK HARROW

PRODUCT IDENTIFICATION

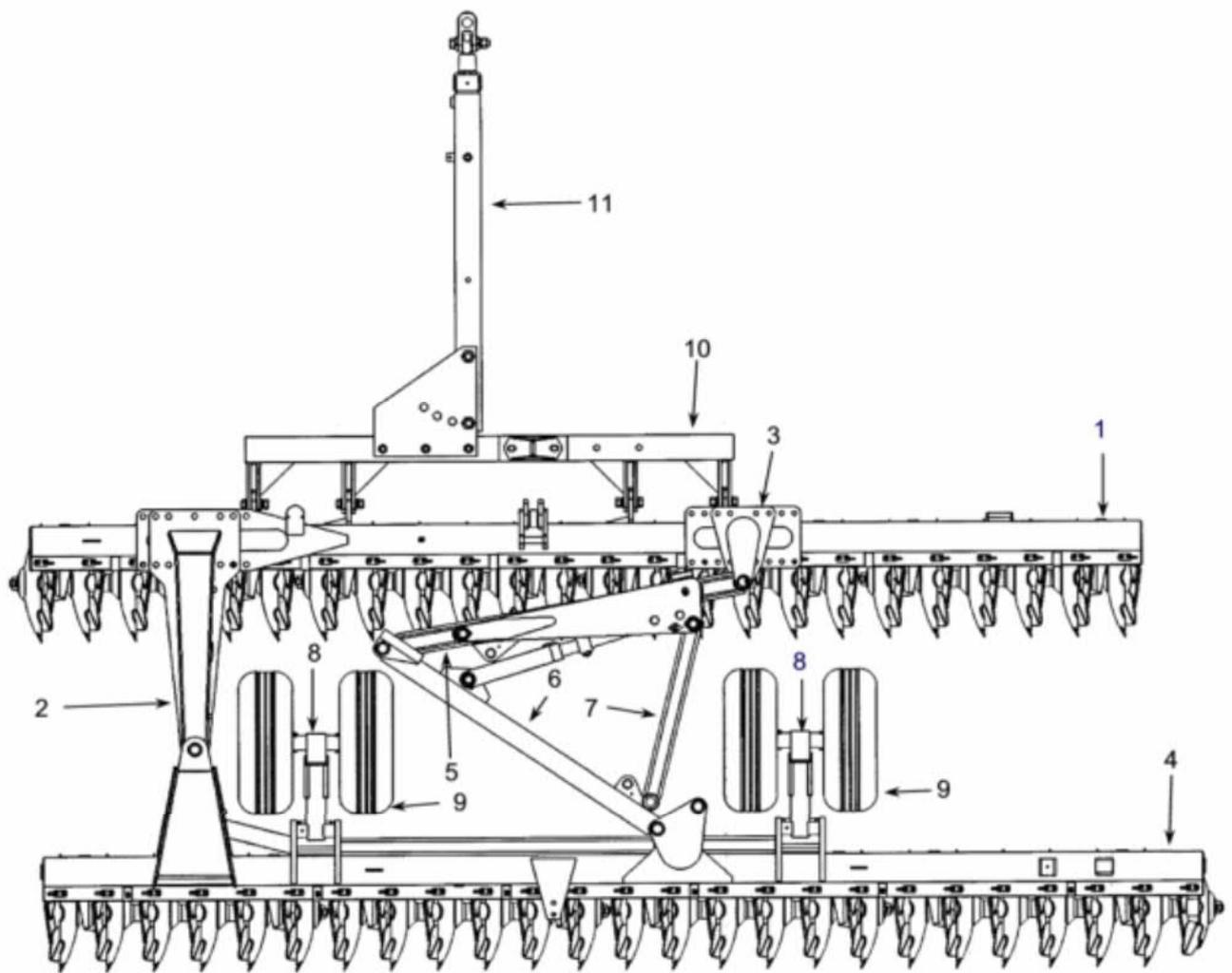
REF NO.	PART NO.	PART NAME	QTY.
1	#5RP3007114	FRONT GANG CARRIER	1
2	5RP3007772	FRONT PIVOT HINGE	1
3	5RP3007413	FRONT STABILIZER HINGE	1
4	#5RP3054743	REAR GANG CARRIER	1
5	5RP3007432A	FRONT STABILIZER ASSEMBLY	1
6	5RP3007430	REAR STABILIZER ASSEMBLY	1
7	5RP3007440	LATCH SUPPORT ASSEMBLY	1
8	5RP3005834A	DUAL WHEEL TRANSPORT ASSEMBLY	1
9	5RP3005232	TIRE AND WHEEL ASSEMBLY	3
10	5RP3006176	OFFSET BAR ASSEMBLY	1
11	5RP3008209	DRAWBAR ASSEMBLY	1
12	5RP30005833A	SINGLE WHEEL ASSEMBLY	1

FRONTIER MODEL DH4218

HINGE-WHEEL TYPE OFFSET DISK HARROW

PRODUCT IDENTIFICATION

REFERENCE ASSEMBLY



Thank you so much for reading.
Please click the “Buy Now!”
button below to download the
complete manual.



After you pay.

You can download the most
perfect and complete manual in
the world immediately.

Our support email:

ebooklibonline@outlook.com