

# REPLACEMENT PARTS GUIDE

## CP690 Cotton Picker

### TRANSMISSION



#### OIL FILTER [AH128449](#)

Replace every 1000 hours.

### ENGINE



#### SECONDARY FUEL FILTER [DZ112918](#)

Replace every 400 hours or annually, whichever occurs first.



#### PRIMARY FUEL FILTER [RE539465](#) (FT4) [RE539465](#) (TIER 2 & TIER 3)

Replace every 400 hours or annually, whichever occurs first.



#### SECONDARY AIR FILTER [AH212295](#)

Replace every 400 hours or annually, whichever occurs first.



#### DIESEL PARTICULATE FILTER (DPF) [RE561844](#) (055001- ) (FT4) [DZ100175](#) (060001- ) (FT4)

Service as required according to machine operation. Please see your John Deere or qualified service provider.



#### PRIMARY AIR FILTER [AH222225](#)

Replace every 400 hours or as required.



#### FUEL PRECLEANER FILTER [R502778](#)

#### HEAVY-DUTY Fuel PRECLEANER FILTER [N378886](#)

Replace every 400 hours or annually, whichever occurs first.



#### DEF BREATHER [H216169](#)

Replace every 2000 hours.



#### DIESEL EXHAUST FLUID DOSING FILTER – [DZ114640](#)

Replace after first 1500 hours or 3 years, whichever occurs first.



### CAB



#### RECIRCULATION AIR FILTER [H220870](#)

Clean or replace every 250 hours or as required. If operating in dusty conditions clean daily.



#### FRESH AIR FILTER [AH115833](#)

Clean or replace every 50 hours or as required. If operating in dusty conditions clean daily.



#### LUBRICATION SYSTEM FILTER [AN192848](#) (2) Replace every 250 hours.

### HYDRAULICS



#### PUMP DRIVE GEARBOX OIL FILTER [LVA10419](#)

Replace every 1000 hours.



#### PUMP FILTER [AH128449](#)

Replace every 1000 hours.

#### CHASSIS RETURN OIL FILTER [AH128449](#)

Replace every 1000 hours.



#### PRIMARY RETURN OIL FILTER [RE210857](#)

Replace every 1000 hours



#### PROPEL PUMP CHARGE FILTER [AN373366](#)

Replace every 1000 hours.

### ENGINE



#### OIL FILTER [RE572785](#)

Minimum hours before first engine oil change is 100 hours. Extended engine oil change every 500 hours or annually, whichever come first. The extended 500 hour interval is only allowed if using Plus-50™ II oil with a John Deere filter and diesel fuel with sulfur content less than 15mg/kg (15ppm). If all conditions are not met, change oil and filter at 250 hours of operation.

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# CAPACITIES

## CP690 Cotton Picker

### CAPACITIES (Approximate):

#### **Fuel Tank:**

..... 1400 L (370 gal)

#### **Diesel Exhaust Fluid Tank (Final Tier 4/Stage IV only):**

**John Deere Diesel Exhaust Fluid™**

..... 60.5 L (16 gal)

#### **Moisture Solution Tank:**

**John Deere Spinole Cleaner™**

..... 1363 L (360 gal)

#### **Pump Drive Gearbox:**

**Hy-Gard™**

..... 15.1 L (4 gal)

#### **Cooling System:**

**Cool-Gard™ II**

Tier 2 / Stage II ..... 53 L (14 gal)

Tier 3 / Stage III ..... 59 L (15.6 gal)

Final Tier 4 / Stage IV ..... 70 L (18.5 gal)

#### **Engine Crankcase (Includes Filter):**

**Plus-50™ II**

Tier 2/Stage II and Tier 3/Stage III ..... 39 L (10.3 gal)

Final Tier 4/Stage IV ..... 43 L (11.4 gal)

#### **Hydraulic Oil Reservoir:**

**Hy-Gard™**

..... 189 L (50 gal)

#### **Hydraulic/Hydrostatic System:**

**Hy-Gard™**

..... 276 L (73 gal)

#### **Transmission/Brake System:**

**Hy-Gard™**

..... 19 L (5 gal)

#### **Final Drive: (2 used)**

**GL-5**

..... 7.8 L (2 gal)

#### **Lubrication System Grease Tank:**

**John Deere Spinole Lubricant™**

..... 257 L (68 gal)

#### **Row Unit Gearcase: (6 used)**

**Hy-Gard™**

..... 0.66 L (0.17 gal)

#### **Hydraulic Unit Drive Reduction Gearbox (2 Used):**

**Hy-Gard™**

..... 0.59 L (0.15 gal)

#### **Rear Axle Main Body Housing:**

**GL-5**

..... 9.9 L (2.6 gal)

#### **Rear Axle Auxiliary Gearbox:**

**GL-5**

..... 1.3 L (0.34 gal)

#### **Rear Axle Planetary Gearbox (2 Used):**

**GL-5**

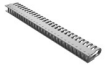
..... 3.8 L (1 gal)



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### ROUND MODULE BUILDER (RMB)



**ROUND MODULE BELT CLIP**  
[AE53298](#) (Narrow Belt)  
[AKK25568](#) (Wide Belt)



**ROUND MODULE BELT PIN**  
[E86147](#) (Narrow Belt)  
[KK36931](#) (Wide Belt)



**ROUND MODULE BELTS, SLIM**  
[AN375249](#)  
[AN373217](#)

**ROUND MODULE BELTS, WIDE**  
[AN375248](#)  
[AKK23004](#)



**ACCUMULATOR SECOND AUGER KIT.**  
[BKK10333](#)



**SPRING TENSION FEEDER BELT**  
[AKK21021](#)  
[AKK32901](#)

Prevents belt slippage, easier to set tension.



**ACTIVE RMB BRUSH**  
[BKK10319](#)

Improved RMB cleaning in tough conditions.



**SLOTTED WRAP FINGER GUIDES**  
[KK48932](#)  
[KK48933](#)  
[KK48934](#)

Reduced potential wrap misfeed and wrap tearing.



**ROLLER BRUSH RETAINER**  
[KK26412](#)



### ROUND MODULE BUILDER (RMB)



**ROLLER BRUSH BELT**  
[KK27048](#)



**ROLLER BRUSH**  
[KK72056](#)



**ROCKSHAFT GUIDES**  
[KK37516](#)



**WRAP ROLLER DRIVE V-BELT**  
[L4490N](#)



**WRAP ROLLER DRIVE CHAIN**  
[KK28234](#)



**FRONT LOWER PULLEY**  
[AKK11649](#)



**RMB WRAP FLOOR BELT**  
[N377281](#)



**GROOVED WRAP ROLLER**  
[AKK21133](#)  
 Reduce wrap misfeeds caused by wrapping rear roller.

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
















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## CP690 Cotton Picker

ROW UNIT		ROW UNIT	
	<b>MOISTURE COLUMN NOZZLE CAPS</b> <a href="#">PM38027</a>		<b>SPRING PIN PRESSURE DOOR</b> <a href="#">34H314</a>
	<b>MOISTURE COLUMN NOZZLE</b> <a href="#">B12283</a>		<b>PRESSURE DOOR SPRING</b> <a href="#">N276341</a>
	<b>MOISTURE COLUMN COVER</b> <a href="#">KK65432</a>		<b>PRESSURE DOOR SHAFT/TUBE</b> <a href="#">AN272903</a>
	<b>MOISTURE COLUMN STRAINER</b> <a href="#">AB11379</a>		<b>SCRAPPING PLATES ATTACHMENT</b> <a href="#">BKK10623</a>
	<b>MOISTURE COLUMN HOSE FITTING</b> <a href="#">N276745</a>		<b>PRESSURE DOOR EXTENSIONS</b> <a href="#">AN272944</a> <a href="#">N274103</a>
	<b>GRID BARS</b> <a href="#">N277542</a> (Front) <a href="#">N277543</a> (Rear)		<b>MOISTURE COLUMN DISTRIBUTOR PLATE</b> <a href="#">N276746</a>
	<b>DOFFER SCREW</b> <a href="#">19M7828</a>		<b>MOISTURE COLUMN HOLDER</b> <a href="#">AN279609</a>
	<b>DOFFER ROUND RETAINER</b> <a href="#">N275471</a>		<b>MOISTURE PAD</b> <a href="#">N275607</a>
	<b>DOFFER BALL BEARING</b> <a href="#">AN275022</a>		<b>DOFFER ASSEMBLY</b> <a href="#">AKK17562</a>
	<b>DOFFER WASHER</b> <a href="#">N134803</a>		<b>DOFFER</b> <a href="#">AN406038</a>
	<b>DOFFER SHIM</b> <a href="#">N400789</a>		<b>STALK-LIFTER GUIDE ROD</b> <a href="#">N192711</a>
	<b>DOFFER BALL SPACER</b> <a href="#">KK15280</a> <a href="#">KK15281</a>		



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### ROW UNIT



**ROW UNIT DRUM HEAD BEARING**  
[JD9209](#) (Top)  
[JD9323](#) (Bottom)



**PICKER BAR CAM FOLLOWER**  
[N198724](#)



**PICKER BAR SLEEVE**  
[N279372](#)



**SPINDLE PICKER BAR**  
[AKK49979](#)



**SPINDLE DRIVE SHAFT SPRING PIN**  
[34H60](#)



**SPINDLE NUT**  
[AN111948](#)



**SPINDLE NON-ASSEMBLED PRO**  
[KK40195](#)



**SPINDLE ASSEMBLED PRO**  
[AKK24309](#)



**SPINDLE NON-ASSEMBLED PRO XL**  
[KK28390](#)



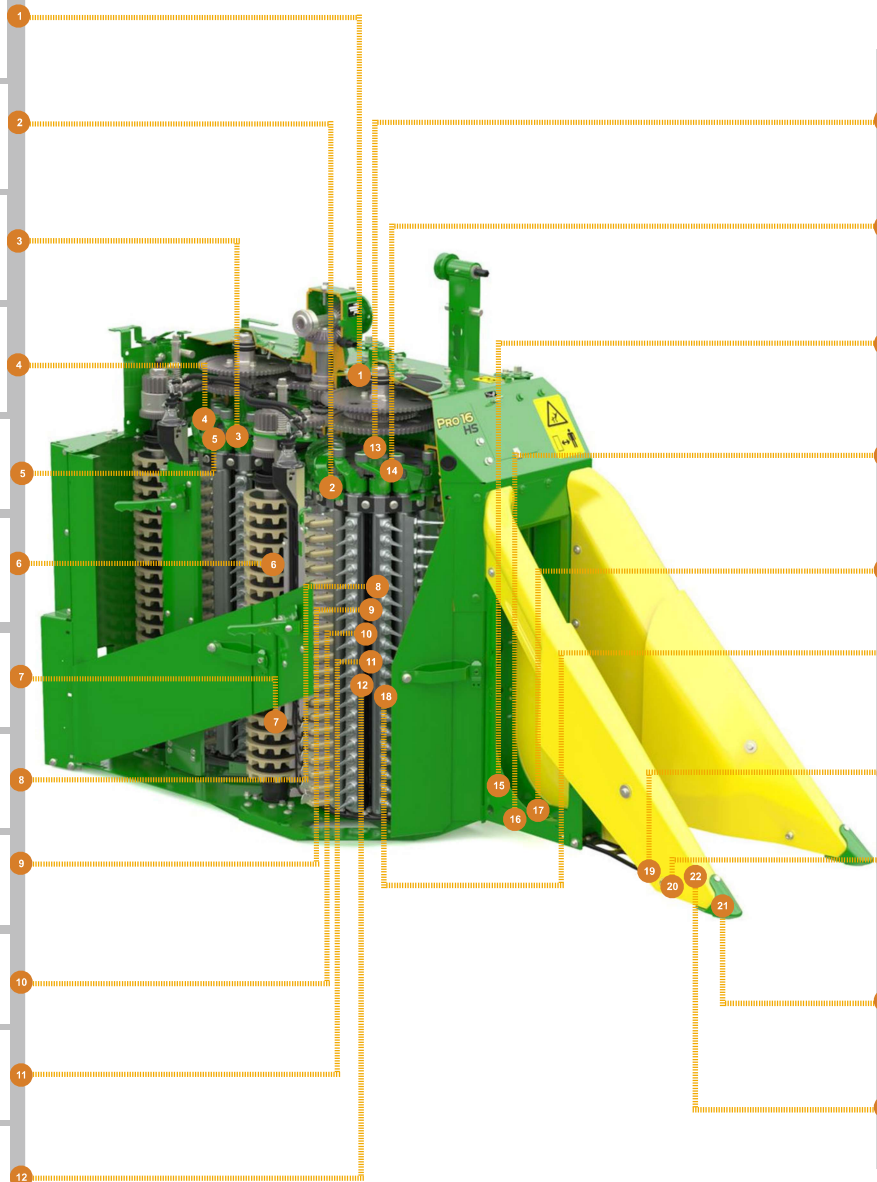
**SPINDLE DRIVE SHAFT SPUR GEAR**  
[N118289](#)



**SPINDLE ASSEMBLED PRO XL**  
[AKK18840](#)



**CROP LIFTER ARM**  
[N376014](#)



### ROW UNIT



**PICKER BAR BEARING HOUSING**  
[N370976](#)



**SPINDLE LOCKING COLLAR**  
[N279986](#)



**PICKER BAR BUSHING**  
[N193500](#)



**SPINDLE DRIVE SHAFT NEEDLE BEARING**  
[JD8804](#)



**CROP LIFTER GUIDE ANGLE**  
[N379096](#)



**CROP LIFTER GUIDE**  
[N379098](#)



**ROW-TRAK GUIDANCE PLATE**  
[N374994](#) (RH)  
[N374993](#) (LH)



**CROP LIFTER SHOE**  
[N199886](#)



**CROP LIFTER SHOE POINT**  
[N375594](#)



**STALK-LIFTER ROD PLATE**  
[N378882](#)



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### ROW UNIT



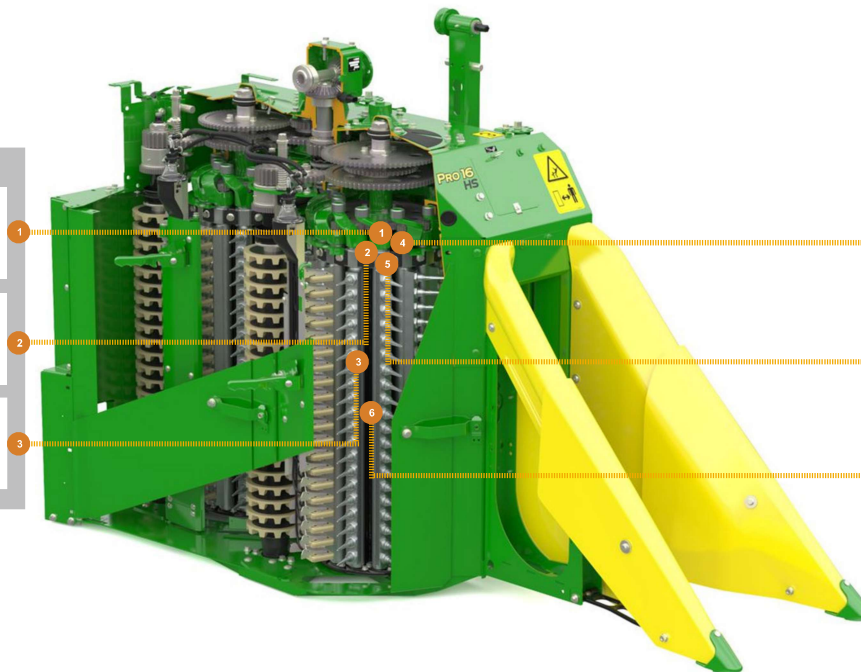
**SPINDLE DRIVE SHAFT  
THRUST WASHER**  
[N278781](#)



**SPINDLE DRIVE SHAFT  
SLEEVE**  
[N278782](#)



**SPINDLE DRIVE SHAFT  
BEVEL GEAR**  
[N371626](#)



### ROW UNIT



**SPINDLE DRIVE SHAFT SNAP  
RING**  
[T23694](#)



**SPINDLE DRIVE SHAFT  
SPRING PIN**  
[34H235](#)



**SPINDLE DRIVE SHAFT**  
[AN276737](#)



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