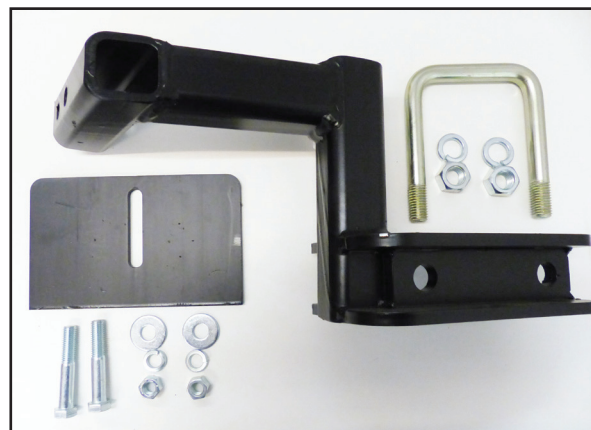


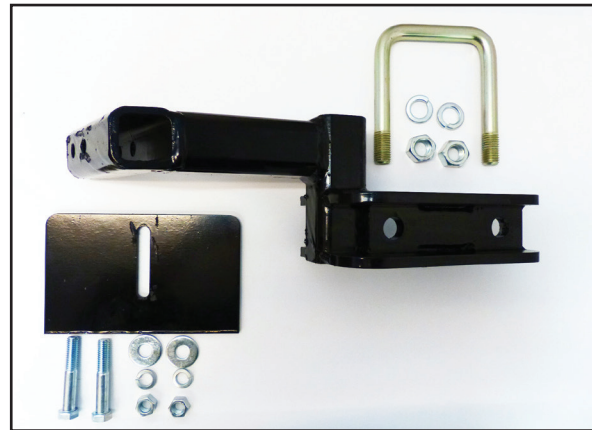
FRAME WHEEL SCRAPERS

BENEFITS

- Easily bolts to existing 4" x 4" rear frame. This keeps brackets away from residue flow
- Scraper angle trims off soil/mud about ¾" - 1" from tire surface
- Unique design eliminates risk of stone jams and tire damage
- Tire moves away from scraper when seeder lifts, allowing any soil build-up to fall away
- Once mounted and correctly set, no re-adjustment is required
- Over 10 years of trouble free performance



#3114477
FRAME WHEEL SCRAPER
LONG OFF SET
FOR USE ON JOHN DEERE 1870 STYLE
DRILLS 1997 - 2016

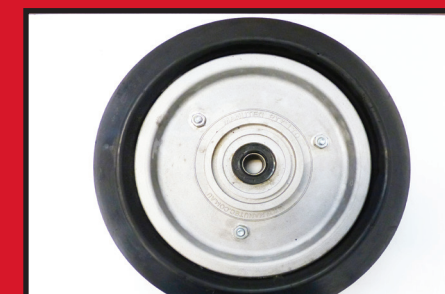
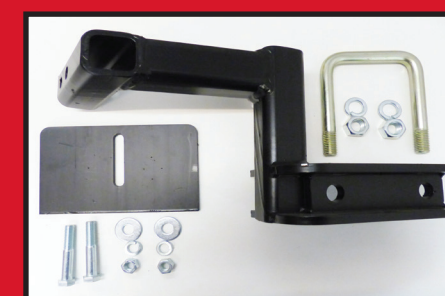


#3114485
FRAME WHEEL SCRAPER
SHORT OFF SET
FOR USE ON JOHN DEERE 1870 STYLE DRILLS
1997 - 2016

JD 1870 STYLE DRILL	FCL Item #	QUANTITY
Single Row Seed Opener 1989-2004	3129079	_____
Single Row Seed Opener 2005-2016	3129038	_____
Fertilizer Opener - Granular	3129053	_____
Fertilizer Opener - NH3	3129061	_____
Fertilizer Opener - Liquid	3129046	_____
Fertilizer Opener - Mud Special	3129020	_____
- Granular		_____
Fertilizer Opener - Mud Special	3128469	_____
- High Top		_____
- Granular		_____
Semi Pneumatic Packer Wheel	3128477	_____
Land Wheel Scraper - Long	3114477	_____
Land Wheel Scraper - Short	3114485	_____



HIGH PERFORMANCE, ECONOMICAL REPLACEMENT PARTS FOR YOUR JOHN DEERE 1870 STYLE DRILLS

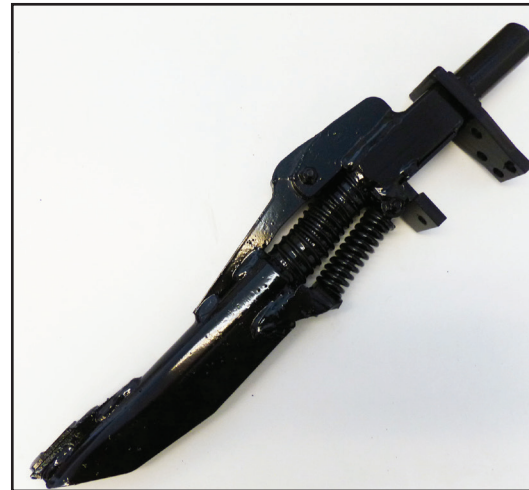


AVAILABLE EXCLUSIVELY AT YOUR LOCAL



SINGLE ROW SEED OPENERS

#3129038
FOR USE ON
JOHN DEERES
1870 STYLE DRILLS
2005-2016



#3129079
FOR USE ON JOHN DEERE
1870 STYLE DRILLS
1989 2004

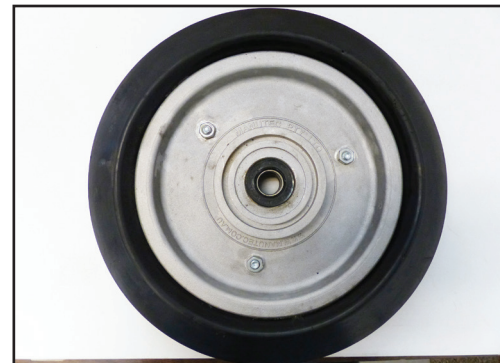
BENEFITS

- Clean, narrow one-piece construction results in:
- Reduced soil accumulation on knife. Reduced soil disturbance in furrow
- Lower draft / horsepower requirements. Increased seed / soil contact
- Faster plant emergence
- Field research showed a 15% increase in seed emergence compared to paired row openers
- Single row seed openers are superior on hard, wet or stony soils

PACKER WHEEL ASSEMBLY

BENEFITS

- Uses bearing-rim-rubber system proven for over 10 years
- Press fit bearing mounted in a machined rim vs. plastic holder
- Incorporates the originally designed twine shield recess groove, reducing foreign material being forced against the bearing
- Softer rubber, chosen from decades of experience
- Recessed rim provides greater trash deflection
- Typical maintenance experience is occasional bearing replacement after 5 to 10 years



#3128477
FOR USE ON ALL JOHN DEERE 1870 STYLE DRILLS
1997- 2016

FERTILIZER OPENERS

BENEFITS

- 20 years of proven testing and use in Australia and North America
- These openers have also been torture track tested for maximum resistance to impact damage
- Vale uses higher grade carbides and large quantities of specifically positioned hard facing, all quality controlled in-house
- Long opener life has been a consistent result over the years when compared to competitive brands making this the most cost effective opener available
- Properly placed carbides reduces the cost of opener to end user, without sacrificing wearability
- Options include Granular, Liquid, and NH3 tubes



#3128469 FERTILIZER MUD SPECIAL
GRANULAR HI TOP
FOR USE ON JOHN DEERE 1870 STYLE DRILLS
2005 - 2016



#3129020 FERTILIZER MUD SPECIAL
GRANULAR STANDARD FOR USE ON
JOHN DEERE 1870 STYLE DRILLS
2005 - 2016



#3129053
FOR USE ON JOHN DEERE 1870 STYLE DRILLS
1997 -2016



#3129061 FERTILIZER NH3
FOR USE ON JOHN DEERE 1870 STYLE DRILLS
1997 - 2016



#3129046 FERTILIZER LIQUID
FOR USE ON JOHN DEERE 1870 STYLE DRILLS
1997 - 2016