

O P E R A T O R ' S M A N U A L

# COMPACTION ROLLER

**CR1448**

**CR1460**



**FRONTIER**  
EQUIPMENT

**TO THE DEALER:**

Assembly and proper installation of this product is the responsibility of the Frontier dealer. Read manual instructions and safety rules. Make sure all items on the Dealer’s Pre-Delivery and Delivery Check Lists in the Owner’s/Operator’s Manual are completed before releasing equipment to the owner.

The dealer must complete the Warranty Registration located on the Frontier website.

**TO THE OWNER:**

Read this manual before operating your Frontier equipment. The information presented will prepare you to do a better and safer job. Keep this manual handy for ready reference. Require all operators to read this manual carefully and become acquainted with all the adjustment and operating procedures before attempting to operate. Replacement manuals can be obtained from your Frontier dealer.

The equipment you have purchased has been carefully engineered and manufactured to provide dependable and satisfactory use. Like all mechanical products, it will require cleaning and upkeep. Lubricate the unit as specified. Observe all safety information in this manual and safety decals on the equipment.

For service, your authorized Frontier dealer has trained mechanics, genuine Frontier service parts, and the necessary tools and equipment to handle all your needs.

Use only genuine Frontier service parts. Substitute parts will void the warranty and may not meet standards required for safe and satisfactory operation. Record the model number and serial number of your equipment in the spaces provided:

**Model:** \_\_\_\_\_ **Date of Purchase:** \_\_\_\_\_

**Serial Number:** (see Safety Decal section for location) \_\_\_\_\_

Provide this information to your dealer to obtain correct repair parts.

Throughout this manual, the term **IMPORTANT** is used to indicate that failure to observe can cause damage to equipment. The terms **CAUTION, WARNING** and **DANGER** are used in conjunction with the Safety-Alert Symbol, (a triangle with an exclamation mark), to indicate the degree of hazard for items of personal safety.



This Safety-Alert Symbol indicates a hazard and means **ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED!**

**DANGER**

Indicates an imminently hazardous situation that, if not avoided, will result in death or serious injury.

 **WARNING**

Indicates a potentially hazardous situation that, if not avoided, could result in death or serious injury, and includes hazards that are exposed when guards are removed.

 **CAUTION**

Indicates a potentially hazardous situation that, if not avoided, may result in minor or moderate injury.

**IMPORTANT**

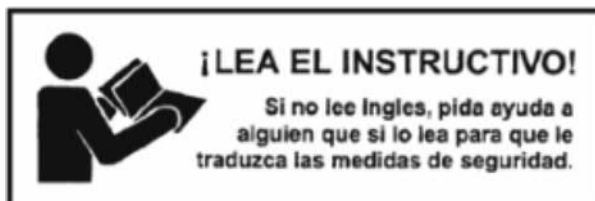
Indicates that failure to observe can cause damage to equipment.

**NOTE**

Indicates helpful information.

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## GENERAL INFORMATION

The purpose of this manual is to assist you in operating and maintaining your compaction roller. Read it carefully. It furnishes information and instructions that will help you achieve years of dependable performance.

These instructions have been compiled from field experience and engineering data. Some information may be general in nature, due to unknown and varying operating conditions. However, through experience and these instructions, you should be able to develop procedures suitable to

your particular situation.

The illustrations and data used in this manual were current at the time of printing. However, due to possible inline production changes, your machine may vary slightly in detail. We reserve the right to redesign and change the machines as may be necessary without notification.

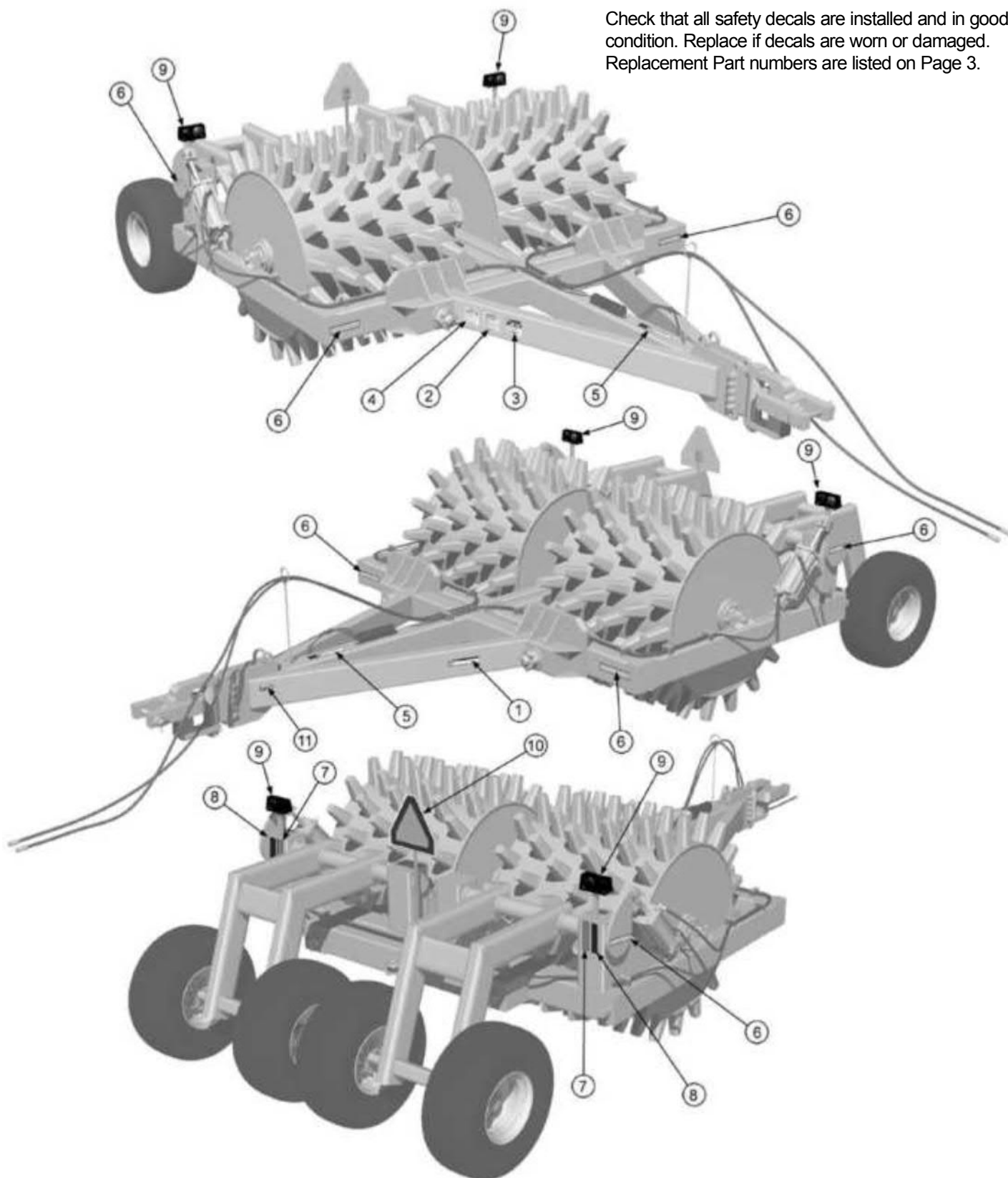
Throughout this manual, references are made to right and left direction. These are determined by standing behind the tractor facing the direction of forward travel.

# CR14 SERIES SPECIFICATIONS

<b>Model</b>	<b>CR1448</b>	<b>CR1460</b>
Tractor HP	180-535	180-535
Working Width	8 Feet	10 Feet
Machine Width	10 Feet 1 Inch	12 Feet 2 Inches
Machine Length	20.5 Feet	23.5 Feet
Machine Height	5.5 Feet	5.5 Feet
Operating Weight	11,250 lbs	16,660 lbs
Pressure per Square Inch (Empty)	341	337
Operating Weight w/ water in drums	22,156 lbs	25, 583 lbs
Pressure per Square Inch (Water Filled)	504	581
Operating Weight w/ sand in drums	22,156 lbs	36,522 lbs
Pressure per Square Inch (Sand Filled)	671	830
Drum Length	4 Feet	5 Feet Per Drum
Drum Diameter	5 Feet 2 Inches	6 Feet 2 Inches
Hitch Type	Swivel Hitch	Swivel Hitch
Feet Per Drum	108	120
Feet on Ground	12	16
Length of Drum Feet	7 Inches	7 Inches
Replaceable Feet Tips	Yes	Yes
Hydraulic Cylinders	Standard	Standard
Hydraulic Cylinders (#)	2	4
Cylinder Size	4.75, 4.5	5
Cylinder Rod Size	1.5 Inches, 2 Inches	2 Inches
Cylinder Stroke Length	10 Inches	12 Inches
Wheels	11 X 16.1	10 X 24
Tires	13.50 x 16.1	13.00 x 24
Duty	Construction	Construction
Warranty	6 Months	6 Months

**SAFETY & INSTRUCTIONAL DECALS, REFLECTORS AND LIGHTS**  
**ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED!**  
**FAILURE TO FOLLOW THESE INSTRUCTIONS COULD RESULT IN SERIOUS INJURY OR DEATH**

Check that all safety decals are installed and in good condition. Replace if decals are worn or damaged. Replacement Part numbers are listed on Page 3.



**2 Safety Decals**

# SAFETY & INSTRUCTIONAL DECALS, REFLECTORS AND LIGHTS

## ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED!

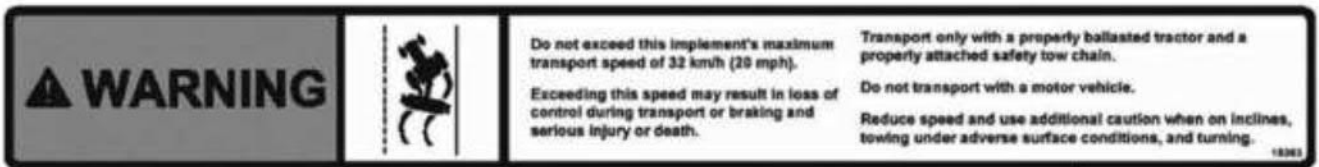
FAILURE TO FOLLOW THESE INSTRUCTIONS COULD RESULT IN SERIOUS INJURY OR DEATH

Check that all safety decals are installed and in good condition. Replace if decals are worn or damaged. Replacement Part numbers are listed here.

DECAL SHEET INCLUDES:  
DECALS 1,2,3,4,5, (2) FRONTIER DECALS, (2) CR14 SERIES DECALS FOR EACH SPECIFIC MODEL

DECAL SHEET PART NUMBERS FOR EACH MODEL:

5DDP00463 CR1448  
5DDP00464 CR1460



SMV Sign  
5DDP00167



5DDP00205  
Frontier  
Serial Number



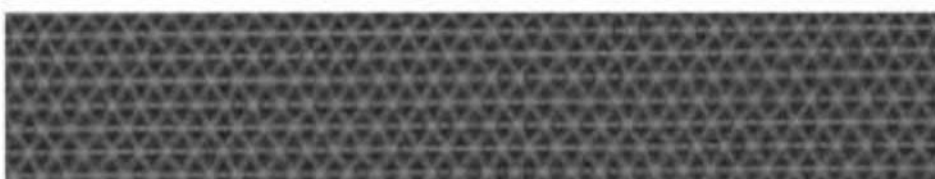
5DDP00163  
2" x 9" Yellow Reflective Strips



5DDP00162  
2" x 9" Red  
Reflective  
Strips



5DDP00161  
2" x 9" Orange  
Reflective  
Strips



5DDP00180  
Light Kit

**Buy Now**



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