

UPGRADES FOR YOUR **MacDon**® 2018

QUICK REFERENCE GUIDE

MAX↑IMIZE

MACDON PERFORMANCE

As the best in class MacDon machines have continuously improved, so have the available enhancements. MacDon offers a variety of enhancement options that allow you to customize your MacDon to best suite your local crop conditions. It's one of the many ways we are continuing to be the leader in harvesting performance while allowing producers and custom harvesters to customize their MacDons for their crop specific conditions.

TABLE OF CONTENTS

Draper Headers	4
Windrowers	14
Rotary.	18
Pick-up Headers	22
Auger Headers	24
Notes	26

When new improvements are released with the latest machines, enhancements are created to apply these latest technologies to previous MacDon machines. By offering these upgrades, the goal is to provide world-class harvesting performance to all MacDon customers, regardless of model year.

Use this guide to view all available upgrades for MacDon machines. Discover part numbers, pictures, and benefits for MacDon upgrade kits and maximize your harvesting performance.





Draper Headers

Front Track Hinge Kit

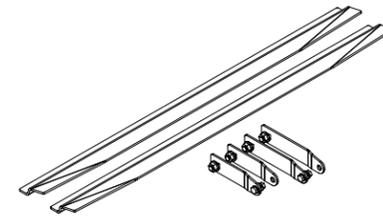
Fits: FD75, FD70's & Case 2162 **Part #:** 220196

Kit adds a hinge to the draper deck of the header flex point.

*This kit contains enough pieces to do both sides.
Some cutting and welding is required.*

Benefits:

- Improves durability of draper deck
- Extends life of side drapers
- Upgrades to latest FD75 specs



Compression Link Upgrade Kit

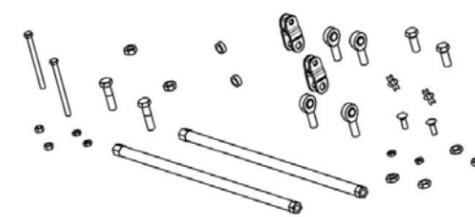
Fits: All FD70's & Case 2162 **Part #:** 245810

Can be used to replace the compression link bushing system on FD70 FlexDraper Headers with a ball joint system.

This kit contains enough pieces to do both sides.

Benefits:

- Improves wing performance and durability
- Replaces bushing system with a ball joint system
- Upgrades to latest FD75 specs



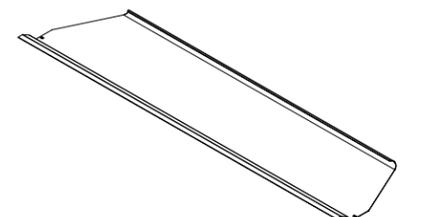
Stainless Steel Feed Pan

Fits: FD75, FD70's & Case 2162 **Part #:** 220852

Replace standard steel pan, with a stainless steel pan.

Benefits:

- Improved crop flow and productivity
- Resistance to corrosion
- Improved durability
- Upgrades to latest FD75 specs



Fill Tube Extension Kit

Fits: FD75, All FD70's & Case 2162

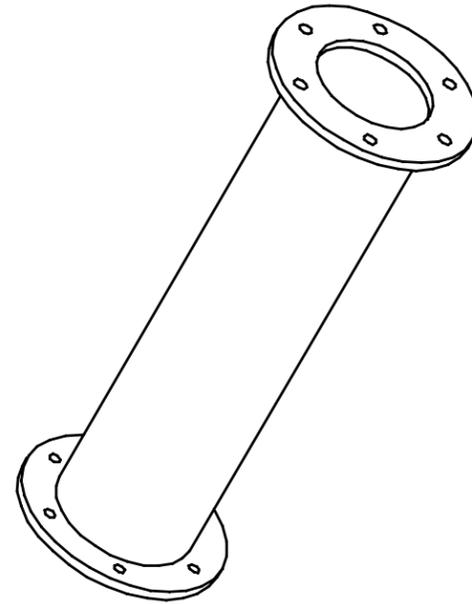
Kit #: Whole Goods #B6057

Hydraulic reservoir filler extension kit.

Note: Comes with gaskets and hardware, not serviced separately.
Kit Available through whole goods only.

Benefits:

- Allows reservoir to be fully filled for working in extreme hills
- Prevents pump cavitation at extreme angles
- Recommended when header is used on a combine equipped with leveling system (Hilco, etc.)



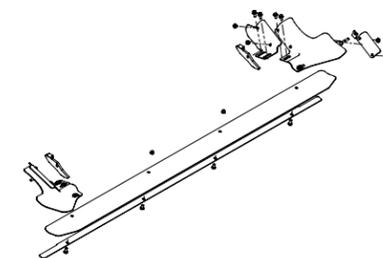
Seed Saver Kit

Fits: All FD70's & Case 2162 **Part #:** 279028

Contains corner and center sealing flaps with hardware to aid in sealing gaps between the adapter and header.

Benefits:

- Improved sealing means more of your seed is saved while still retaining the front rock sump
- Upgrades to latest FD75 specs



Front Link Upgrade Kit

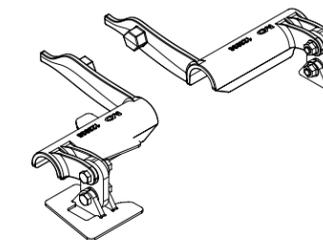
Fits: 2011 & Prior FD70, & Case 2162 **Part #:** 123719

Replaces chain link with solid link and ball joint connections.

Some welding is required.

Benefits:

- A more secure connection between the adapter and the header
- Greatly reduces the chances of feed deck damage
- Upgrades to latest FD75 specs



Shoe Center Kit

Fits: FD70, FD75 & Case 2162 **Part #:** 245396

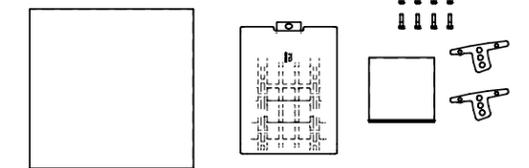
Molded plastic skid shoe.

Note: If replacing steel backed skid shoes, order 245396 and if no skid shoes are currently installed, order B5615 in the following quantities:

HEADER LENGTH	QUANTITY	
	245396	B5615
UNDER 30FT	2	1
UNDER 30FT	4	2

Benefits:

- Eliminates the need for a steel backing plate, extending the life of the shoe
- Convenience of having skid shoes and hardware in one package
- Allows cutting height adjustment when cutting on the ground



Anti-Wrapping Kit

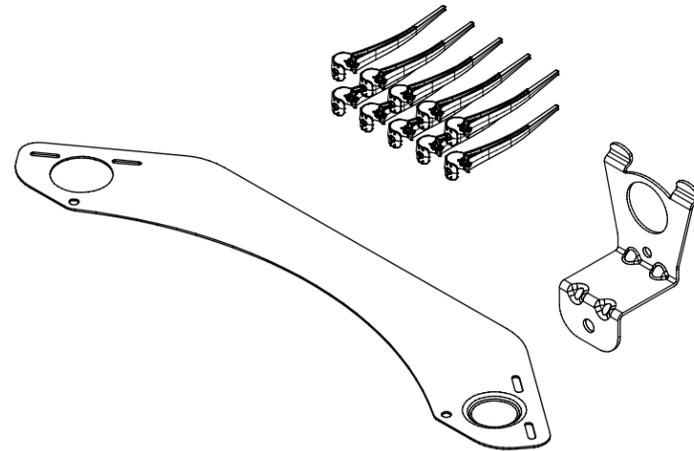
Fits: FD75 (double reel), FD70, D65 & Case 2162 **Kit #:** See Charts

Reel end shields and plastic fingers for end of reel.

Note: Helpful in green canola but not recommended in soybeans.

Benefits:

- Prevents canola and other green crop from getting caught in coils of steel fingers at center of double reel headers
- Replaces steel coil fingers with plastic and adds reel end shields to improve feeding at center of double reel



	PART #	DESCRIPTION	QTY
5 BAT CENTER	174849	FINGER - PLASTIC - PACK OF 10	1
	164958	SUPPORT - ENDSHIELD REEL	5
	164754	ENDSHIELD - 5 BAT SEGMENTED 5 SERIES	5
	135157	SCREW - MACHINE	5
	30228	NUT - FLANGE DT SMOOTH FACE 0.375-16 UNC	5
	105136	SCREW - MACHINE	5*
	50186	NUT - FLANGE LOCK SM FACE DT 0.5-13 UNC GR5	5*
	228497	SHIELD-SBAT LH REEL-CAM END	5
	228572	SHIELD-SBAT RH REEL-TAIL END	5
	273080	SUPPORT - BUSHING ENDSHIELD	5
105137	SCREW-MACHINE, TORX TRUSS HEAD, 3/8 IN, 0.5 IN LG, ZN PL	5	
135450	SCREW - MACHINE	10	
5 BAT END	164754	ENDSHIELD - 5 BAT SEGMENTED	5
	164958	SUPPORT - ENDSHIELD REEL	5
	135157	SCREW - MACHINE	5
	30228	NUT - FLANGE DT SMOOTH FACE 0.375-16UNC	5
	105136	SCREW-MACHINE,	5
	50186	NUT - FLANGE LOCK SM FACE DT 0.500-13UNC GR5	5
6 BAT CENTER	174849	FINGER - PLASTIC - PACK OF 10	1
	164958	SUPPORT - ENDSHIELD REEL	6
	164965	ENDSHIELD - 6 BAT SEGMENTED 5 SERIES	6
	135157	SCREW - MACHINE	6
	30228	NUT - FLANGE DT SMOOTH FACE 0.375-16 UNC	6
	105136	SCREW - MACHINE	6*
	50186	NUT - FLANGE LOCK SM FACE DT 0.5-13 UNC GR5	6*
	228496	SHIELD-6BAT LH REEL-CAM END	6
	228575	SHIELD-6BAT RH REEL-TAIL END	6
	273080	SUPPORT - BUSHING ENDSHIELD	6
105137	SCREW-MACHINE, TORX TRUSS HEAD, 3/8 IN, 0.5 IN LG, ZN PL	6	
135450	SCREW - MACHINE	12	
6 BAT END	164965	ENDSHIELD - 6 BAT SEGMENTED	6
	164958	SUPPORT - ENDSHIELD REEL	6
	135157	SCREW - MACHINE	6
	30228	NUT - FLANGE DT SMOOTH FACE 0.375-16UNC	6
	105136	SCREW-MACHINE	6
	50186	NUT - FLANGE LOCK SM FACE DT 0.500-13UNC GR5	6

*Hardware is attached to the reel.

CA25 Auger Flighting Replacement Kit

Fits: CA20/CA25, Case 2162/2152/2142 headers

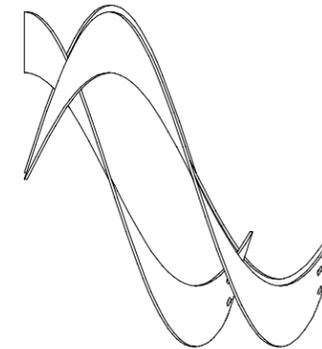
Kit #: 294047

Replacement flighting for retractable tine drum (RTD).

Some welding is required.

Benefits:

- Allows you to replace auger (RTD) flighting which has worn down over time
- Improved feeding into the combine



FM100 Auger Flighting Replacement Kit

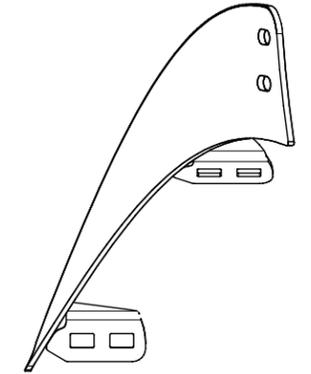
Fits: FM100

Kit #: See tables

The FM100 bolt on flighting can be replaced as it wears down with the following parts.

Benefits:

- The bolt on flighting allows for easy replacement when worn down. No welding is required
- The new flighting with a laser clad carbide tungsten edge, provides extended life even in the most abrasive conditions



Flighting and quantity depends on drum configurations:

AUGER CONFIGURATION	AUGER CONFIGURATION			
	287887	287888	287889	287890
Standard: Case, New Holland CR Wide, John Deere S-series, Lexion Narrow, Versatile	2	2	-	-
Wide: New Holland CX, John Deere T-series, Lexion Wide, Challenger, Massey	1	1	-	-
Narrow: New Holland CR Narrow, Gleaner	-	-	2	2

Tungsten-Carbide Draper Drive Rollers²

Fits: FD/D Series Headers, Case 2162/2152/2142 headers

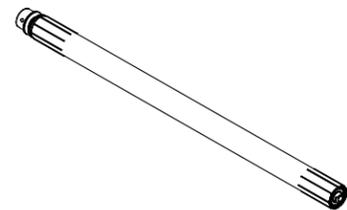
Part #: 255410 (x2)

Draper drive rollers with tungsten-carbide ribs.

²Come Standard on D65 headers 2015 model year and up.

Benefits:

- Eliminate side draper slipping in wet, oily conditions
- Tungsten-Carbide ribs provide superior grip on drapers compared to rubber coated rollers



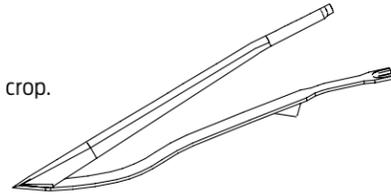
Crop Lifters

Fits: FD/D Series Headers, Case 2162/2152/2142 headers

Part #: 255929³

Attach to the cutterbar and are designed to lift lodged crop.

³ Installation hardware must be ordered separately.



Benefits:

- Designed specifically by MacDon for MacDon machines, offering a custom header fit providing optimal functionality through all tilt angles
- Custom fit to MacDon guards to minimize movement during cutting and prevent loss of lifters
- Curved contact point allows lifter to glide along the ground without digging or getting knocked off

CROP LIFTER		
PART #	DESCRIPTION	MACDON MODELS
255929	CROP LIFTER	D50, D60, D65, FD70, FD75, D1, FDI
279575	BOLT 2.5 INCH	-
21761	NUT	-
255930	WASHER	-
255927	COUPLING NUT 20MM	-
255928	COUPLING NUT 10MM	-
294330	CROP LIFTER BROCHURE	-

Crop Lifter Storage Rack

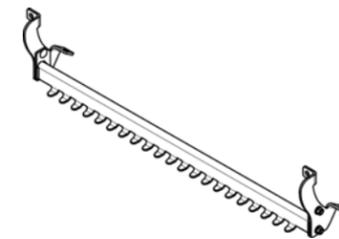
Fits: FD/D Series Headers, Case 2162/2152/2142 headers

Kit #: B6376 (FD75/D65), B5408 (FD70/D50/D60, Case 2162/2152/2142)

Storage rack which attaches to the back of the header. Bundle comes with two racks, one for each side.

Benefits:

- Convenient storage location for crop lifters while they are not in use
- Easily installs on the header back tube



Aluminum Gearbox Upgrade

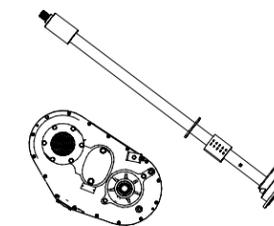
Fits: CA20 prior to 2012, Case 2162/2152 prior to 2012

Kit #: 279831 (Case/JD) or 294008 (Lexion/AGCO)

Aluminum gearbox and input shaft.

Benefits:

- Updates adapter gearbox to CA25 design
- Increased reliability and durability with fully aluminum design



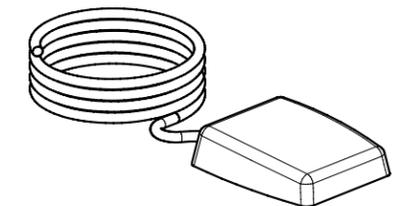
Foot Switch

Fits: FM100/CA25 **Part #:** 287537

This footswitch is used to switch between reel fore-aft/header tilt and can be used as an alternative to the switch on the console.

Benefits:

- Allows user to toggle between fore-aft and header tilt with your foot, leaving two hands available for other combine controls



Split Finger Holders

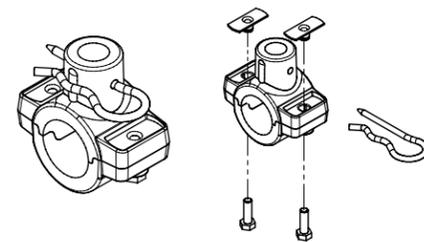
Fits: FM100 , CA25, CA25E, CA20, Case 2162/2152/2142 headers

Kit #: 274276 (CA25, CA20), 213026 (FM100), 276839 (PW8, CA25E)

A two-piece, bolt together RTD finger holder (pack of 5).

Benefits:

- Allows for the quick replacement of damaged RTD finger holders
- Doesn't require removal of all drum fingers in order to slide over new holder
- Doesn't require disassembly of drum if spare finger holders run out



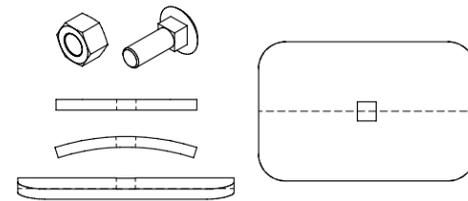
Auger Dent Repair Kit

Fits: FM100 & CA25 **Kit #:** 237563

Patch of auger drum skin to fix dents around damaged finger holes.

Benefits:

- Removes dents to auger tube in area of outer finger guides



RTD Finger Hole Repair Kit

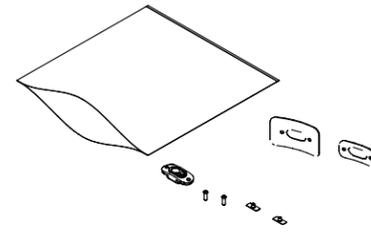
Fits: CA25, CA20, 873 **Kit #:** 114382

Kit makes repairs to finger guide area instead of replacing auger tube.

Some welding is required.

Benefits:

- Repairs damaged auger finger holes



Keep your MacDon at peak performance with MacDon Draper Header Service Kits

Order Draper Header Service Kits from MacDon for one convenient package containing high wear draper header replacement parts required for your machine.

Select from the options below to find your MacDon Draper Header Service Kit.



*Note: 279097 pictured above

COMBINE SERVICE KIT

FD75/D65/CA25

279097

- 129297 - Wearplates (5)
- 118344 - Guards (5)
- 174849 - Reel Fingers (10)
- 279641 - Coarse Section (25)
- 220938 - Finger Assemblies (5)
- 183620 - Hydraulic Filter (1)
- 135626 - Section Nuts (50)
- 135632 - Long Section Screws (50)
- 135628 - Short Section Screws (50)

COMBINE SERVICE KIT

FD1/D1/FM100

255977

- 129297 - Wearplates (5)
- 118344 - Guards (4)
- 118345 - Guards (1)
- 279641 - Coarse Section (25)
- 287802 - RTD Fingers (5)
- 202986 - FM100 Filter (1)
- 187081 - Finger Guides (5)
- 252522 - Guide Bolts (10)
- 197263 - Guide Nuts (10)
- 120558 - Guard Bolts (10)
- 18654 - Guard Nuts (10)
- 52417 - Long Knife Head Bolts & Nuts (25)
- 52413 - Standard Section Bolts & Nuts (50)

COARSE SECTION SERVICE KIT

D65/D1 X/D1 XL

279100

- 129297 - Wearplates (5)
- 118344 - Guards (5)
- 174849 - Reel Fingers (10)
- 279641 - Coarse Section (25)
- 135626 - Section Nuts (50)
- 135632 - Long Section Screws (50)
- 135628 - Short Section Screws (50)

FINE SECTION SERVICE KIT

D65/D1 X/D1 XL

279099

- 129297 - Wearplates (5)
- 118344 - Guards (5)
- 174849 - Reel Fingers (10)
- 279642 - Fine Section (25)
- 135626 - Section Nuts (50)
- 135632 - Long Section Screws (50)
- 135628 - Short Section Screws (50)



Windrowers

Unions to replace Flat Face Couplers

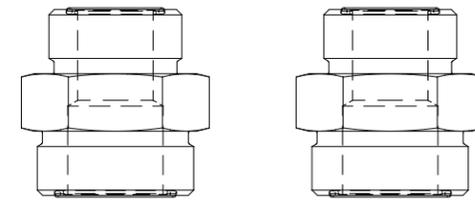
Fits: M205 **Part #:** 166844

Unions for rotary header hoses.

Note: Use to connect to R85 only.

Benefits:

- Decreases friction caused during high oil flow to and from the header
- Lowers the possibility of leaking and contamination occurring



Walking Beam Poly Bushing

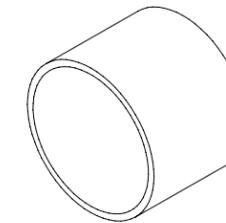
Fits: M205, M200, M155, M150, M105, M100 – 2014 & prior

Part #: 161226 (x2)

Replaces older steel bushing with a poly blend bushing.

Benefits:

- Increased bushing life
- Can function with or without grease



Cab Shock Kit

Fits: M205, M155 – 2014 & prior

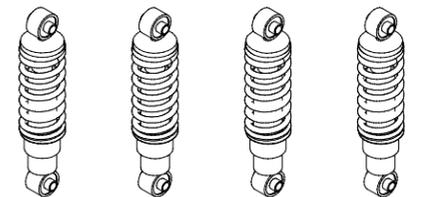
Kit #: 166826

Kit used to update cab shocks used on older machine models.

Note: When replacing with new shocks, replace a complete set of 4, kit contains 4 dampeners.

Benefits:

- More consistent cab ride
- Increased cab dampener life





Keep your MacDon at peak performance with MacDon Annual Filter Kits

Order Annual Filter Kits from MacDon for one convenient package containing all annual maintenance filters required for your machine.*

Select from the options below to find your MacDon Annual Filter Kit!



M105/M155 FILTER KIT

167724

- 166312 - Fuel Filter
- 111972 - Fuel Filter
- 111954 - Air Filter
- 111974 - Oil Filter
- 111608 - Fuel Strainer
- 183620 - Hydraulic Filter
- 112419 - Hydraulic Filter

M155 E4 FILTER KIT

167726

- 205029 - Fuel Filter
- 205028 - Fuel Filter
- 203621 - Air Filter
- 111974 - Oil Filter
- 111608 - Fuel Strainer
- 183620 - Hydraulic Filter
- 112419 - Hydraulic Filter

M205 FILTER KIT

167725

- 166312 - Fuel Filter
- 111972 - Fuel Filter
- 138685 - Air Filter
- 111974 - Oil Filter
- 111608 - Fuel Strainer
- 112419 - Element Filter (x2)

M1170 FILTER KIT

208961

- 111954 - Air Filter
- 111955 - Air Filter
- 202986 - Hydraulic Filter
- 201713 - Fuel Strainer
- 205029 - Fuel Filter
- 205028 - Fuel Filter
- 111974 - Oil Filter

M1240 FILTER KIT

208960

- 138685 - Air Filter
- 139077 - Air Filter
- 202986 - Hydraulic Filter
- 201713 - Fuel Strainer
- 205029 - Fuel Filter
- 205028 - Fuel Filter
- 111974 - Oil Filter

*Refer to your operators manual for recommended scheduled maintenance intervals.



Rotary

R116 Small Drum Kit

Fits: R116 (2016 & 2017)

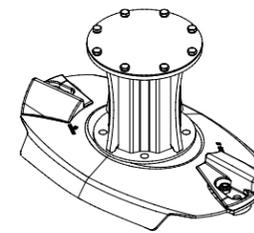
Kit #: 281696

Replaces existing (large) diameter drums with small diameter drums.

Note: For maximum benefit the small drum should be used in conjunction with the Blade lowering kit and 18° blades.

Benefits:

- Smaller diameter drum improves crop flow across the cutterbar
- Provides for a more even cut across the width of the header



R1 Blade Lowering Kit

Fits: R1 (2016 & 2017)

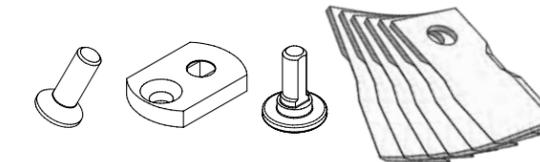
Kit #: 257123

Replaces 5mm spacers with 10mm spacers to get blades closer to the ground. Can be used on all R1 cutterbars (not specific to Pull Type).

Note: For maximum benefit the small drum should be used in conjunction with the Blade lowering kit and 18° blades.

Benefits:

- Allows header angle to be flatter when cutting close to the ground
- Flatter blade angle provides improved cut quality



R85 Auger Chrome Replacement Flighting

Fits: R85 (16ft SP) **Kit #:** 194942 (LH), 194943 (RH)

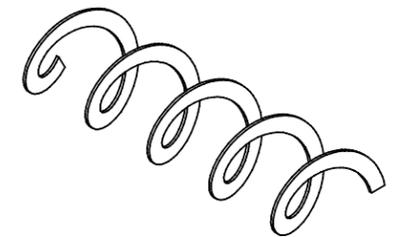
Replaces worn down auger flighting with newer, more durable chrome auger flighting.

Some welding is required.

Note: This only replaces outer flighting.

Benefits:

- Cost effective repair to outer flighting areas on feed auger
- Restores auger performance to original specification



Chrome Auger Kit (16ft)

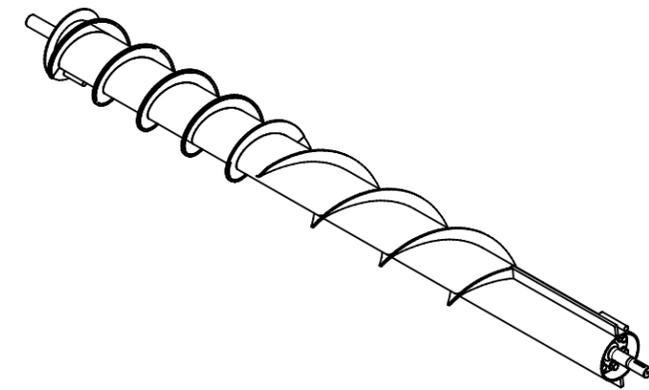
Fits: R85 (16ft - model year 2013 & prior) **Kit #:** 236930

New auger design improves crop feeding throughout the header, as well as increased auger life span.

Benefits:

- Revised feed auger design features universal joint at center support and wear-resistant pitch flights
- More consistent crop flow throughout the header

CHROME AUGER KIT (16FT)			
PART #	DESCRIPTION	QTY	REPLACES PART #
236972	AUGER CW SHAFT BAL-LH 16'-22/7 FLIGHT	1	194920
236974	AUGER CW SHAFT BAL-RH 16'-22/7 FLIGHT	1	194921
235310	SHIELD - AUGER - CENTER	2	
236030	PLATE - MACHINED	1	
150438	BEARING - BALL SPH OD CW LC (1 3/8 IN. BORE)	1	
236975	UNIVERSAL JOINT	1	
169857	KIT INSTALLATION INSTRUCTION	1	
1113	KEY	1	
21567	BOLT-HEX HD .375-16UNC X 0.75 LG	4	
105136	SCREW - MACHINE	8	
50186	NUT - FLANGE LOCK SM FACE DT 0.500-13UNC GR5	8	
30441	WASHER - HARDENED	2	
30861	BOLT - HH 5/8 NF X 2.0 LG GR 8 ZP	2	
136792	NUT - HEX SMTH FLG 5/8-18-GR8-ZP	2	



Keep your MacDon at peak performance with MacDon Rotary Disc Service Kits

Order Rotary Disc Service Kits from MacDon for one convenient package containing high wear rotary disc replacement parts required for your machine.*

Select from the options below to find your MacDon Rotary Disc Service Kit



ROTARY DISC SERVICE KIT

R1 SERIES

259053

- 257084 - 18° Counterclockwise Rotary Blade, 6 Pack (4)
- 257083 - 18° Clockwise Rotary Blade, 6 Pack (4)
- 247940 - Hardware Guard(4)
- 246300 - Blade Nut (30)
- 281604 - Blade Bolt (20)
- 281605 - Accelerator Bolt (10)
- 246303 - Accerator Nut (10)
- 246295 - Spindle Shear Key (1)

ROTARY DISC SERVICE KIT

R SERIES

268323

- 268206 - 18° Counterclockwise Rotary Blade, 6 Pack (4)
- 268204 - 18° Clockwise Rotary Blade, 6 Pack (4)
- 221530 - Hardware Guard(4)
- 148645 - Blade Nut (30)
- 148644 - Blade Bolt (20)
- 148800 - Accelerator Bolt (10)
- 198280 - Spindle Shear Pin(1)

*Refer to your operators manual for recommended scheduled maintenance intervals.



Pick-up Headers

Split Finger Holders

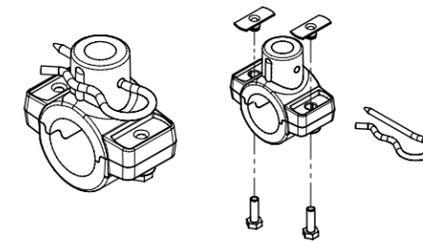
Fits: PW8/PW7

Part #: 276839 (PW8/PW7)

A two-piece, bolt together retractable tine drum (RTD) finger holder (pack of 5).

Benefits:

- Allows for the quick replacement of damaged RTD finger holders
- Doesn't require removal of all drum fingers in order to slide over new holder
- Doesn't require disassembly of drum if spare finger holders run out



Steel Pickup Fingers

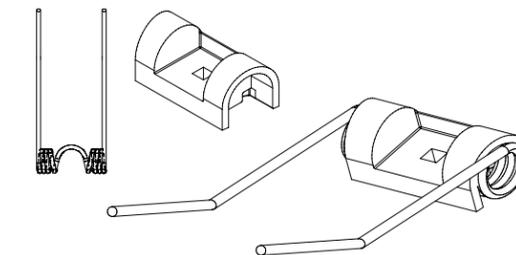
Fits: PW7 Rake-up

Kit #: 191833 (200 fingers), 191039 (1 pack), 191038 (1 pack)

Steel finger with plastic clip to replace standard plastic finger.

Benefits:

- Extended finger life compared with standard plastic finger
- Increased ground clearance, extends the life of the aluminum bats



Auger Dent Repair Kit

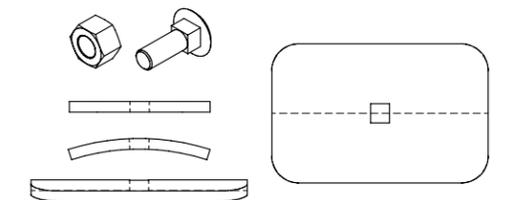
Fits: PW8

Kit #: 237563

Kit allows repairs to be made to auger near the finger holes.

Benefits:

- Removes dents to auger tube in area of outer finger guides





Auger Headers

Reel Tine Hardware

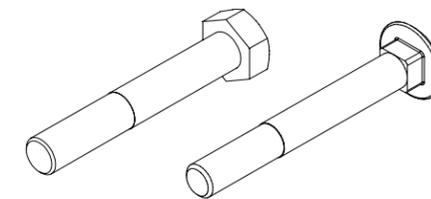
Fits: A40D, A40D GS 2015 & prior

Part #: 6 Bat - 170634 (x18), 136348 (x9), 21569 (x9)
7 Bat - 170634 (x21), 136348 (x11), 21569 (x10)

Used to update reel tine bolts with stronger, updated bolts.

Benefits:

- Increased strength of reel tine tube bolts
- Increased life of reel tine tube bolts



Swath Baffle Adjuster Brace Kit

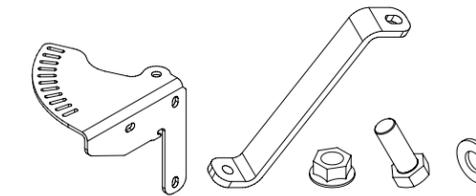
Fits: A Series Header

Kit #: 170585

New adjuster bracket for A-series auger header baffle.

Benefits:

- Stronger and more reliable baffle adjuster bracket



Auger Edge Flighting Repair Kit

Fits: A40 Header

Kit #: 170436

Used to repair worn auger flighting.

Some welding is required.

Benefits:

- Increased auger life
- More consistent crop feeding throughout header

Full Flighting Repair Kit

Fits: A Series Header

Kit #: 143147 (RH), 143142 (LH)

Used to fully replace worn auger flighting.

Some welding is required.

Benefits:

- Increased auger life
- More consistent crop feeding throughout header



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Part #294720