

PRODUCT CATALOGUE

IMPROVEMENT PARTS

SPARE PARTS FOR JOHN DEERE®
SUGARCANE HARVESTERS
CH3510 CH3520 CH3522 CH570 CH670



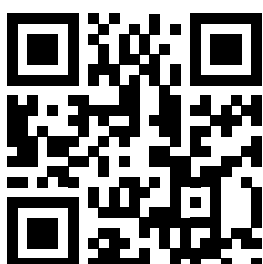
26/09/2024



WHY USE UNIMIL PARTS?

Unimil is a reference in the market of spare parts for sugarcane harvesters.

**Get to know
Unimil solutions
and boost the
operation of your
harvester!**



unimil.com.br

Our mission is to offer our customers greater availability of the harvester in operation with the lowest cost per ton of cane harvested, through innovative, high-quality products and specialised technical support.

Our team daily study opportunities in the field to maximise the performance of our parts and ensure the best performance in your machine.

We are present in more than 20 countries and in Brazil with 8 branches in the main sugar-energy centres to serve with agility and efficiency, after all, agro doesn't stop.

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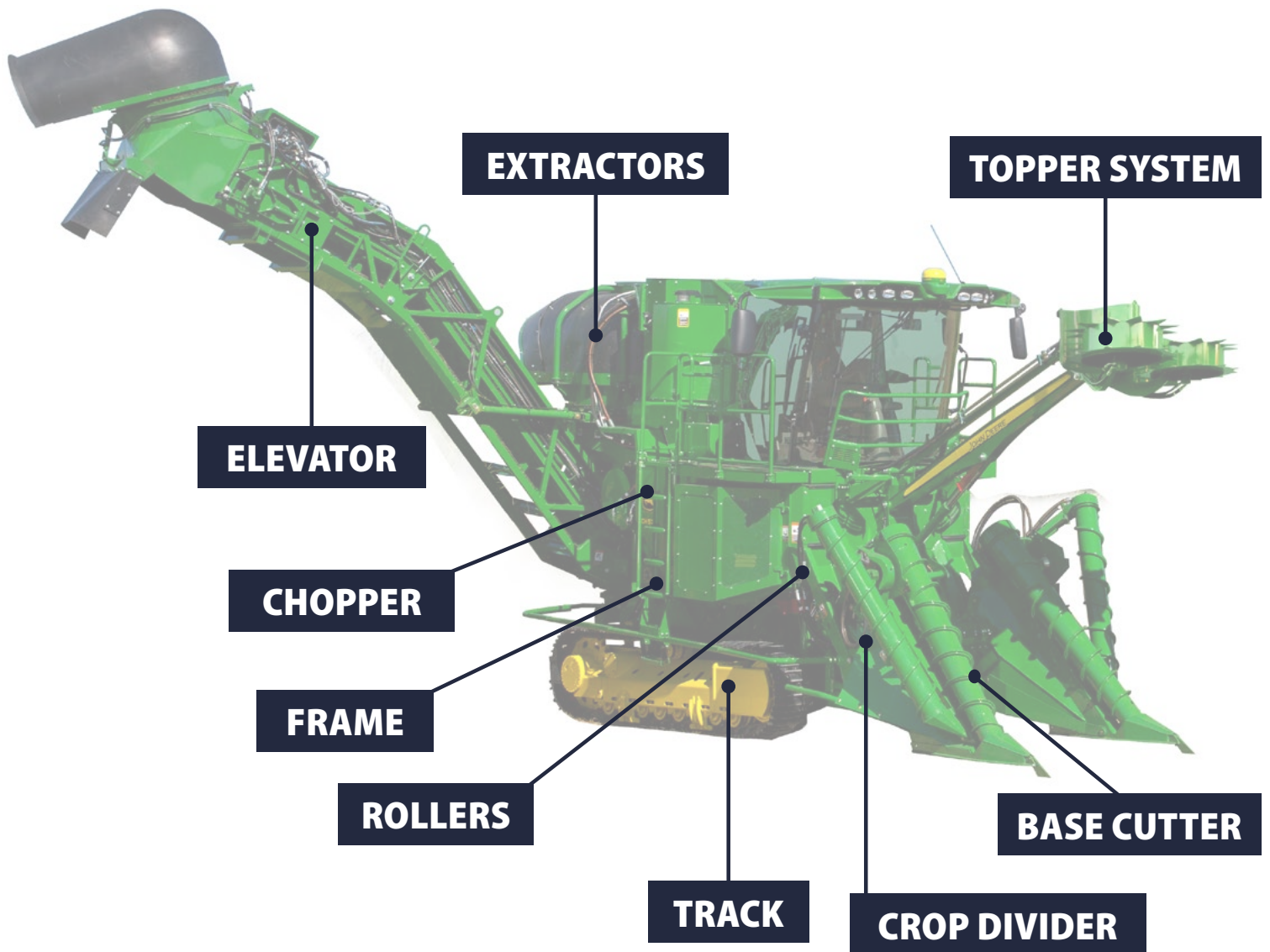
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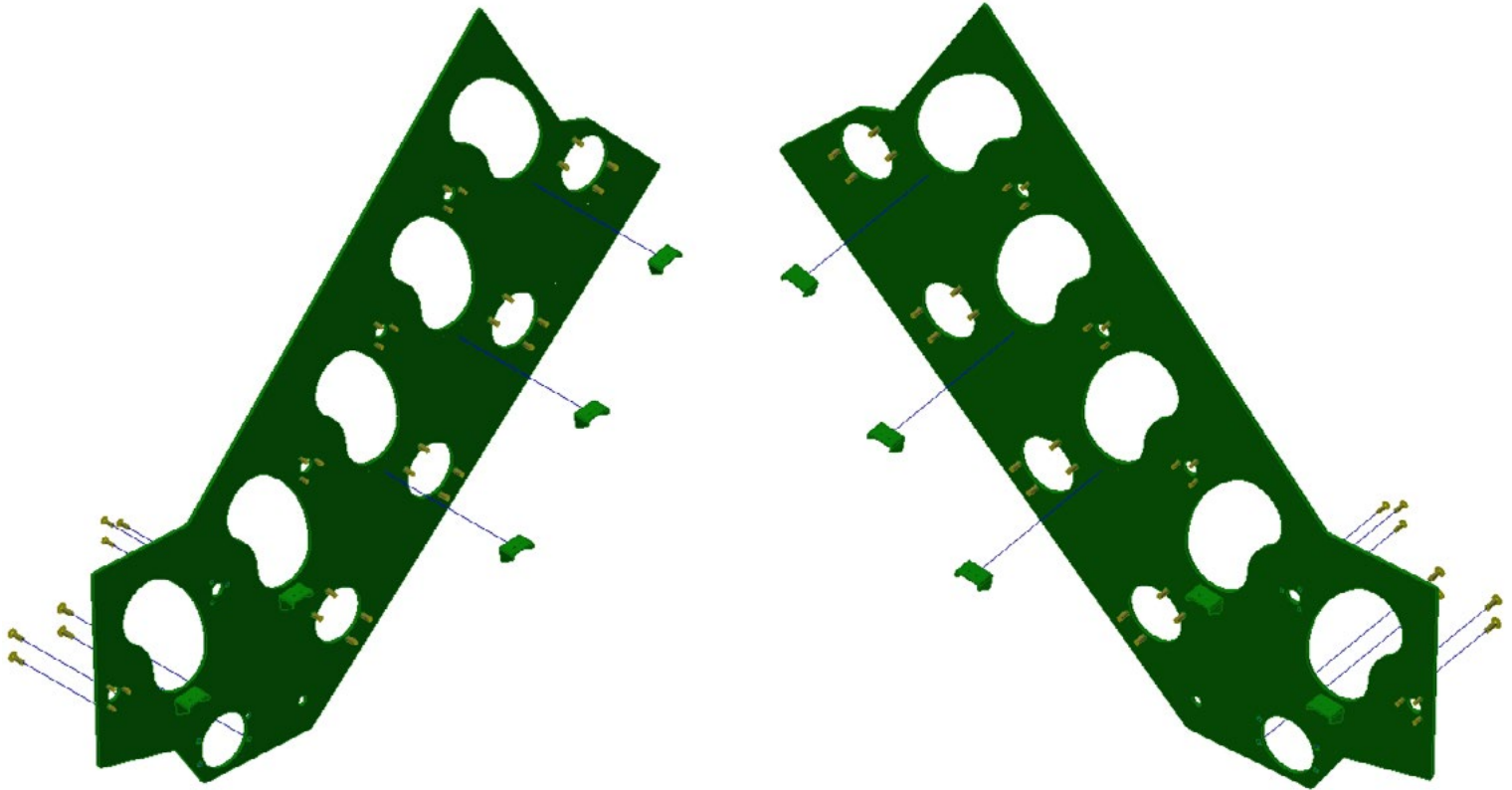
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ROLLERS

SIDE PLATE - CH3520/CH3522**RH**

UNIMIL® PN

043748

LH

UNIMIL® PN

043747

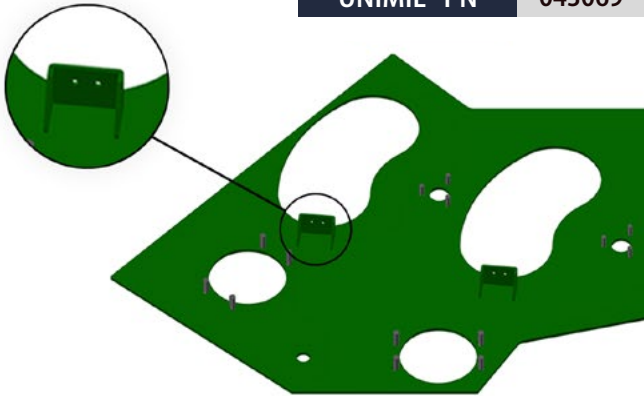
APPLICATION: CH3520 CH3522

- Mat. SAE1020
- Thickness 5/16"
- It includes all the welded set screws in the chassis
- Plates are positioned and welded, facilitating the arm alignment
- Items are delivered unpainted since the plate needs to be welded to the frame

SIDE PLATE - CH570/CH670

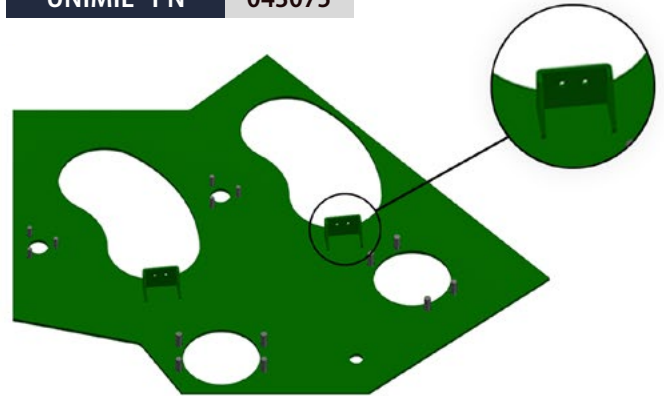
LATERAL PLATE 2° ROLLER (RH)

UNIMIL® PN 043069



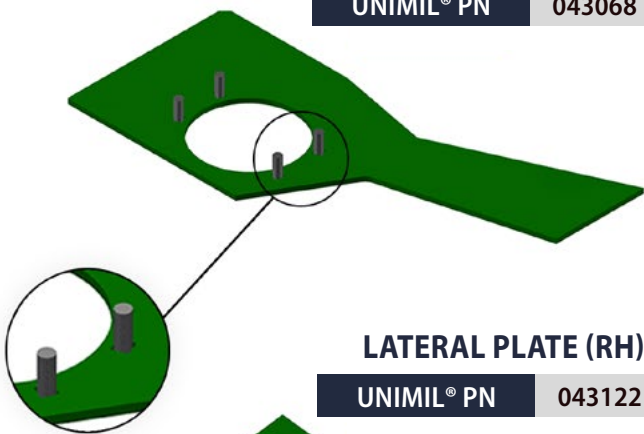
LATERAL PLATE 2° ROLLER (LH)

UNIMIL® PN 043075



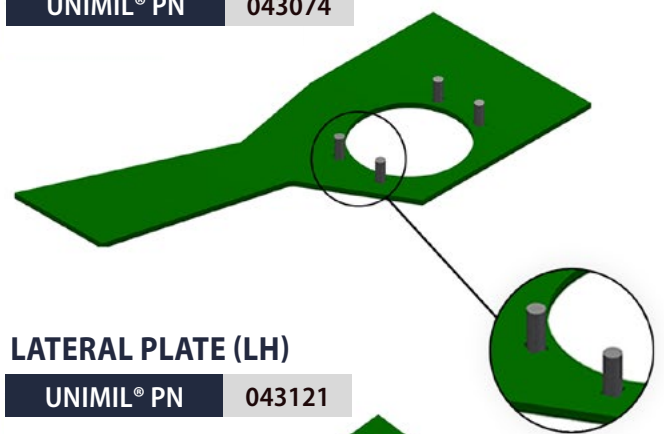
LATERAL PLATE 1° ROLLER (RH)

UNIMIL® PN 043068



LATERAL PLATE 1° ROLLER (LH)

UNIMIL® PN 043074



LATERAL PLATE (RH)

UNIMIL® PN 043122



LATERAL PLATE (LH)

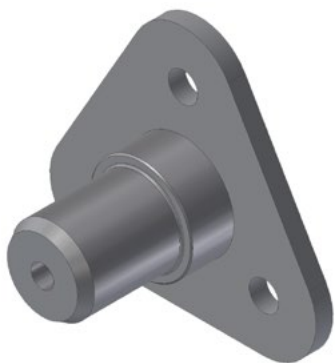
UNIMIL® PN 043121



APPLICATION: CH570 CH670

- Mat. SAE1020
- Thickness 5/16"
- It includes all the welded set screws in the chassis
- Plates are positioned and welded, facilitating the arm alignment
- Items are delivered unpainted since the plate needs to be welded to the frame

PIN - ARM (CRADLE)



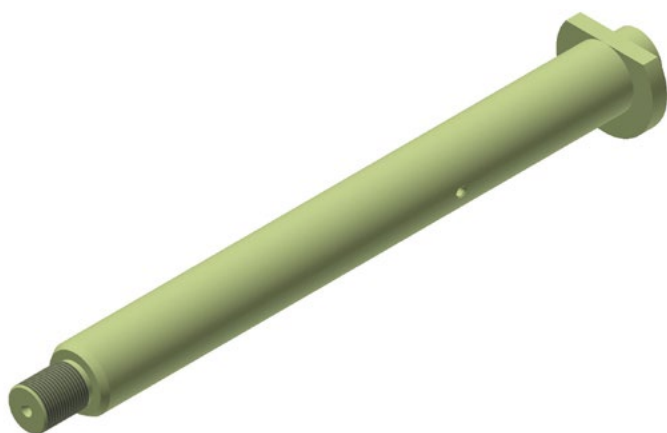
UNIMIL® PN	009702
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JOHN DEERE® PN	CB11419911, CB01487612
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APPLICATION: CH3510 CH3520 CH3522 CH570 CH670 CH950

- Heat treatment

PIN - KNOCK DOWN ROLLER



UNIMIL® PN	050552
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JOHN DEERE® PN	AXT15861
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APPLICATION: CH570 CH670

- Zinc treatment: protects and prevents rust

ARM - CRADLE



UNIMIL® PN	011651
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JOHN DEERE® PN	AXT18308, AXT13199
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APPLICATION: CH3510 CH3520 CH3522

ARM - CRADLE STRAIGHT



UNIMIL® PN	011129
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JOHN DEERE® PN	AXT18400, CB11459303
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APPLICATION: CH3510 CH3520 CH3522 CH570

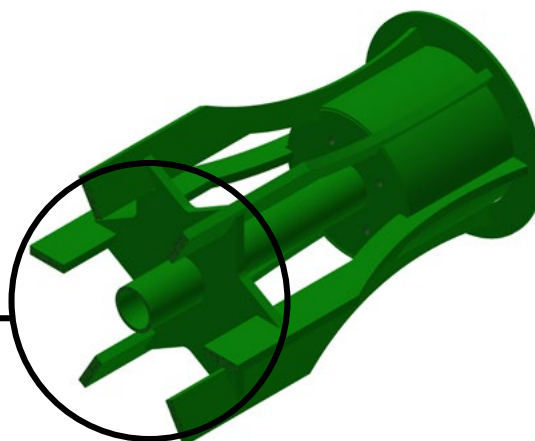
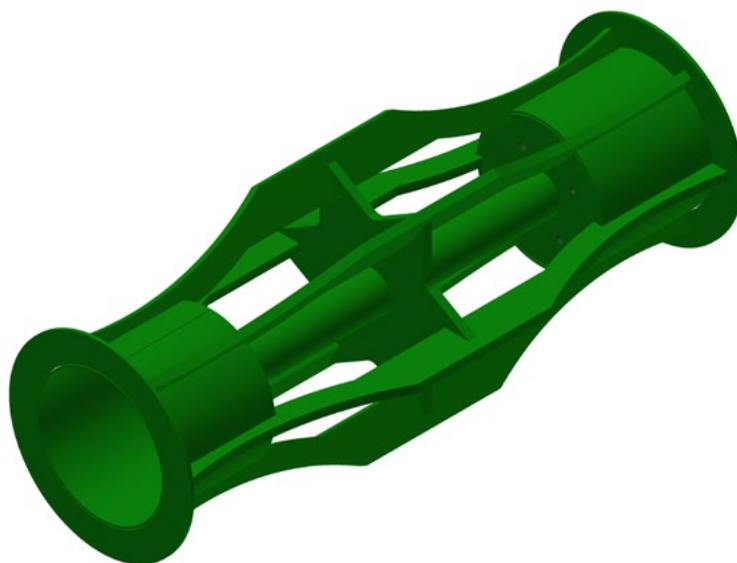
LIFTER ROLLERS

APPLICATION: CH3510 CH3520 CH570

- Coated to prevent wear on the slats
- It has 6 slats, improving the sugarcane transport

LIFTER ROLLER 6 SLATS - HOLLOW

UNIMIL® PN	045677
JOHN DEERE® PN	AXT15581, CB11455267



6
REINFORCED
SLATS

INTERNAL HUB

APPLICATION: CH3510 CH3520 CH3522 CH570 CH670 CH950

- Heat treatment
- High strength steel
- Reinforced
- 2x more quality than the competitor
- Preserves hydraulic motor integrity

2x
MORE QUALITY
THAN THE COMPETITOR



REINFORCED CURVED ADAPTER

UNIMIL® PN 037990

JOHN DEERE® PN 0300048145, AXT11319



REINFORCED EXTERNAL HUB

UNIMIL® PN 018307

JOHN DEERE® PN 0300048144, CXT13073

COUPLINGS KIT - REINFORCED

UNIMIL® PN 041209



SPACER

UNIMIL® PN 025510

The spacer is installed between the internal and the external hub and its function is limiting the internal hub moving forward after its wear out, avoiding damages and facilitating the maintenance.

INTERNAL HUB ADAPTER

UNIMIL[®] PN

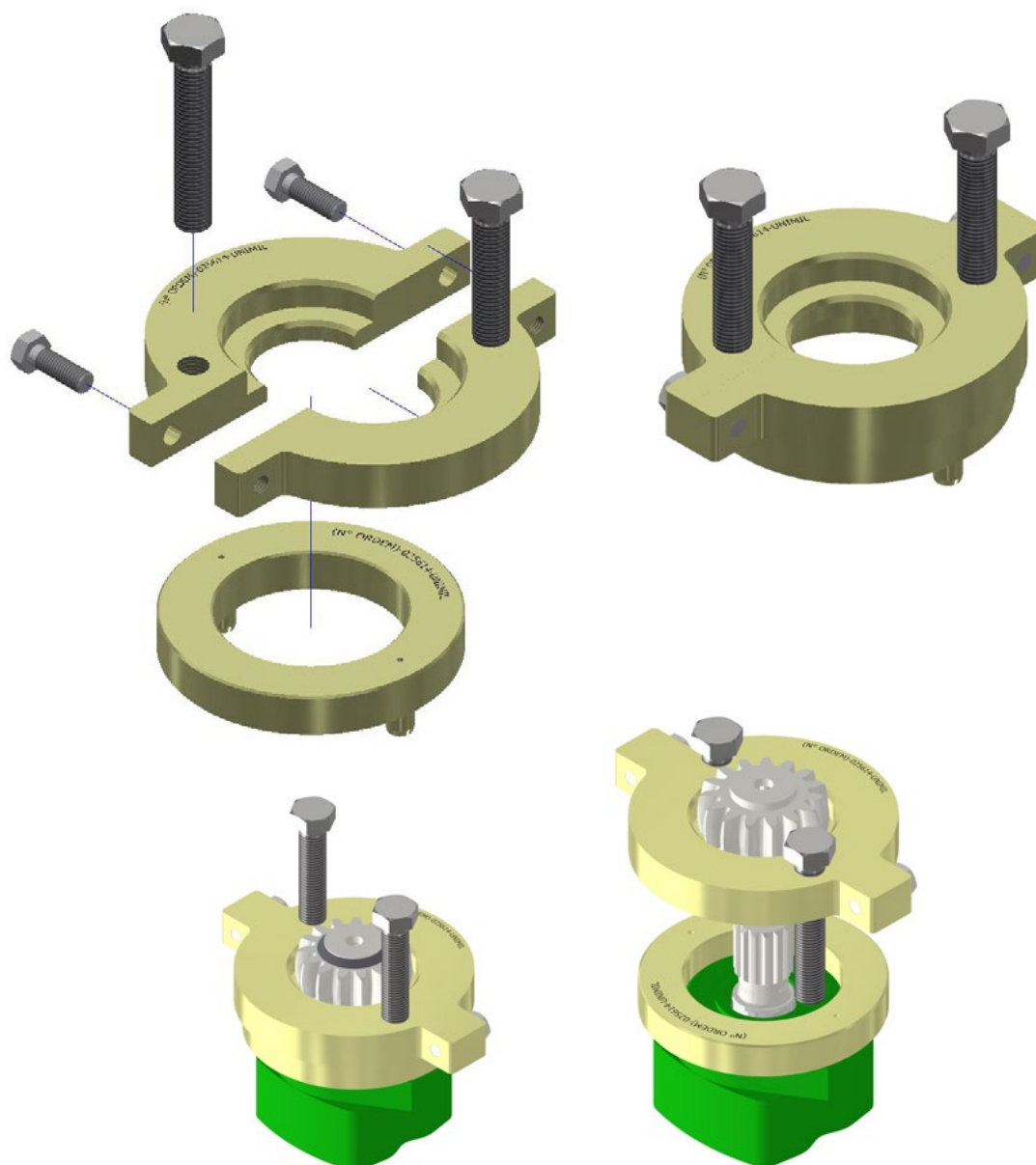
025614

JOHN DEERE[®] PN

AXT11319

APPLICATION: CH3510 CH3520 CH3522 CH570 CH670 CH950

- Facilitates the removal of the internal hub adapter
- Simple and efficient operation
- Made of high strength material

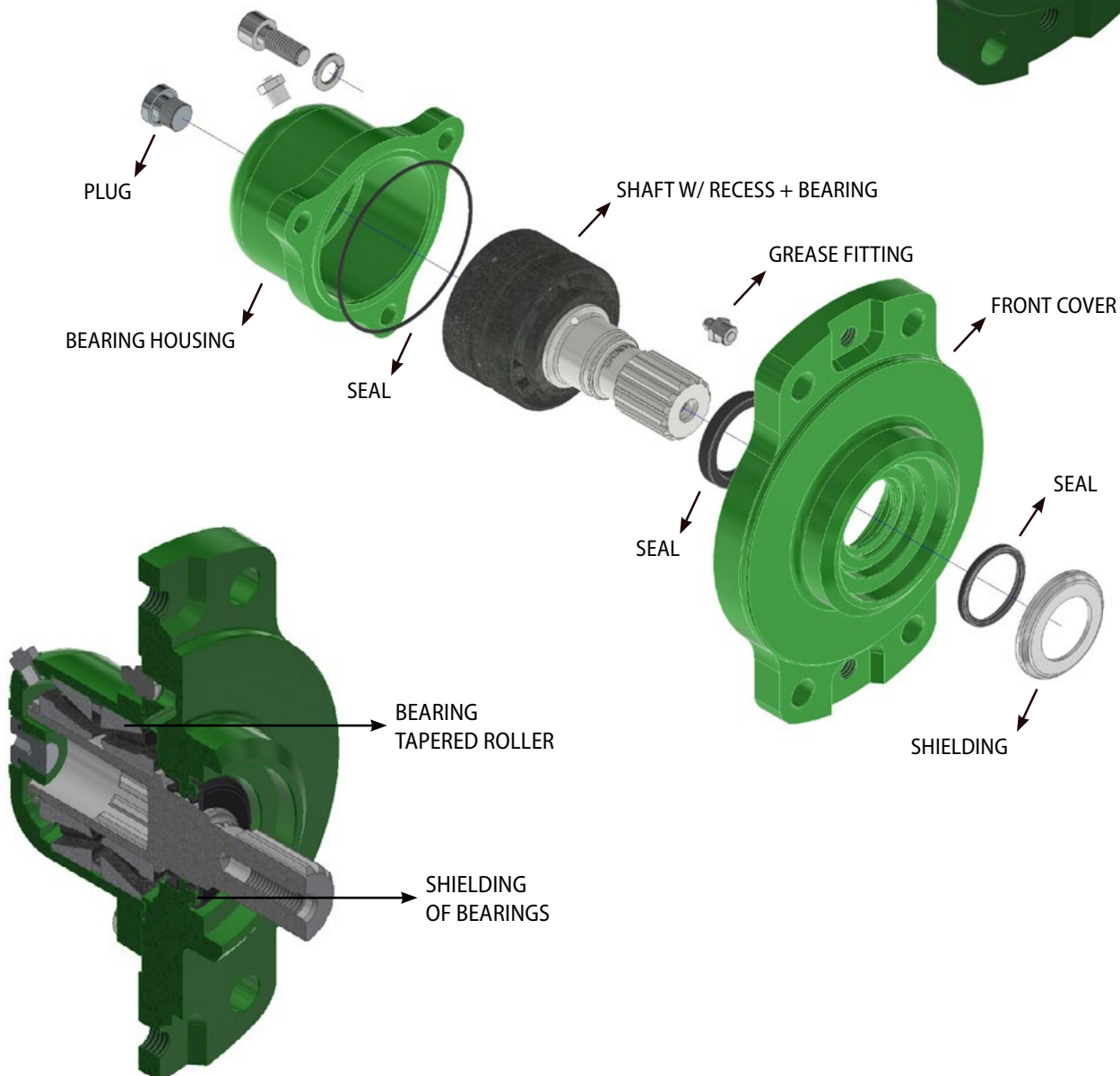


ROTATING HOUSING - ARMoured

UNIMIL® PN	058840
JOHN DEERE® PN	CB01478069, CB11469977, CB11506128, AXT19838, CXT33027

APPLICATION: CH3510 CH3520 CH3522 CH570 CH670 CH950

- Designed to operate for one harvest or 3500h
- 2x longer lifespan compared to standard competitive model
- Automatic system for internal pressure relief
- Protection system preventing impurities

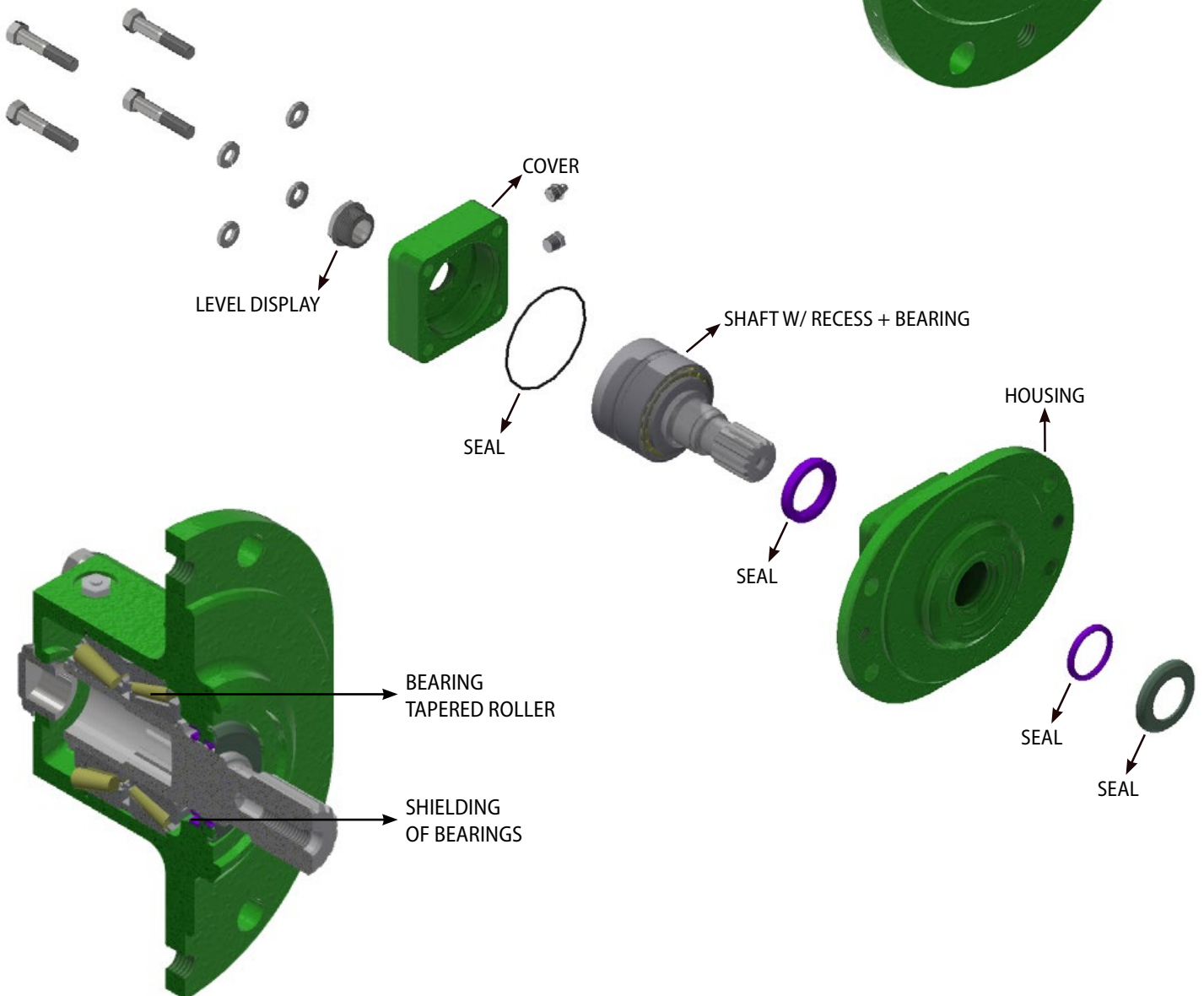
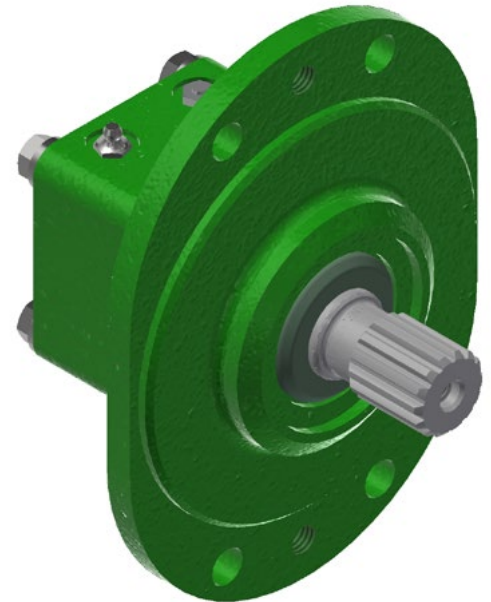


SPECIAL BEARING - ROTATING HOUSING

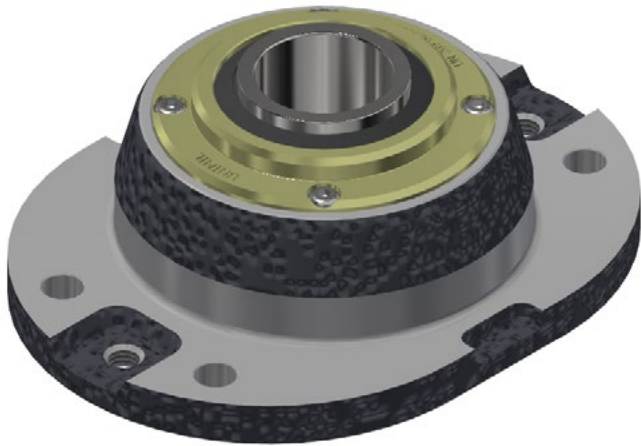
UNIMIL® PN	046424
JOHN DEERE® PN	CB01478069, CB11469977, CB11506128

APPLICATION: CH3510 CH3520 CH3522 CH570 CH670 CH950

- Designed to operate for one harvest or 3500h from the 3rd roll
- 2x longer lifespan compared to standard competitive model
- Automatic system for internal pressure relief
- Protection system preventing impurities



SEALED BEARING (HOUSING + BEARING + SEAL)



UNIMIL® PN 029558

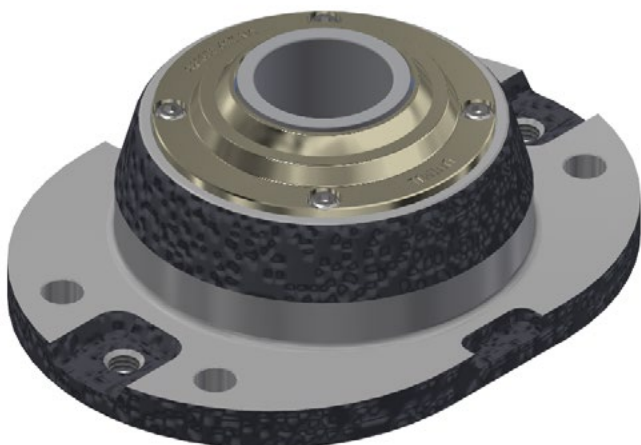
JOHN DEERE® PN CB01478069, CB11469977, CB11506128

APPLICATION: CH3510 CH3520 CH3522 CH570 CH670 CH950

- Sealed bearing
- Front protection with metal ring
- Rubber seal to protect the bearing
- Back protection with metal cover



SEALED BEARING W/ SPHERICAL BUSHING (BEARING + BUSHING + SEAL)



UNIMIL® PN 041898

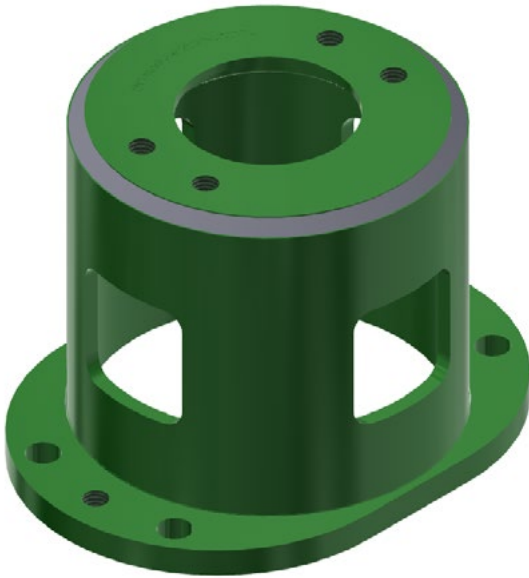
JOHN DEERE® PN CB01478069, CB11469977, CB11506128

APPLICATION: CH3510 CH3520 CH3522 CH570 CH670 CH950

- Sealed bearing
- Front protection with metal ring
- Metal bushing seal + graphite seal for bearing protection
- Back protection with metal cover



HOUSING WITH THREAD - WELDED STEEL



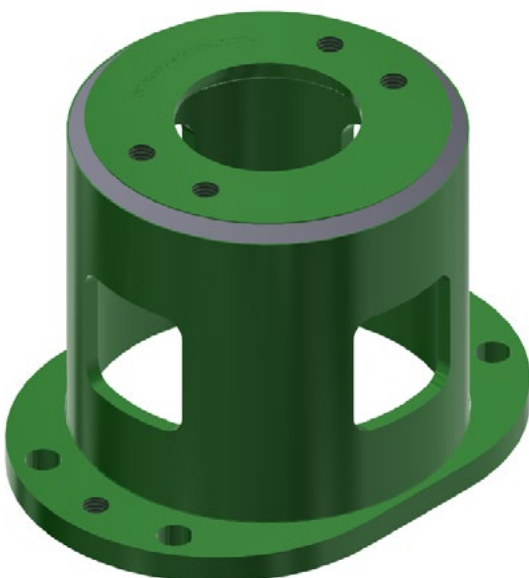
UNIMIL® PN	030235
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JOHN DEERE® PN	CB01426115, CB11421189
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APPLICATION: CH3510 CH3520 CH3522 CH570 CH670 CH950

- Housing with a thread in the upper part
- Welded steel tube
- 6mm thick wall

HOUSING - WELDED STEEL



UNIMIL® PN	030211
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JOHN DEERE® PN	CB01426115, CB11421189
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APPLICATION: CH3510 CH3520 CH3522 CH570 CH670 CH950

- Welded steel tube
- 6mm thick wall

HOUSING - TREATED

DURABILITY**3x HIGHER**

COMPARED TO STEEL HOUSING

**UNIMIL® PN****058742****JOHN DEERE® PN****CB01426115, CB11421189, CXT27826**

APPLICATION: CH3520 CH3522 CH570 CH670 CH950

- Nodular cast iron
- Heat treatment
- High hardness and wear resistance
- 3x longer lasting compared to steel
- 6mm thick wall

EXTRACTORS

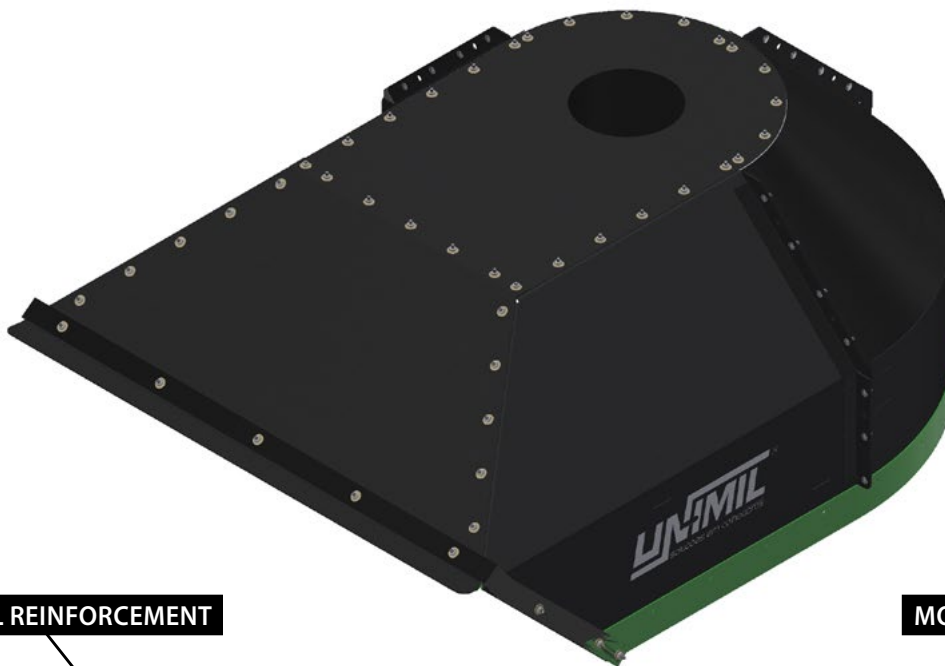
MODULATED METALLIC HOOD

PAT. REQ.

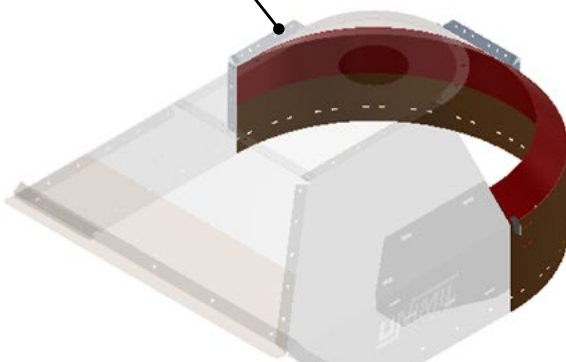
- UNIMIL® PN** 052079
- JOHN DEERE® PN** CB01449114, CB01486007, NW01449114

↑
2x HIGHER
 COMPARED TO CONVENTIONAL

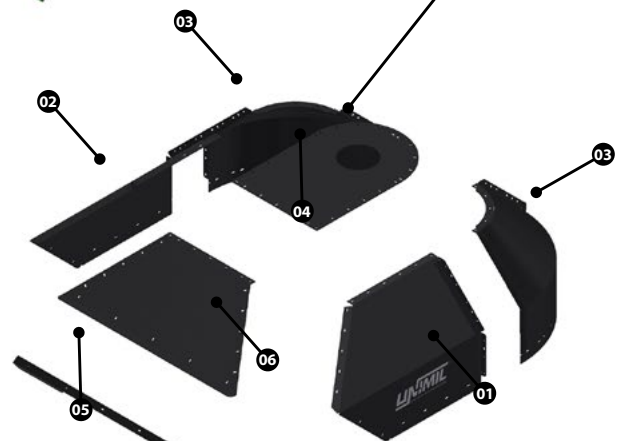
APPLICATION: CH3510 CH3520 CH3522 CH570 CH670 CH950



INTERNAL REINFORCEMENT



MODULAR DESIGN



- High performance material
- High wear resistance
- No breakages
- Modular design - Facilitates logistics and maintenance
- Internal reinforcement - Externally welded sheet
- 2x greater durability expectation (Field Tests - 22/23 Harvest)

PART LIST			
ITEM	UNIMIL® PN	DESCRIPTION	QTY
01	052068	SIDE SHEET (RH)	1
02	052094	SIDE SHEET (LH)	1
03	052076	BACK SHEET	2
04	044919	SUPERIOR SCHEET	1
05	044921	FRONTAL BELT	1
06	052098	FRONTAL SHEET	1

PRIMARY HOOD 22 MM

UNIMIL[®] PN

038344

JOHN DEERE[®] PN

CB01449114, CB01486007, NW01449114

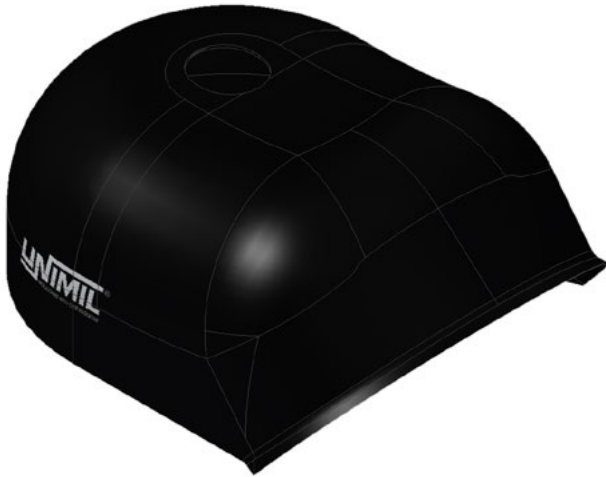
APPLICATION: CH3510 CH3520 CH3522 CH570 CH670 CH950

- Reinforced 22 mm (140kg / 308lb)
- The whole hood is manufactured with a thickness of 22 mm
- Increased impact resistance
- Coating is not required
- Pure material, high density and low porosity



22MM - IN ALL STRUCTURE

PRIMARY HOOD 12,70 MM



UNIMIL® PN	019732
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JOHN DEERE® PN	CB01486007
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APPLICATION: CH3510 CH3520 CH3522 CH570 CH670 CH950

- Thickness 12.7mm - 80 kg
- Coating is not required
- Pure material, high density and low porosity

SPECIAL WEAR STRIP - SINGLE PART



UNIMIL® PN	019736
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JOHN DEERE® PN	CB11485364
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APPLICATION: CH3510 CH3520 CH3522 CH570 CH670 CH950

- Improvement - Single part - 43 kg
- It increases life expectancy of the primary extractor guard
- It avoids turnaround maintenance during harvesting

SECONDARY HOOD



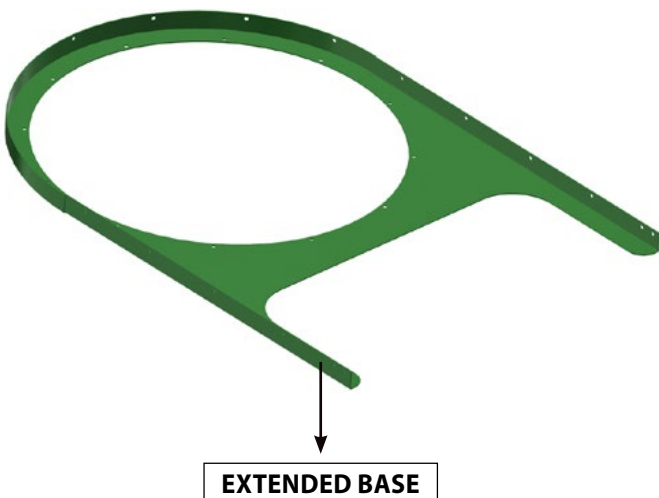
UNIMIL® PN	019731
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JOHN DEERE® PN	CB01486999
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APPLICATION: CH3510 CH3520 CH3522 CH570 CH670

- Mat. PEAD
- Thickness 12.7mm / 39kg

BASE - SECONDARY HOOD



UNIMIL® PN	010774
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JOHN DEERE® PN	AXT18056, CB11432142, CB11488003
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APPLICATION: CH3510 CH3520 CH3522 CH570 CH670

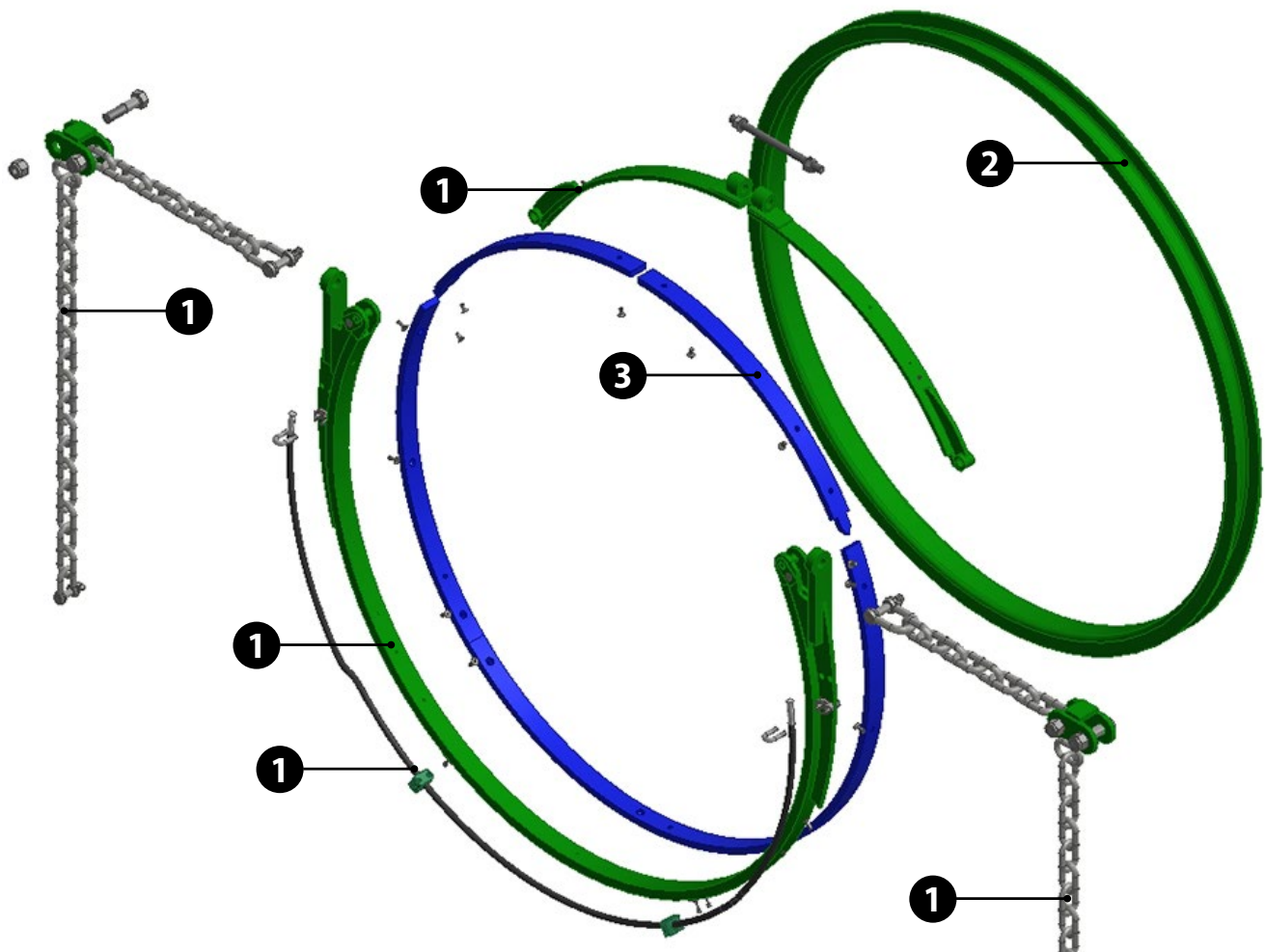
- Extended base, increases supporting area
- Improved hood fixing, preventing cracks

EXTRACTOR ROUND BELT WITH "U" PROFILE

APPLICATION: CH3510 CH3520 CH3522

- Greater safety during operation
- Increased durability and mechanical resistance
- It includes self-lubricating sliding Nylon, improving wear resistance
- Decreases maintenance cost, as it allows to replace just the Nylon part

IT REPLACES THE ROTATING
ELEVATOR SUPPORT,
PULLEYS AND STEEL CABLES



1 ROUND BELT KIT

UNIMIL[®] PN

025866

2 RING PROFILE "U"

UNIMIL[®] PN

021576

3 WEAR BAR KIT

UNIMIL[®] PN

029142

1 2 3 COMPLETE KIT

UNIMIL[®] PN

029194

MODULAR SUPPORT

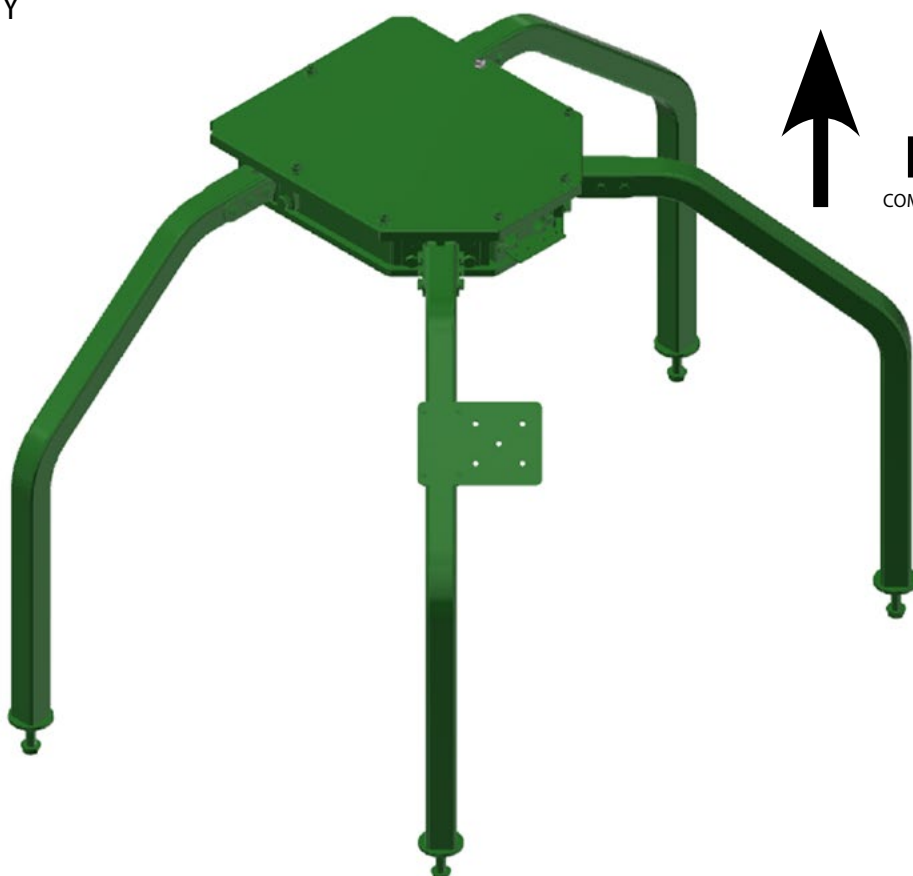
UNIMIL EXCLUSIVITY

PAT. REQ.

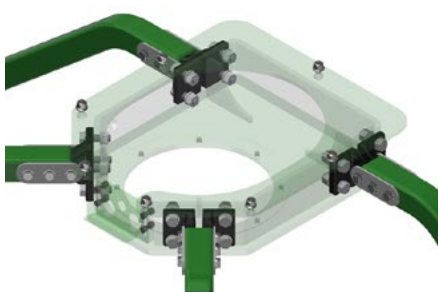


**2x
HIGHER**

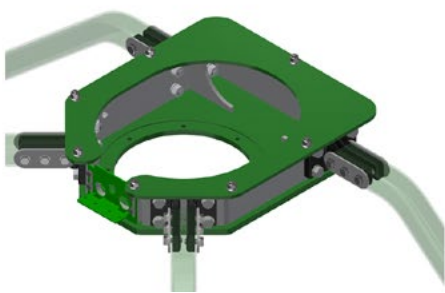
COMPARED TO CONVENTIONAL



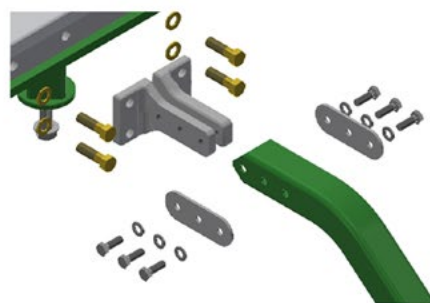
MODULAR ARMS



GREATER VIBRATION ABSORPTION



INDEPENDENT EXCHANGE



UNIMIL® PN 050404

JOHN DEERE® PN AXT10345, AXT15471, CB11472923

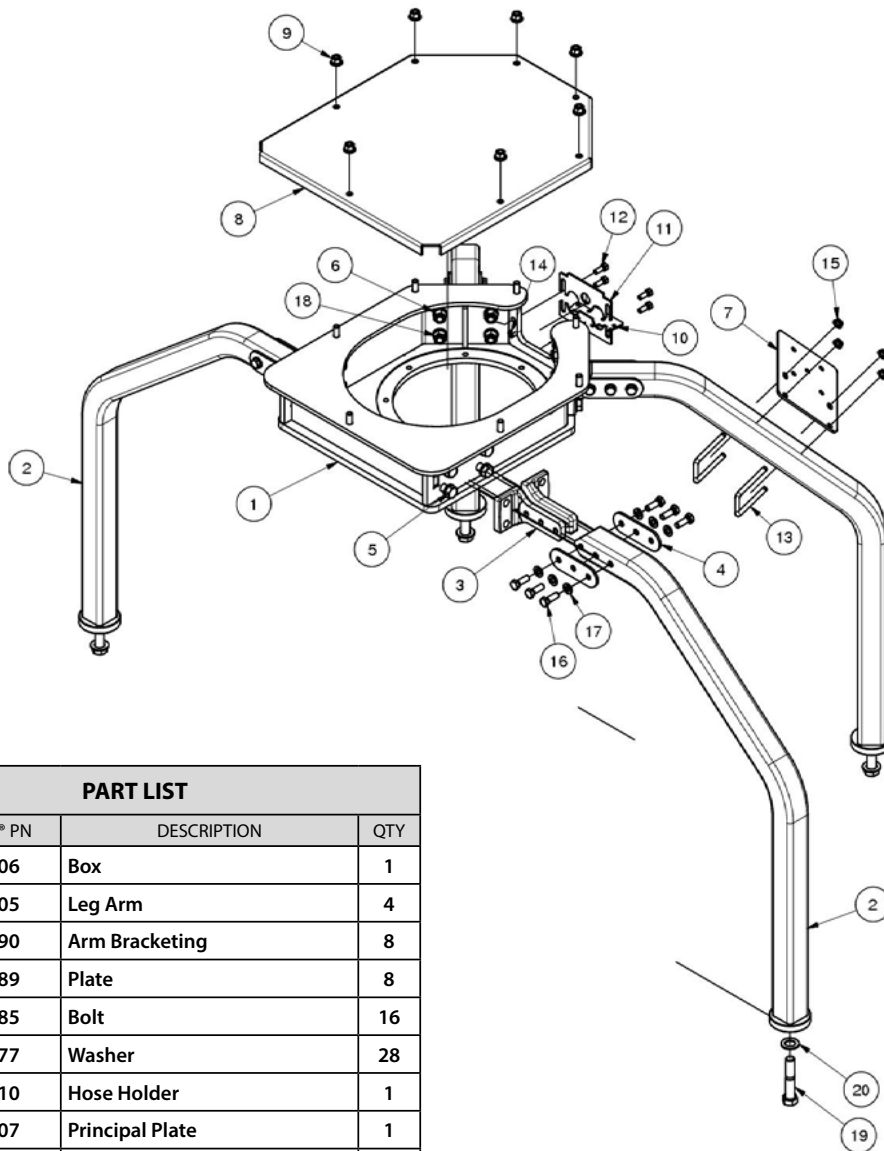
APPLICATION: CH3510 CH3520 CH3522 CH570 CH670 CH950

- Modular design: Allows independent arm replacement and facilitates transport, storage and maintenance
- Greater vibration absorption of the system avoiding cracks
- 2x greater durability expectation (Tests - 22/23 Harvest)

**PARTS LIST ON
NEXT PAGE**

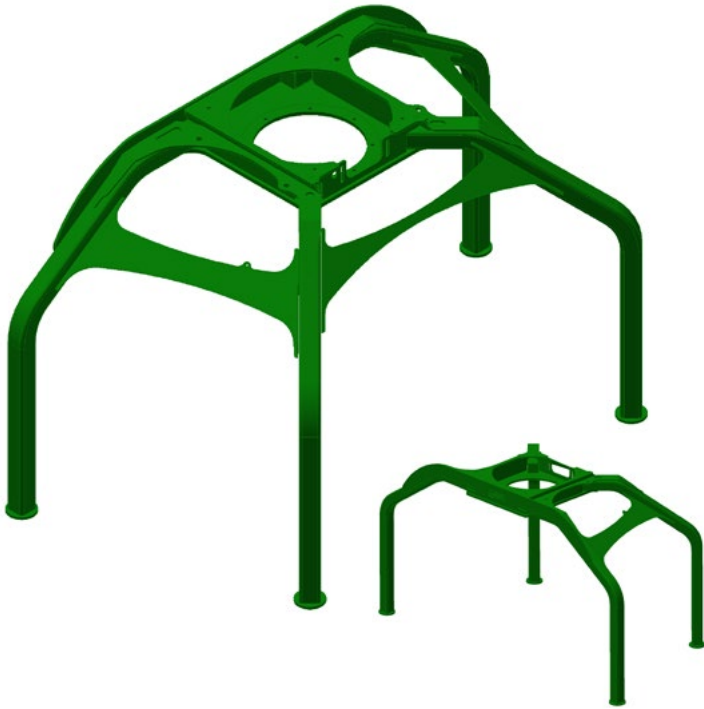
MODULAR SUPPORT - PARTS LIST

UNIMIL EXCLUSIVITY

PAT. REQ.


PART LIST			
ITEM	UNIMIL® PN	DESCRIPTION	QTY
1	050406	Box	1
2	050405	Leg Arm	4
3	016790	Arm Bracketing	8
4	016789	Plate	8
5	007185	Bolt	16
6	001377	Washer	28
7	050410	Hose Holder	1
8	050407	Principal Plate	1
9	050412	Nut	7
10	050408	Bottom Hose Holder	1
11	050409	Top Hose Holder	1
12	003537	Bolt	4
13	050411	U Clip	2
14	042445	Nut	4
15	009916	Nut Hex	4
16	003881	Bolt	24
17	002922	Washer	24
18	002893	Nut Hex	16
19	022562	Bolt	4
20	002915	Washer	4

SUPPORT - REINFORCED SQUARE TUBE



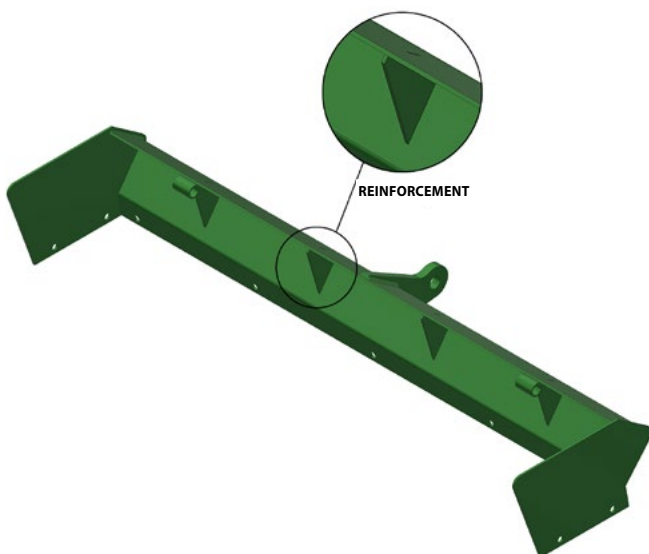
UNIMIL® PN	047383
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JOHN DEERE® PN	AXT19229
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APPLICATION: CH3510 CH3520 CH3522 CH570 CH670 CH950

- High strength square tube
- Developed to offer greater mechanical capacity
- Standardization for all John Deere harvester models

FLAP - SECONDARY EXT



UNIMIL® PN	010777
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JOHN DEERE® PN	CB11473203
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APPLICATION: CH3510 CH3520 CH3522 CH570 CH670

- Internal reinforcements
- Increased durability
- Reduction of warpage during operation

BEARING - PRIMARY EXT

UNIMIL[®] PN

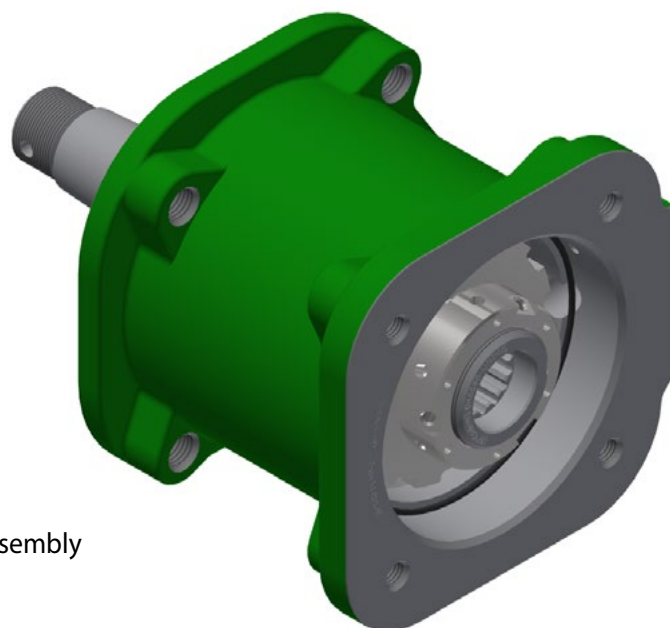
056923

JOHN DEERE[®] PN

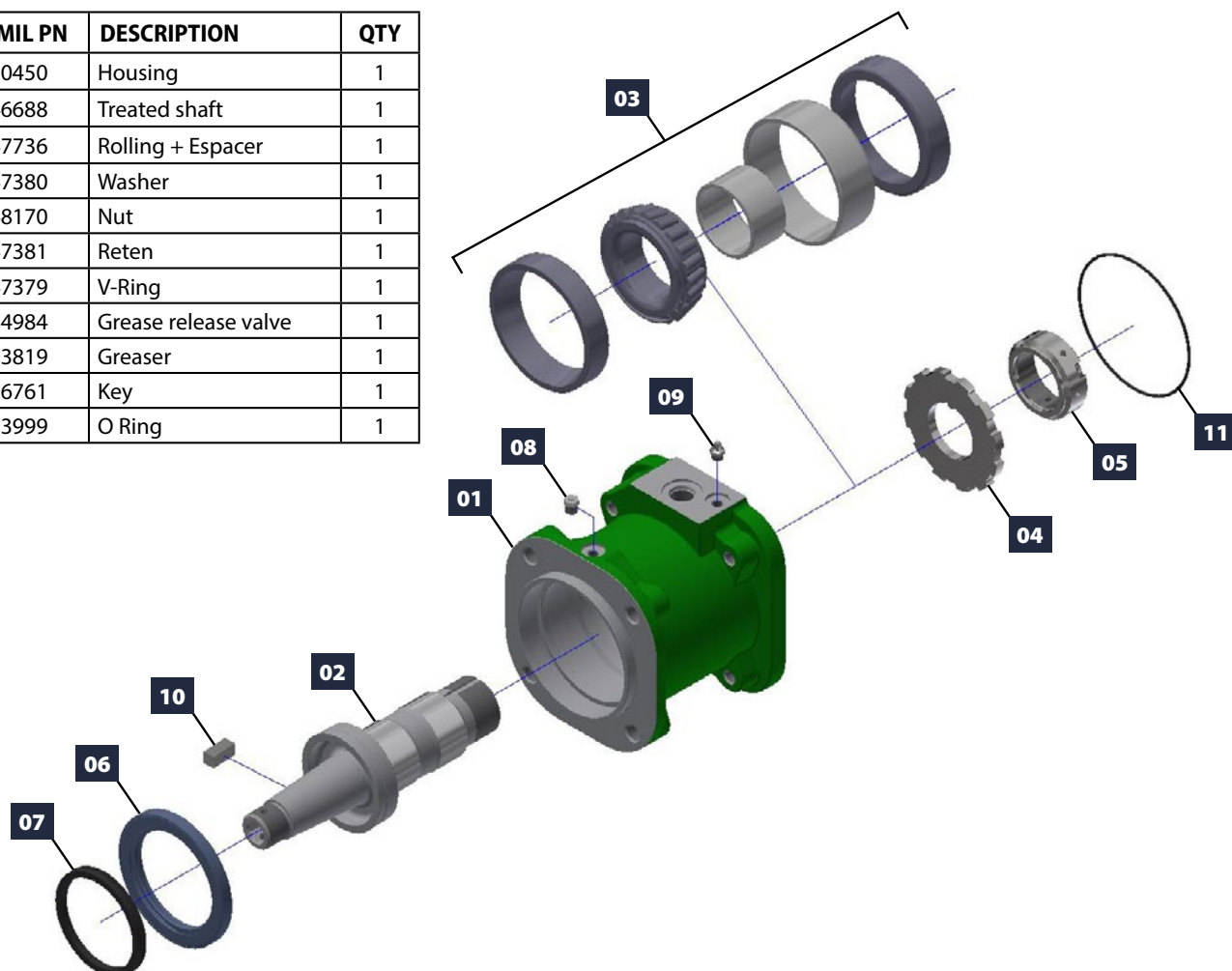
AXT18884

APPLICATION: CH570 CH670 CH950

- No adaptation needed
- Original for models from 2021 onwards
- Absorbs vibrations and impacts in the exhaust system
- Prevents possible cracks in the motor housing
- Reduces leaks, preserving the engine
- Motor rotates freely, not affected by the weight of the blade assembly



ITEM	UNIMIL PN	DESCRIPTION	QTY
1	050450	Housing	1
2	046688	Treated shaft	1
3	047736	Rolling + Espacer	1
4	047380	Washer	1
5	048170	Nut	1
6	047381	Reten	1
7	047379	V-Ring	1
8	014984	Grease release valve	1
9	003819	Greaser	1
10	026761	Key	1
11	033999	O Ring	1

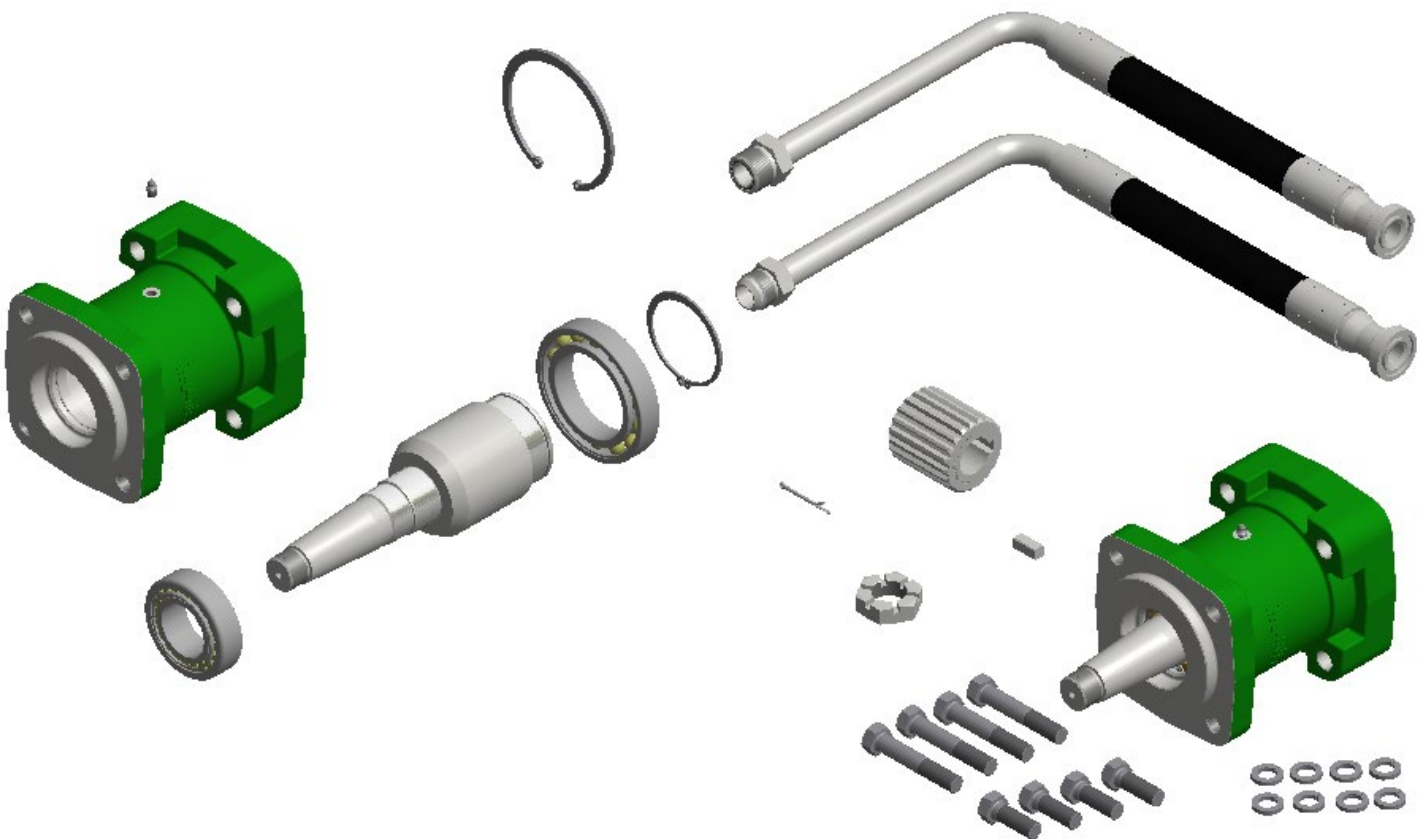
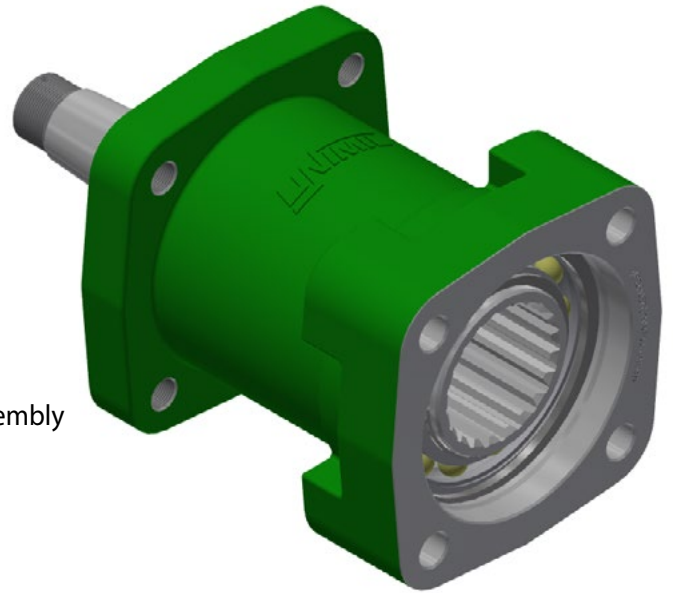


BEARING - PRIMARY EXT

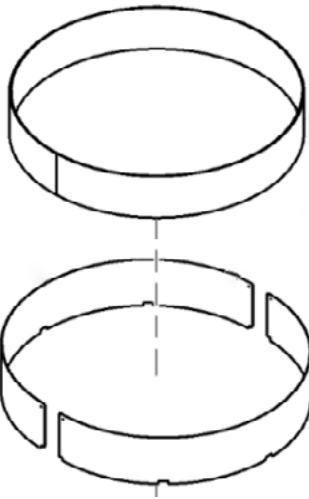
PAT. REQ.
UNIMIL® PN
004753

APPLICATION: CH3510 CH3520 CH3522 CH570 CH670

- Does not need adaptation
- Absorbs vibrations and impacts in the exhaust system
- Prevents possible cracks in the motor housing
- Reduces leaks, preserving engine wear
- Motor rotates freely, not affected by the weight of the blade assembly



PRIMARY EXT WEAR RING 6+4 MM



TOP (PAIR)

UNIMIL® PN 034035

JOHN DEERE® PN 0291363721, 0291370448, CXT32052, CXT33980

APPLICATION: CH3510 CH3520 CH3522 CH570 CH670 CH950

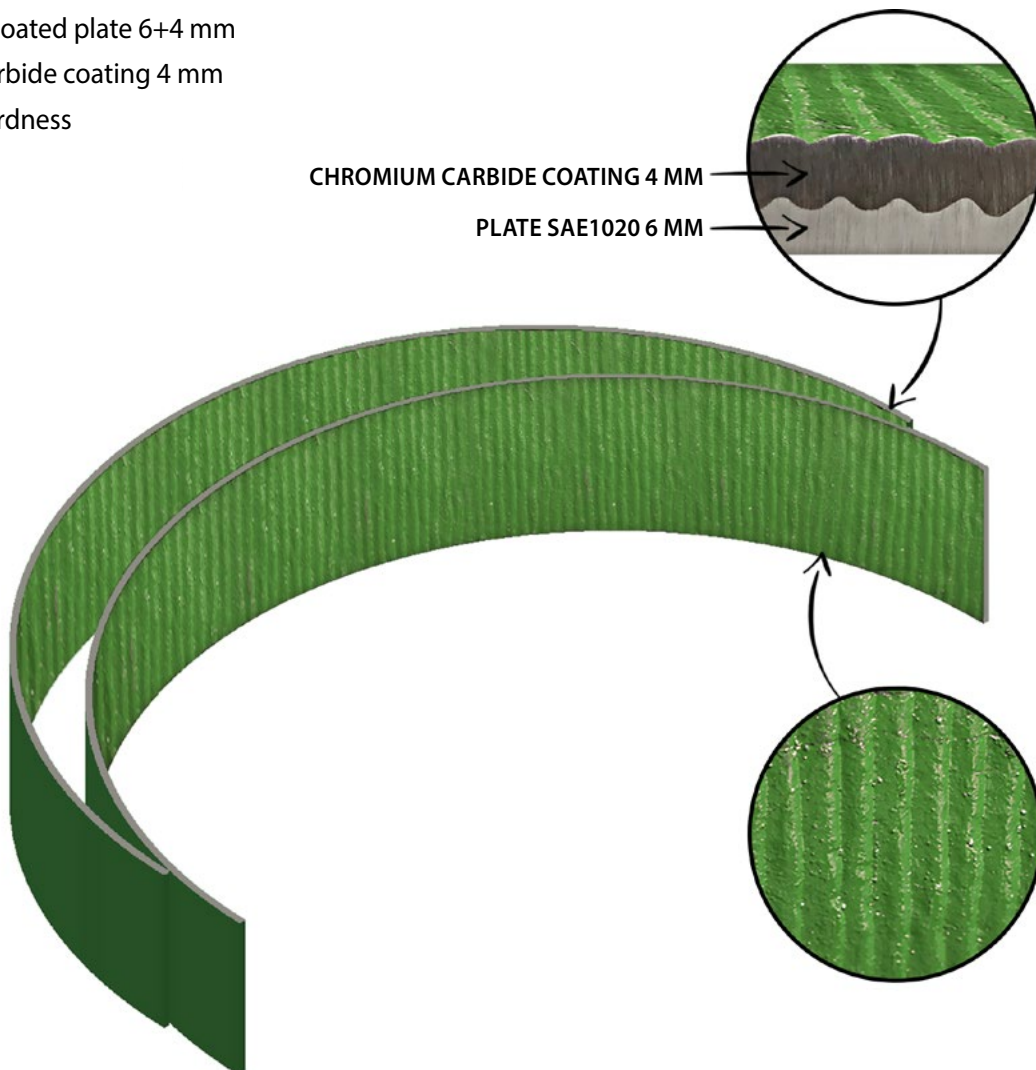
BOTTOM (HALF RING)

UNIMIL® PN 045225

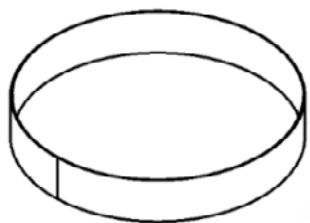
JOHN DEERE® PN CB01417804, CB01432582, CB11512675

APPLICATION: CH3510 CH3520 CH3522 CH570 CH670

- "Hardfacing" coated plate 6+4 mm
- Chromium carbide coating 4 mm
- 56-58 HRC hardness



PRIMARY EXT WEAR RING (PAIR) FLAT - HARDOX 450

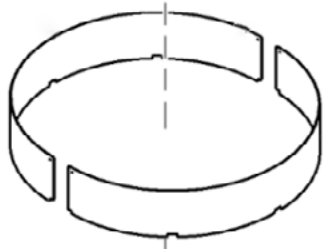


TOP

UNIMIL® PN	020881
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JOHN DEERE® PN	0291363721, 0291370448, CXT32052, CXT33980
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APPLICATION: CH3510 CH3520 CH3522 CH570 CH670 CH950



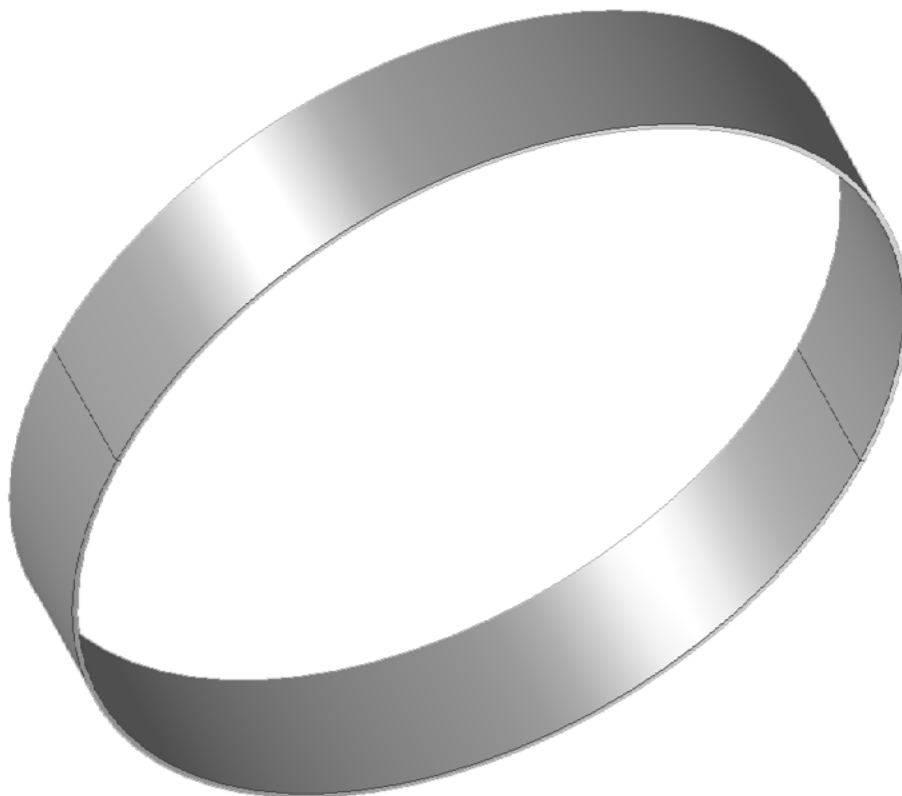
BOTTOM

UNIMIL® PN	038280
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JOHN DEERE® PN	CB01417804, CB01432582, CB11512675
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APPLICATION: CH3510 CH3520 CH3522 CH570 CH670

• Hardox 450 - Thickness 5mm



SECONDARY EXT WEAR RING - MAT. A36



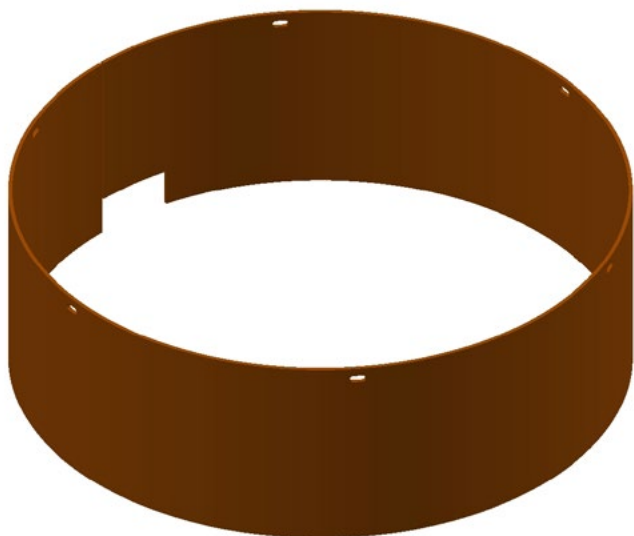
UNIMIL [®] PN	020583
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JOHN DEERE [®] PN	CB01452630
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APPLICATION: CH3520 CH3522 CH570 CH670

- Mat. A36
- Thickness 3/16"

SECONDARY EXT WEAR RING - HARDOX 450



UNIMIL [®] PN	020885
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JOHN DEERE [®] PN	CB01452630
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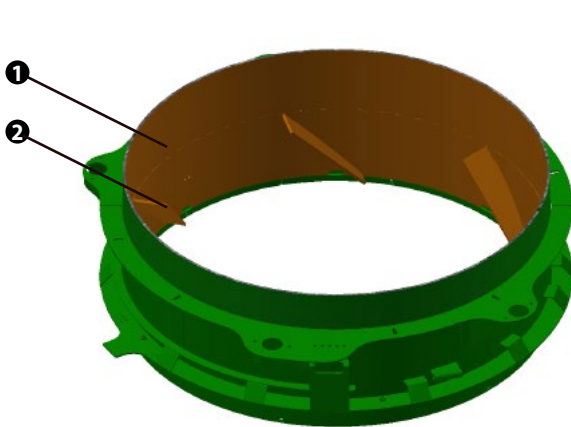
APPLICATION: CH3520 CH3522 CH570 CH670

- Hardox 450
- Thickness 6mm

HOUSING - PRIMARY EXT

JOHN DEERE® PN AXT11027, AXT11028, CB11473145, CB11473147

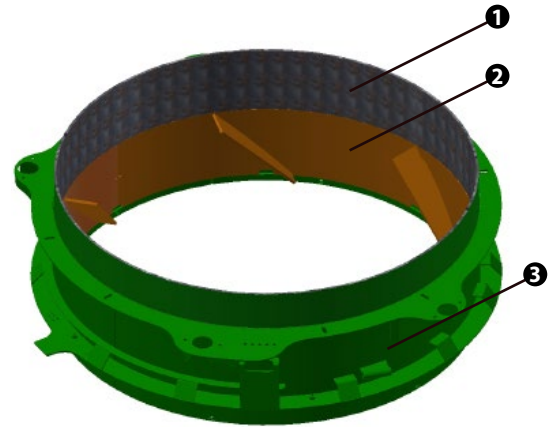
APPLICATION: CH3510 CH3520 CH3522 CH570 CH670



HARDOX 450

UNIMIL® PN 045218

- ❶ Wear Ring + Deflectors: Hardox 450
- ❷ Frame: SAE1020



COATED PLATE 6+4

UNIMIL® PN 045219

- ❶ Upper Ring + Deflectors: Coated plate 6+4
- ❷ Lower Ring: Hardox 450
- ❸ Frame: SAE1020

COATING ON CHROMIUM CARBIDE



SAE 1020

UNIMIL® PN 011121

Complete Extractor: SAE1020
Frame: SAE1020



NO WEAR RING

UNIMIL® PN 045221

Extractor without Ring and Deflector (frame only)
Unpainted
Frame: SAE1020

RING COATING



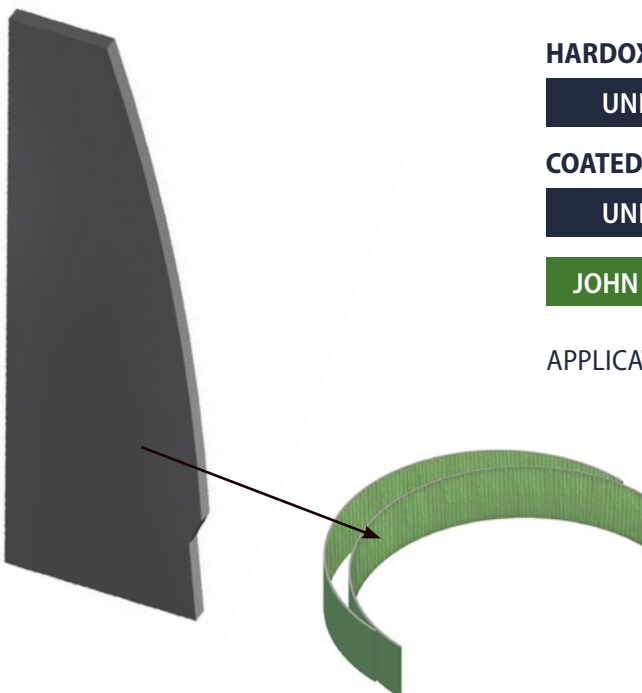
UNIMIL® PN	020884
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JOHN DEERE® PN	CXT33980
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APPLICATION: CH570 CH670 CH950

- Hardox 450
- Thickness 6MM

DEFLECTOR - PRIMARY EXT WEAR RING



HARDOX 450 10MM

UNIMIL® PN	033669
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COATED PLATE 6+4MM

UNIMIL® PN	045220
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JOHN DEERE® PN	CB01422414
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APPLICATION: CH3510 CH3520 CH3522 CH570 CH670 CH950

EXTRACTOR CHAIN SWIVEL

APPLICATION: CH3510 CH3520 CH3522 CH570 CH670

- High toughness and hardenability compared to the market, ensuring maximum durability
- High resistance to wear, traction and fatigue, offering reliable performance avoiding unwanted stops

CHAIN SWIVEL PRIMARY EXTRACTOR 3.07M 80H - 1 ADDITIONAL LINK

UNIMIL® PN	050460
JOHN DEERE® PN	CB01474000, 0210007345



PRIMARY EXTRACTOR



CHAIN SWIVEL SECONDARY EXTRACTOR 3.31M 2060H - 1 ADDITIONAL LINK

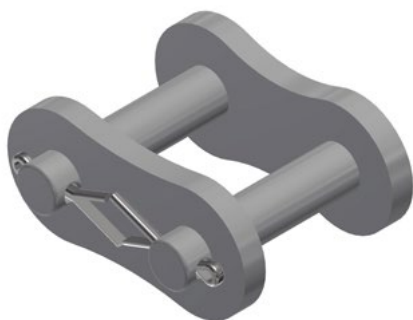
UNIMIL® PN	049667
JOHN DEERE® PN	0210286250, 0211308168



SECONDARY EXTRACTOR



CHAIN LINK PRIMARY EXTRACTOR - 80H



UNIMIL® PN

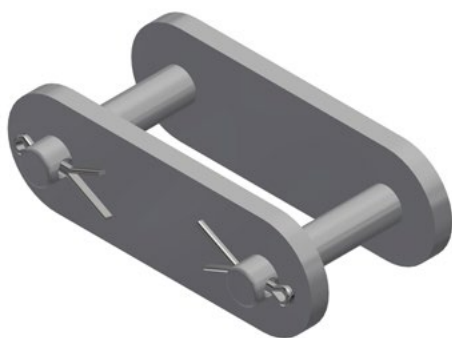
050458

JOHN DEERE® PN

SW80COUS

APPLICATION: CH3510 CH3520 CH3522 CH570 CH670 CH950

CHAIN LINK SECONDARY EXTRACTOR - 2060H



UNIMIL® PN

049668

JOHN DEERE® PN

SW2060COUS

APPLICATION: CH3510 CH3520 CH3522 CH570 CH670

SPOTTED CARVED GEAR - PRIMARY EXTRACTOR



UNIMIL® PN	025581
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JOHN DEERE® PN	0221349755, AXT13039, CXT13076
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APPLICATION: CH3510 CH3520 CH3522 CH570 CH670 CH950

- Reduced maintenance and less equipment downtime
- Char-Lynn engine standardization
- Greater durability of the kit (gear, axle and motor)
- Substitutes the original motor (Key) for the Charlynn motor (Chiselled) 18,7 - 24,0 - 30,0 CID

SPOTTED CARVED GEAR - SECONDARY EXTRACTOR



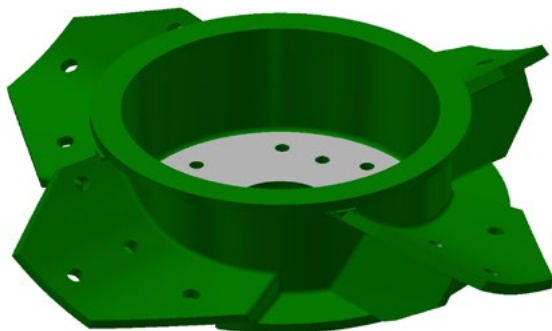
UNIMIL® PN	028905
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JOHN DEERE® PN	0220286626
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APPLICATION: CH3510 CH3520 CH3522 CH570 CH670 CH950

- Internally carved instead of keyway

PRIMARY EXTRACTOR FAN



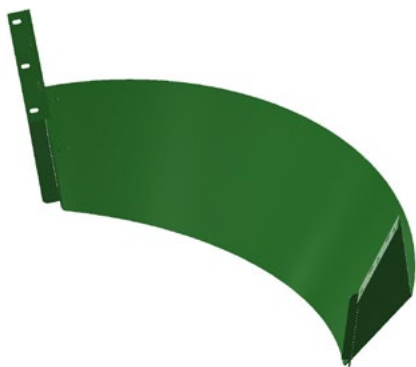
UNIMIL® PN	030913
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JOHN DEERE® PN	AXT15253
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APPLICATION: CH3510 CH3520 CH3522 CH570 CH670 CH950

- Welded steel hub
- Coating applied to wear locations
- Balancing according to ISO standard

DEFLECTOR - PRIMARY EXTRACTOR

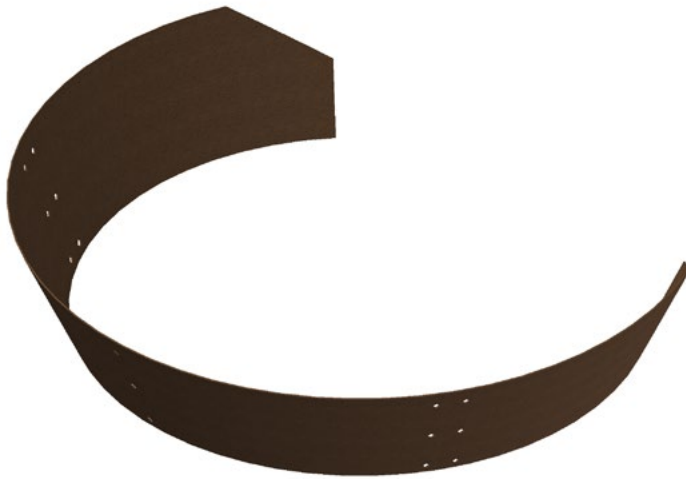


UNIMIL® PN	005018
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JOHN DEERE® PN	1191391929
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APPLICATION: CH3520 CH3522 CH570 CH670

PRIMARY EXTRACTOR LOUVER



UNIMIL® PN	052141
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JOHN DEERE® PN	CB01399063, CB01460482
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APPLICATION: CH3510 CH3520 CH3522 CH570 CH670

- Hardox 450
- Thickness 4mm

PRIMARY EXTRACTOR LOUVER



UNIMIL® PN	018696
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JOHN DEERE® PN	CB01399063, CB01460482
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APPLICATION: CH3510 CH3520 CH3522 CH570 CH670

- SAE 1020
- Thickness 3/16"

PRIMARY EXT FAN BLADE

KIT 4 PCS

- **DIGITAL AND AUTOMATIC WEIGHING SYSTEM:** it selects fan blades with a difference of up to 5g within the same group
- **CHEMICAL ANALYSIS FOR MATERIAL CONTROL:** it certifies steel quality and legitimacy
- **THREE-DIMENSIONAL MEASURING:** which highly guarantees technical specifications

APPLICATION: CH570 CH670 CH950



MAT. 1045 - UNCOATED

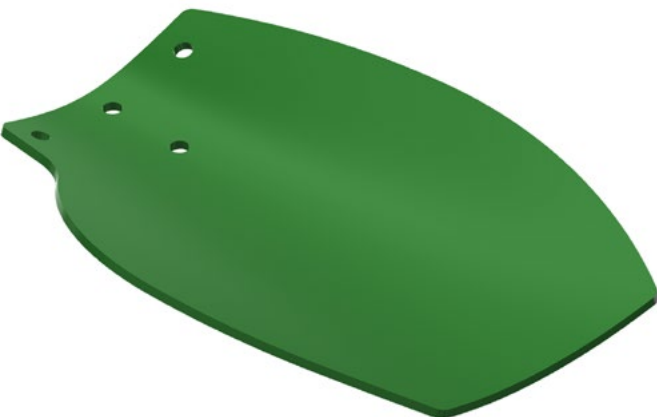
UNIMIL® PN	033712
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JOHN DEERE® PN	AXT16378
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MAT. 1020 - UNCOATED

UNIMIL® PN	038543
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JOHN DEERE® PN	AXT16378
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MAT. 1045 - UNCOATED (PAINTED)

UNIMIL® PN	050389
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JOHN DEERE® PN	AXT16378
----------------	----------

MAT. 1020 - COATED (PAINTED)

UNIMIL® PN	030562
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JOHN DEERE® PN	AXT16378
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PRIMARY EXT FAN BLADE

KIT 4 PCS

- **DIGITAL AND AUTOMATIC WEIGHING SYSTEM:** it selects fan blades with a difference of up to 5g within the same group
- **CHEMICAL ANALYSIS FOR MATERIAL CONTROL:** it certifies steel quality and legitimacy
- **THREE-DIMENSIONAL MEASURING:** which highly guarantees technical specifications

APPLICATION: CH3510 CH3520 CH3522



MAT. 1020 - THICKNESS 1/4"

UNIMIL® PN	023732
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JOHN DEERE® PN	1191396297
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MAT. 1045 - THICKNESS 1/4"

UNIMIL® PN	023733
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JOHN DEERE® PN	1191396297
----------------	------------



MAT. 1020 - THICKNESS 1/4" (PAINTED)

UNIMIL® PN	026394
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JOHN DEERE® PN	1191396297
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MAT. 1045 - THICKNESS 1/4" (PAINTED)

UNIMIL® PN	026395
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JOHN DEERE® PN	1191396297
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SECONDARY EXT FAN BLADE

KIT 3 PCS

- **DIGITAL AND AUTOMATIC WEIGHING SYSTEM:** it selects fan blades with a difference of up to 5g within the same group
- **CHEMICAL ANALYSIS FOR MATERIAL CONTROL:** it certifies steel quality and legitimacy
- **THREE-DIMENSIONAL MEASURING:** which highly guarantees technical specifications

APPLICATION: CH3510 CH3520 CH3522 CH570 CH670



MAT. 1020 - THICKNESS 1/4"

UNIMIL® PN 023736

JOHN DEERE® PN 1190286278

MAT. 1045 - THICKNESS 3/16"

UNIMIL® PN 023737

JOHN DEERE® PN 1190286278

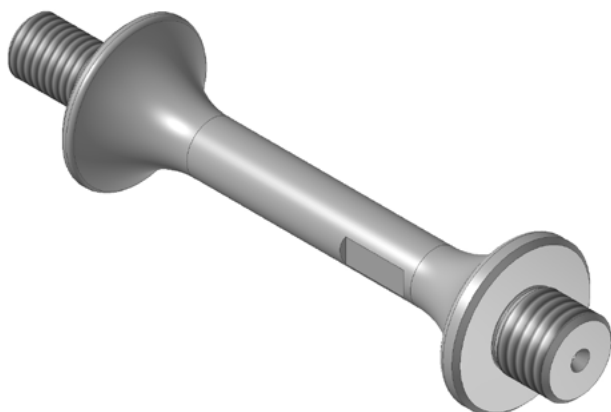


MAT. 1020 - THICKNESS 1/4" (RECTANGULAR)

UNIMIL® PN 029298

JOHN DEERE® PN 1190286278

ROD - ZINC PLATED



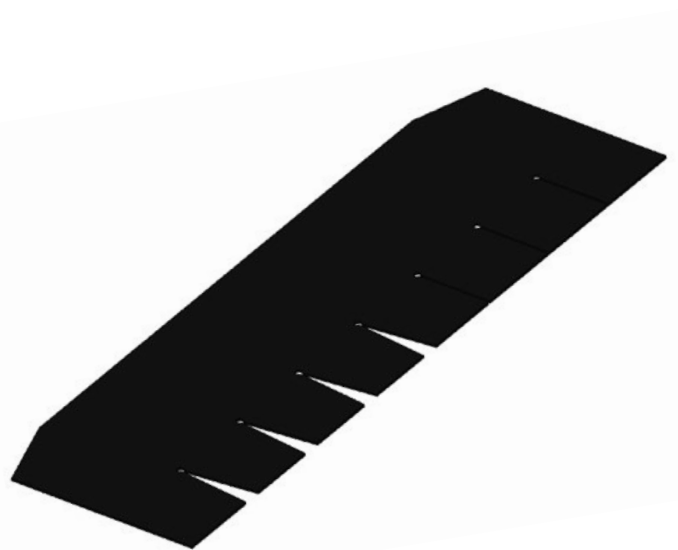
UNIMIL® PN	056233
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JOHN DEERE® PN	CXT22405
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APPLICATION: CH3520 CH3522 CH570 CH670 CH950

- Zinc Plating Surface Treatment

COATING - PRIMARY HOOD



UNIMIL® PN	035075
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JOHN DEERE® PN	CB11485364
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APPLICATION: CH3510 CH3520 CH3522 CH570 CH670 CH950

CHOPPER

CHOPPER GEARBOX - COMPLETE

3rd VERSION

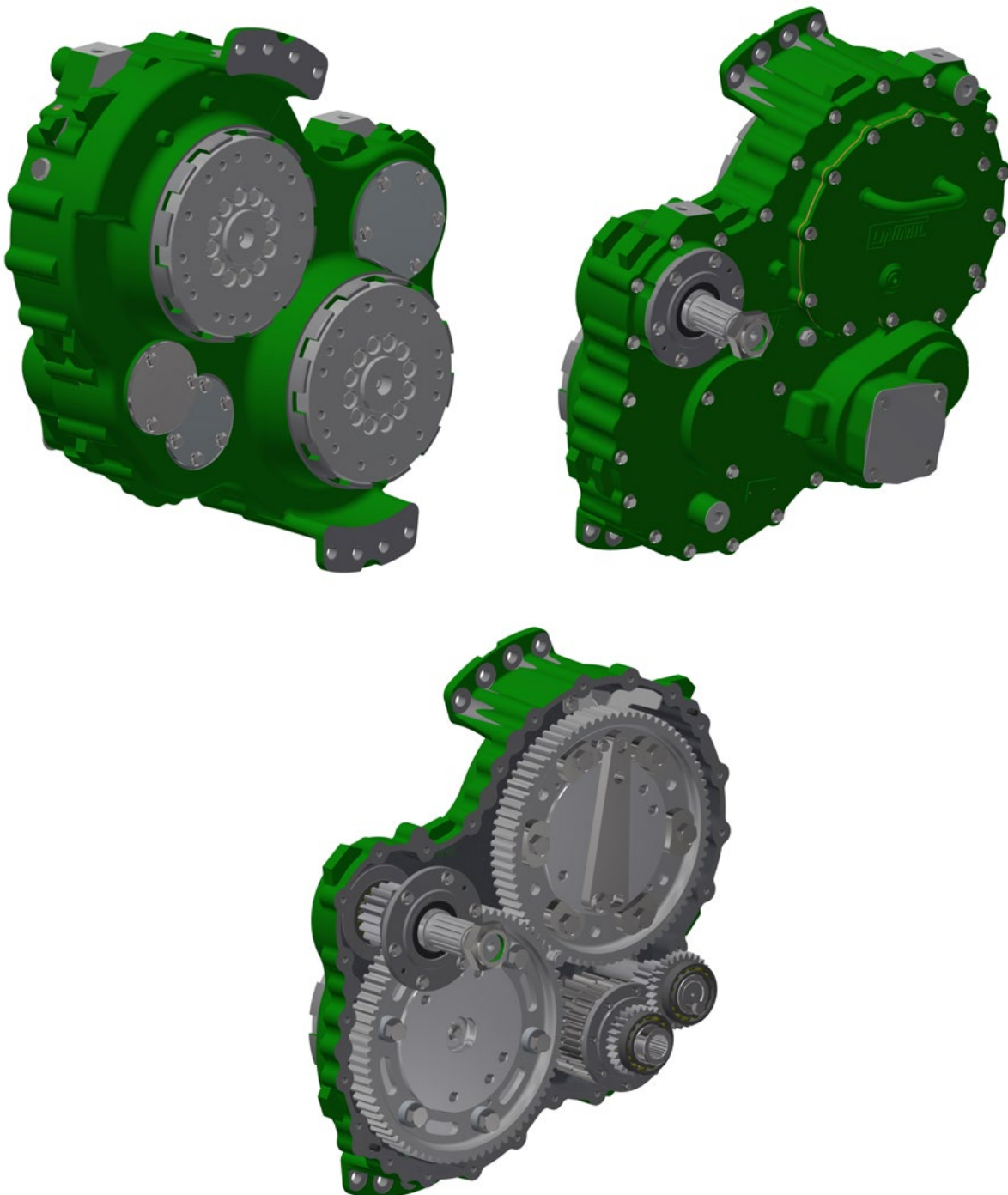
UNIMIL® PN

054769

JOHN DEERE® PN

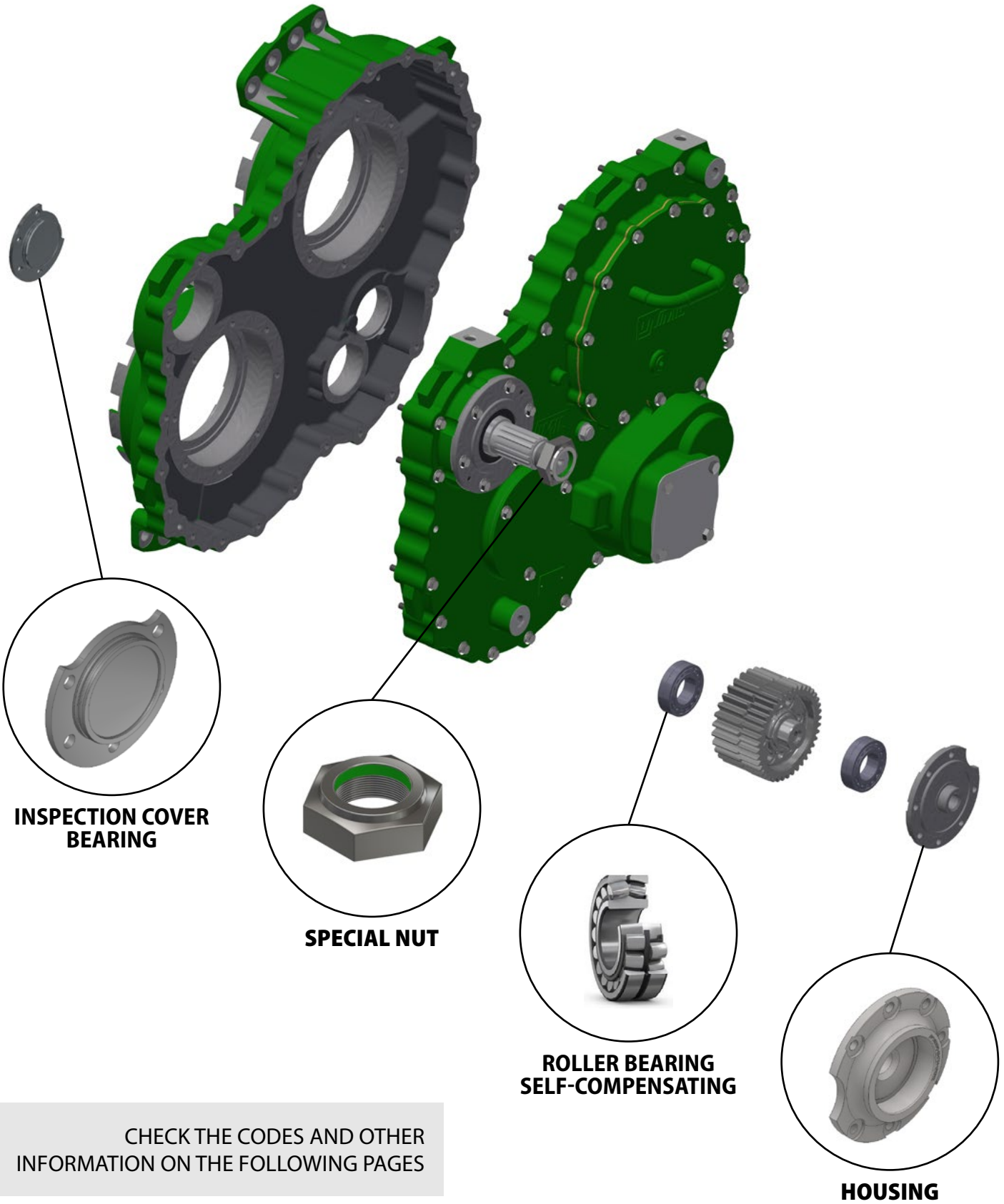
DE31262, DE31980, DE32261, DE32579

APPLICATION: CH570 CH670 CH950



CHOPPER GEARBOX - IMPROVEMENTS

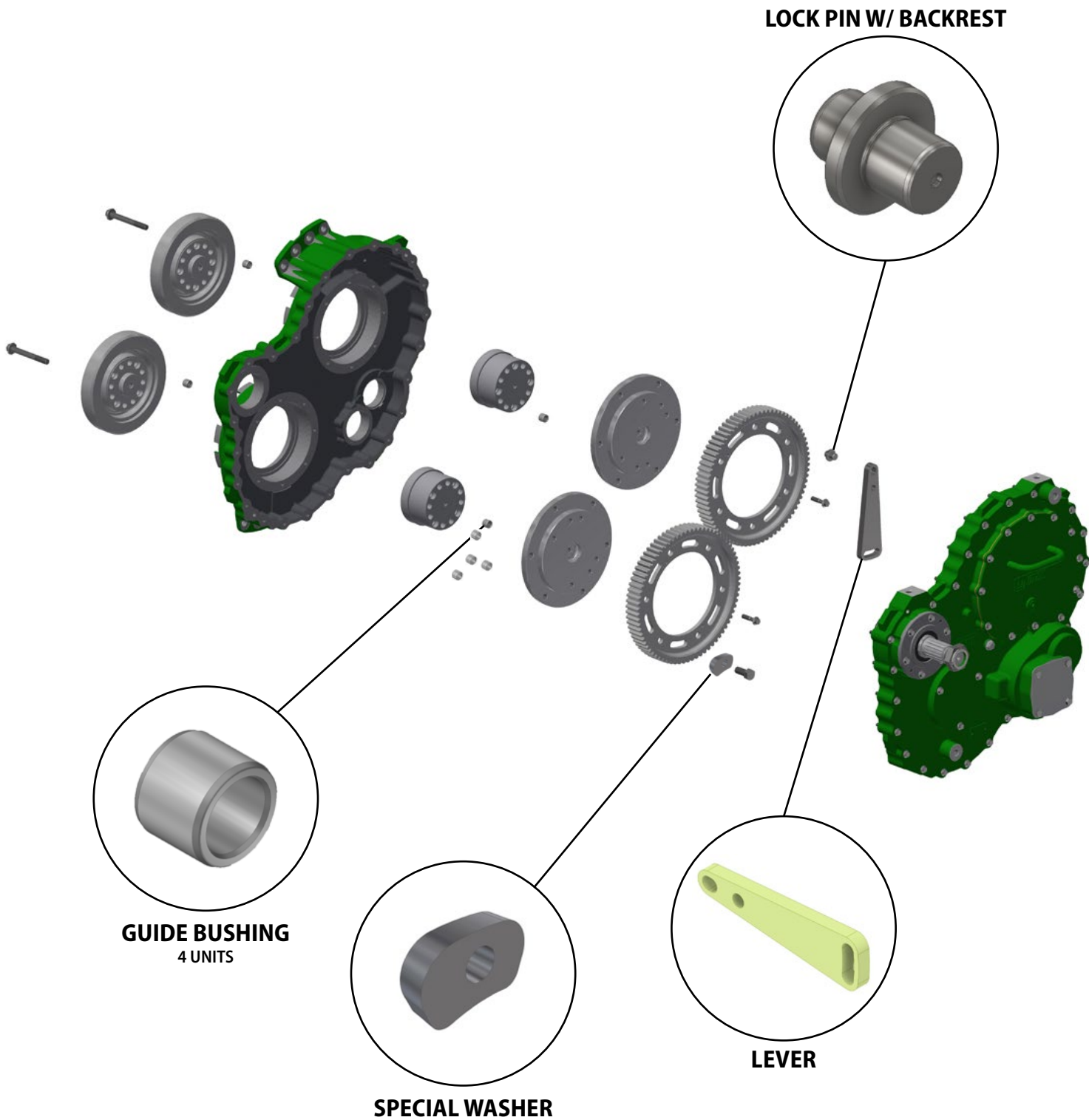
3rd VERSION



CHECK THE CODES AND OTHER INFORMATION ON THE FOLLOWING PAGES

CHOPPER GEARBOX - IMPROVEMENTS

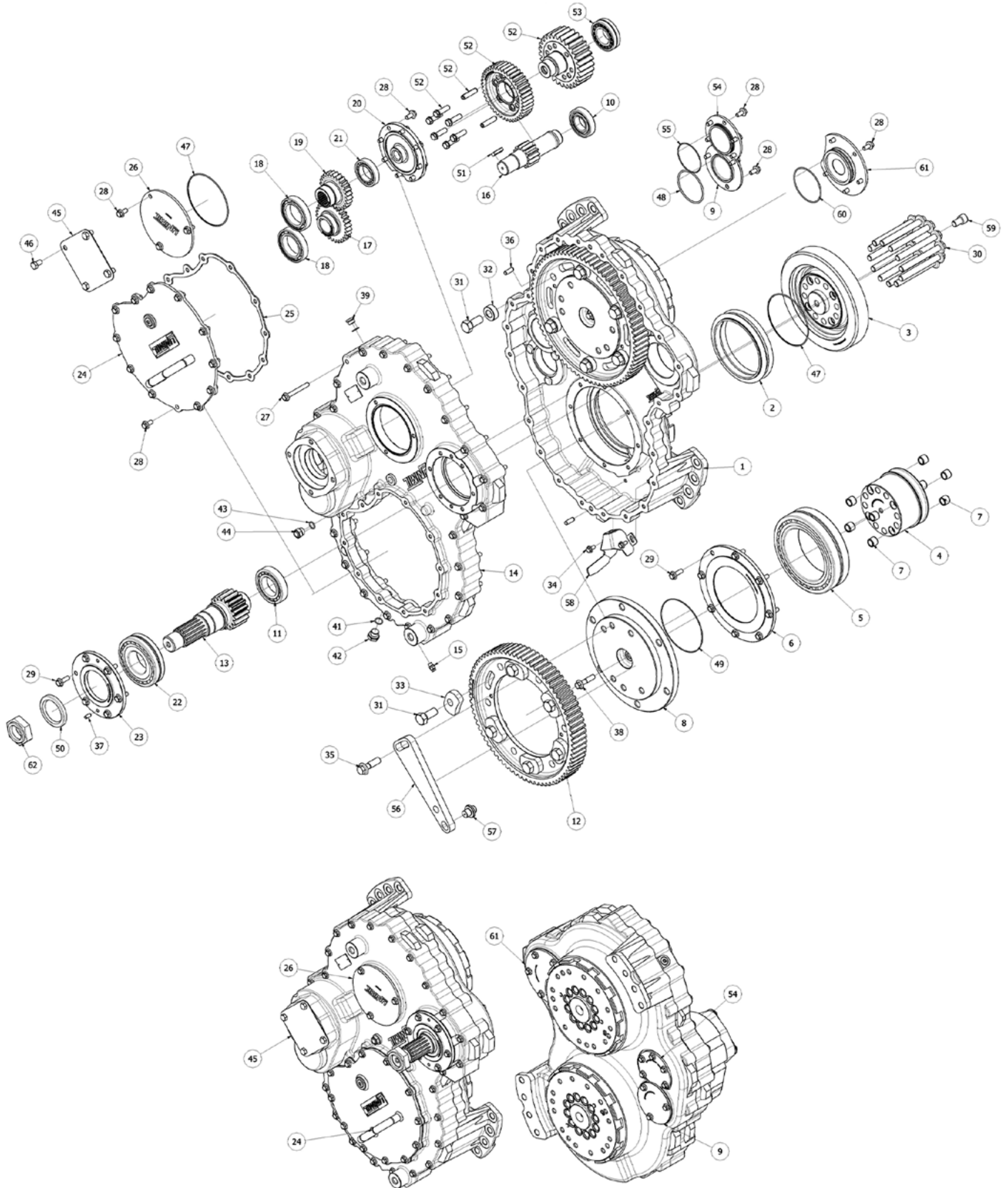
3rd VERSION



CHECK THE CODES AND OTHER INFORMATION ON THE FOLLOWING PAGES

CHOPPER GEARBOX - EXPLODED VIEW

3rd VERSION



CHOPPER GEARBOX - PARTS LIST

3rd VERSION

ITEM	UNIMIL PN	DESCRIPTION	QTY
1	054761	Chopper Box	1
2	010791	Seal (Hydrogenated)	2
3	055663	Flange Housing	2
4	055670	Chopper Hub	2
5	011360	Bearing	2
6	035466	Ring	2
7	035460	Bushing	16
8	035453	Adapter	2
9	035440	Plate	1
10	035463	Bearing NTN	1
11	045015	Bearing SKF	1
12	025533	Gear	2
13	030783	Pinion	1
14	054762	Chopper Box Plate	1
15	035442	Valve	1
16	035459	Shaft	1
17	035439	Gear	1
18	035457	Bearing NSK	2
19	035445	Pinion	1
20	054704	Bearing and Housing	1
21	035456	Bearing	1
22	059928	Bearing 21313	1
23	035465	Bearing Cup	1
24	035458	Small Plate Chopper Box	1
25	035438	Gasket	1
26	035447	Plate	1
27	023720	Bolt	26
28	018500	Cap Screw	36
29	023294	Cap Screw	22
30	057097	Bolt	24
31	055799	Bolt	12
32	047370	Conventional Washer	6
33	056241	Special Washer	6
34	022461	Cap Screw	2
35	035449	Bolt	1
36	030317	Pin	2
37	035441	Pin	2
38	055884	Bolt	2
39	026376	Drain Pug	1
41	025157	O-Ring	1

ITEM	UNIMIL PN	DESCRIPTION	QTY
42	056170	Plug	1
43	002942	O-Ring	1
44	056143	Oil Level Display	1
45	018726	Plate	1
46	002825	Bolt	4
47	057879	O-Ring	3
48	056154	O-Ring	1
49	056146	O-Ring	2
50	056145	Seal	1
51	035443	Key	1
52	054880	Gear Set	1
53	051128	Bearing	2
54	054749	Bottom Plate	1
55	056139	O-Ring	1
56	055717	Lever	1
57	055797	Pin	1
58	056086	Funnel	1
59	056141	Bolt	2
60	056758	O-Ring	1
61	056756	Direction Shaft Insp. Plate	1
62	055800	Nut	1

CHOPPER GEARBOX - VERSIONS

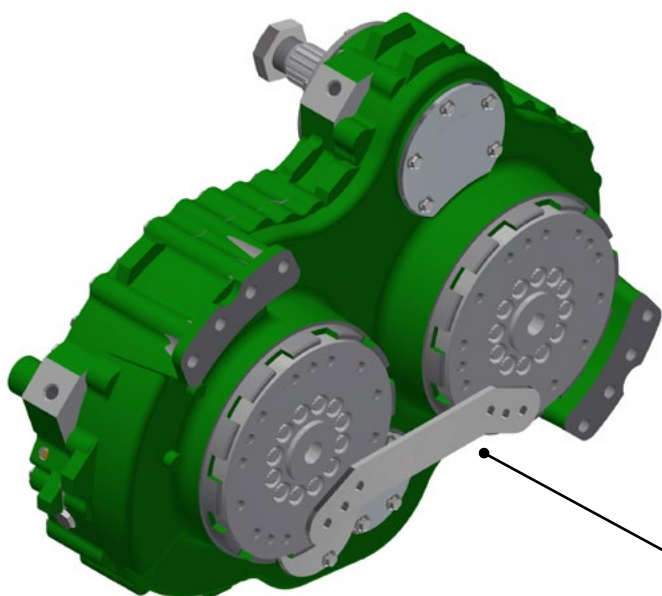
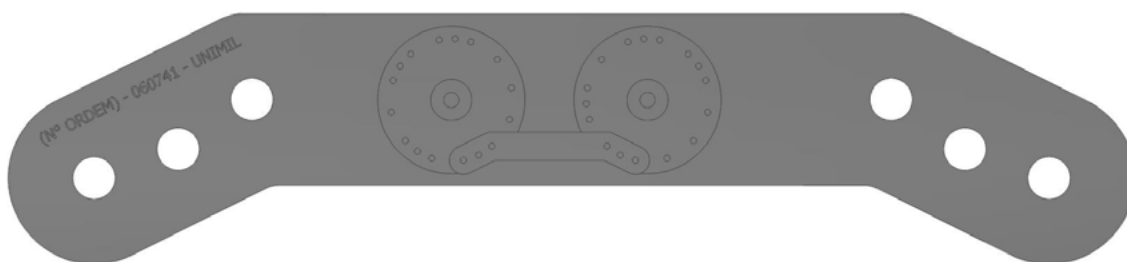
1st VERSION		2rd VERSION		3rd VERSION	
CYLINDRICAL ROLLER BEARING UNIMIL® PN 045916 JOHN DEERE® PN RE167032 NJ209 45X85X19 60 KN CARGA	CYLINDRICAL ROLLER BEARING UNIMIL® PN 038496 JOHN DEERE® PN JD9510 NJ207 35X72X17 48 KN CARGA	SELF-ALIGNING ROLLER BEARING UNIMIL® PN 051128 JOHN DEERE® PN DC221239 22209 EJ 45X85X23 94 KN CARGA (+36%)	SELF-ALIGNING ROLLER BEARING UNIMIL® PN 051127 JOHN DEERE® PN DE32353 22207 EJ 35X72X23 80 KN CARGA (+40%)	SELF-ALIGNING ROLLER BEARING UNIMIL® PN 051128 JOHN DEERE® PN DC221239 22209 EJ 45X85X23 94 KN CARGA	SELF-ALIGNING ROLLER BEARING UNIMIL® PN 051128 JOHN DEERE® PN DC221239 22209 EJ 45X85X23 94 KN CARGA (+15%)
GEAR KIT UNIMIL® PN 042349 JOHN DEERE® PN DE31979	FRONT HOUSING UNIMIL® PN 035444 JOHN DEERE® PN CE31746	GEAR KIT + BEARING UNIMIL® PN 051126 JOHN DEERE® PN DE32428	FRONT HOUSING UNIMIL® PN 051124 JOHN DEERE® PN CE35534	GEAR KIT UNIMIL® PN 054880 JOHN DEERE® PN DE32368	FRONT HOUSING UNIMIL® PN 054704 JOHN DEERE® PN CE35181

PLATE ALIGNMENT - CHOPPER GEARBOX

UNIMIL® PN	060741
JOHN DEERE® PN	JDG11927

APPLICATION: CH570 CH670 CH950

- Ensures precise timing of the Chipper Box
- Facilitates the assembly process



APPLICATION



APPLICATION ONLY FOR CHOPPER GEARBOX 054769

CHOPPER GEARBOX - SAI ENGINE

UNIMIL[®] PN

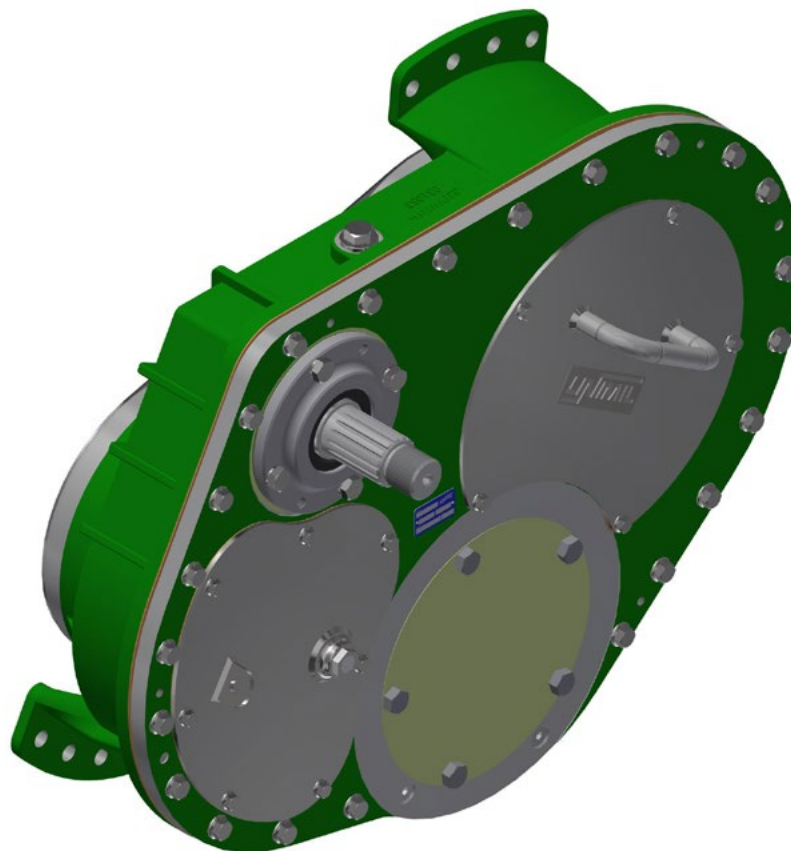
040723

JOHN DEERE[®] PN

AXT11153

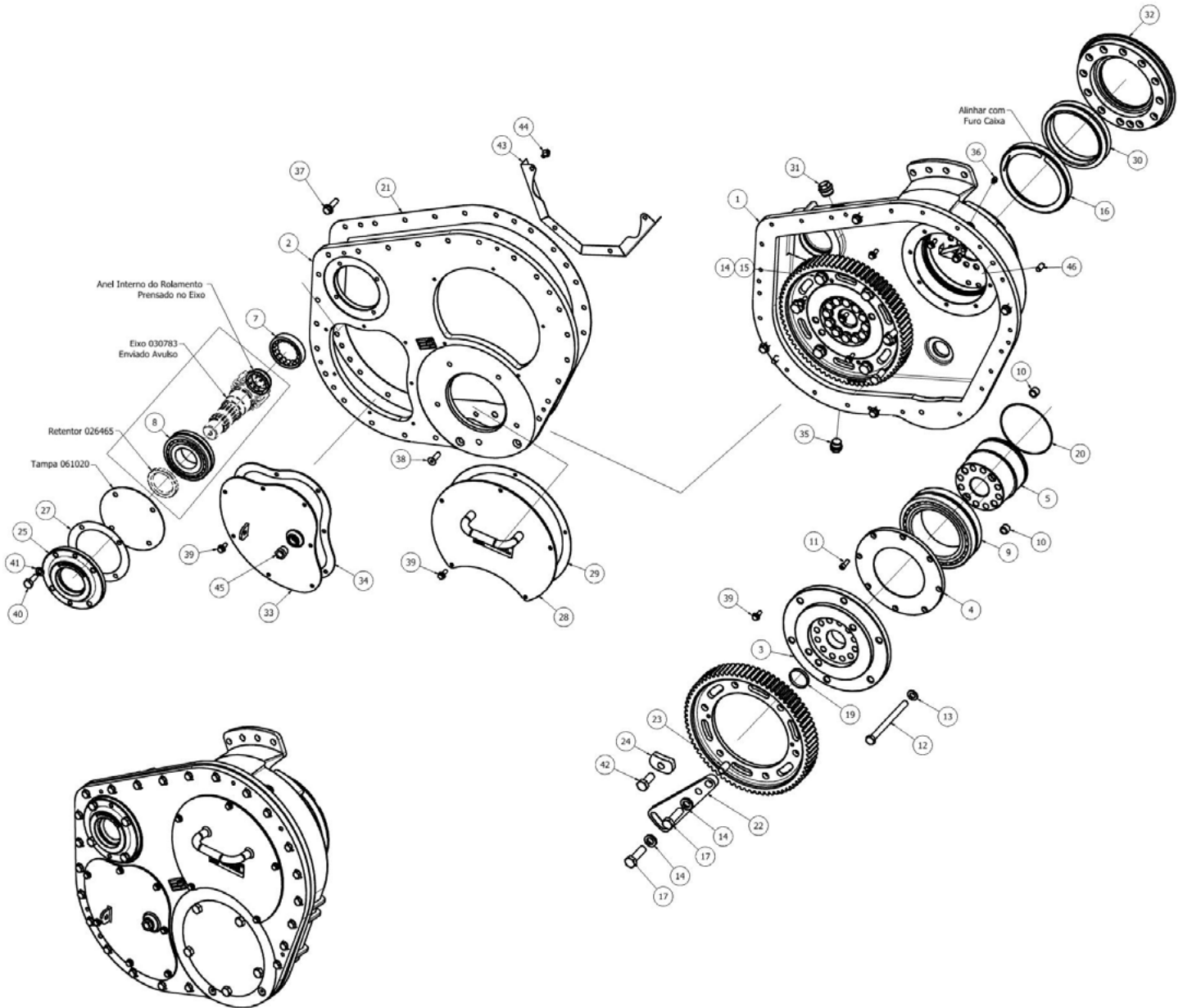
APPLICATION: CH570 CH670

- Full box compatible with SAI engine
- Internal components available for replacement



CHECK THE CODES AND OTHER
INFORMATION ON THE FOLLOWING PAGES

CHOPPER GEARBOX + SAI ENGINE - EXPLODED VIEW



CHECK THE CODES AND OTHER INFORMATION ON THE FOLLOWING PAGES

CHOPPER GEARBOX + SAI ENGINE - PARTS LIST

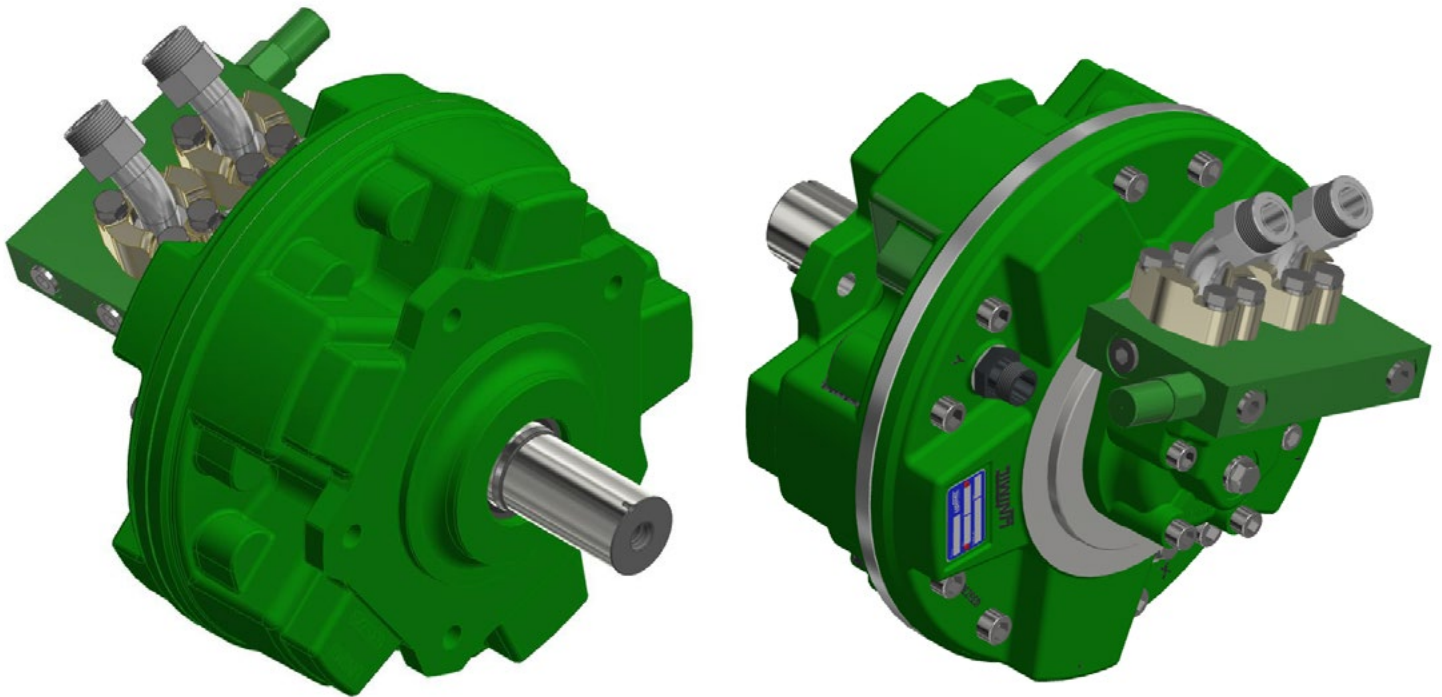
Lista de Peças			
ITEM	CÓDIGO	DESCRIÇÃO	QTDE
1	031053	Caixa	1
2	035199	Tampa Caixa Picador	1
3	030843	Cubo Engrenagem	2
4	030752	Anel	2
5	032767	Cubo Picador	2
7	045015	Rolamento NJ211	1
8	059928	Rolamento 21313	1
9	057438	Rolamento 23030	2
10	035460	Bucha	8
11	003392	Parafuso	16
12	011528	Parafuso	24
13	002914	Arruela Lisa	24
14	046323	Arruela	8
15	003316	Parafuso	6
16	030842	Anel Vedação	2
17	003122	Parafuso	2
18	025533	Engrenagem Picador	2
19	011525	Selo	2
20	011524	Anel-O	2
21	030731	Junta Caixa Picador	1
22	055717	Alavanca	1
23	011262	Pino Trava	1
24	056922	Arruela Especial	6
25	017194	Mancal Rolamento	1
27	010192	Junta	1
28	008372	Tampa Fechamento Superior	1
29	011101	Junta	1
30	010791	Retentor Duo Cone	2
31	015264	Bujão 1.5/16"	1
32	030841	Alojamento Retentor	2
33	028240	Tampa Fechamento	1
34	013889	Junta Cobertura Picador	1
35	060900	Plug Magnetico	1
36	000553	Niple 1/8" NPT	1
37	030288	Parafuso 1/2"X 1.3/4"	23
38	008376	Paraf. Cab. Chata 1/2"X1.1/2"	2
39	008375	Parafuso 3/8"X 7/8"	12
40	001318	Parafuso 1/2"X 1.1/4"	4
41	002913	Arruela Lisa	4
42	055799	Parafuso 3/4"X 1.7/8"	6
43	029209	Defletor	1
44	029212	Parafuso 3/8"X 5/8"	4
45	015265	Visor Nivel	1
46	010681	Pino Centragem	2

SAI ENGINE

UNIMIL® PN 012490

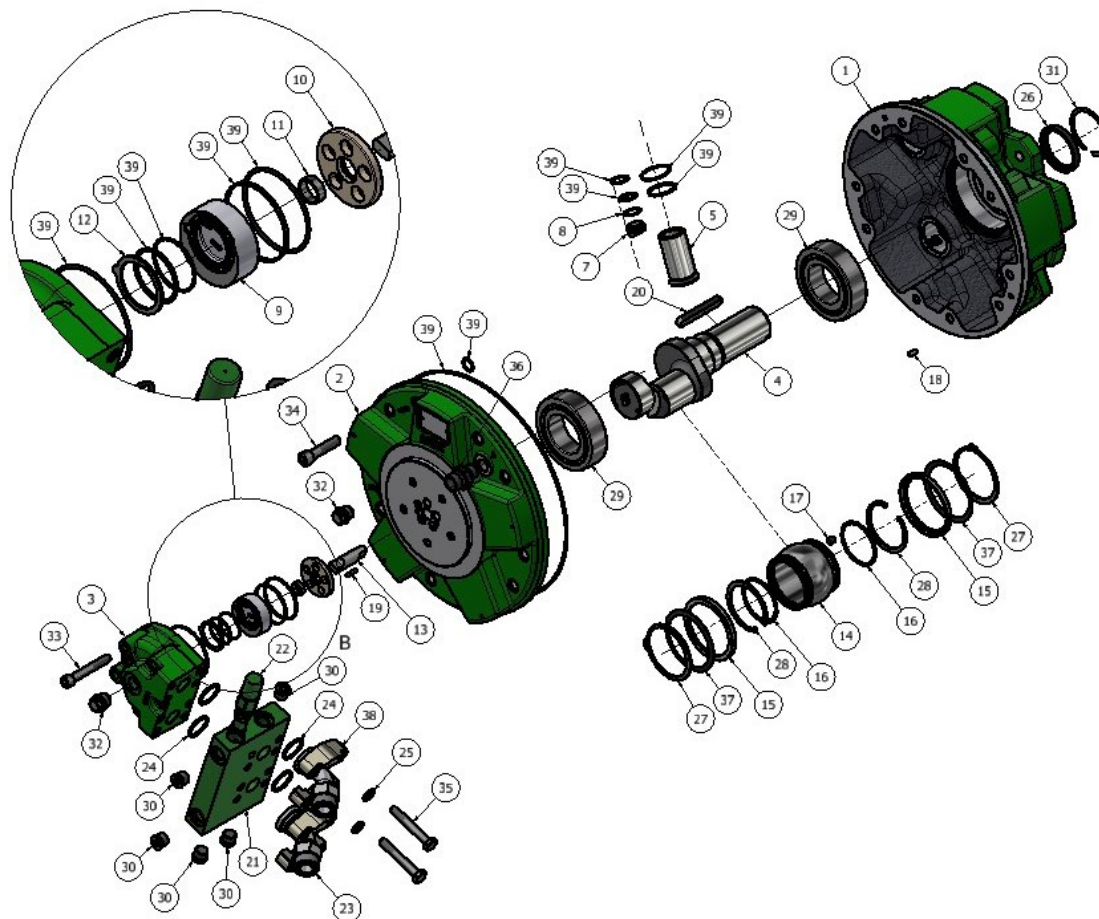
JOHN DEERE® PN 0053010109, 1014314, CB11471776, CB11471777

APPLICATION: CH570 CH670



CHECK THE CODES AND OTHER INFORMATION ON THE FOLLOWING PAGES

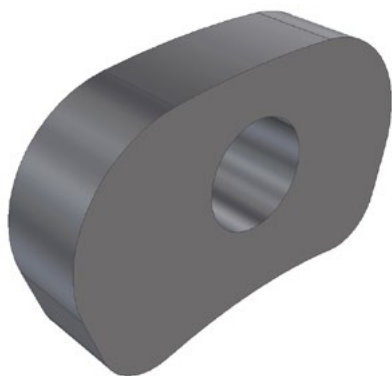
SAI ENGINE - PARTS LIST



LISTA DE PEÇAS			
ITEM	CÓDIGO	DESCRIÇÃO	QTDE
1	035229	CAIXA MOTOR	1
2	035230	TAMPA	1
3	035231	DISTRIBUIDOR	1
4	035232	EIXO	1
5	035253	PISTÃO	5
6	038474	MUNHÃO	5
7	035235	BOCAL	5
8	035236	ANEL ASSENTO BOCAL	5
9	035237	VÁLVULA RÓTATIVA	1
10	035238	DISCO BRONZE	1
11	035239	ANEL CENTRALIZADOR	1
12	035240	ANEL ENCOSTO VÁLVULA	1
13	035241	PINO ACIONADOR	1
14	035242	ANEL ROLAMENTO	1
15	044038	ANEL TRAVA	2
16	035250	ANEL ENCOSTO ROLETES	2
17	035380	ROLO CILÍNDRICO	100
18	035381	PINO GUIA	2
19	035382	PINO GUIA	2

20	035385	CHAVETA	1
21	035404	BLOCO HIDRÁULICO	1
22	015408	VÁLVULA ALÍVIO	1
23	013824	CURVA 45°	2
24	000008	ANEL-O	4
25	001376	ARRUELA PRESSÃO	8
26	010641	RETENTOR	1
27	008501	ANEL ELÁSTICO	2
28	007870	ANEL ELASTICO	2
29	035243	ROLAMENTO	2
30	001474	TAMPÃO	5
31	035486	ANEL ELASTICO	1
32	035402	BUJÃO	2
33	002846	PARAFUSO	5
34	035396	PARAFUSO	10
35	002873	PARAFUSO	8
36	035401	NIPLE	2
37	035251	MOLA PRATO	2
38	006666	MEIO FLANGE 1"	4
39	005915	KIT VEDAÇÃO	1

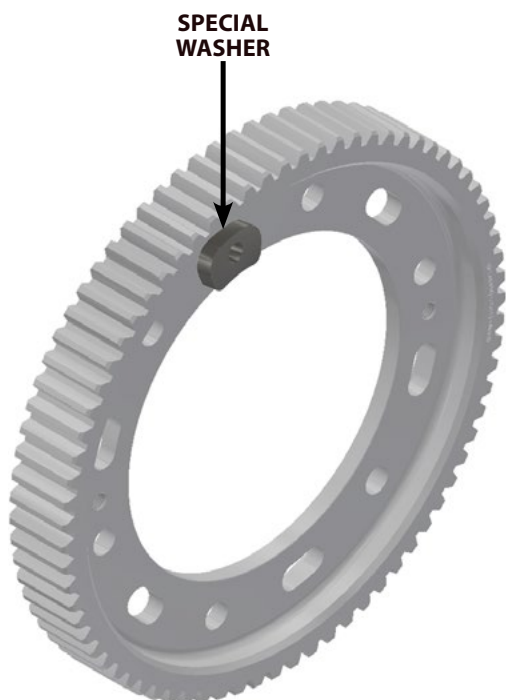
SPECIAL WASHER



UNIMIL® PN	056922
JOHN DEERE® PN	CE34447

APPLICATION: CH570 CH670 CH950

- Mat. high performance
- Improved synchronization maintenance
- Does not damage gear surface
- Increases the contact area



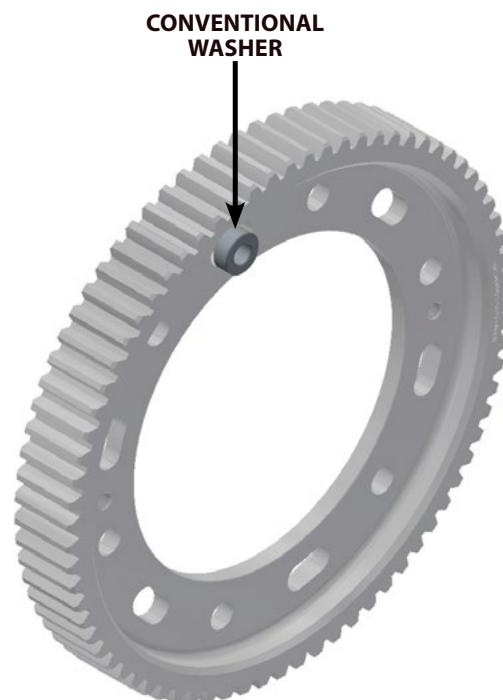
CONVENTIONAL WASHER



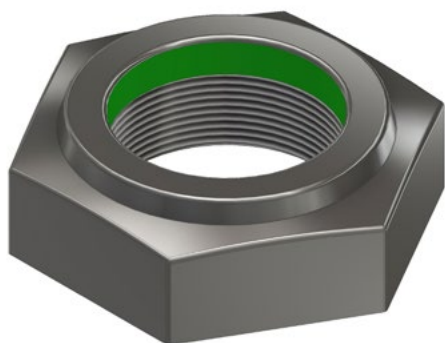
UNIMIL® PN	047370
JOHN DEERE® PN	CE34447

APPLICATION: CH570 CH670 CH950

- Conventional model
- Heat treatment



SPECIAL HEX NUT - PARLOCK 1.3/4" 16 UNEF



UNIMIL® PN 055800

JOHN DEERE® PN CXT36393, 0151340059

APPLICATION: CH3510 CH3520 CH3522 CH570 CH670 CH950

- 20% higher than conventional nut
- Greater number of threads, preventing damage to the shaft thread during tightening



SPECIAL HEX NUT



**20%
HIGHER**
COMPARED TO
CONVENTIONAL MODEL

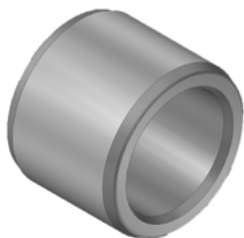


SPECIAL



CONVENTIONAL

GUIDE BUSHING



UNIMIL® PN	035460
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JOHN DEERE® PN	CE32717
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APPLICATION: CH570 CH670 CH950

- Heat treatment

NEW LOCK PIN WITH BACKREST



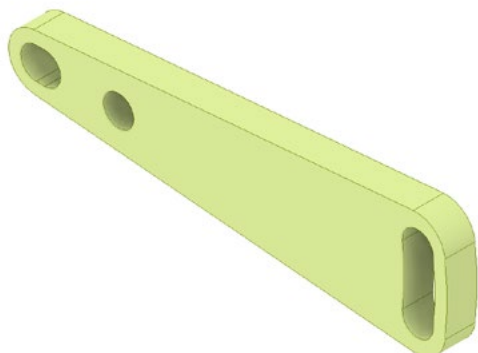
UNIMIL® PN	055797
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JOHN DEERE® PN	CE35650, CE32437, CB01419299
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APPLICATION: CH570 CH670 CH950

- Back flange, facilitates maintenance
- Prevents the pin from "falling" into the system

LEVER



UNIMIL® PN	055717
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JOHN DEERE® PN	CE35892
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APPLICATION: CH570 CH670 CH950

- Developed with new design and special material, avoiding deformations

FLANGE

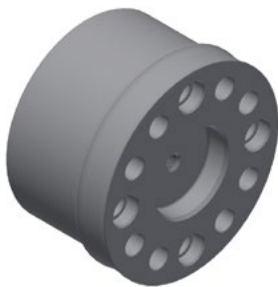


UNIMIL® PN	055663
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JOHN DEERE® PN	CE35799
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APPLICATION: CH570 CH670 CH950

BUSHING HOUSING HUB



UNIMIL® PN	055670
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JOHN DEERE® PN	CE35798
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APPLICATION: CH570 CH670 CH950

NEW FLANGE

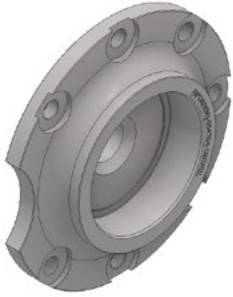


UNIMIL® PN	055798
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JOHN DEERE® PN	CE35797
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APPLICATION: CH570 CH670 CH950

NEW HOUSING



UNIMIL® PN	054704
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JOHN DEERE® PN	CE35181
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APPLICATION: CH570 CH670 CH950

KIT GEAR - DRIVE



UNIMIL® PN	054880
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JOHN DEERE® PN	DE32368
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APPLICATION: CH570 CH670 CH950

INSPECTION COVER



UNIMIL® PN	054749
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JOHN DEERE® PN	CE35634
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APPLICATION: CH570 CH670 CH950

GEAR 75Z

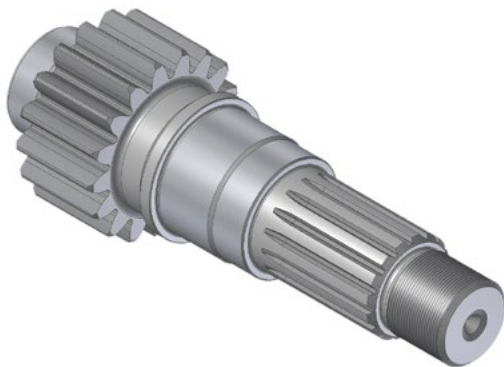


UNIMIL [®] PN	025533
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JOHN DEERE [®] PN	CE32024, CB01417877
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APPLICATION: CH3510 CH3520 CH3522 CH570 CH670 CH950

PINION SHAFT



UNIMIL [®] PN	030783
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JOHN DEERE [®] PN	CE31728, CE32781
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APPLICATION: CH570 CH670 CH950

FLYWHEEL



UNIMIL® PN	027550
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JOHN DEERE® PN	CB01480472
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APPLICATION: CH570 CH670 CH950

BRONZE BUSHING

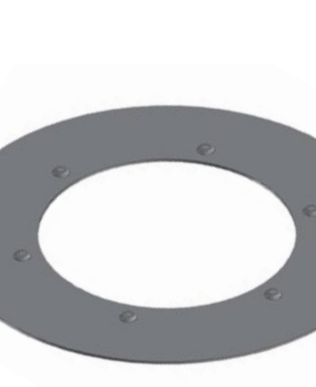


UNIMIL® PN	003856
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JOHN DEERE® PN	0261305008
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APPLICATION: CH570 CH670 CH950

STAINLESS PLATE

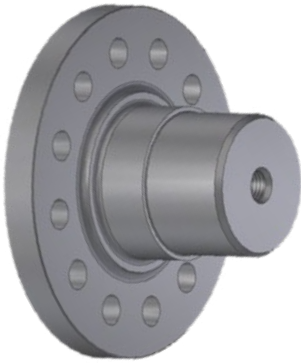


UNIMIL® PN	003827
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JOHN DEERE® PN	0621305006
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APPLICATION: CH950

SPINDLE



UNIMIL® PN 046684

JOHN DEERE® PN CXT21358

APPLICATION: CH570 CH670 CH950

PLATE



UNIMIL® PN 030735

JOHN DEERE® PN CXT12137

APPLICATION: CH570 CH670

SIDE PLATE - CHOPPER ROLLER PROTECTION

APPLICATION: CH570 CH670

- Manufactured in 1020 steel plate
- Developed with the need to change the plate welded to the side (surrounds the chopper roller)

SIDE PLATE PROTECTION 1/4" (REINFORCED)

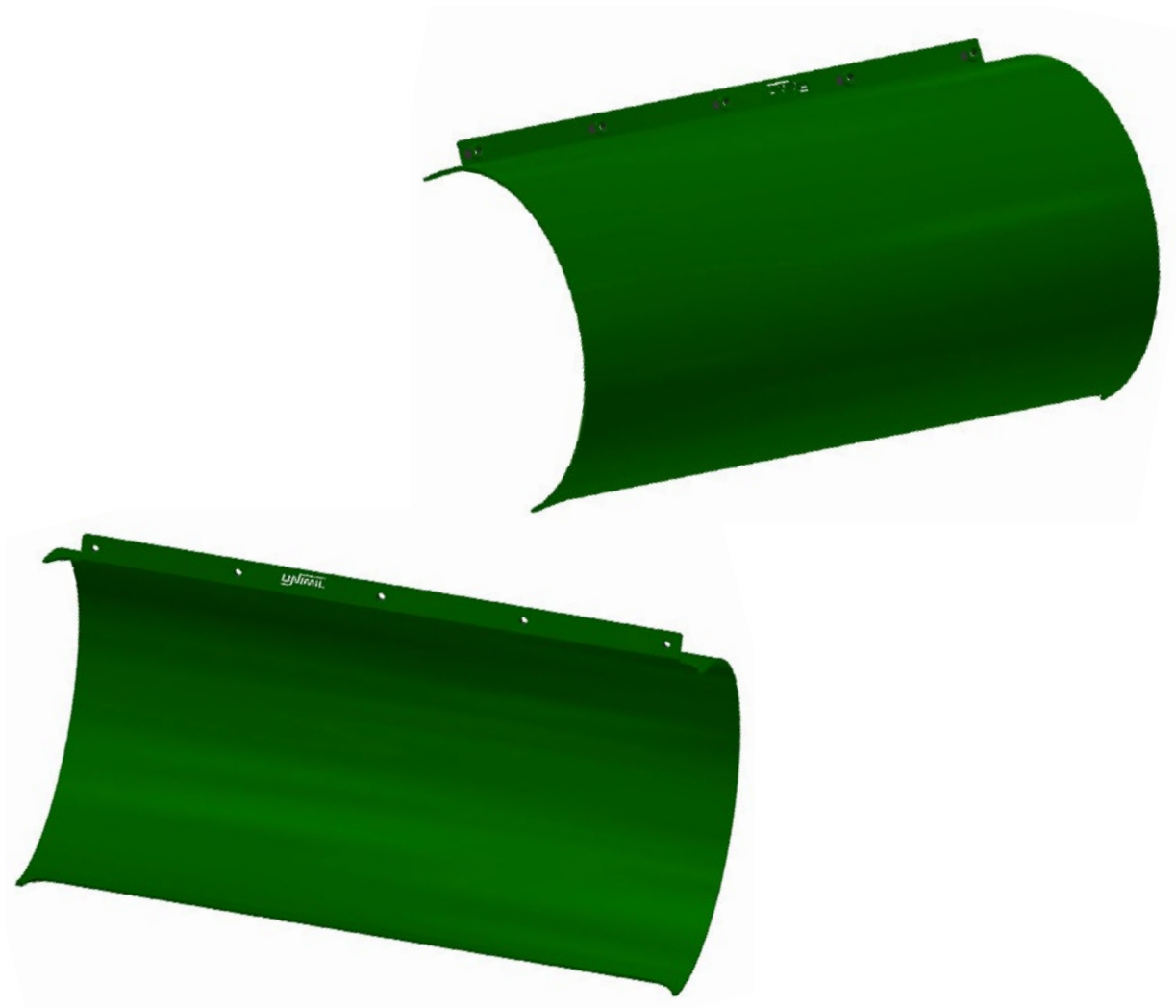
UNIMIL® PN

049885

SIDE PLATE PROTECTION 3/16"

UNIMIL® PN

042954



SIDE PLATE - CHOPPER ROLLER PROTECTION

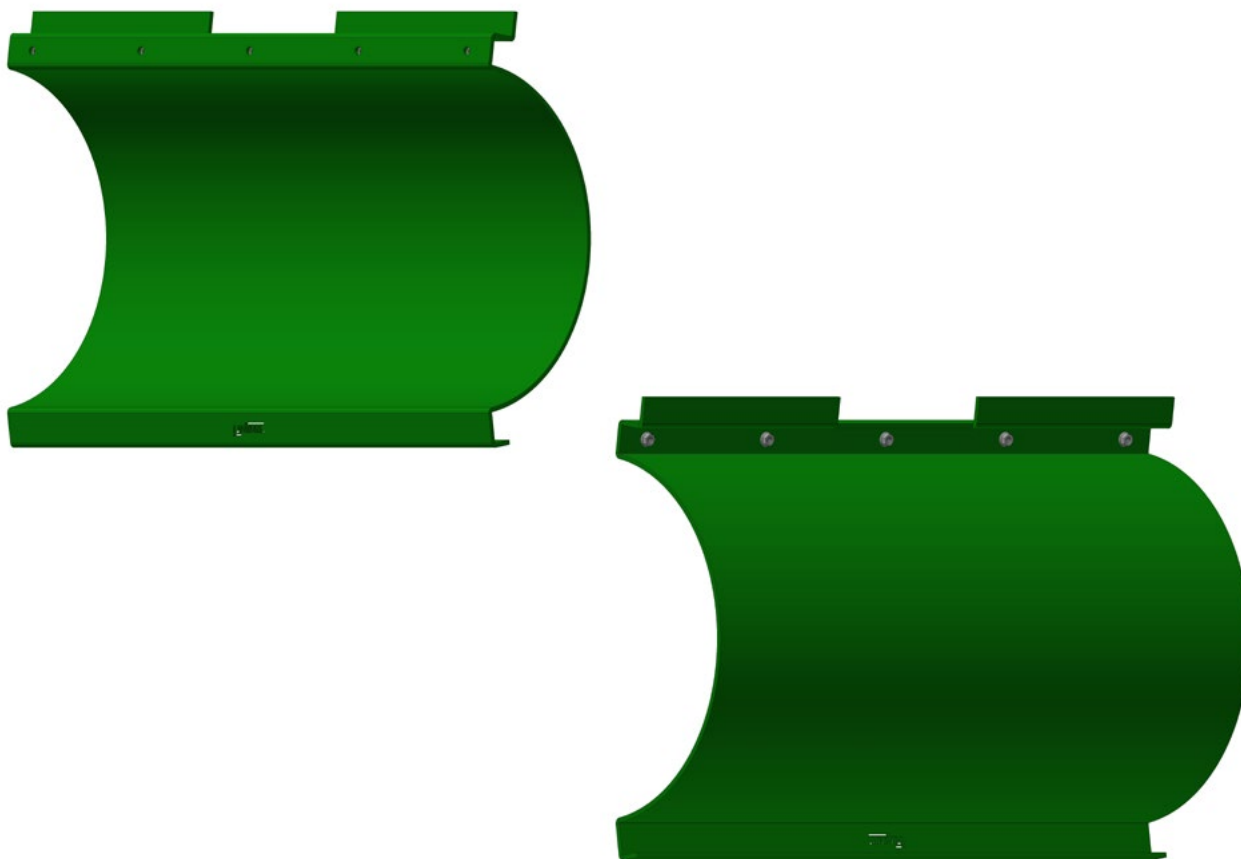
APPLICATION: CH3520 CH3522

- Manufactured in 1020 steel plate
- Developed with the need to change the plate welded to the side (surrounds the chopper roller)

SIDE PLATE PROTECTION 1/4" (REINFORCED)

UNIMIL[®] PN

050132



ELEVATOR

MAIN FRAME

UNIMIL® PN

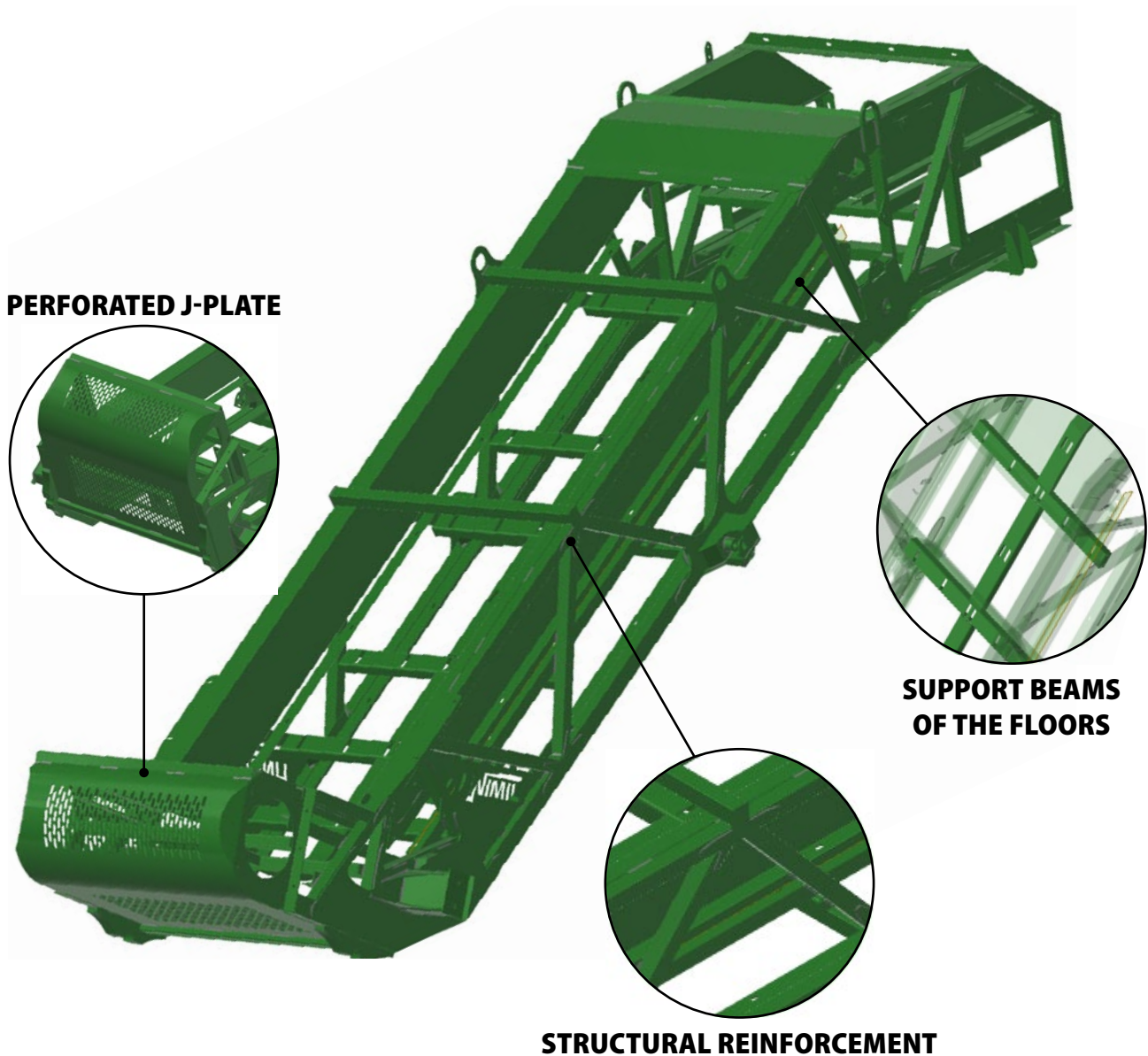
010848

JOHN DEERE® PN

AXT11088, CB11473201, CB11508273

APPLICATION: CH3510 CH3520 CH3522 CH570 CH670

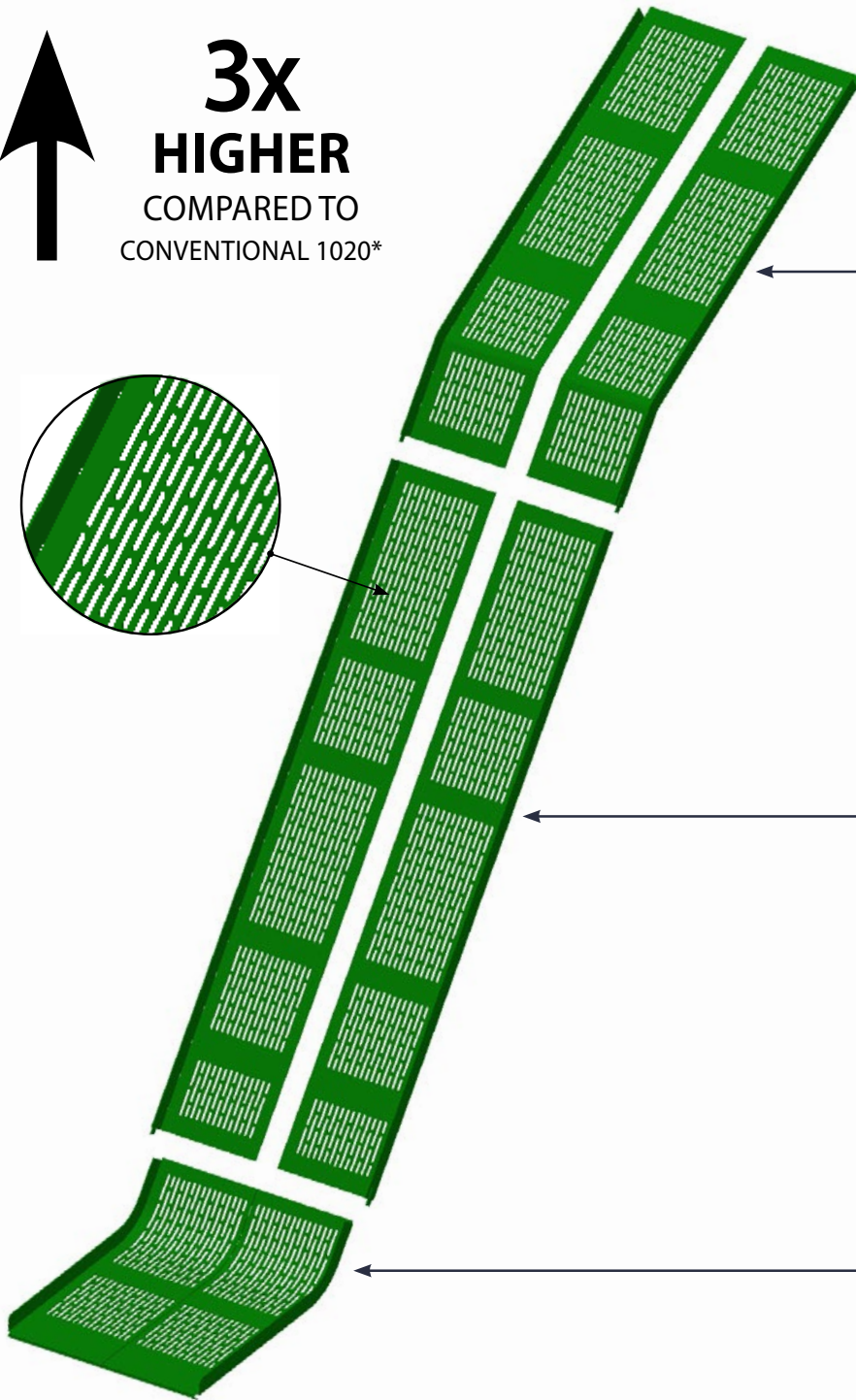
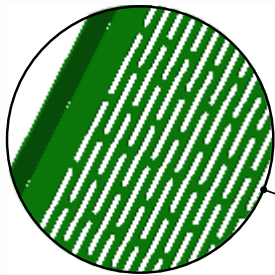
- Structure and support beams of the floors reinforced in 3/16"
- Reinforcements at specific points where damage occurs
- Perforated J-plate for better cleaning



PERFORATED FLOOR - HARDOX 450 6MM



**3x
HIGHER**
COMPARED TO
CONVENTIONAL 1020*



UPPER (RH) EXT 24" 6MM

UNIMIL® PN 038010

JOHN DEERE® PN CB11473168

UPPER (LH) EXT 24" 6MM

UNIMIL® PN 038011

JOHN DEERE® PN CB11473169

MIDDLE (RH) 6MM

UNIMIL® PN 038006

JOHN DEERE® PN CB11472871

MIDDLE (LH) 6MM

UNIMIL® PN 038005

JOHN DEERE® PN CB11472870

PERF. BOTTOM (RH+LH) 6MM

UNIMIL® PN 038004

JOHN DEERE® PN CB11472869

APPLICATION: CH3510 CH3520 CH3522 CH570 CH670

• Hardox 450: 3x better wear resistance compared to conventional 1020*

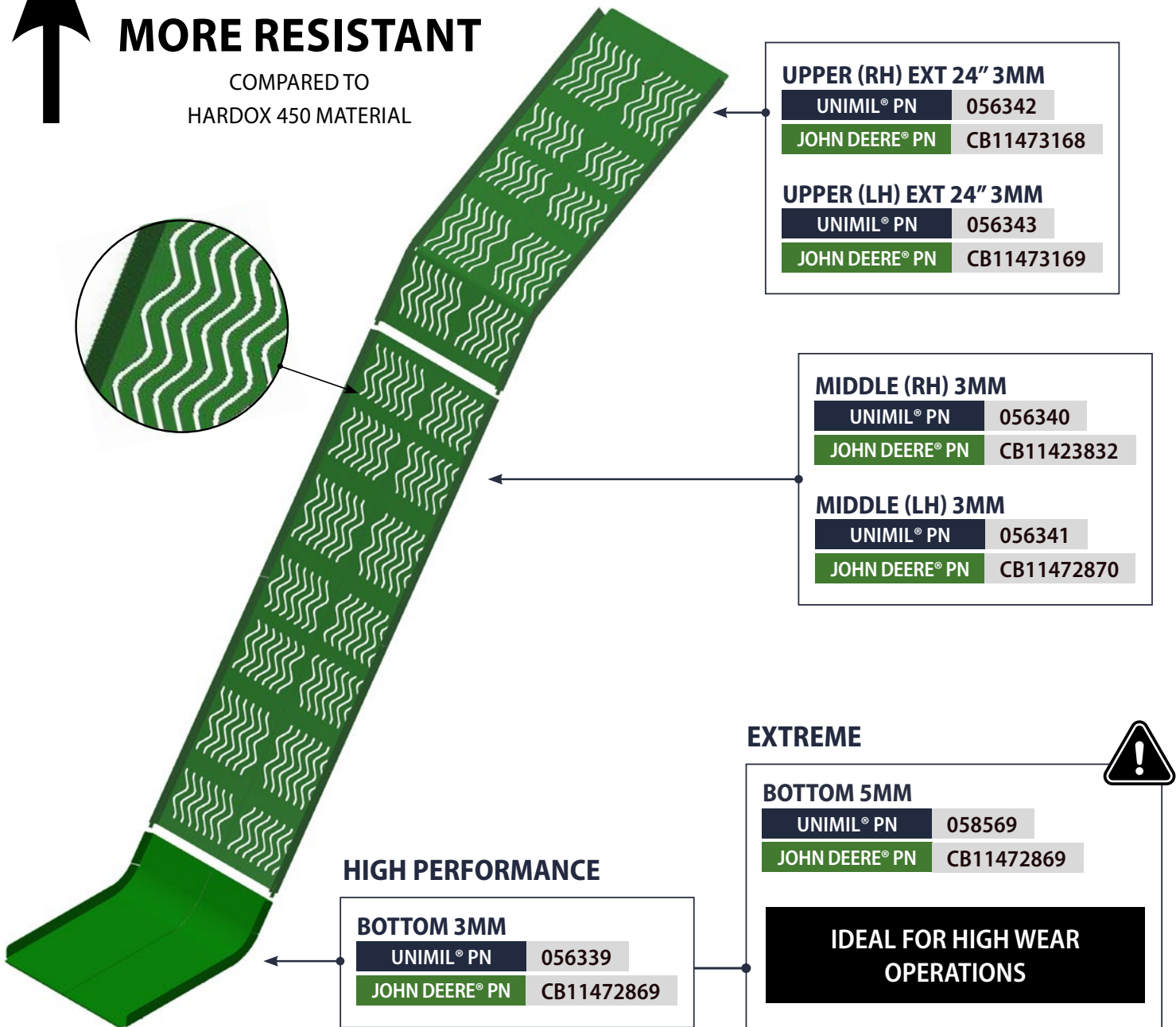
* Laboratory test

SINUOUS FLOOR - HIGH PERFORMANCE



UP TO **50%**
MORE RESISTANT

COMPARED TO
HARDOX 450 MATERIAL



EXTREME

BOTTOM 5MM
UNIMIL® PN 058569
JOHN DEERE® PN CB11472869

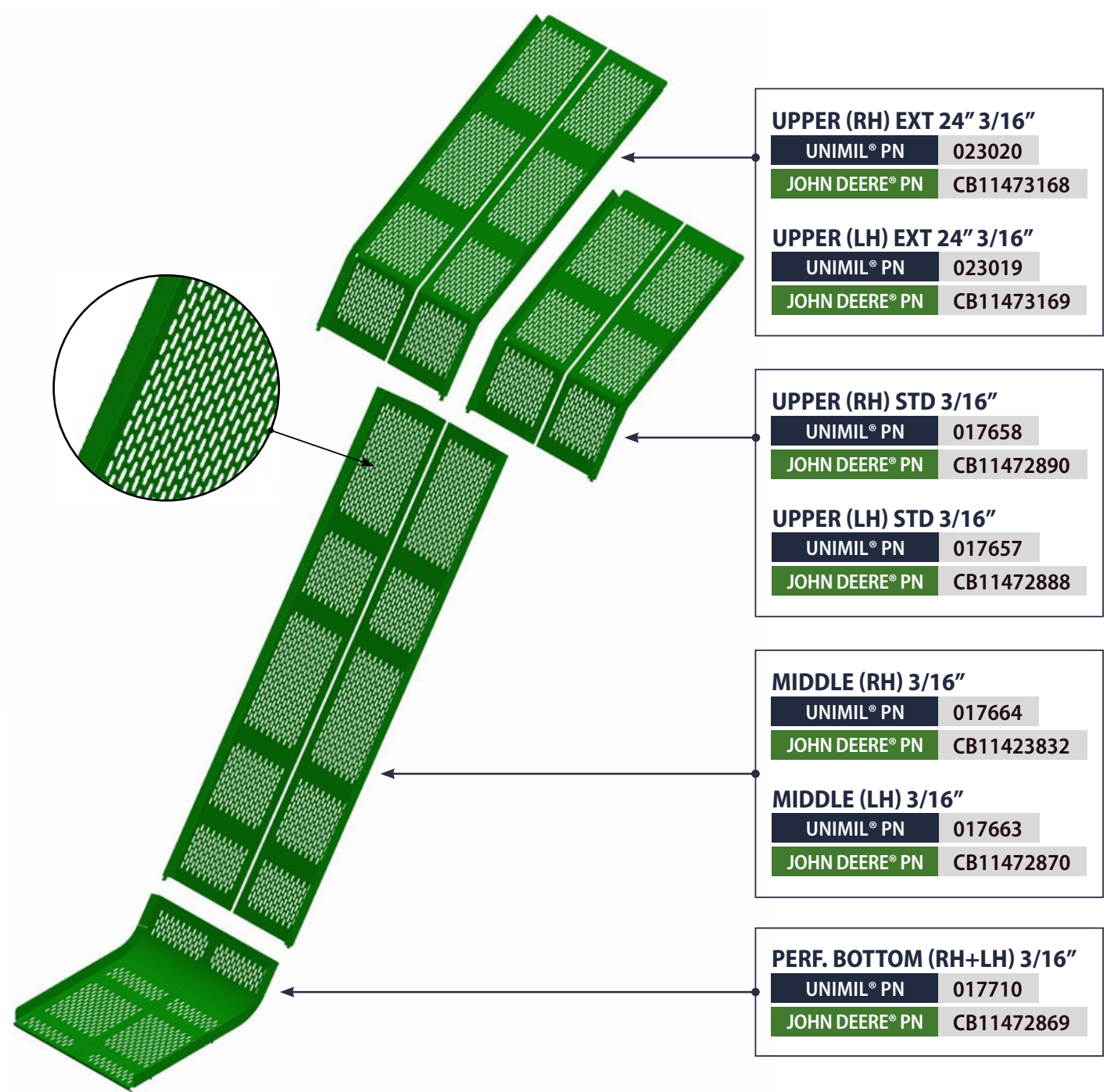
IDEAL FOR HIGH WEAR OPERATIONS

APPLICATION: CH3510 CH3520 CH3522 CH570 CH670

- Smaller thickness, providing weight reduction in the elevator
- Floors with a sinuous design: Improves the cleanliness of the transported cane, reducing mineral impurity

* Laboratory test

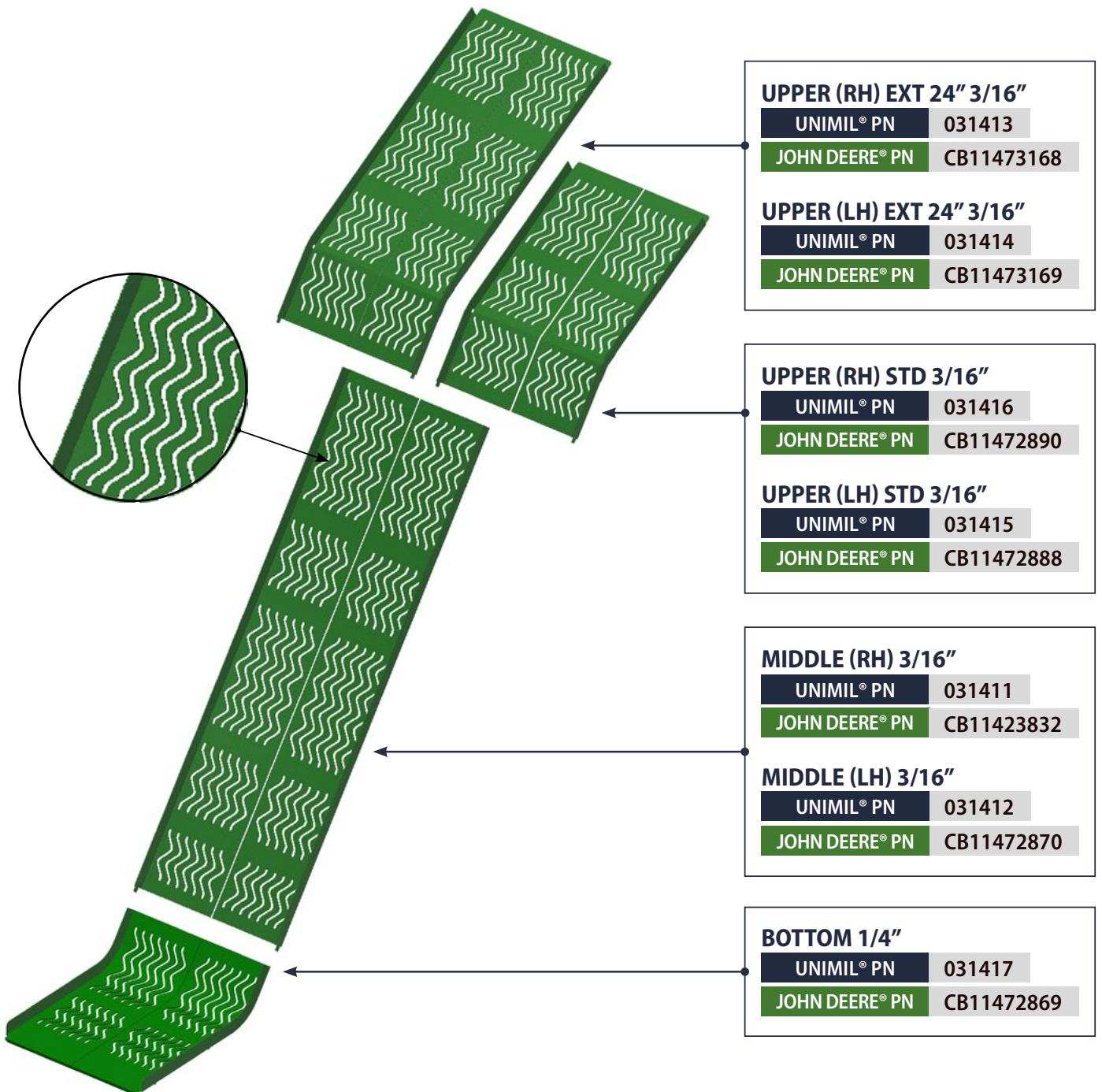
PERFORATED FLOOR - CONVENTIONAL



APPLICATION: CH3510 CH3520 CH3522 CH570 CH670

• Mat. SAE1020

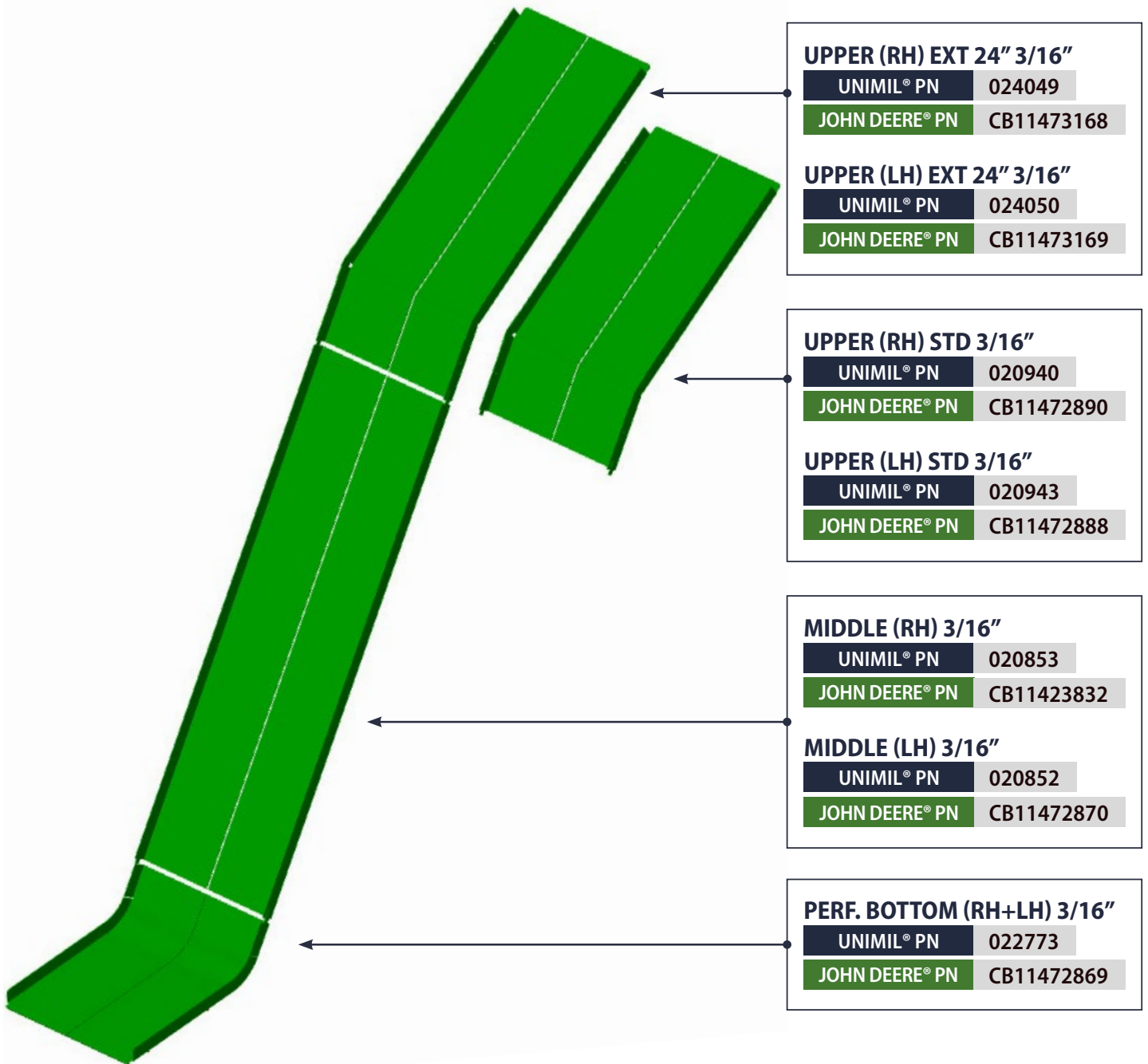
SINUOUS FLOOR - CONVENTIONAL



APPLICATION: CH3510 CH3520 CH3522 CH570 CH670

• Mat. SAE1020

FLOOR FLAT - PLANTATION



APPLICATION: CH3510 CH3520 CH3522 CH570 CH670

• Mat. SAE1020

ELEVATOR WEAR BAR + STRUCTURE (ADAPTATION KIT)

PAT. REQ.

KIT STANDARD

UNIMIL® PN

030073



KIT EXTENDED 900MM

UNIMIL® PN

030072



APPLICATION: CH3510 CH3520 CH3522 CH570 CH670

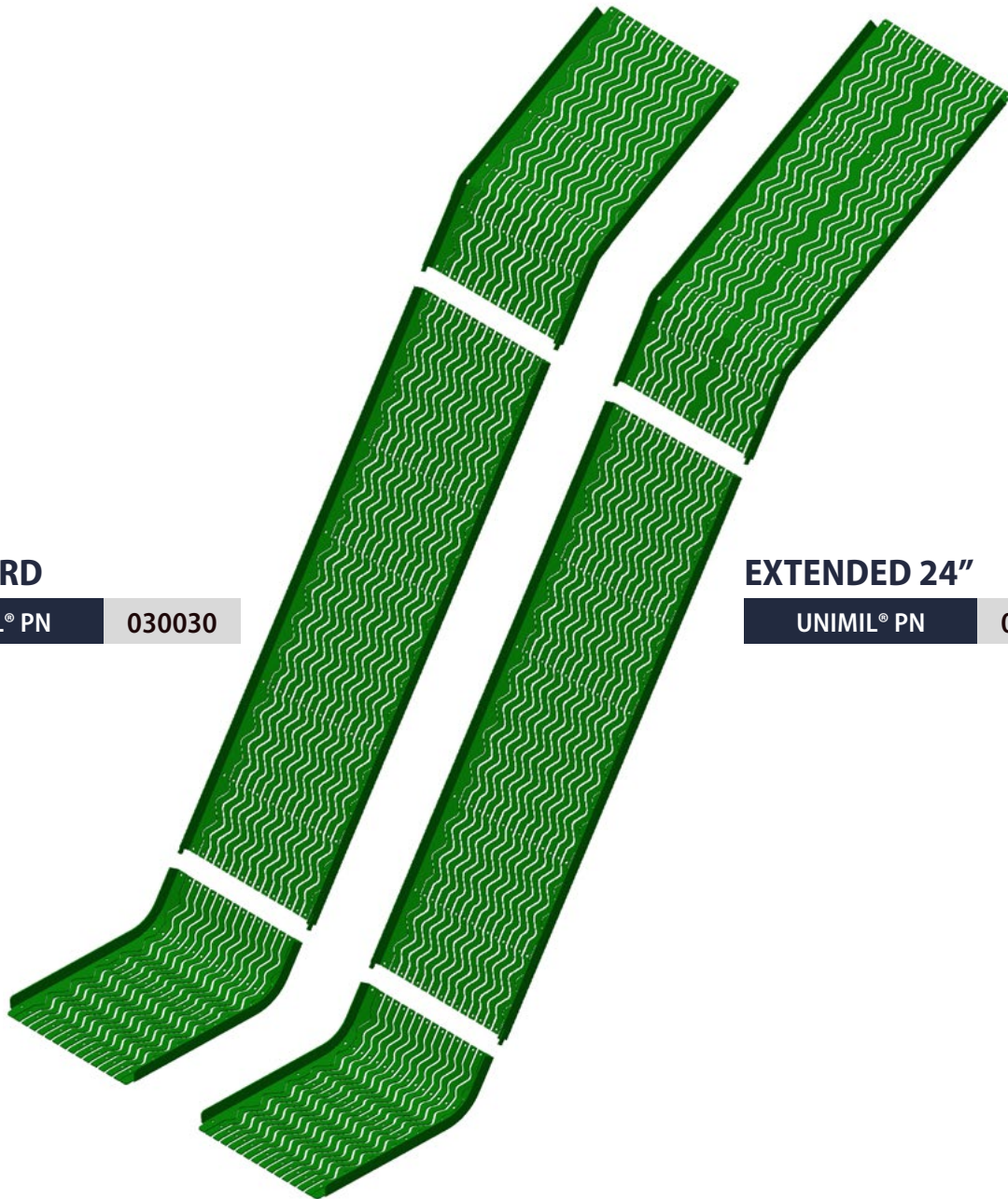
- Floors - Mat. SAE 1045
- Structure - Mat. A36 - Spec. 3/16"
- Superior wear resistance than the conventional 1020
- Improves cleaning of transported cane, reducing mineral impurities
- Once installed, the elevator will be ready to use both "Kit Wear Bar" and the "conventional floor"

ELEVATOR WEAR BAR (COMPLETE)**STANDARD**UNIMIL[®] PN

030030

EXTENDED 24"UNIMIL[®] PN

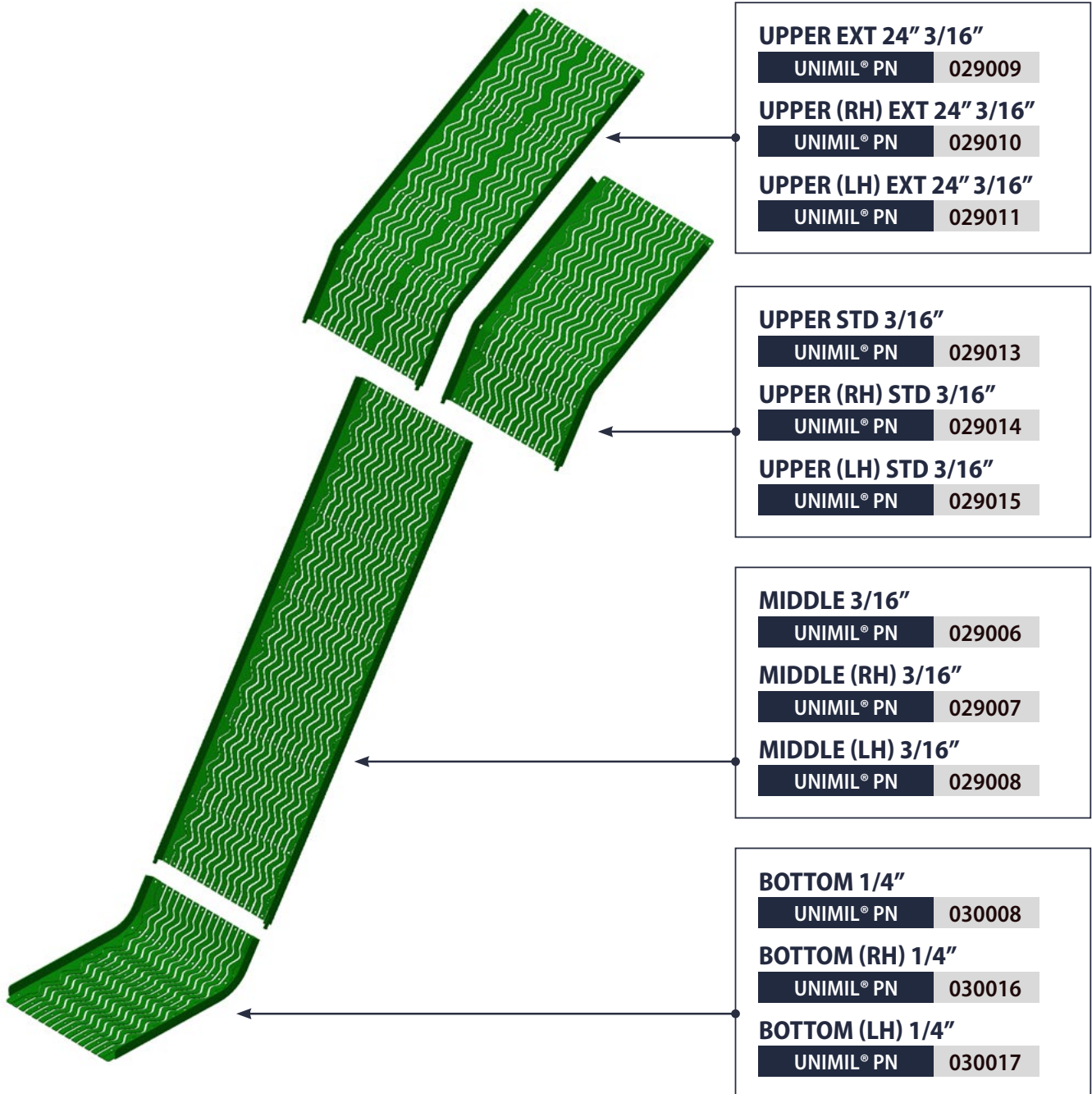
030000



APPLICATION: CH3510 CH3520 CH3522 CH570 CH670

- Matt. SAE 1045
- Easy to adapt the wear bars on the elevator
- Superior wear resistance than the conventional 1020
- Improves cleaning of transported cane, reducing mineral impurities
- Fixation made through screws and nuts, providing the individual replacement of the bars

ELEVATOR WEAR BAR (SEGMENTED)



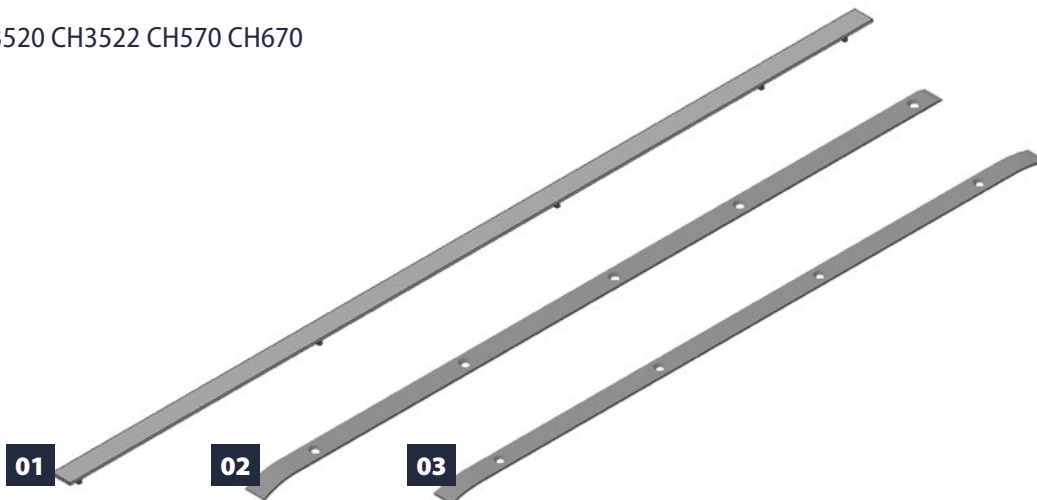
APPLICATION: CH3510 CH3520 CH3522 CH570 CH670

- Matt. SAE 1045
- Easy to adapt the wear bars on the elevator
- Superior wear resistance than the conventional 1020
- Improves cleaning of transported cane, reducing mineral impurities
- Fixation made through screws and nuts, providing the individual replacement of the bars

WEAR PLATE - UPPER EXT 24"

APPLICATION: CH3510 CH3520 CH3522 CH570 CH670

- Hardox 450
- Thickness 5mm



01 1705MM / 5 PRISONERS

UNIMIL® PN	038489
JOHN DEERE® PN	CB11439642

02 1385MM / 5 HOLES

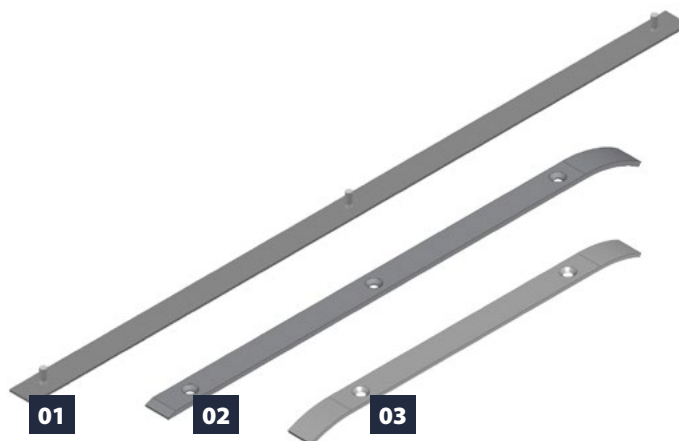
UNIMIL® PN	038487
JOHN DEERE® PN	CB01439641

03 1277MM / 4 HOLES

UNIMIL® PN	038491
JOHN DEERE® PN	CB01439640

WEAR PLATE - UPPER STD

APPLICATION: CH3510 CH3520 CH3522 CH570 CH670



01 3 PRISONERS

- Mat. SAE1020
- Thickness 3/16"

UNIMIL® PN	010442
JOHN DEERE® PN	CB11428999

02 787MM / 3 HOLES

- Mat. SAE1160
- Thickness 3/16"

UNIMIL® PN	010443
JOHN DEERE® PN	CB01423961

03 547MM / 2 HOLES

- Mat. Hardox 450
- Thickness 5mm

UNIMIL® PN	038007
JOHN DEERE® PN	CB01445622

WEAR PLATE - MIDDLE

APPLICATION: CH3510 CH3520 CH3522 CH570 CH670

- Hardox 450
- Thickness 3/16"



01 3125MM / 7 PRISONERS

UNIMIL® PN	038000
JOHN DEERE® PN	CB11428997

02 3206MM / 7 HOLES

UNIMIL® PN	038001
JOHN DEERE® PN	CB01423920

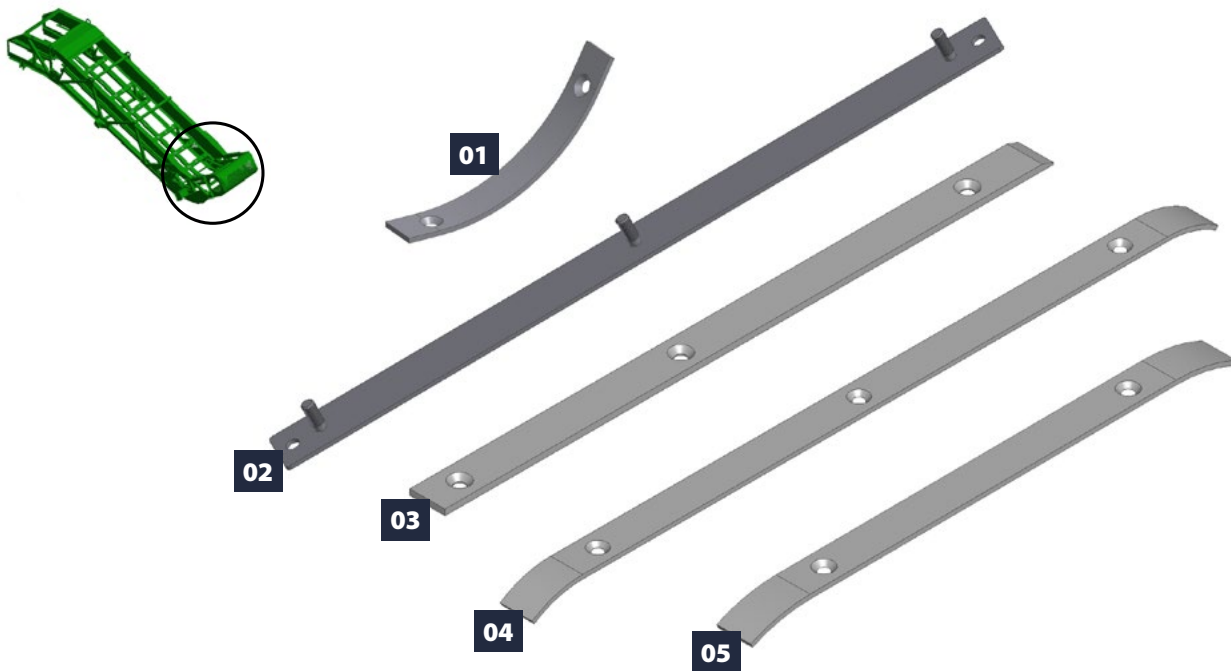
03 3300MM / 7 HOLES

UNIMIL® PN	038002
JOHN DEERE® PN	CB01423925

WEAR PLATE - BOTTOM

APPLICATION: CH3510 CH3520 CH3522 CH570 CH670

- Thickness 3/16"



01 261MM / 2 HOLES

UNIMIL® PN 038003

JOHN DEERE® PN CB01430578

- Mat. Hardox 450

02 549MM / 3 PRISONERS

UNIMIL® PN 046140

JOHN DEERE® PN AXT14615

- Mat. SAE 1020

03 PLATE / 3 HOLES

UNIMIL® PN 030635

JOHN DEERE® PN CXT16270

- Mat. CHATO 5160

04 PLATE / 3 HOLES

UNIMIL® PN 037998

JOHN DEERE® PN CB01479032

- Mat. Hardox 450

05 547MM / 2 HOLES

UNIMIL® PN 038007

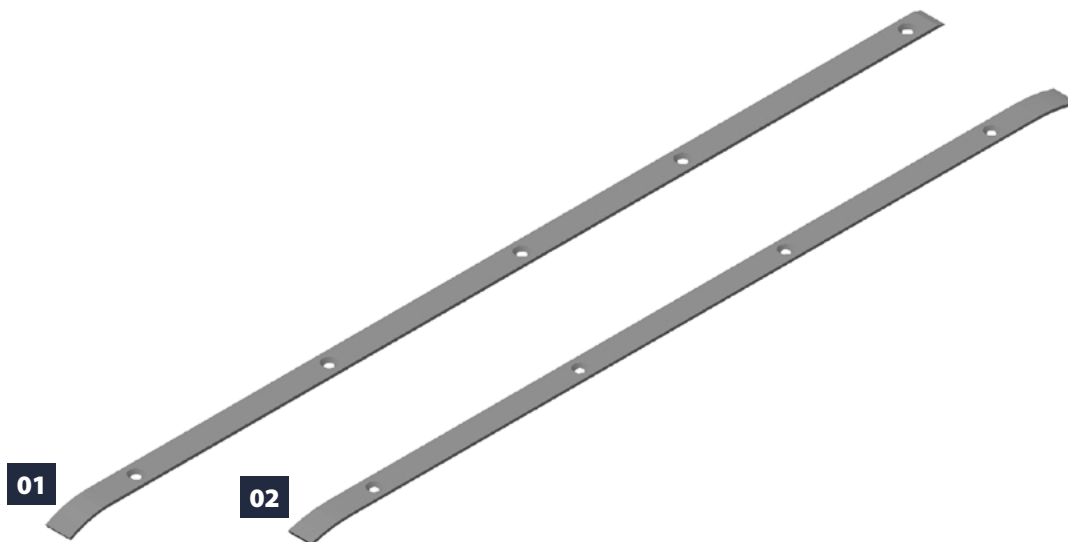
JOHN DEERE® PN CB01445622

- Mat. Hardox 450

WEAR PLATE - UPPER 1/4"

APPLICATION: CH3510 CH3520 CH3522 CH570 CH670

- Hardox 450
- Thickness 6mm



01 1385MM / 5 HOLES

UNIMIL® PN 038415

JOHN DEERE® PN CB01439641

02 1277MM / 4 HOLES

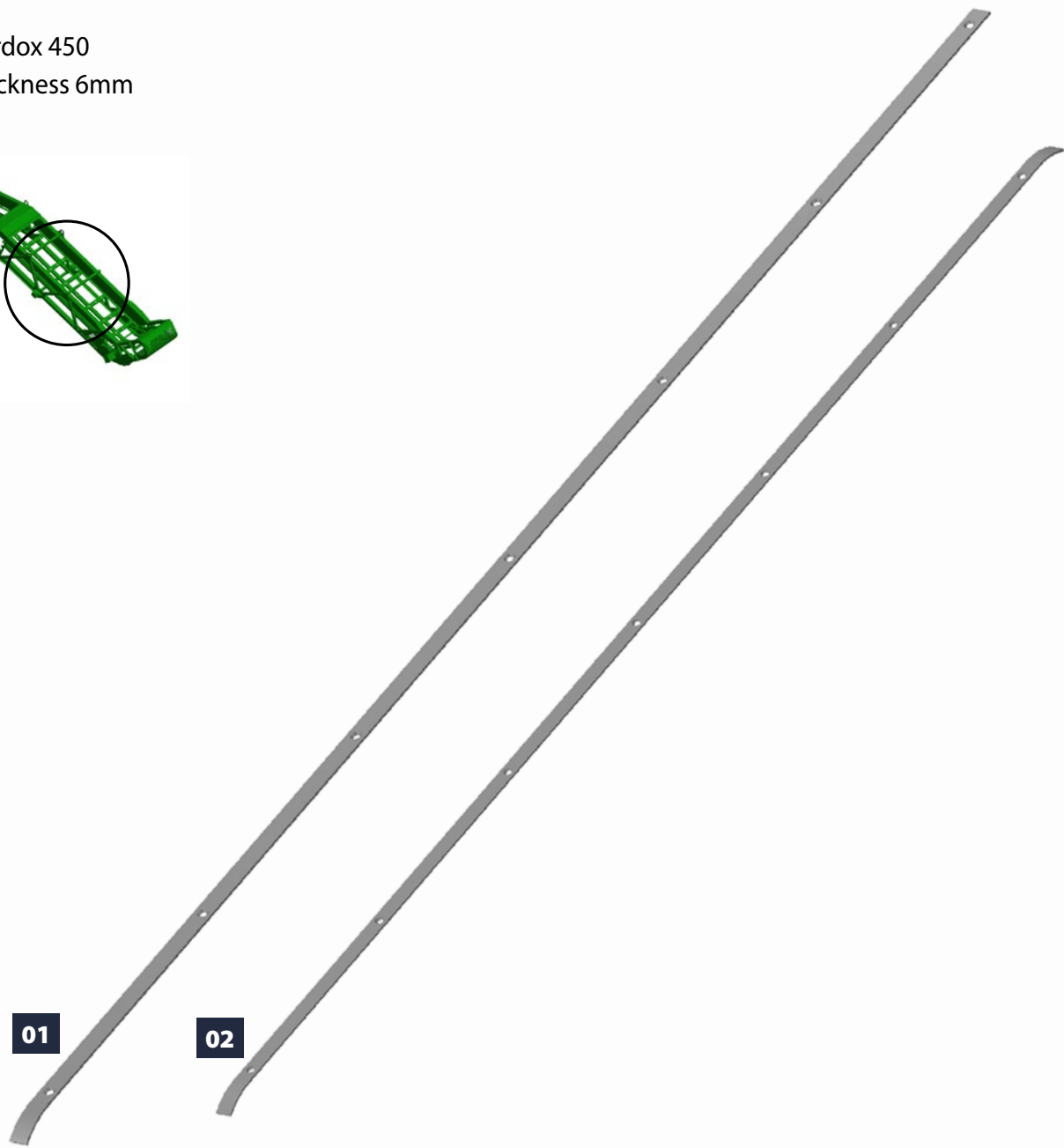
UNIMIL® PN 038409

JOHN DEERE® PN CB01439640

WEAR PLATE - MIDDLE 1/4"

APPLICATION: CH3510 CH3520 CH3522 CH570 CH670

- Hardox 450
- Thickness 6mm



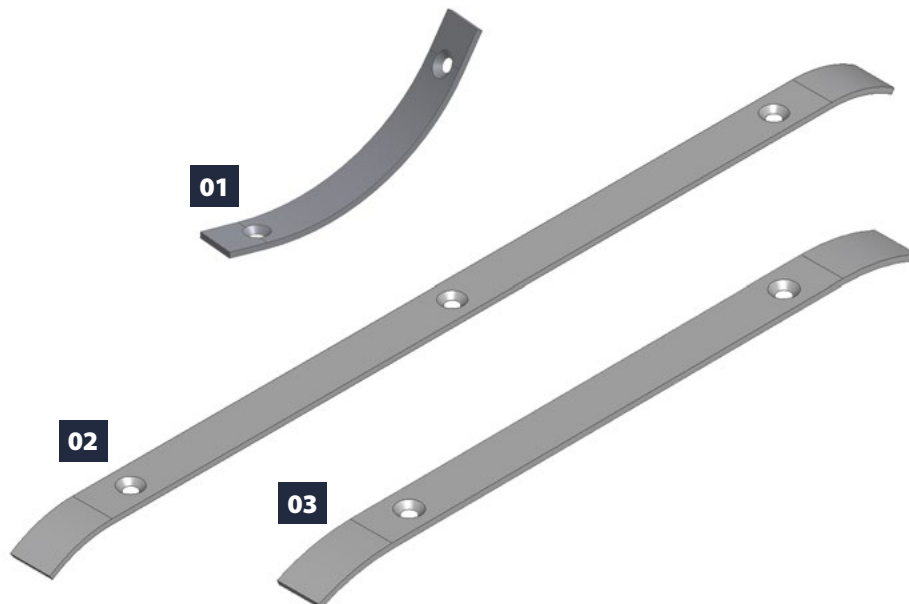
01	3206MM / 7 HOLES
UNIMIL® PN	038458
JOHN DEERE® PN	CB01423920

02	3300MM / 7 HOLES
UNIMIL® PN	038417
JOHN DEERE® PN	CB01423925

WEAR PLATE - BOTTOM 1/4"

APPLICATION: CH3510 CH3520 CH3522 CH570 CH670

- Hardox 450
- Thickness 6mm



01	258MM / 2 HOLES
UNIMIL® PN	038460
JOHN DEERE® PN	CB01430578

02	819,4MM / 3 HOLES
UNIMIL® PN	038411
JOHN DEERE® PN	CB01479032

03	546,1MM / 2 HOLES
UNIMIL® PN	038629
JOHN DEERE® PN	CB01445622

SLAT - 2 BEND

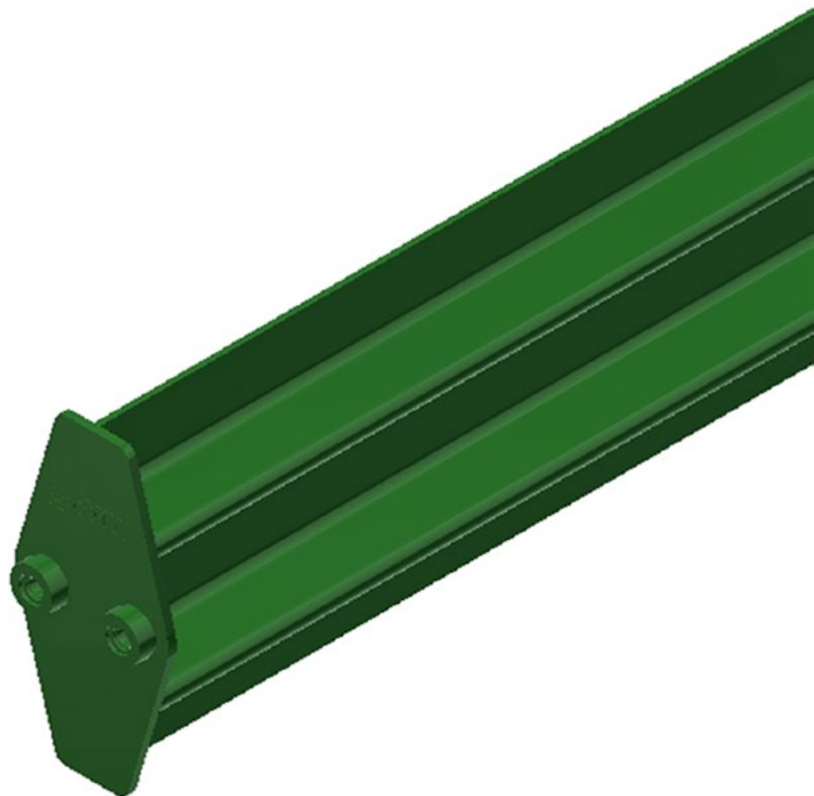
UNIMIL® PN

009464

JOHN DEERE® PN

CB11464244

APPLICATION: CH3510 CH3520 CH3522 CH570 CH670



SLAT - 3 BEND

UNIMIL® PN

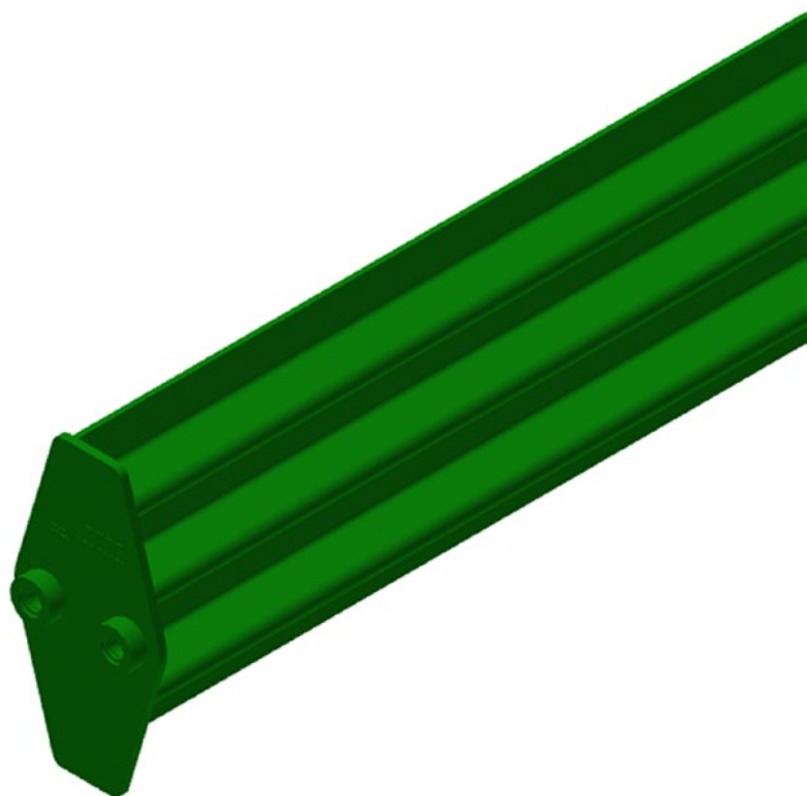
021569

JOHN DEERE® PN

CB11464244

APPLICATION: CH3510 CH3520 CH3522 CH570 CH670

- Greater resistance to warping



SEGMENTED SPROCKET - ARMoured

PAT. REQ.

APPLICATION: CH3510 CH3520 CH3522 CH570 CH670

- Possible to change the rim by reusing the hub
- Sealed hub prevents impurities from entering bearings
- Best cost-effective



KIT ENG. 11Z

UNIMIL® PN	049763
JOHN DEERE® PN	CB11414708



KIT ENG. 17Z

UNIMIL® PN	049761
JOHN DEERE® PN	CB11421303

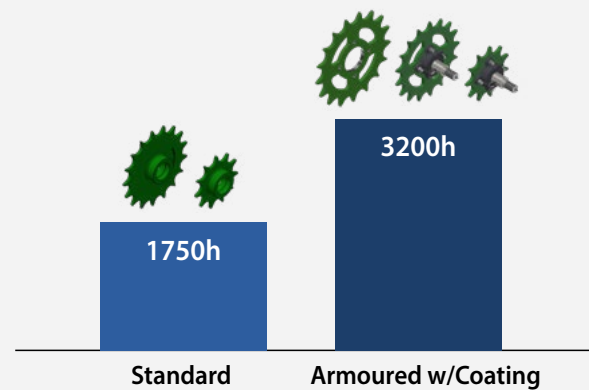


ENG. 17Z

UNIMIL® PN	058700
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**82%
LARGER
DURABILITY**
COMPARED TO
STANDARD MODEL

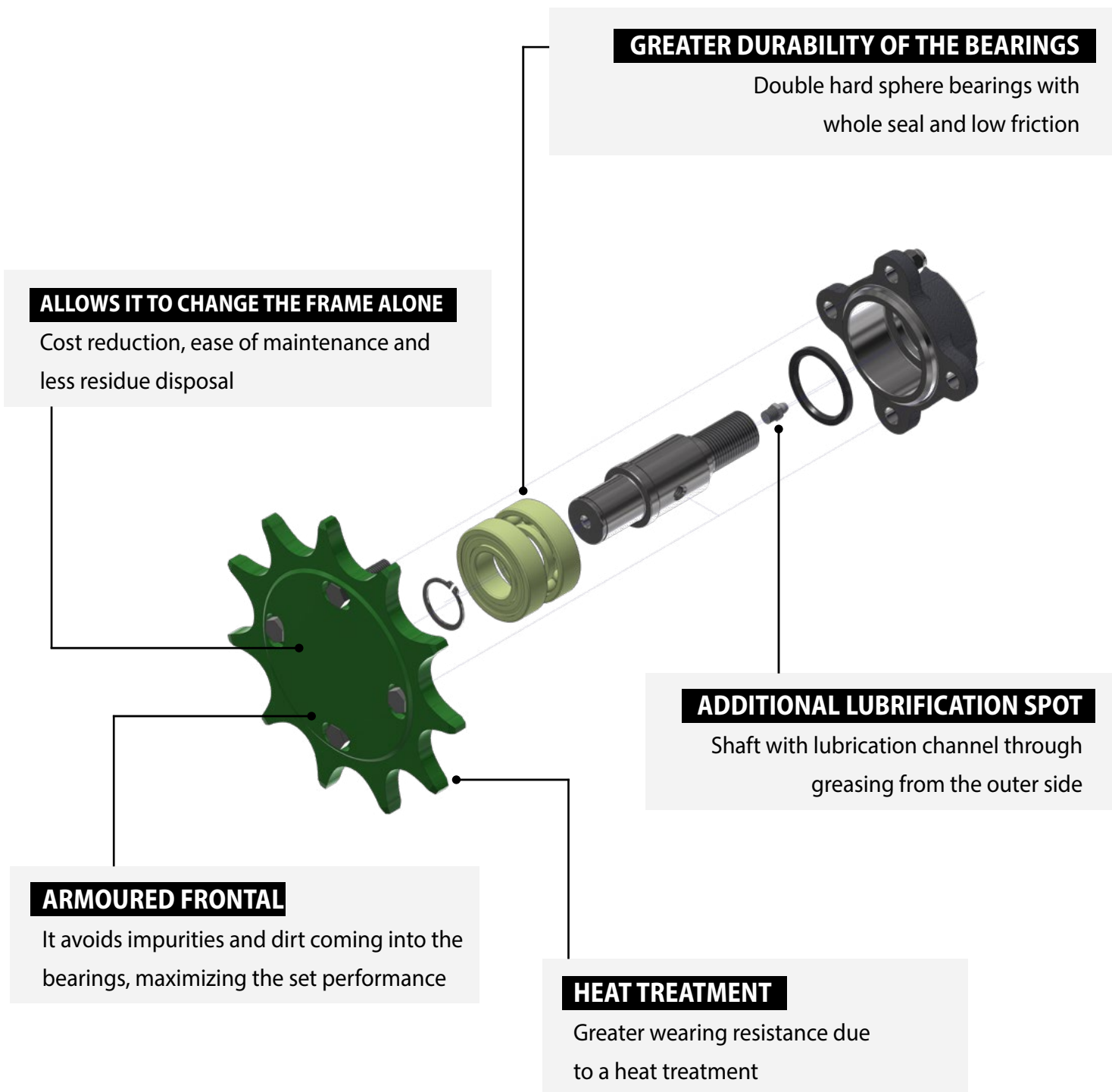


DURABILITY COMPARISON (HOURS)

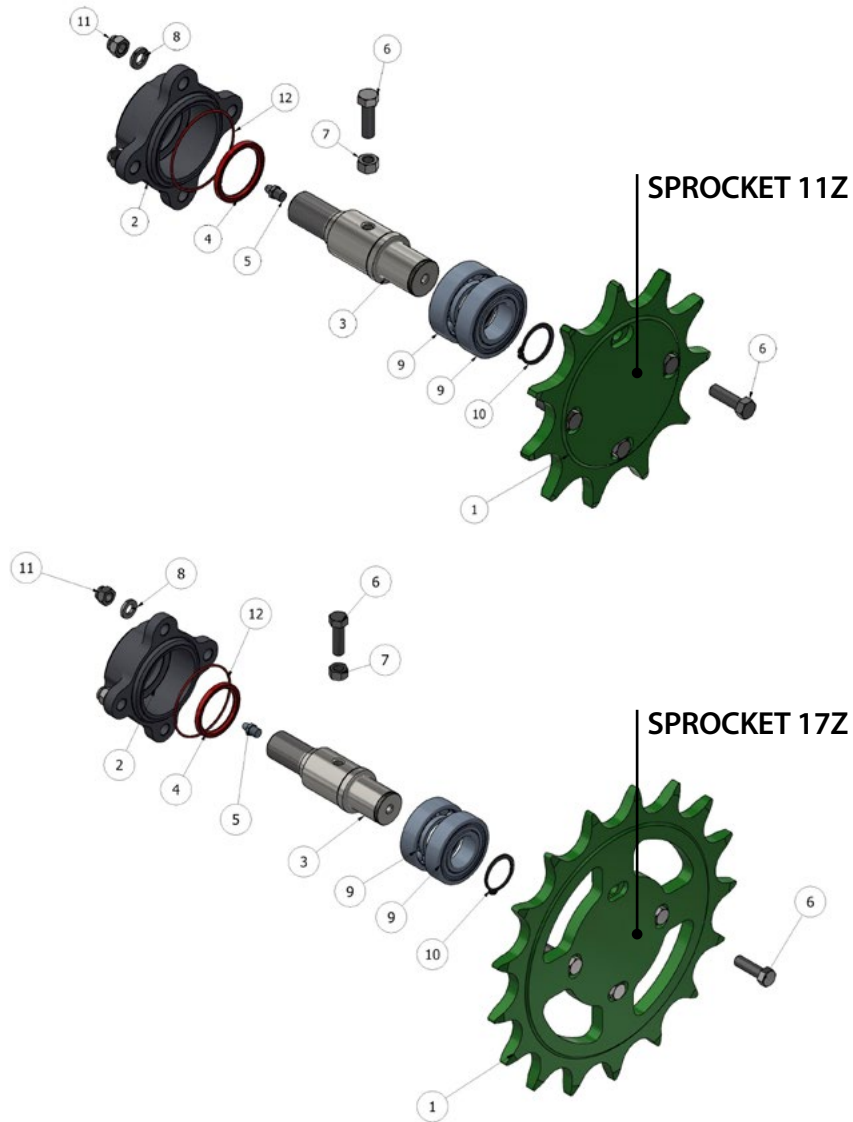
Test performed on several clients. Harvest reference: 3500 hours

SEGMENTED SPROCKET - ARMoured

PAT. REQ.



SEGMENTED SPROCKET - PARTS LIST



ITEM	UNIMIL PN	DESCRIPTION	QTY
1	049764/049728	SEGMENTED SPROCKET - Armoured 11Z OR 17Z	1
2	049754	SPROCKET HUB SEALED	1
3	049735	SPROCKET SEALED SHAFT WITH LUBE HOLE	1
4	045606	SEAL 3933	1
5	000223	GREASE FITTING	1
6	001317	BOLT	5
7	001358	NUT HEX	1
8	001375	WASHER	4
9	051633	BEARING	2
10	004127	CIRCLIP	1
11	042445	NUT	4
12	054894	O-RING	1

SPROCKET ELEVATOR



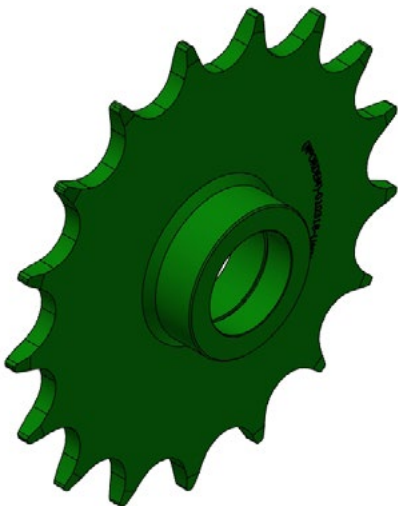
11Z

UNIMIL® PN	043417
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JOHN DEERE® PN	CB11414708
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APPLICATION: CH3510 CH3520 CH3522 CH570 CH670

- Heat treatment



17Z - INTERMEDIARY

UNIMIL® PN	043420
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JOHN DEERE® PN	CB11421303
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APPLICATION: CH3510 CH3520 CH3522 CH570 CH670

- Heat treatment



17Z

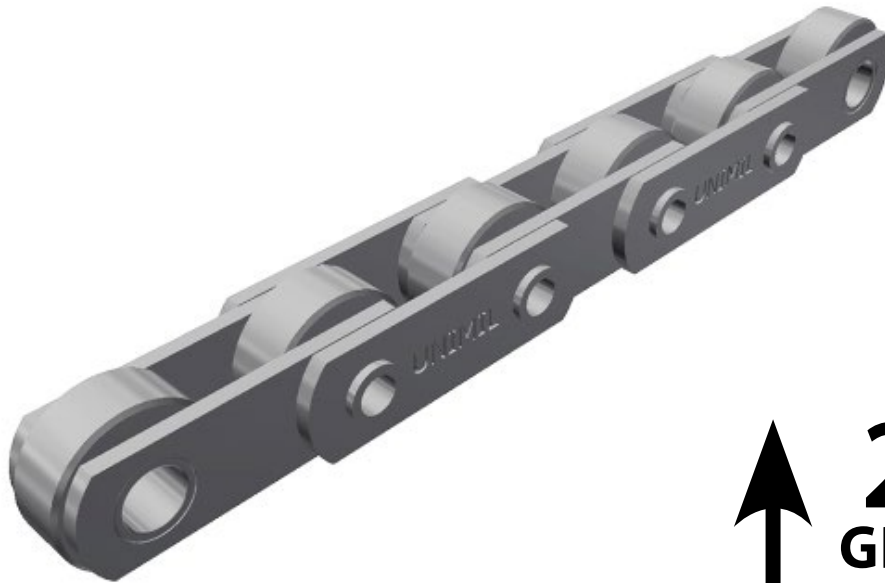
UNIMIL® PN	043414
------------	--------

JOHN DEERE® PN	CXT28884, CXT18155
----------------	--------------------

APPLICATION: CH3510 CH3520 CH3522 CH570 CH670

- Heat treatment

ELEVATOR CHAIN



**20%
GREATER**
 COMPARED TO THE MARKET

APPLICATION: CH3510 CH3520 CH3522 CH570 CH670

- Best performance of the market
- High performance steel rollers
- High toughness, hardenability and wear resistance
- Ability to absorb mechanical impact without disruption

5,90MTS

UNIMIL® PN	052178
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11,80MTS

UNIMIL® PN	041343
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JOHN DEERE® PN	0211333020, AXT14824, CB01433201
----------------	----------------------------------

1,27MTS + CHAIN LINK

UNIMIL® PN	029170
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CÓD. JOHN DEERE	CB01445095
-----------------	------------

13,10MTS

UNIMIL® PN	041347
------------	--------

CÓD. JOHN DEERE	AXT14824, CB01433201
-----------------	----------------------

12,50MTS

UNIMIL® PN	041346
------------	--------

JOHN DEERE® PN	AXT14824
----------------	----------

13,50MTS

UNIMIL® PN	059567
------------	--------

JOHN DEERE® PN	0213003991
----------------	------------

0,395MTS + CHAIN LINK

UNIMIL® PN	012165
------------	--------

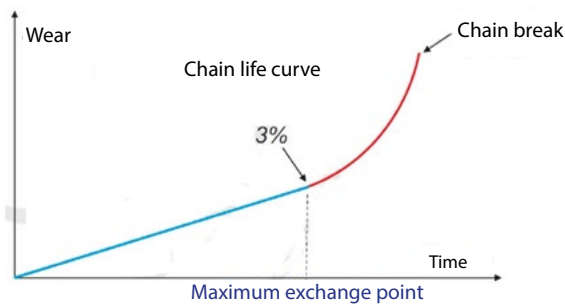
JOHN DEERE® PN	CB01445090
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ELEVATOR CHAIN RULE

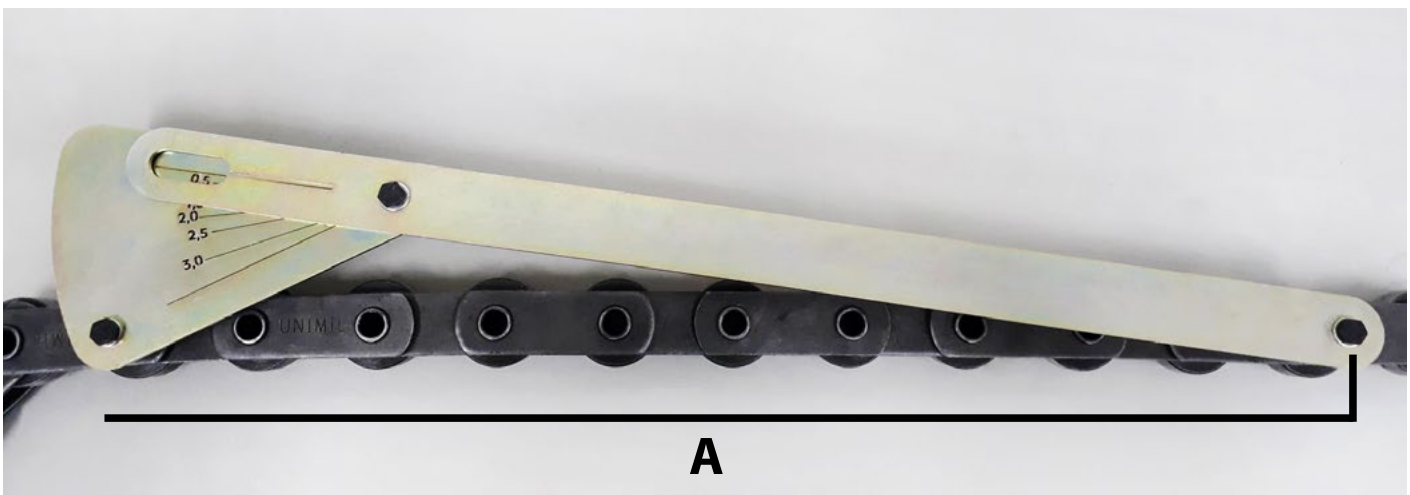
UNIMIL® PN **042364**

APPLICATION: CH3510 CH3520 CH3522 CH570 CH670

- Checks 10-step elevator chain elongation wear
- It presents a scale, allowing the reading of the current situation of the chain's percentage wear
- Ease and agility in the identification of wear, anticipating failures in the operation



Measure A (mm) 10 steps - Wear in the extension elevator chain						
508,0	510,5	513,1	515,6	518,2	520,7	523,2
0,0%	0,5%	1,0%	1,5%	2,0%	2,5%	3,0%



SPECIAL ELEVATOR SHAFT


UNIMIL® PN
029230

APPLICATION: CH3510 CH3520 CH3522 CH570

- It avoids misalignment of the elevator chains and gears

ELEVATOR CHAIN LINK W/ PARLOCK NUT


UNIMIL® PN
026686
JOHN DEERE® PN
CB11407067, 0531319377

APPLICATION: CH3510 CH3520 CH3522 CH570 CH670 CH950

- Parlock nut instead of lock pin
- Greater security and resistance

ELEVATOR BASKET PERFORATED PLATE



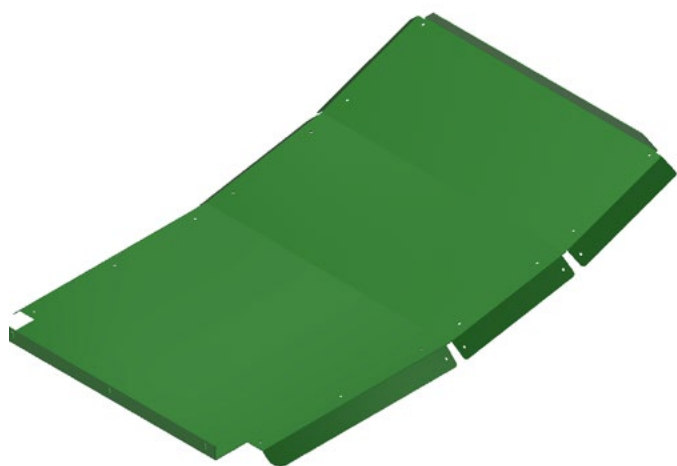
UNIMIL [®] PN	029758
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JOHN DEERE [®] PN	CB11472951, CB11472955
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APPLICATION: CH3520 CH3522 CH570 CH670

- Perforated and reinforced

ELEVATOR GUARD



UNIMIL [®] PN	015953
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JOHN DEERE [®] PN	CB01472891
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APPLICATION: CH3510 CH3520 CH3522 CH570 CH670

- Greater thickness and resistance
- Thickness 3/16"

CENTRAL SHEAVE GUIDE W/ BRONZE BUSHING



UNIMIL® PN	033617
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JOHN DEERE® PN	CB01437522
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APPLICATION: CH3510 CH3520 CH3522 CH570 CH670

- Cast Iron + Bronze Bushing

CENTRAL SHEAVE GUIDE W/ BEARING



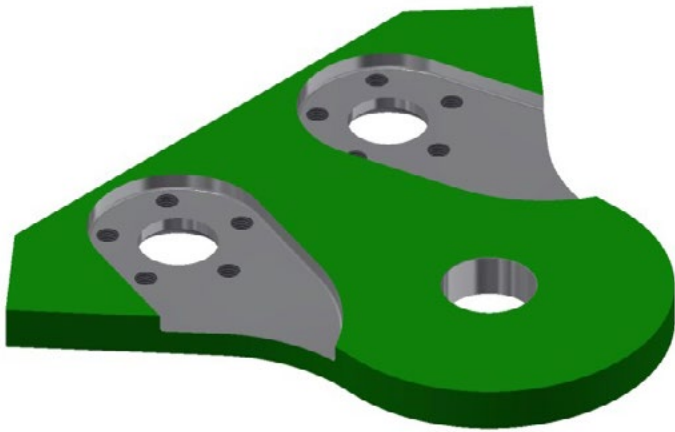
UNIMIL® PN	031448
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JOHN DEERE® PN	CB01437522
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APPLICATION: CH3510 CH3520 CH3522 CH570 CH670

- Bushings are replaced with rolling bearings

UPPER PLATE FITTING ROTATING PLATFORM



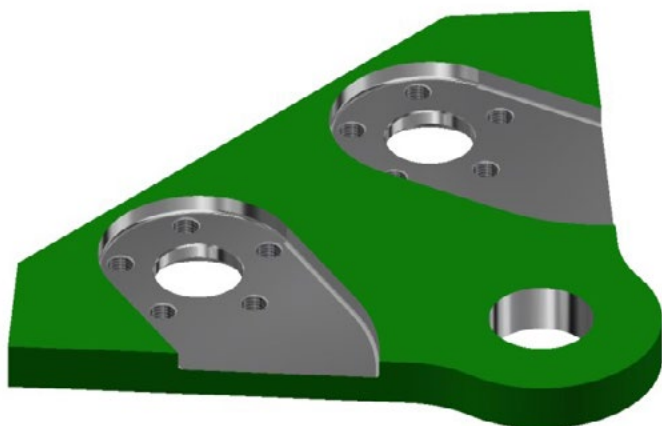
UNIMIL® PN	034196
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JOHN DEERE® PN	0290251782
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APPLICATION: CH3520 CH3522 CH570 CH670

- Improvement - Back extraction of rotating cylinder
- It provides increased speed and comfort throughout the cylinder exchange process
- It prevents mechanics from going under the harvester to remove cylinders

BOTTOM PLATE FITTING ROTATING PLATFORM



UNIMIL® PN	034195
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JOHN DEERE® PN	0290247416
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APPLICATION: CH3510 CH3520 CH3522 CH570 CH670

- Improvement - Back extraction of rotating cylinder
- It provides increased speed and comfort throughout the cylinder exchange process
- It prevents mechanics from going under the harvester to remove cylinders

REINFORCED SWING TABLE

UNIMIL® PN

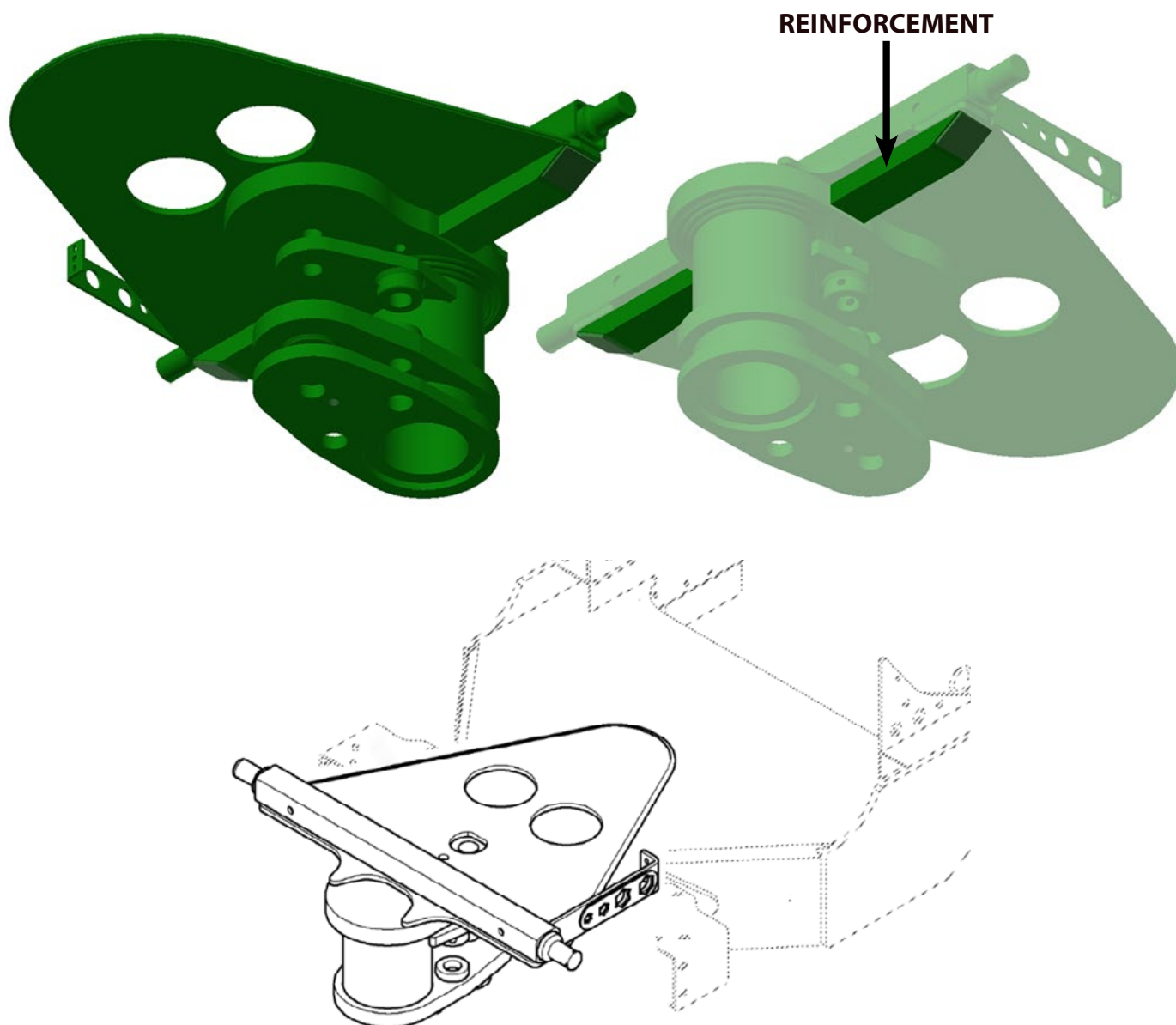
010466

JOHN DEERE® PN

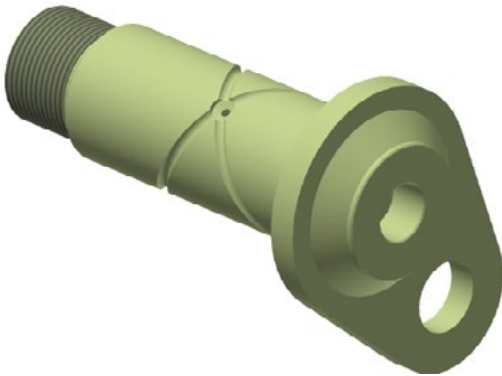
AXT10689, AXT15321, CB11473140, CB11494178, NW11469063

APPLICATION: CH3510 CH3520 CH3522 CH570 CH670

- Increased mechanical resistance
- Overweight support to avoid cracks
- Welded square tube added to both sides
- Reinforced laminated profile "U" (2nd Alma)



PIN W/ LUBRICATION CHANNEL - SWING TABLE



UNIMIL® PN

045732

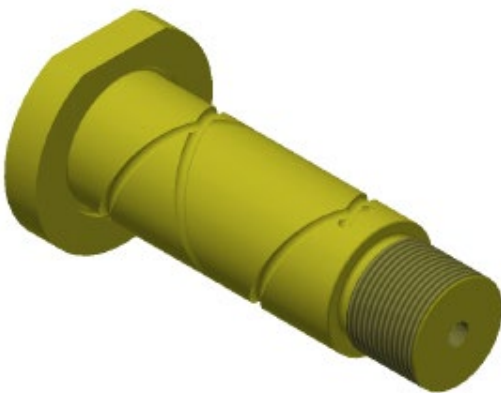
JOHN DEERE® PN

AXT10691

APPLICATION: CH3510 CH3520 CH3522 CH570 CH670

- External lubrication channels through the pin
- Maintains uniform lubrication, unlike the competition where it only has a central hole

PIN W/ LUBRICATION CHANNEL - SWING TABLE



UNIMIL® PN

046062

JOHN DEERE® PN

CB01432669

APPLICATION: CH3510 CH3520 CH3522

- External lubrication channels through the pin
- Maintains uniform lubrication, unlike the competition where it only has a central hole

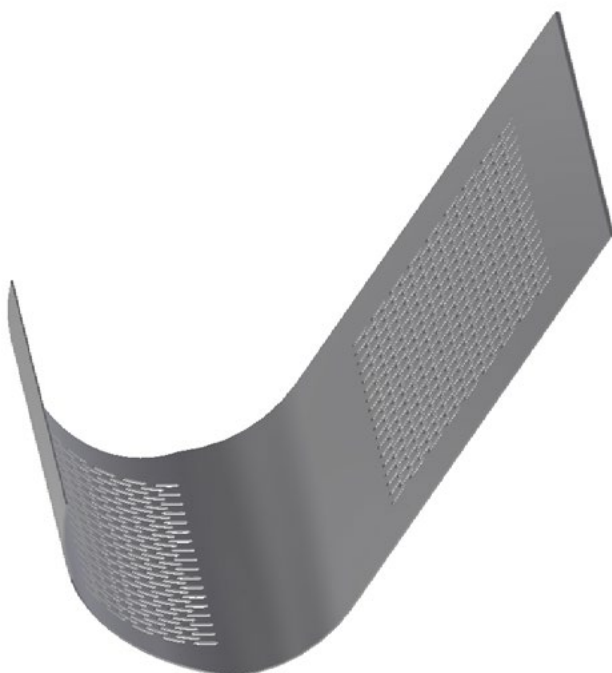
PIN - REINFORCED

**UNIMIL[®] PN****005812****JOHN DEERE[®] PN****0290240805, CB01487615**

APPLICATION: CH3510 CH3520 CH3522 CH570 CH670

- Forged part
- Better fitting in the equipment
- Increased durability and life expectancy

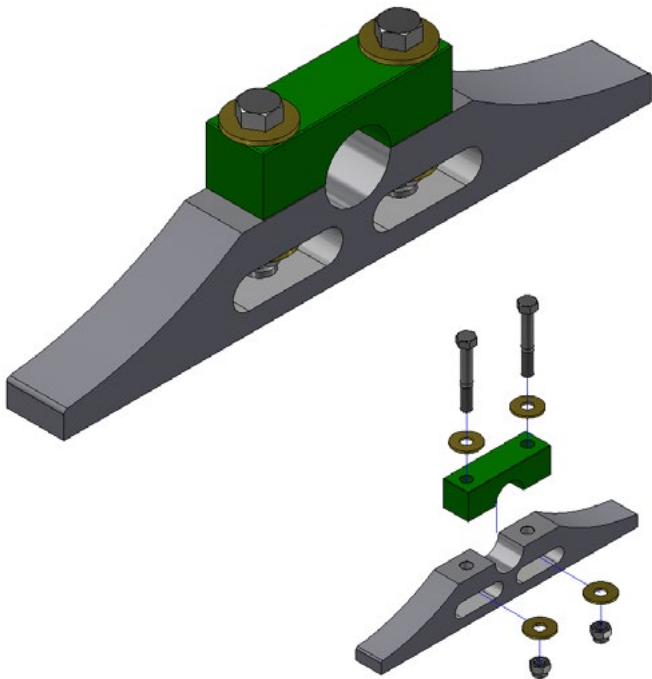
PERFORATED LOWER J PLATE

**UNIMIL[®] PN****033668**

APPLICATION: CH3510 CH3520 CH3522

- Hardox 450 - Thickness 1/4"
- Perforated plate to prevent the accumulation of residues
- Reduces mineral impurities at the bottom of the elevator

ELEVATOR BUSHING KIT

**UNIMIL[®] PN****043737**

APPLICATION: CH3510 CH3520 CH3522 CH570 CH670

- Special item - Welded to the bottom of the elevator frame
- Better tightening due to the use of the torque nut
- Greater durability in the set, as it uses a nut instead of a thread

CROP DIVIDER

ENDLESS

APPLICATION: CH570 CH670 CH950

- Wear coating on the first 3 lower spirals
- Interchangeable with all CH570, CH670 and CH950 models

EXTERNAL (RH)

UNIMIL® PN
030995
JOHN DEERE® PN
AXT16679, AXT21920

INTERNAL (RH)

UNIMIL® PN
030999
JOHN DEERE® PN
AXT16680, AXT20985

INTERNAL (LH)

UNIMIL® PN
031052
JOHN DEERE® PN
AXT16677, AXT20516

EXTERNAL (LH)

UNIMIL® PN
030994
JOHN DEERE® PN
AXT16681, AXT21919



SHIELDED BEARING KIT (BEARING + BEARING + ARMOR)

UNIMIL® PN	004580
JOHN DEERE® PN	CB01480304, CXT33465

APLICAÇÃO: CH3510 CH3520 CH570 CH670

• **METAL SHIELDING**

Prevents impurities from entering the system, prolonging its useful life

• **TAPERED ROLLER BEARING**

High load capacity, high rigidity, low friction and heat reduction

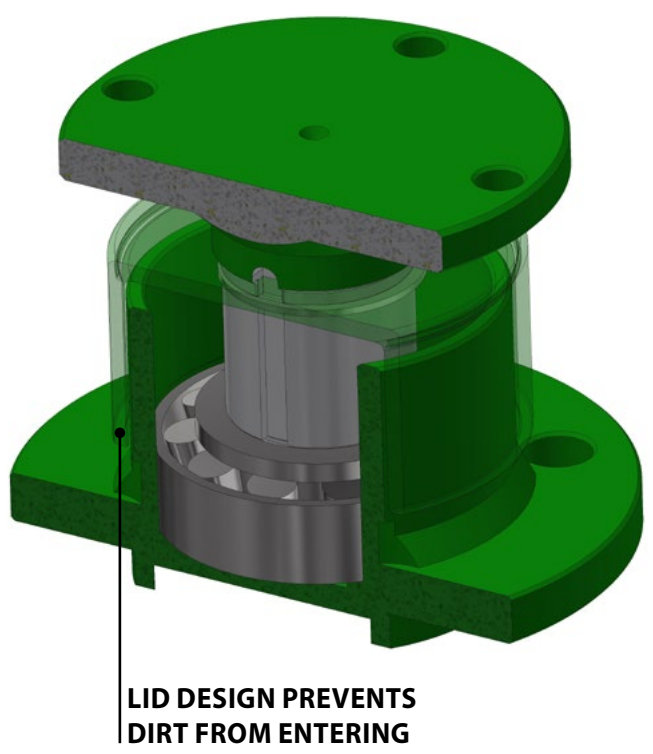
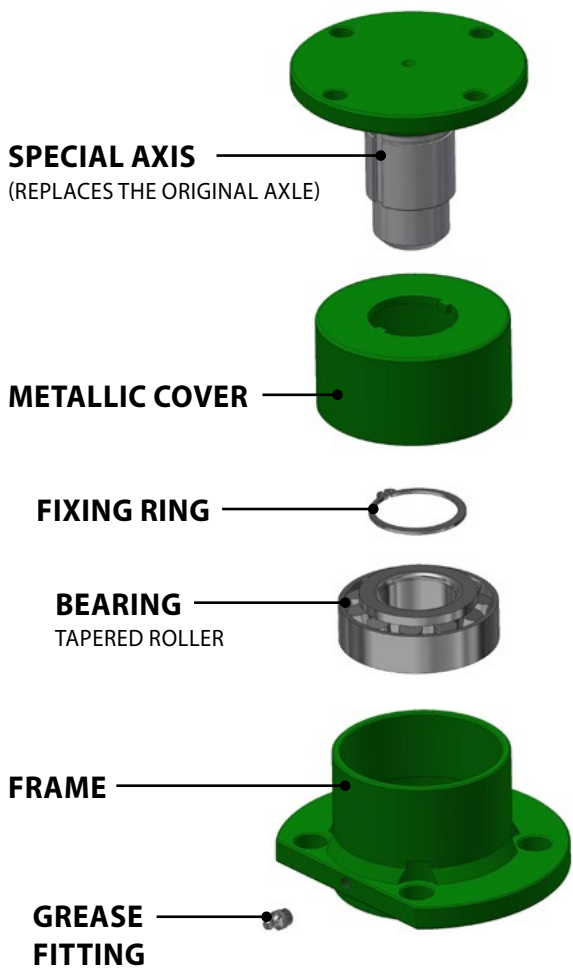
• **4.8X GREATER CARRYING CAPACITY**

Ball bearing (~25kN) vs Tapered roller bearing (~120kN)

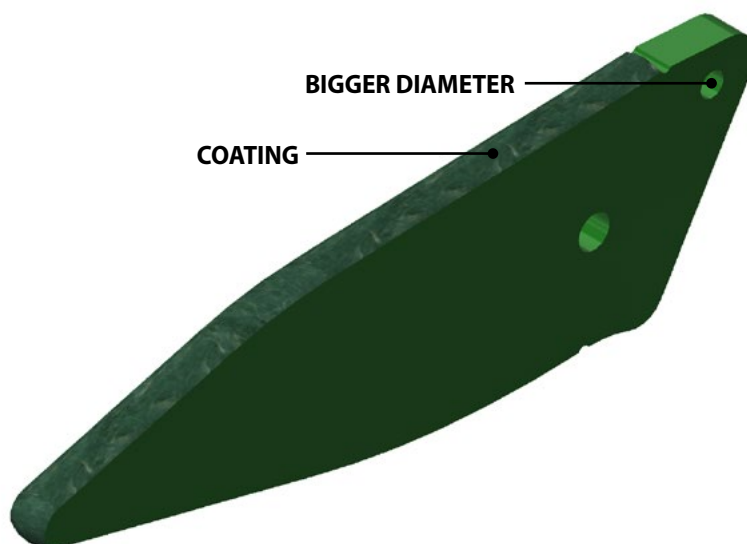
6.000h
OF DURABILITY
1~2 HARVESTS

RIGHT/LEFT
COMPATIBLE ON BOTH SIDES

RECOMMENDED
LUBRICATION
EVERY 25 HOURS



LINE DIVIDER TOE BREAK AWAY



SAE 1020 - CARBIDE COATING - FUSE

UNIMIL® PN	051269
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JOHN DEERE® PN	CXT13305, CXT26420
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APPLICATION: CH570 CH670

- Tip for fusible screw with coating
- Larger hole diameter for screws up to 3/8"
- Minimizes excessive screw breakage during operation

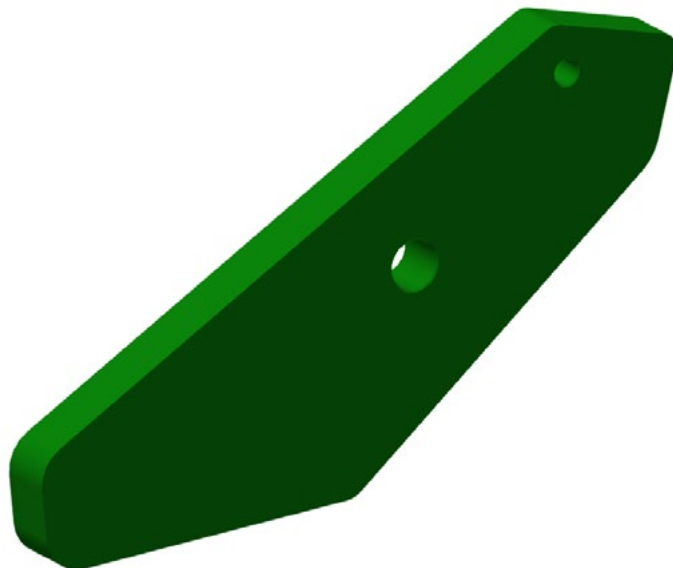
SAE 1020 - CARBIDE COATING

UNIMIL® PN	030726
------------	--------

JOHN DEERE® PN	CXT13305, CXT26420
----------------	--------------------

APPLICATION: CH570 CH670

LINE DIVIDER TOE BREAK AWAY



SAE 1020 - CARBIDE COATING

UNIMIL® PN	010355
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JOHN DEERE® PN	CB01443097
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APPLICATION: CH3510 CH3520 CH3522

HARDOX 500

UNIMIL® PN	038452
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JOHN DEERE® PN	CB01443097
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APPLICATION: CH3510 CH3520 CH3522

SAE 1020 - TUNGSTEN COATING

UNIMIL® PN	038568
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JOHN DEERE® PN	CB01443097
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APPLICATION: CH3510 CH3520 CH3522

HARDOX 450 - FUSE

UNIMIL® PN	058118
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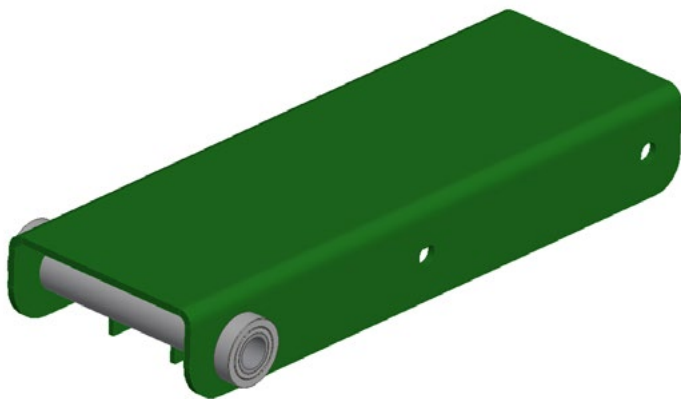
JOHN DEERE® PN	CB01443097
----------------	------------

APPLICATION: CH3510 CH3520 CH3522

LINKAGE

APPLICATION: CH3520 CH3522

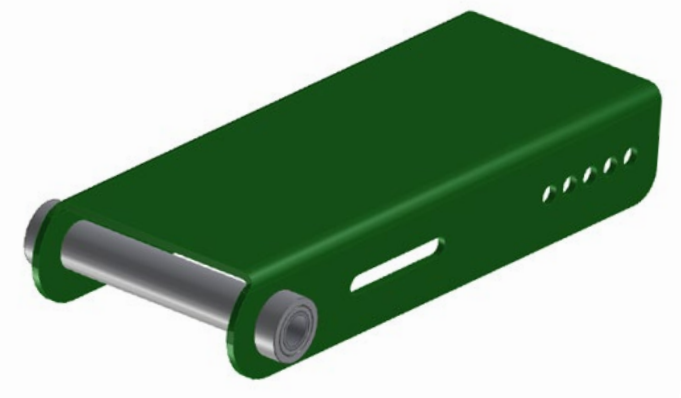
- Additional external bushing to the tube



UPPER

UNIMIL® PN	018225
JOHN DEERE® PN	CB11489597

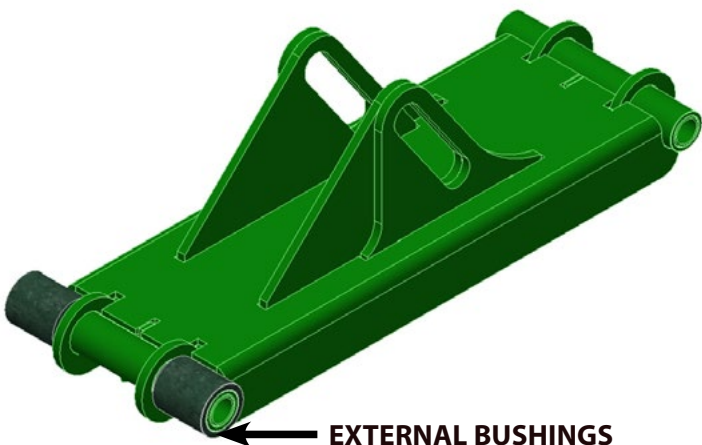
QTY: 02



MIDDLE

UNIMIL® PN	018224
JOHN DEERE® PN	CB11489596

QTY: 02



BOTTOM (BIG)

UNIMIL® PN	020417
JOHN DEERE® PN	CB11500646

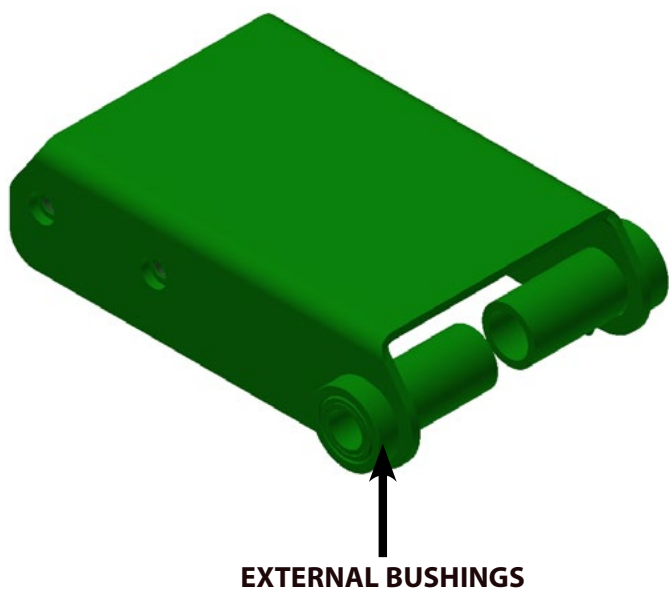
QTY: 02

← EXTERNAL BUSHINGS

LINKAGE

APPLICATION: CH3520 CH3522

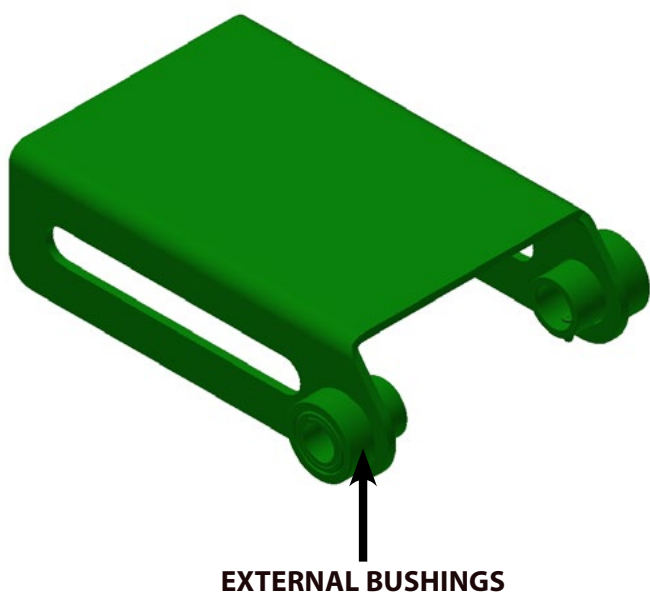
- External bushing additional to the tube
- It has external bushings to improve the mechanical resistance of containers and does not turn the bushings into an oval shape



INNER

UNIMIL [®] PN	009704
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JOHN DEERE [®] PN	CB11432953, CB11438999
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OUTER

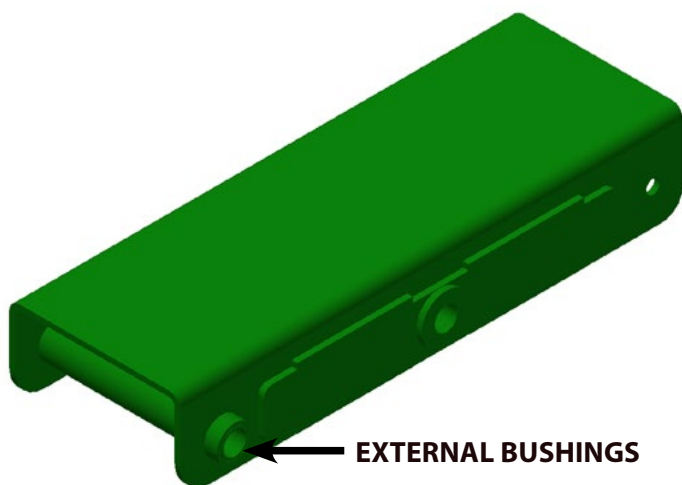
UNIMIL [®] PN	009705
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JOHN DEERE [®] PN	CB11432957, CB11439000
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LINKAGE

APPLICATION: CH3520 CH3522

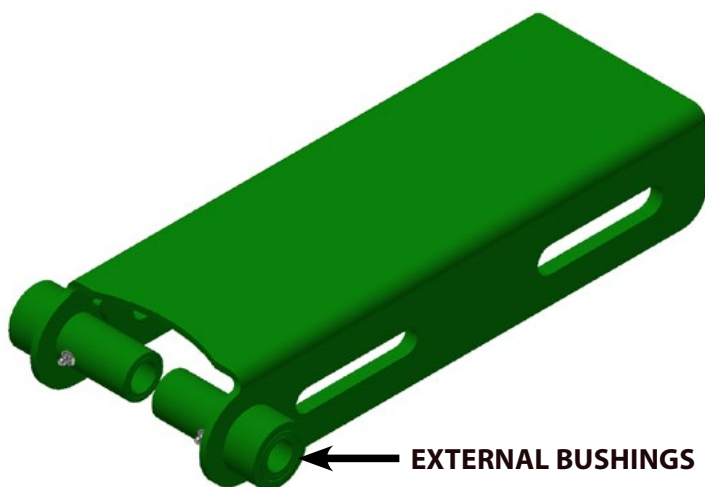
- External bushing to improve the container resistance (avoiding turning it into an oval shape)



BOTTOM

UNIMIL® PN	022021
JOHN DEERE® PN	CB11490498

QTY: 02

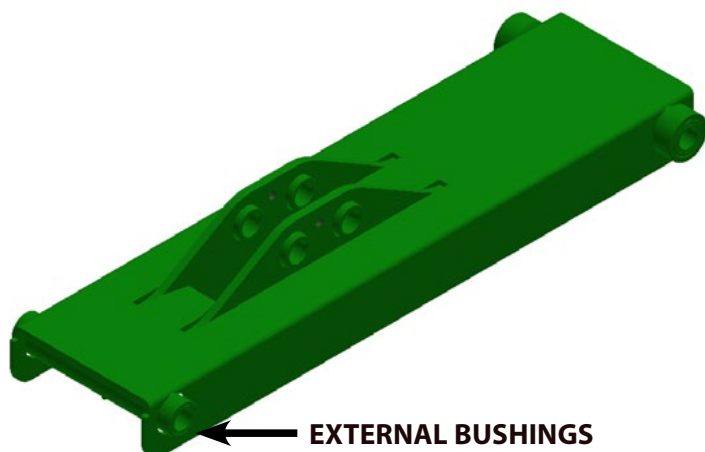


UPPER

UNIMIL® PN	022022
JOHN DEERE® PN	CB11490499

QTY: 02

BIG LOWER LINKAGE



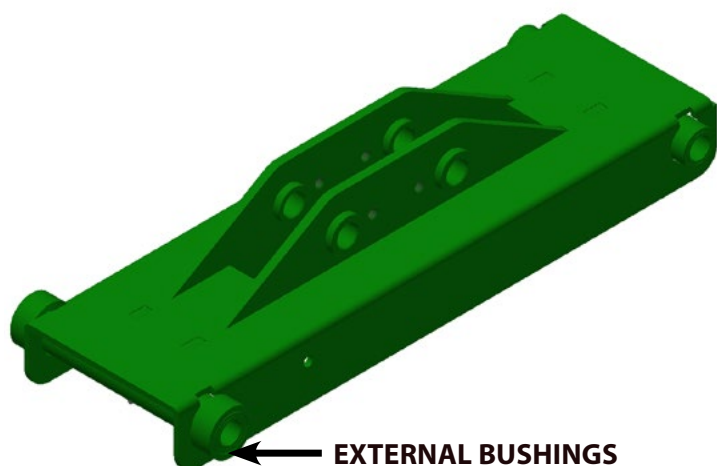
UNIMIL® PN	009706
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JOHN DEERE® PN	CB11425257, CB11479899, CB11489598
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APPLICATION: CH3510 CH3520 CH3522

- It has external bushings to improve the mechanical resistance of containers and does not turn the bushings into an oval shape

BIG LOWER LINKAGE WITH SUP COP FLOOR



UNIMIL® PN	010369
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JOHN DEERE® PN	AXT10100
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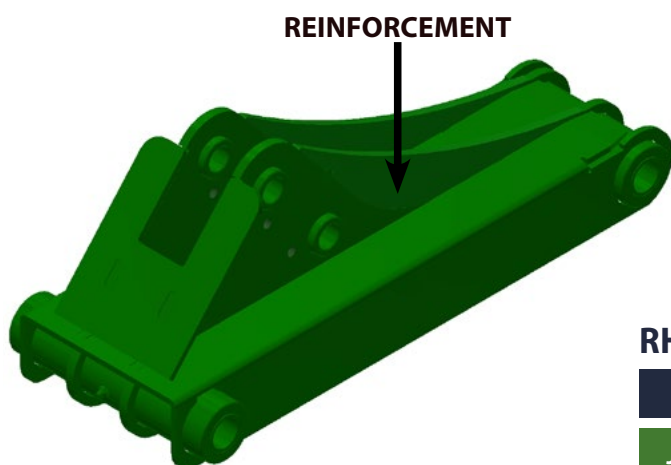
APPLICATION: CH3520 CH3522

- External bushing to improve the container resistance (avoiding turning it into an oval shape)

CROP DIVIDER LINKAGE W/ FITTING

APPLICATION: CH570 CH670

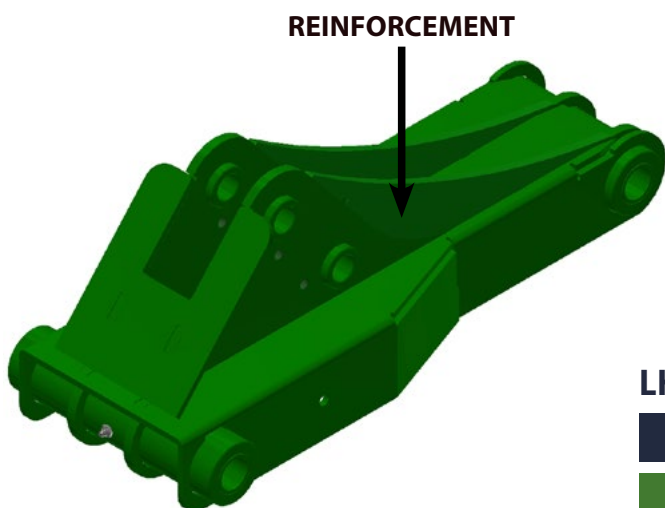
- Reinforcement in the upper part, where there is a high incidence of cracking and breaking



RH

UNIMIL® PN 040810

JOHN DEERE® PN AXT11337, AXT14239, AXT15504



LH

UNIMIL® PN 040809

JOHN DEERE® PN AXT11336, AXT14238, AXT15503

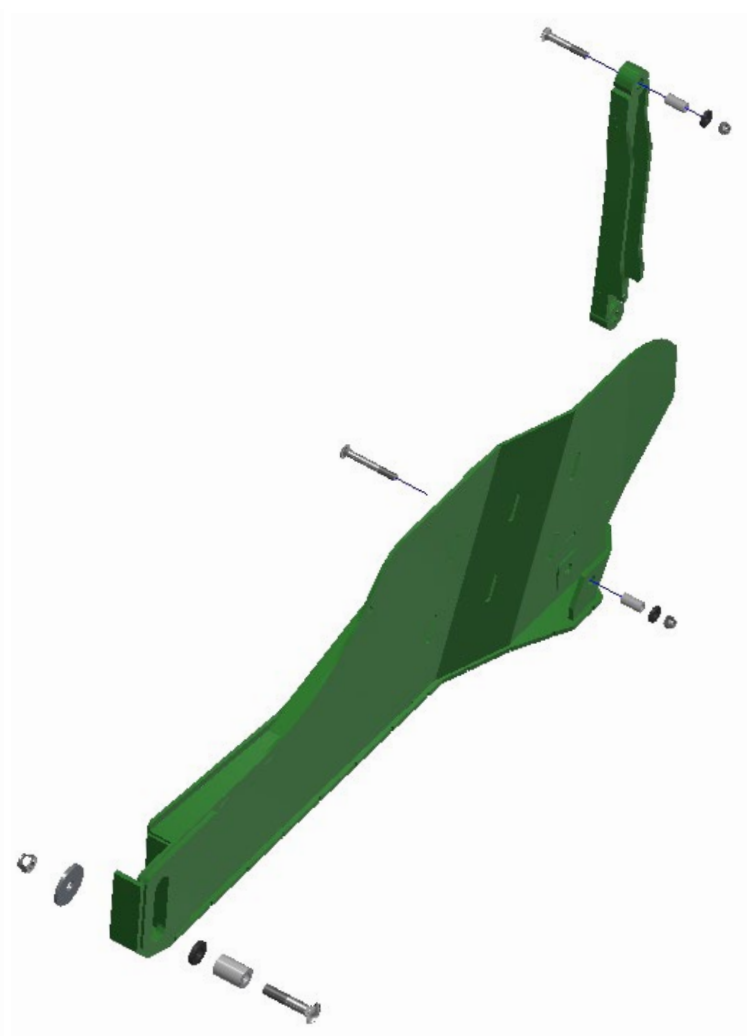
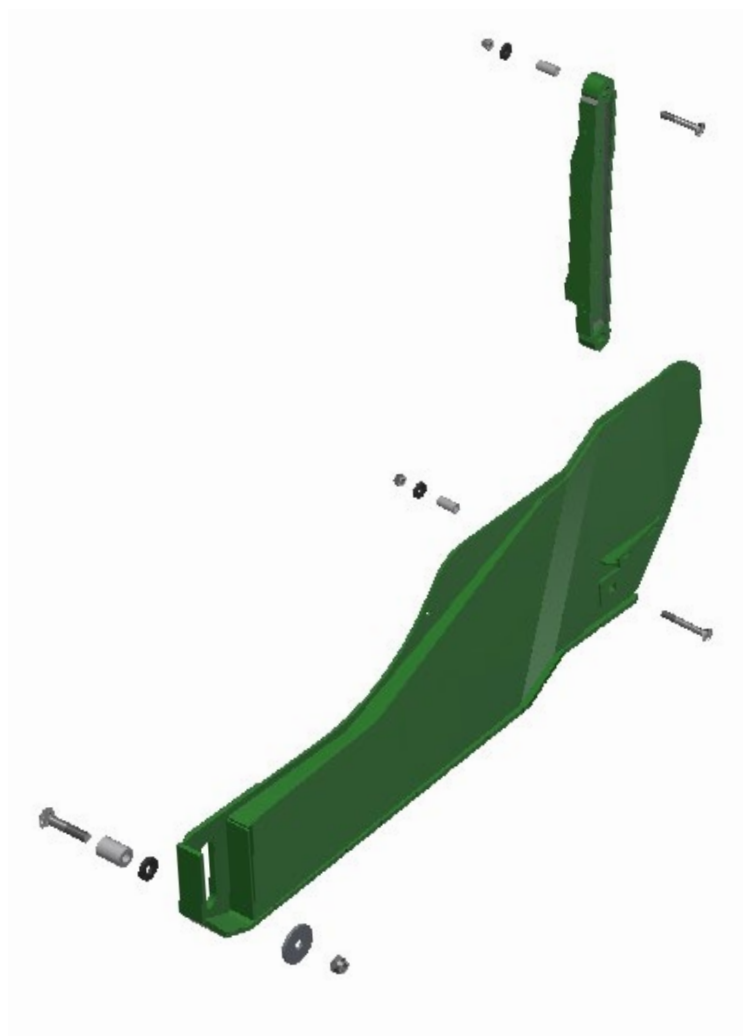
UNIMIL HAS A COMPLETE LINE OF BUSHINGS WITH GROOVES
SEE THE CATALOGUE USING THE QR CODE OR CLICK HERE



KIT SHOE + SUPPORT

APPLICATION: CH570 CH670

- Optimizes maintenance, as the Kit contains all the components that are replaced with the shoe
- Includes dowels and fixing screws



LH

UNIMIL® PN

052011

JOHN DEERE® PN

AXT11303, AXT13985, AXT16375

RH

UNIMIL® PN

052012

JOHN DEERE® PN

AXT11304, AXT13984, AXT16374

FRAME

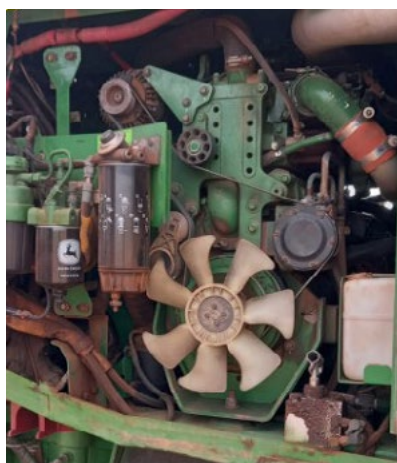
MOTOR PROTECTION W/ RECESS

UNIMIL[®] PN

051137

APPLICATION: CH570 CH670

- Improved harvester engine door security system
- In case of failure of the safety sensor, the motor pulleys and belts will have a physical protection, minimizing the chances of an accident during operation



TRACK

FINAL DRIVE

UNIMIL[®] PN

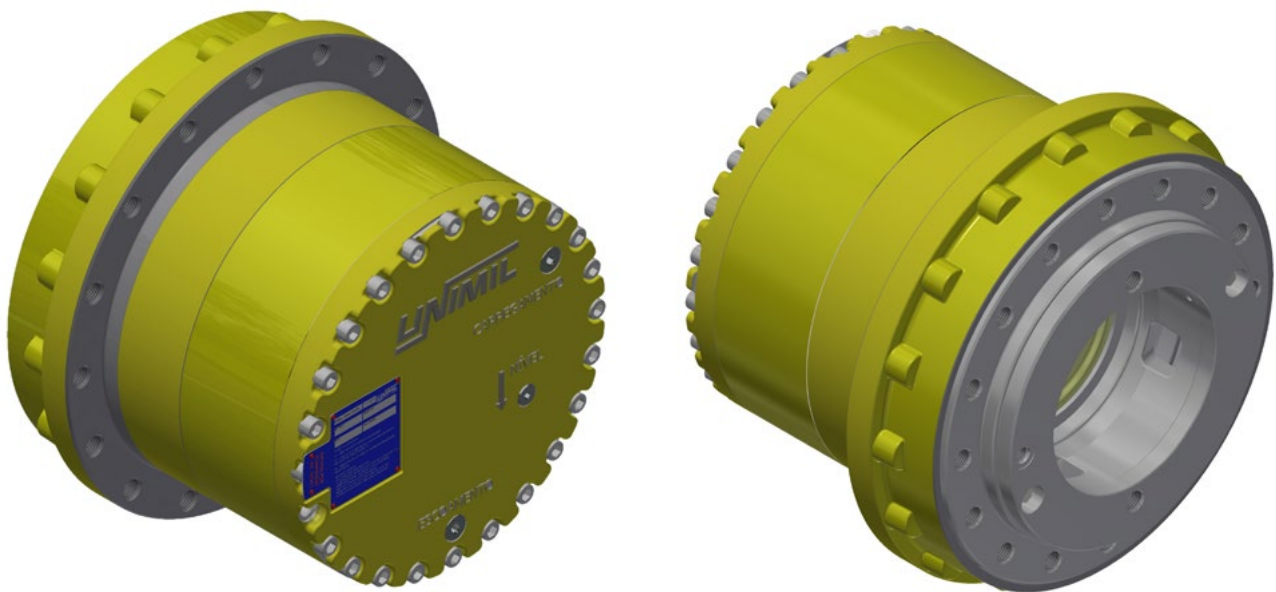
026203

JOHN DEERE[®] PN

DE20510, DE31284, DE31312, DE31817

REDUCTION: 1:52,33

APPLICATION: CH3510 CH3520 CH3522 CH570 CH670



- **INTERCHANGEABLE COMPONENTS**

The internal components can be changed to do the maintenance

- **PRESSURE RELIEF VALVE**

It prevents machinery downtime, duo-cone seal leaks or internal components damage

- **FORGED GEARS AND PINS**

It presents a higher durability, resistance and lifetime

- **NEW BRAKE SYSTEM**

Reduces temperature during operation

- **CENTRAL BEARING**

It supports greater load capacity without wear on the inside of the hub housing

- **SEGMENTED RING GEAR**

It allows the individual exchange of this component instead of the entire housing, reducing maintenance cost

- **IDENTIFICATION PLATE, TRACEABILITY AND MAINTENANCE CYCLE**

It allows the manufacturing process traceability and presents information about the maintenance cycle

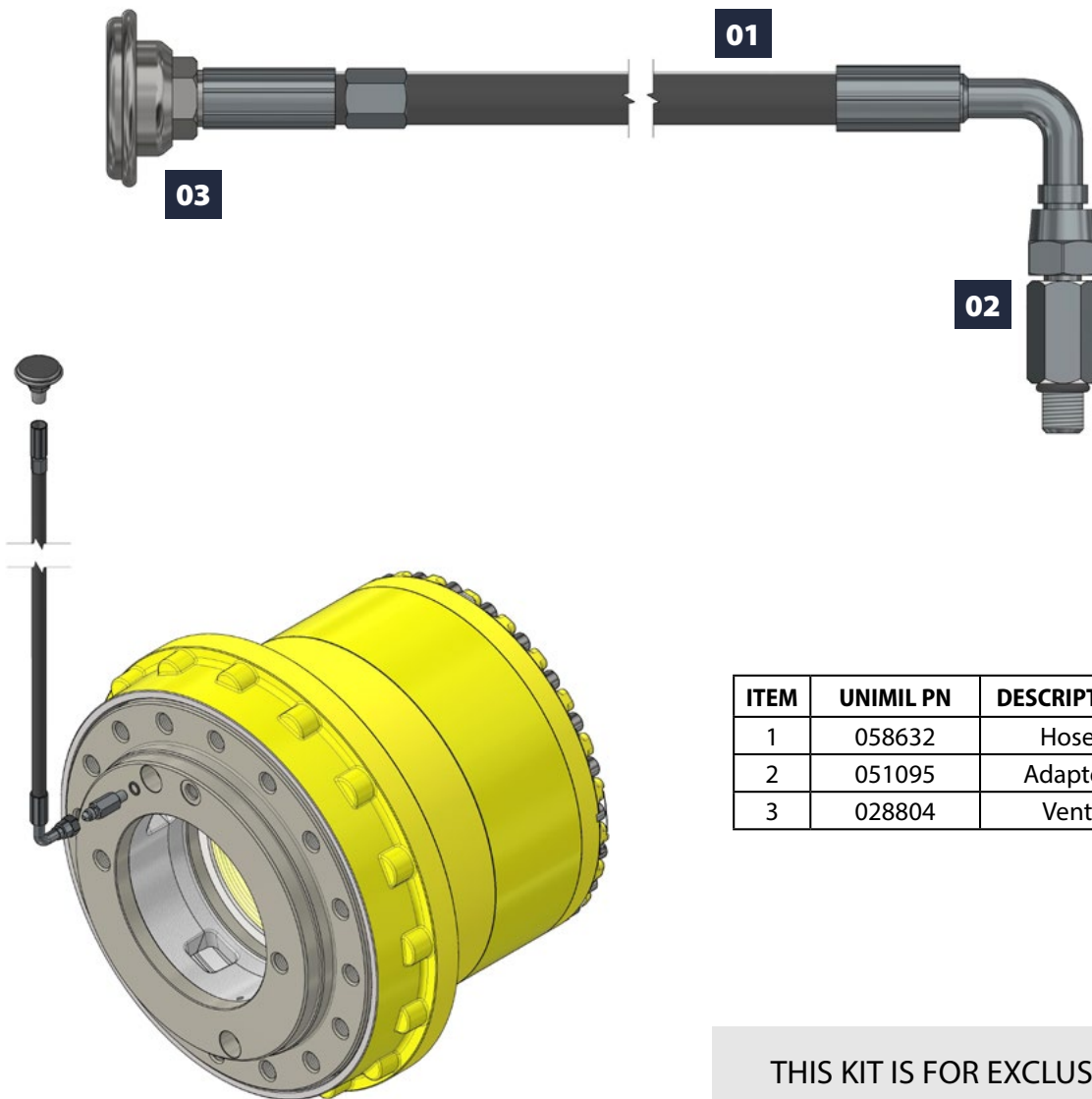
FINAL DRIVE HOSE

RELEASE

UNIMIL® PN 054632

APPLICATION: CH3510 CH3520 CH3522 CH570 CH670

- Keeps the system depressurized automatically and reduces the need for manual relief
- Minimizes internal component breakage due to over-pressure, avoiding maintenance costs
- Facilitates early leak detection, speeding up maintenance and decreasing machine downtime
- Hose length: 2m



ITEM	UNIMIL PN	DESCRIPTION	QTDE
1	058632	Hose	1
2	051095	Adapter	1
3	028804	Vent	1

THIS KIT IS FOR EXCLUSIVE USE ON UNIMIL FINAL DRIVE

FINAL DRIVE - MAINTENANCE SCHEDULE

! OIL 85W140 MUST BE CHANGED EVERY 250 HRS



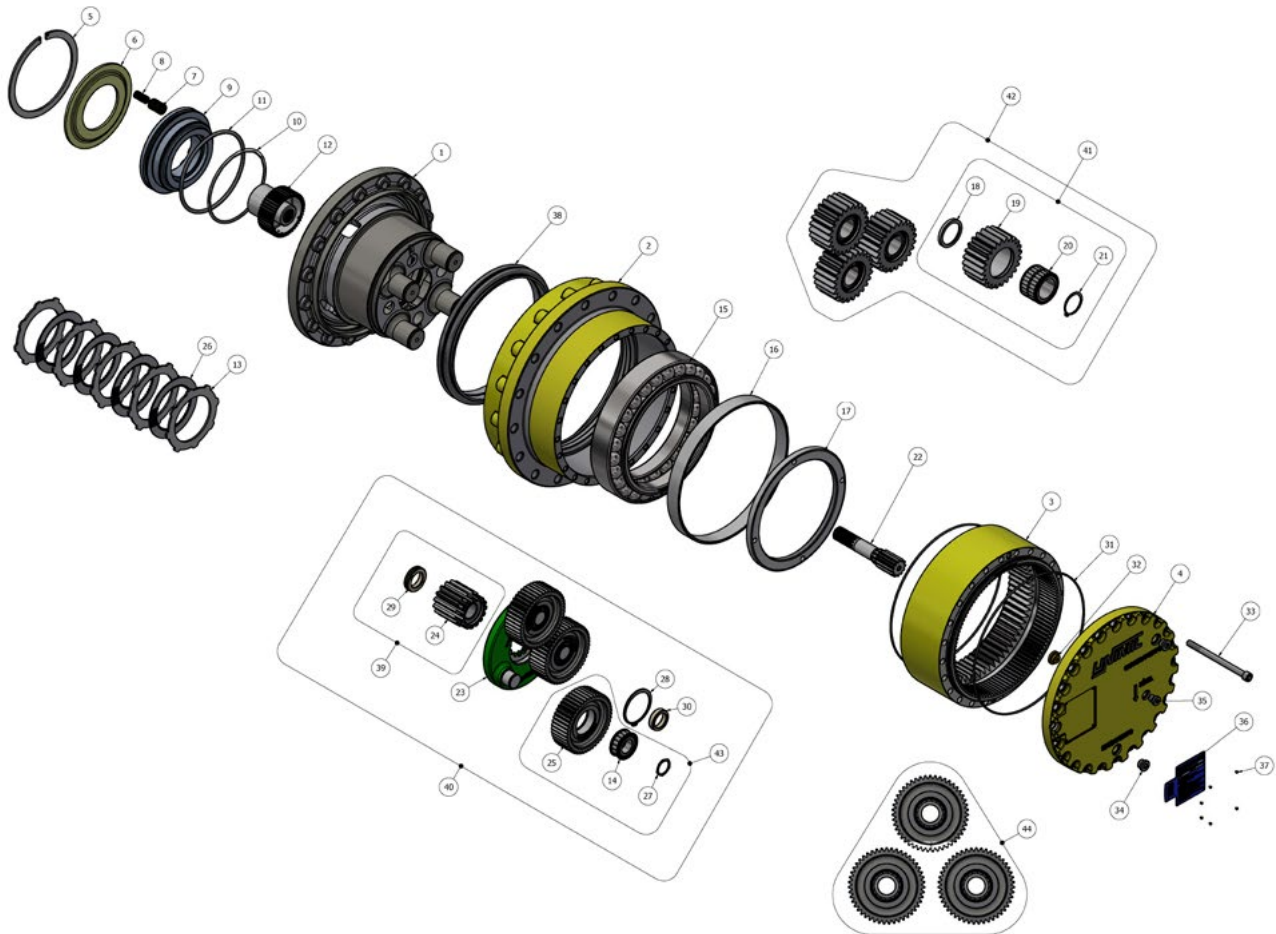
3.000H - CHECK ITEMS			
ITEM	UNIMIL® PN	DESCRIPTION	QTD
2	026353	Intermediate Housing	1
6	026348	Washer	1
7	055253	Compression Spring	12
8	055252	Compression Spring	12
12	055750	Grooved Hub	1
40	058655	Gear Kit	1
33	002847	Allen Screw	24

3.000H - EXCHANGE ITEMS			
ITEM	UNIMIL® PN	DESCRIPTION	QTD
9	046002	Piston	1
10	026391	O-Ring	1
11	026393	O-Ring	1
26	055589	Internal Disk	4
38	000103	Seal Duo-Cone	1
17	026347	Nut	1
22	055741	Reducer Gear Shaft	1
31	045982	O-Ring	2
32	026365	Bushing	1
34	026376	Drain Plug M18x1,5	2
35	005243	Plug M14x1,5	1

6.000H - CHECK ITEMS			
ITEM	UNIMIL® PN	DESCRIPTION	QTD
3	026358	Gear	1
15	052158	Bearing	1

6.000H - EXCHANGE ITEMS			
ITEM	UNIMIL® PN	DESCRIPTION	QTD
9	046002	Piston	1
10	026391	O-Ring	1
11	026393	O-Ring	1
26	055589	Internal Disk	4
38	000103	Seal Duo-Cone	1
17	026347	Nut	1
42	058660	Secondary Gear + Bearing (4 PCS)	1
21	002772	Elastic Ring	4
22	055741	Reducer Gear Shaft	1
40	058655	Gear Kit (3 Gears+Support+Pinion)	1
31	045982	O-Ring	2
32	026365	Bushing	1
34	026376	Drain Plug M18x1,5	2
35	005243	Plug M14x1,5	1

FINAL DRIVE - PARTS LIST



ITEM	UNIMIL® PN	DESCRIPTION	QTD
1	046003	Internal Housing	1
2	026353	Intermediate Housing	1
3	026358	Gear	1
4	026369	Final Drive Lid	1
5	026374	Elastic Ring	1
6	026348	Washer	1
7	055253	Compression Spring	12
8	055252	Compression Spring	12
9	046002	Piston	1
10	026391	O-Ring	1
11	026393	O-Ring	1
12	055750	Grooved Hub	1
13	055292	Steel External Disk	5
14	033195	Bearing	3
15	052158	Bearing	1
16	026371	Support Bearing Ring	1
17	026347	Nut	1
18	026359	Inferior Spacer	4
19	055744	Secondary Gear	4
20	051673	Bearing	4
21	002772	Elastic Ring	4
22	055741	Reducer Gear Shaft	1

ITEM	UNIMIL® PN	DESCRIPTION	QTD
23	026355	Planet Pinion Carrier	1
24	055737	Pinion	1
25	055747	Primary Gear	3
26	055589	Internal Disk	4
27	029704	Elastic Ring	3
28	003001	Elastic Ring	1
29	026362	Pinion Spacer	1
30	026363	Shaft Spacer	1
31	045982	O-Ring	2
32	026365	Bushing	1
33	002847	Allen Screw	24
34	026376	Drain Plug M18x1,5	2
35	005243	Plug M14X1,5	1
36	029735	Id Sign	1
37	029751	Rivet	6
38	000103	Seal Duo-Cone	1
39	058654	Pinion + Spacer	1
40	058655	Gear Kit (3 Gears+Support+Pinion)	1
41	056800	Secondary Gear + Bearing (1 PC)	1
42	058660	Secondary Gear + Bearing (4 PCS)	1
43	056799	Primary Gear + Bearing (1 PC)	1
44	058661	Primary Gear + Bearing (3 PC)	1

AXIS (CH570)



UNIMIL® PN

010018

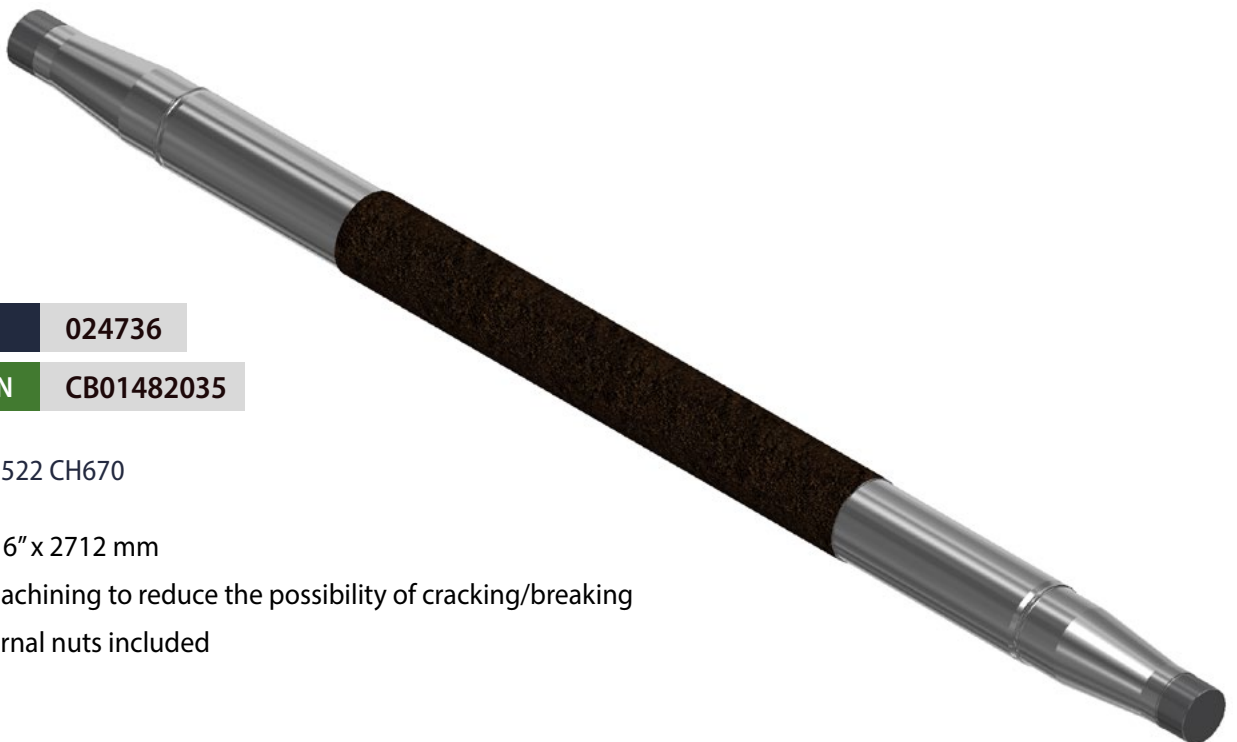
JOHN DEERE® PN

CB01440963, CB01487118

APPLICATION: CH3510 CH3520 CH570

- Fully solid shaft - 6" x 2220 mm
- Superior finish machining to reduce the possibility of cracking/breaking
- Internal and external nuts included

AXIS (CH670)



UNIMIL® PN

024736

JOHN DEERE® PN

CB01482035

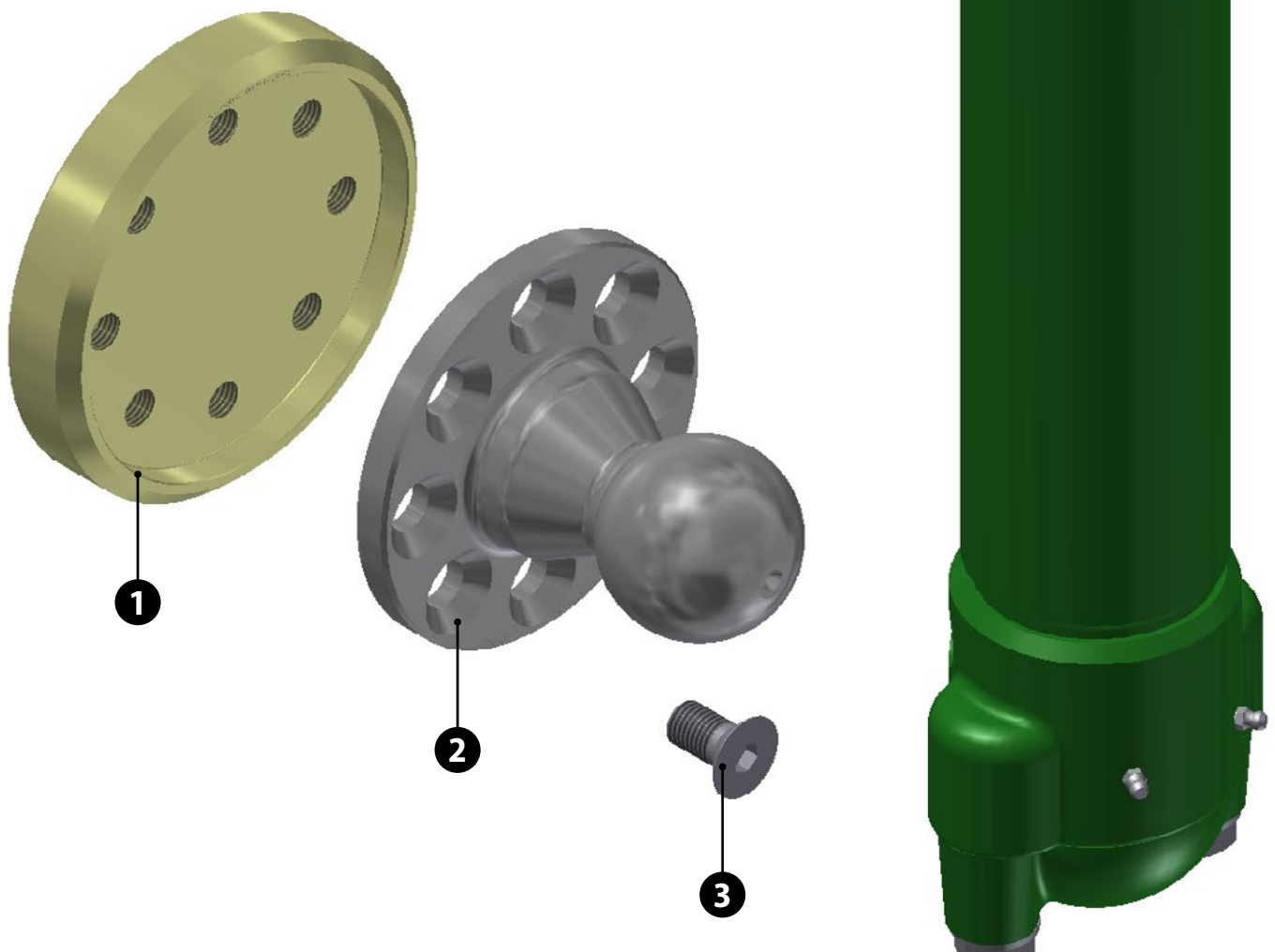
APPLICATION: CH3522 CH670

- Fully solid shaft - 6" x 2712 mm
- Superior finish machining to reduce the possibility of cracking/breaking
- Internal and external nuts included

SPECIAL REMOVABLE BALL STUD BOLT KIT (BOLT + BASE)

APPLICATION: CH3510 CH3520 CH3522

- Ball pin developed with special material and heat treatment
- Eliminates soldering on the ball pin and facilitates maintenance
- Fixation using allen screws
- There is no need to adapt the hydraulic cylinder



1 BASE

UNIMIL® PN

005670

2 SPECIAL BALL STUD BOLT

UNIMIL® PN

005635

3 ALLEN SCREW (8)

UNIMIL® PN

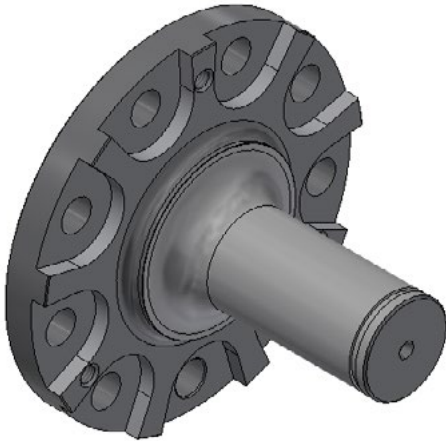
005637

1 2 3 COMPLETE KIT

UNIMIL® PN

005690

SPINDLE

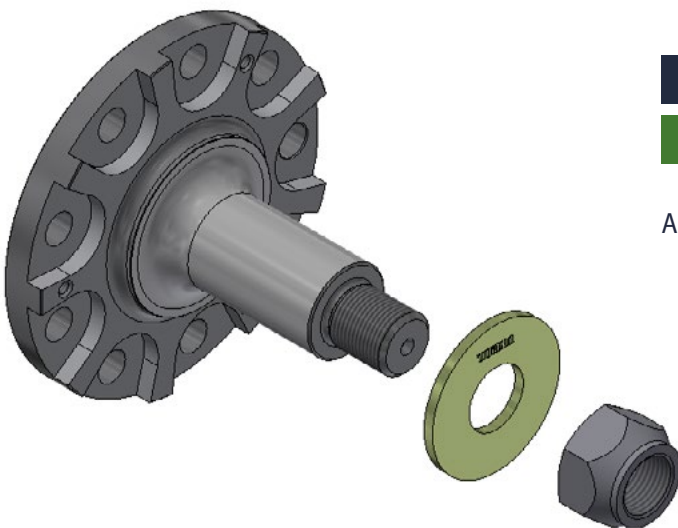


UNIMIL® PN	045690
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JOHN DEERE® PN	CXT22174
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APPLICATION: CH570 CH670

SPINDLE W/ THREAD



UNIMIL® PN	056225
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JOHN DEERE® PN	CXT16904
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APPLICATION: CH570 CH670

SPINDLE W/ THREAD



UNIMIL [®] PN	035309
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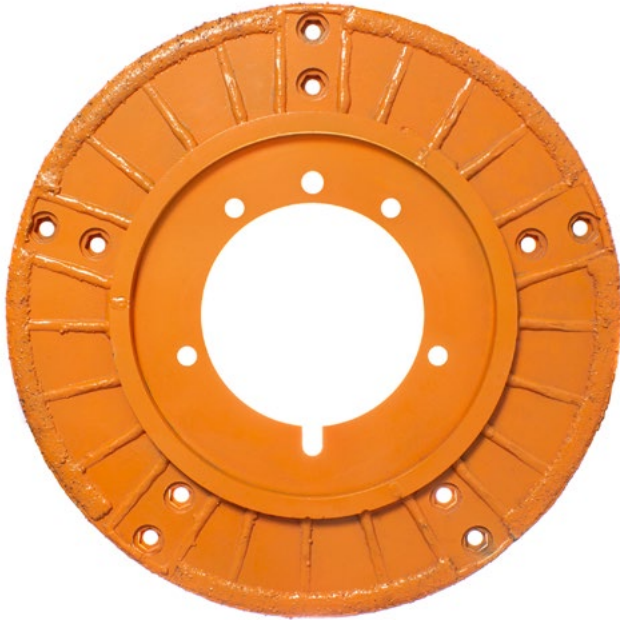
JOHN DEERE [®] PN	CXT16904
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APPLICATION: CH570 CH670

- Application on recent CH570 models, or on older models using the 16-inch track.

BASE CUTTER

BASE CUTTER DISK 22" (5 BLADES) - REINFORCED



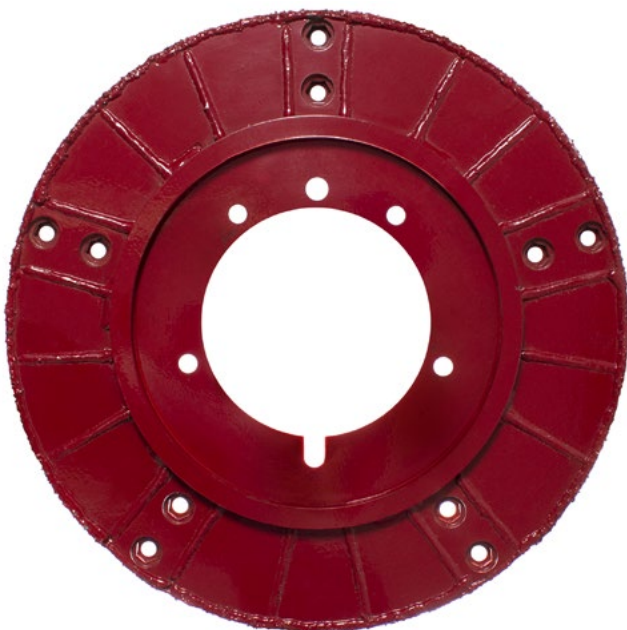
UNIMIL® PN	011815
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JOHN DEERE® PN	1190329876, AXT16365, CB01481963
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APPLICATION: CH3510 CH3520 CH570

- Improvement - With reinforced tungsten
- Tungsten coated
- 25 reinforcements of 10 mm (L) x 5 mm (W) on all the surface
- 26 mm (L) x 3 mm (W) coating edges
- Increased wear resistance

BASE CUTTER DISK 22" (5 BLADES) - MARKET STD



UNIMIL® PN	029679
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JOHN DEERE® PN	1190329876, AXT16365, CB01481963
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APPLICATION: CH3510 CH3520 CH570

- Improvement - With market standard tungsten
- Tungsten coated
- 20 reinforcements of 10 mm (L) x 3 mm (W) on all the surface
- 13 mm (L) x 3 mm (W) coating edges

BASE CUTTER DISK 22" (5 BLADES)



UNIMIL® PN 003179

JOHN DEERE® PN 1190329876, AXT16365, CB01481963

APPLICATION: CH3510 CH3520 CH570

- Chrome Carbide Coated
- 30 reinforcements of 10 mm (L) x 3 mm (W) on all the surface
- 26 mm (L) x 3 mm (W) coating edges

HUBCAP - CUTTER DISK 22" (5 BLADES)

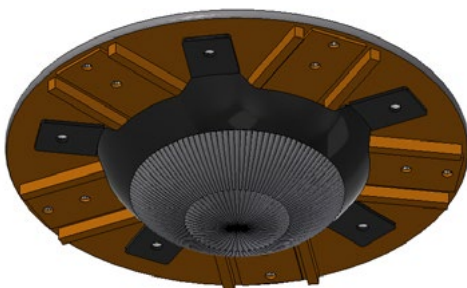
HARD WELD COATING



UNIMIL® PN 045034

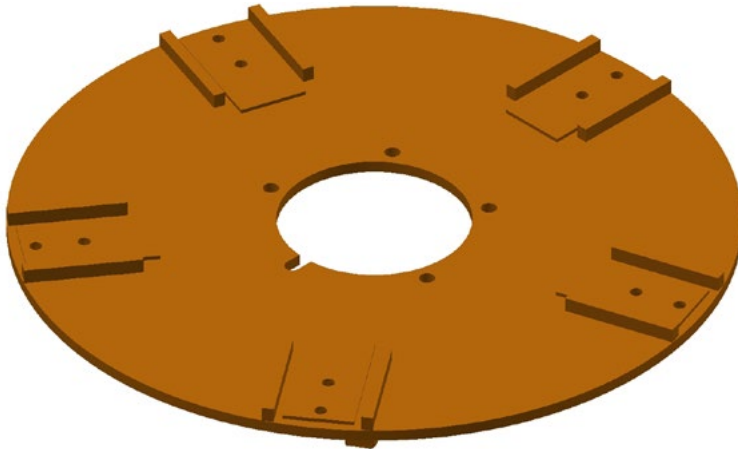
APPLICATION: CH3510 CH3520 CH570

- Assists in the alignment of the base cut blades
- Coated with hard weld coating (chromium carbide)



HUBCAP APPLICATION

BASE CUTTER DISK 30" (5 BLADES) - REINFORCED



LH

UNIMIL® PN 034372

JOHN DEERE® PN CB11490425

RH

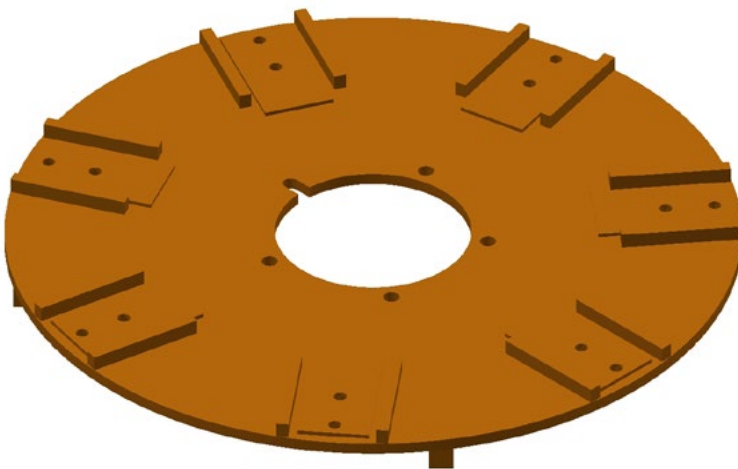
UNIMIL® PN 034373

JOHN DEERE® PN CB11499185

APPLICATION: CH3520 CH570

- Tungsten coated - Reinforced
- Greater wear resistance

BASE CUTTER DISK 30" (7 BLADES) - REINFORCED



LH

UNIMIL® PN 029299

JOHN DEERE® PN AXT16367

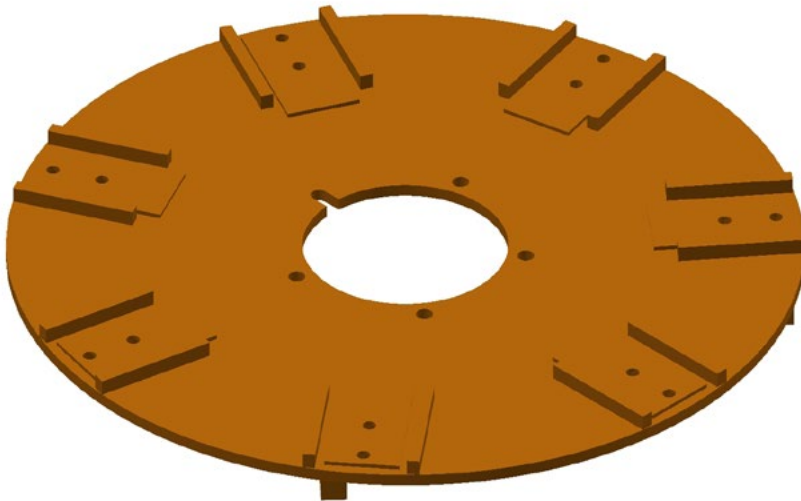
RH

UNIMIL® PN 029300

JOHN DEERE® PN AXT16368

APPLICATION: CH3522 CH670

- Tungsten coated - Reinforced
- Greater wear resistance

BASE CUTTER DISK 31" (7 BLADES) - REINFORCED**LH**UNIMIL[®] PN

034379

JOHN DEERE[®] PN

CB11490425

RHUNIMIL[®] PN

034380

JOHN DEERE[®] PN

CB11499185

APPLICATION: CH3522 CH670

- Tungsten coated - Reinforced
- Greater wear resistance

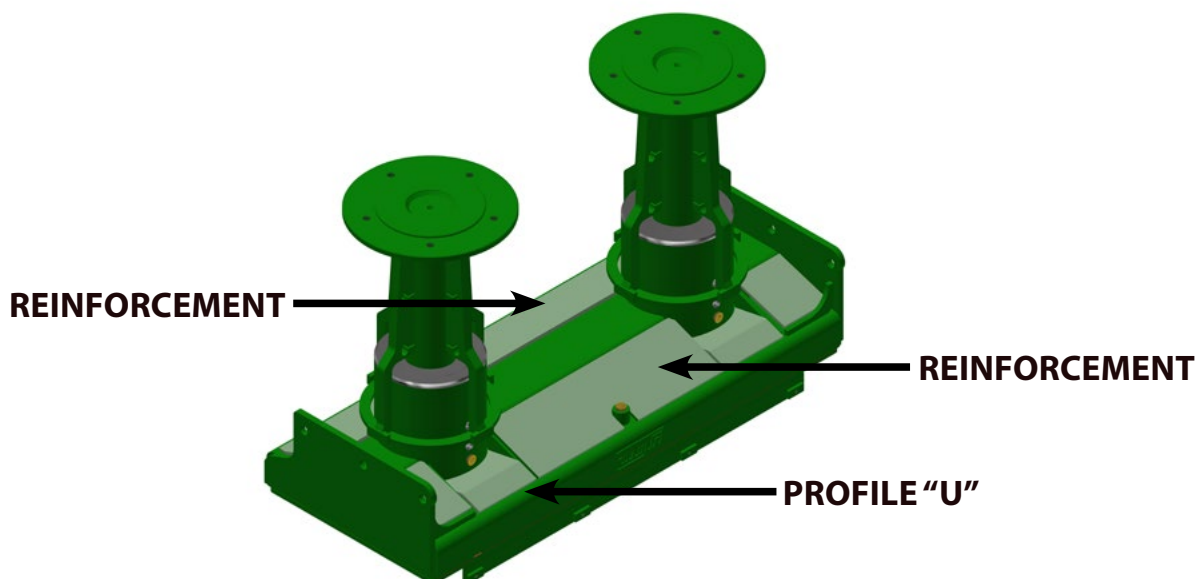
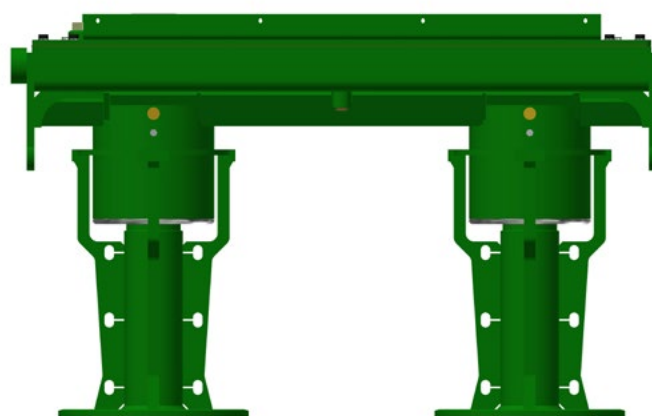
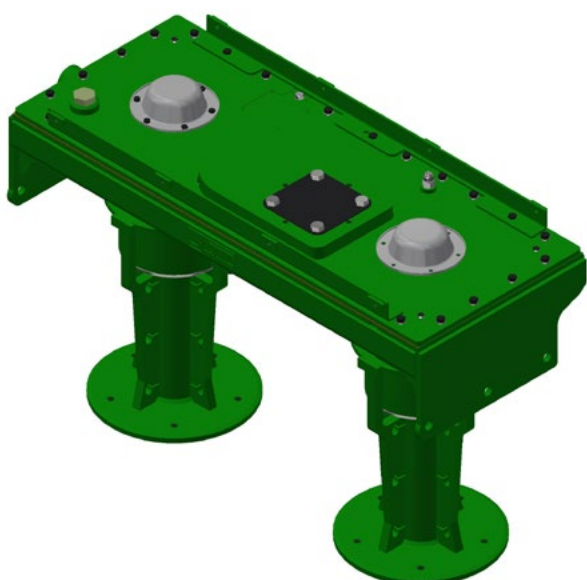
BASE CUTTER GEARBOX - COMPLETE

UNIMIL® PN

055917

APPLICATION: CH3510 CH3520 CH3522 CH570

- Base cutting box complete with legs
- Reinforced body for greater durability
- Reinforcements at the upper



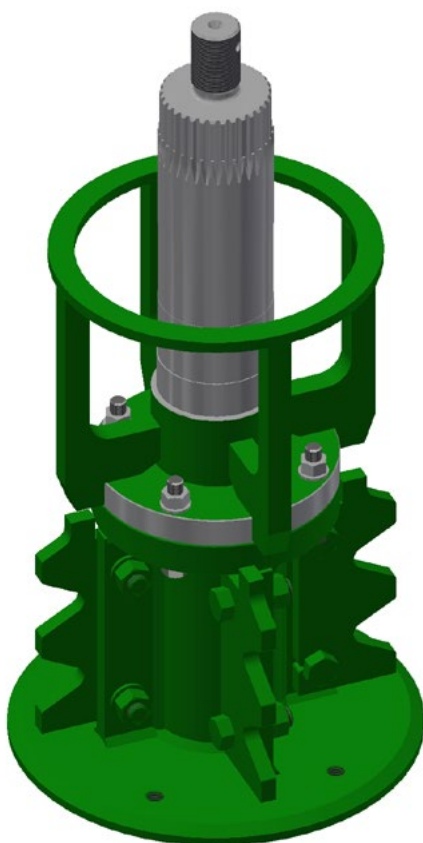
BASE CUTTER WITH FUSIBLE (2 PARTS)

JOHN DEERE® PN

AXT11609, CB11458701, CB11458702, CB11459357, CB11478272

APPLICATION: CH3510 CH3520 CH3522 CH570

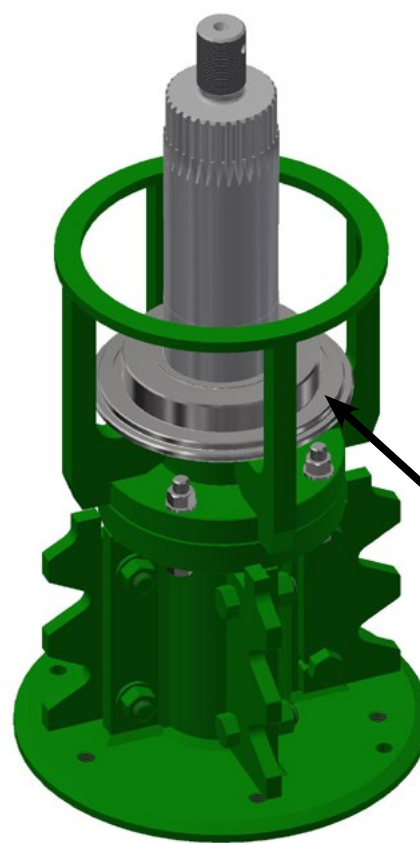
- Two-part segmented base cut leg
- Parts fixed by screws with fuse function
- In case of impact, the screw breaks, protecting the other components
- Removable wear plate for replacement



2 PARTS

UNIMIL® PN

025290



SLEEVE
(015508)

2 PARTS W/ SLEEVE

UNIMIL® PN

056220

- It has a sleeve on the axis of the base cutter, facilitating installation, as it eliminates the operation of pressing the sleeve on the axis

BASE CUTTER

UNIMIL[®] PN

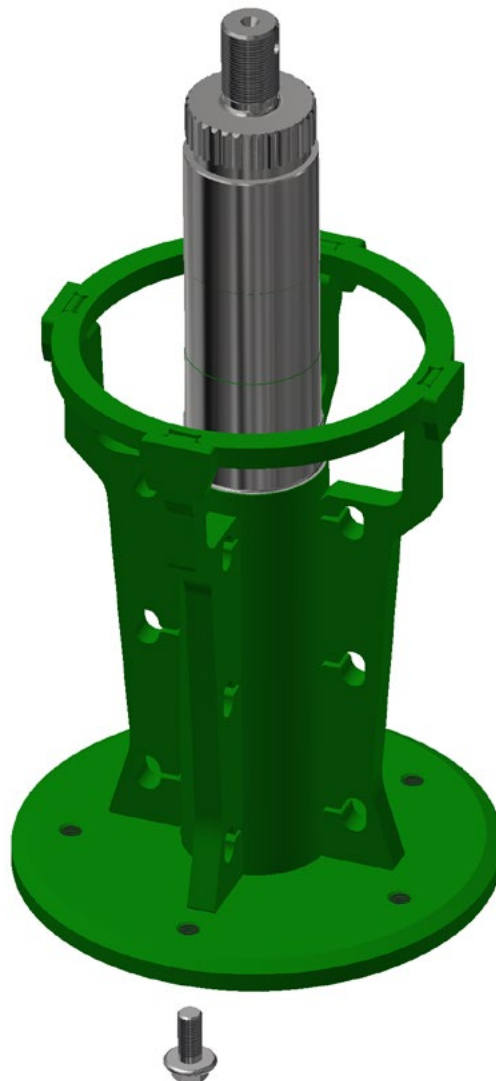
056285

JOHN DEERE[®] PN

AXT18221

APPLICATION: CH570 CH670 CH950

- Removable wear plate for replacement
- M16 screws included (5 pcs) for use in older models



GEARS

APPLICATION: CH3510 CH3520 CH3522 CH570 CH670 CH950

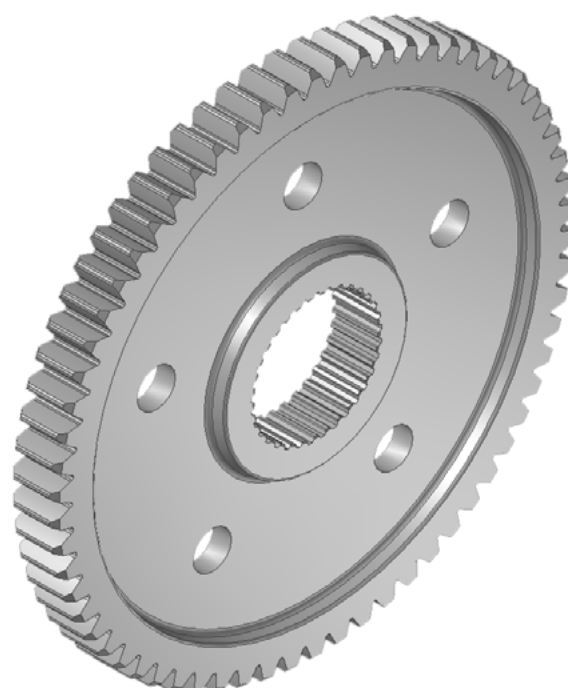
- High dimensional control of the teeth
- High strength material and better hardenability
- Better performance due to forged material



42Z

UNIMIL® PN 010676

JOHN DEERE® PN CB01418408



66Z

UNIMIL® PN 029340

JOHN DEERE® PN CB01418406

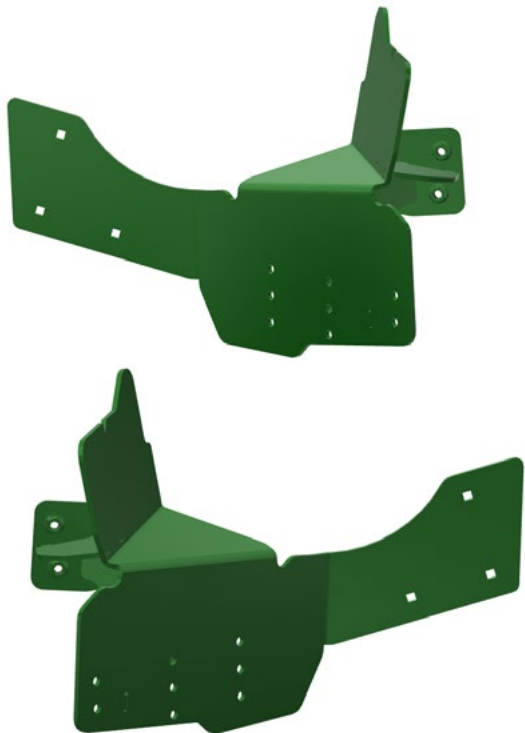


19Z

UNIMIL® PN 012203

JOHN DEERE® PN CB01437885

DEFLECTOR



LH

UNIMIL® PN	042038
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JOHN DEERE® PN	AXT12325
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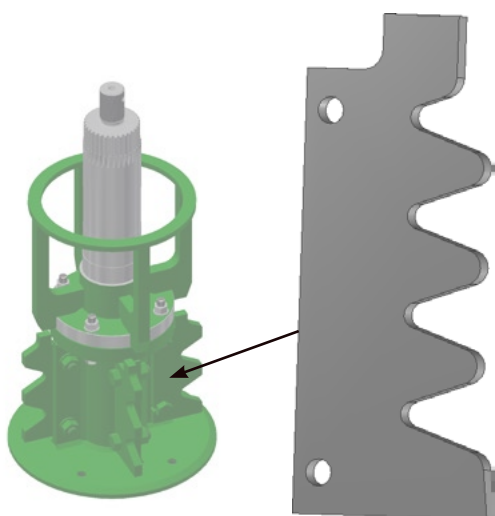
RH

UNIMIL® PN	042039
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JOHN DEERE® PN	AXT12324
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APPLICATION: CH670

WEAR PLATE WITH TEETH - BASE CUTTER



UNIMIL® PN	038463
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JOHN DEERE® PN	CB01491429
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APPLICATION: CH3510 CH3520 CH3522

• Hardox 450

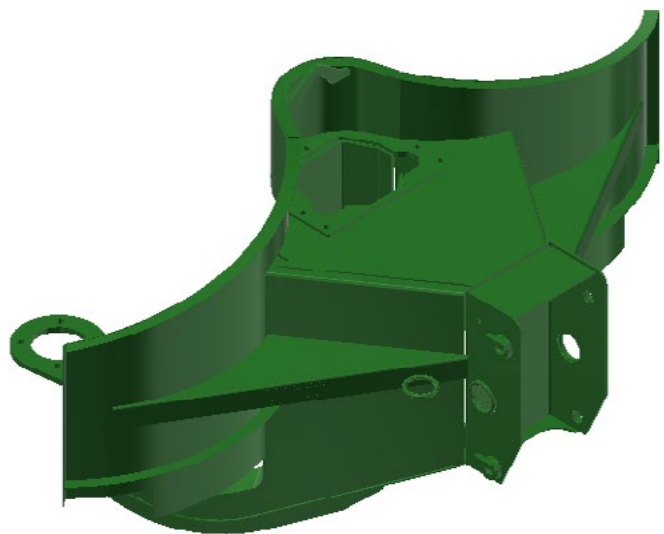
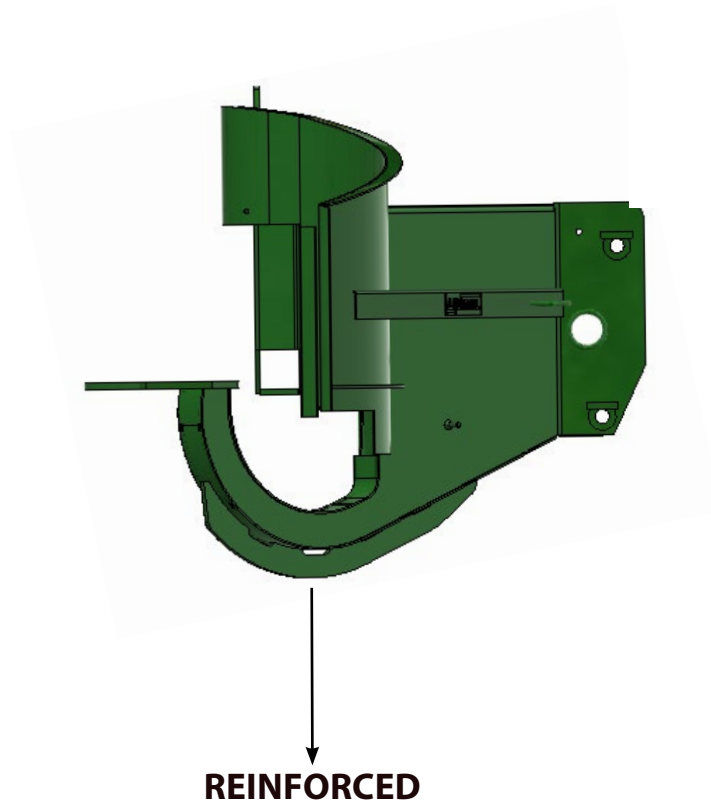
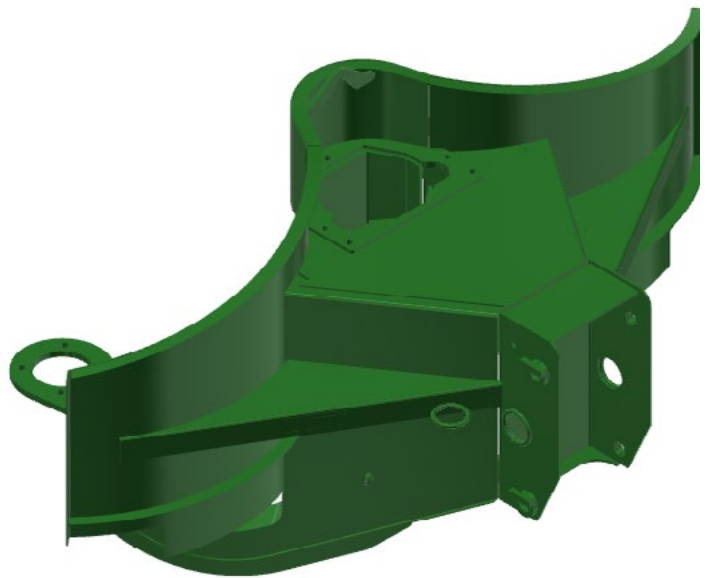
TOPPER SYSTEM

FRAME - TOPPER SYSTEM (REINFORCED)

UNIMIL® PN	028971
JOHN DEERE® PN	CB11473036

APPLICATION: CH3510 CH3520 CH3522

- Reinforcement in the lower part of the arms



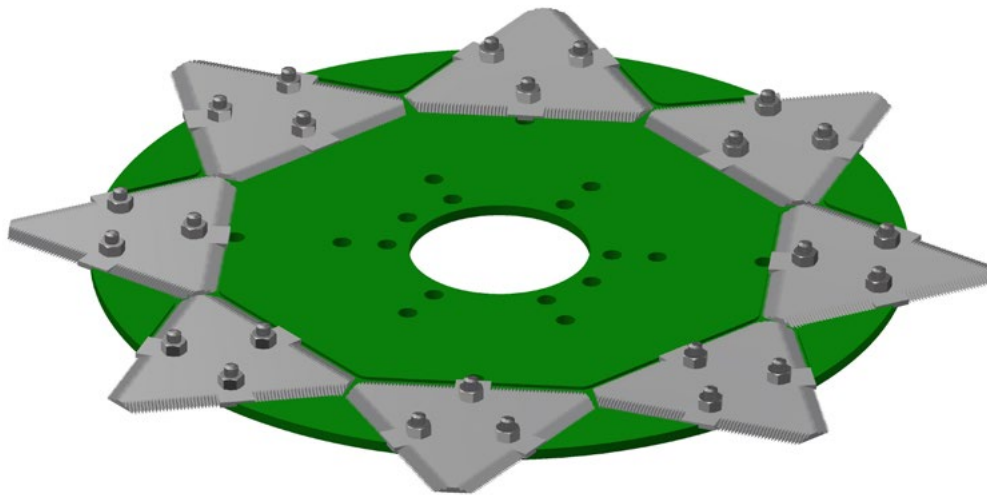
TOPPER SYSTEM KIT - 03 CUTS

PAT. REQ.

UNIMIL® PN 043695

APPLICATION: CH570 CH670

- Special development - 03 pointed knife
- Larger contact area when fixing the disc
- Can be rotated as wear of each tip occurs
- Higher strength and safer



ITEMS NEEDED FOR INSTALLATION
APPLICATION: CH570 CH670



DISK
UNIMIL® PN 041643



HIGH PERFORMANCE KNIFE
UNIMIL® PN 054816



FRENCH SCREW
UNIMIL® PN 048226
JOHN DEERE® PN 03M7608



HEX NUT
UNIMIL® PN 048419
JOHN DEERE® PN 14M7722

SPECIAL TOPPER ROLLING BEARING SET

**UNIMIL[®] PN****009932**

APPLICATION: CH3510 CH3520 CH3522

- Minimizes vibration between hydraulic motor and topper
- Prevents cracks and retainer leakage

HYDRAULIC

HYDRAULIC ACCUMULATOR 1L

**UNIMIL[®] PN****023060****JOHN DEERE[®] PN****CXT10559**

APPLICATION: CH3510 CH3520 CH3522 CH570 CH670 CH950

- Precharged accumulator
- 28BAR - 400PSI

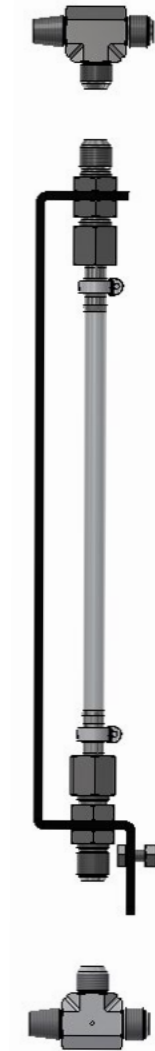
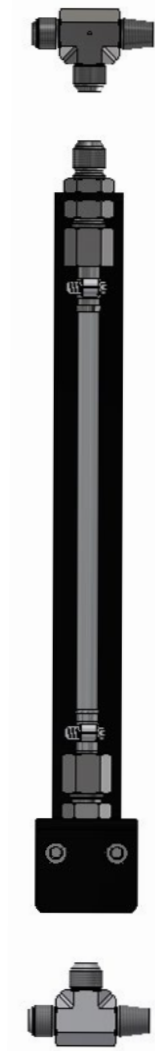
OTHERS

ASSEMBLED SET - BOX 04 HOLES

APPLICATION: CH570 CH670

UNIMIL[®] PN

042623



WASHERS

PRODUCT	SYSTEM	UNIMIL® PN	JOHN DEERE® PN
GEAR SUPPORT WASHER	ELEVATOR	040404	24M7434

SCREWS

PRODUCT	SYSTEM	UNIMIL® PN	JOHN DEERE® PN
HEXAGONAL FLANGE SCREWS M12 X 1,75 X 25 RT CL10.9	ELEVATOR	048352	19M9873
FRENCH SCREW M10 X 1,5 X 30 ROSCA TOTAL CL8.8	BASE CUTTER	025687	03M7192

NUT

PRODUCT	SYSTEM	UNIMIL® PN	JOHN DEERE® PN
PARLOCK NUT M24 X 3 CL12.9 (ALTURA 26~28MM)	ELEVATOR	048451	14M7413

RING

PRODUCT	SYSTEM	UNIMIL® PN	JOHN DEERE® PN
O-RING	PRIMARY EXT.	033999	N203952

BEARINGS

PRODUCT	SYSTEM	UNIMIL® PN	JOHN DEERE® PN
SEALED BEARING WITH TWO LIPS	ELEVATOR	047741	AKK15137



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