

# REPLACEMENT PARTS GUIDE

## S700 Series Combines S760, S770, S780, S790



### ENGINE



**MAIN ENGINE GEARCASE FILTER (ProDrive™ TRANSMISSION)**  
**AH128449**

Replace within first 100 hours and every 400 hours.



**MAIN ENGINE GEARCASE FILTER**

**CE19990**

Replace within first 100 hours and every 400 hours

### CAB



**RECIRCULATION AIR FILTER**

**L214634**

Clean or replace every 200 hours and as required.



**FRESH AIR FILTER**

**RE284091**

Clean or replace every 50 hours and as required.

### ENGINE



**ProDrive™ LUBRICATION FILTER**

**AH128449**

Replace within first 100 hours and every 400 hours.



**TIER 4 PRIMARY AIR FILTER**

**HXE11090**



**SECONDARY AIR FILTER**

**HXE11091**

Check every 400 hours. Service Primary Air Filter when engine air filter restricted indicator is shown on display. Check safety filter for plugging.



**PRIMARY FUEL FILTER (FT4/STAGE IV ENGINE)**

**RE539465**



**SECONDARY FUEL FILTER (FT4/STAGE IV ENGINE)**

**DZ112918**

Replace every 400 hours and when performance decline is noticed or Diagnostic Trouble Code (DTC) is generated.



**OIL FILTER**

**RE509672 - (S760, S770)**

**RE572785 - (S780, S790)**

Initial Oil and filter change at 100 hours, then after every 250 hours or annually, whichever comes first. The extended 400 hours 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).



**HYDRAULIC RETURN FILTER**

**AT129775 - (S760, S770)**

Replace every 400 hours.

### ENGINE



**DIESEL EXHAUST FLUID DOSING FILTER**

**DZ114640**

Replace every 4500 hours or every three years of operation, whichever occurs first.



**DIESEL EXHAUST FLUID (DEF) TANK VENT FILTER (FT4/STAGE IV ENGINE)**

**H216169**



**FUEL TANK VENT FILTER**

**H216169**

Clean every 250 hours and replace every 400 hours.



**FUEL FILTER**

**PRIMARY FUEL FILTER**

**RE520906**



**PRIMARY AND SECONDARY FUEL FILTER**

**RE525523**

Change as required or when Diagnostic Trouble Code (DTC) is generated.



**DIESEL PARTICULATE**

**DZ100174 - (S760, S770)**



**DZ100175 - (S760, S770)**

See your John Deere™ dealer or qualified service provider.



**FUEL PRECLEANER FILTER**

**R502778**

Inspect every 10 hours, clean every 50 hours and every 400 hours or when Diagnostic Trouble Code (DTC) is generated.



**HEAVY-DUTY FUEL PRECLEANER FILTER (OPTIONAL)**

**N378886**

Back flush when bowl is half full or when Diagnostic Trouble Code (DTC) is generated. Clean after every fifth back flushing. Replace when light is no longer visible when filter is held up to light.



**HYDROSTATIC DRIVE PUMP FILTER (ProDrive™ TRANSMISSION)**

**AN207368**



**HYDROSTATIC CHARGE PUMP FILTER (NON-ProDrive™ TRANSMISSION)**

**AH128449**



**HYDRAULIC RETURN FILTER (Reservoir)**

**AXE12964 - (S780, S790)**

Replace every 1000 hours



**DEBRIS MANAGEMENT AIR FILTERS (FT4/STAGE IV ENGINE) PRIMARY**

**AXE42066**

Clean or change as required.



**SECONDARY**

**AXE42065**

Never clean the safety filter. Change if dirty. Change Secondary filter only with Primary filter. Change as required with Primary filter.

For Company Use - HX553090A

Jan 2023. Release Date.



CLICK PART NUMBER TO BUY

# CAPACITIES

## S700 Series Combines S760, S770, S780, S790

### CAPACITIES (Approximate):

#### Fuel Tank:

S760, S770 .....	950 L (250 gal)
S780, S790 .....	1,250 L (330 gal)

#### Cooling System with Heater:

##### Cool-Gard™ II

S760, S770 .....	53 L (14 gal)
S780, S790 (Tier 2/Stage II).....	61.2 L (16.3 gal)
S780, S790 (Tier 3/Stage IIIA and FT4/Stage IV)....	85 L (22.5 gal)

#### Engine Crankcase with Filter:

##### Plus-50™ II

S760, S770 (Tier 2/Stage II and FT4/Stage IV) .....	27.5 L (7.3 gal)
S760, S770 (Tier 3/Stage IIIA) .....	29 L (7.7 gal)
S780, S790 (Tier 2/Stage II and Tier 3/Stage IIIA)..	39 L (10.3 gal)
S780, S790 (FT4/Stage IV) .....	43 L (11.4 gal)

#### Transmission (Mechanical Shift and Push Button Shift Machines):

##### GL-5

S760, S770 .....	9.6 L (2.5 gal)
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#### Engine Gearcase with Transfer (Mechanical Shift and Push Button Shift Machines):

##### Hy-Gard™

S760, S770 .....	21.3 L (5.6 gal)
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#### Engine Gearcase with Transfer (ProDrive™ Machines):

##### Hy-Gard™

S760, S770, S780, S790 .....	51 L (13.5 gal)
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#### Final Drives:

##### GL-5

S760, S770, S780, S790 .....	8 L (2.1 gal)
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#### Countershaft Drive Gearcase (Non-Multi-Speed):

##### GL-5

S760, S770, S780, S790 .....	1.9 L (0.5 gal)
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#### Heavy-Duty Feeder House Reverser Gearcase without Cooler:

##### ISO VG 460 Fully Synthetic

S760, S770 .....	2.3 L (0.6 gal)
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#### Heavy-Duty Feeder House Reverser Gearcase with Cooler:

##### ISO VG 460 Fully Synthetic

S760 .....	3.5 L (0.9 gal)
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#### Extra Heavy-Duty Feeder House Reverser Gearcase without Cooler:

##### ISO VG 460 Fully Synthetic

S780, S790 .....	3.6 L (0.9 gal)
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#### Extra Heavy-Duty Feeder House Reverser Gearcase with Cooler:

##### ISO VG 460 Fully Synthetic

S760, S770 .....	4.9 L (1.29 gal)
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#### Multi-Speed Feeder House Reverser Gearcase with Cooler (Optional):

##### ISO VG 460 Fully Synthetic

S770, S780, S790 .....	5.2 L (1.37 gal)
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#### Loading Auger Gearcase: GL-5

S760, S770, S780, S790 .....	3.8 L (1 gal)
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#### Two Speed Separator Drive Gearcase: GL-5

S760, S770, S780, S790 .....	4.7 L (1.24 gal)
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#### Diesel Exhaust Fluid (DEF) Tank (Final Tier 4/Stage IV):

##### John Deere™ Diesel Exhaust Fluid

S760, S770, S780, S790 .....	52.2 L (13.8 gal)
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#### Premium Overshot Beater Gearcase (if equipped): GL-5

S770, S780, S790 .....	0.2 L (0.05 gal)
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#### Hydraulic / Hydrostatic Reservoir: Hy-Gard™

S760, S770 .....	31 L (8.2 gal)
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S780, S790 .....	47 L (12.4 gal)
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#### Grain Tank:

S760, S770.....	10572 L (2793 gal)
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S780, S790.....	14096 L (3724 gal)
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## S-SERIES COMBINES S760,S770,S780,S790

### THRESHING ELEMENTS

	<b>SMOOTH THRESHING ELEMENTS KIT 1<sup>st</sup> ROW</b> <a href="#">AH216674</a> (Set of 3 elements)	1
	<b>SMOOTH THRESHING ELEMENTS KIT 2<sup>nd</sup> ROW</b> <a href="#">AH216675</a> (Set of 3 elements)	1
	<b>SMOOTH THRESHING ELEMENTS KIT 3<sup>rd</sup>, 4<sup>th</sup> AND 5<sup>th</sup> ROWS</b> <a href="#">AH216677</a> (Set of 3 elements)	1
	<b>THRESHING ELEMENTS KIT 3<sup>rd</sup>, 4<sup>th</sup> AND 5<sup>th</sup> ROWS</b> <a href="#">AH216678</a> (Set of 3 elements)	1
	<b>THRESHING ELEMENTS KIT VARIABLE STREAM ROTOR, GRAIN, STANDARD</b> <a href="#">KXE10034</a>	1
	<b>THRESHING ELEMENTS KIT VARIABLE STREAM ROTOR, GRAIN, HIGH WEAR</b> <a href="#">KXE10035</a>	1
	<b>THRESHING ELEMENTS KIT VARIABLE STREAM ROTOR, RICE</b> <a href="#">KXE10036</a>	1
	<b>SEPARATOR TINES KIT, THICK SKIN, HEAVY DUTY</b> <a href="#">AH228817</a> (Set of 3 elements)	1
	<b>SEPARATOR GRATE, HEAVY DUTY</b> <a href="#">AXE44522</a>	1
	<b>FLIGHT, VARIABLE STREAM ROTOR</b> <a href="#">KXE10043</a>	1
	<b>CONCAVE KIT, SMALL WIRE CONCAVE, REGULAR WEAR</b> <a href="#">BXE10388</a>	1
	<b>CONCAVE KIT, SMALL WIRE CONCAVE, EXTENDED WEAR</b> <a href="#">BXE10389</a>	1
	<b>CONCAVE KIT, ROUND BAR CONCAVE, EXTENDED WEAR</b> <a href="#">BXE10387</a>	1



### STRAW CHOPPER

	<b>KNIFE KIT, SERRATED</b> <a href="#">KXE10256</a> (Set of 8 blades)	2
	<b>KNIFE KIT, SERRATED, WING BLADE</b> <a href="#">KXE10255</a> (Set of 8 blades)	2
	<b>STRAW CHOPPER BLADE, STATIONARY</b> <a href="#">H215004</a> (92 mm cut)	2
	<b>SEPARATOR TINES KIT, VARIABLE STREAM DENSE PACK</b> <a href="#">BXE10020</a>	3
	<b>RICE ENHANCEMENT KIT, VARIABLE STREAM ROTOR</b> <a href="#">BXE10491</a>	3
	<b>WEAR PLATES KIT, VARIABLE STREAM ROTOR, RICE, STANDARD</b> <a href="#">KXE10049</a>	3
	<b>WEAR PLATES KIT, VARIABLE STREAM ROTOR, RICE, TALL</b> <a href="#">KXE10142</a>	3
	<b>CONCAVE KIT, LARGE WIRE CONCAVE, HIGH WEAR</b> <a href="#">BXE10391</a>	3
	<b>CONCAVE KIT, LARGE WIRE CONCAVE, REGULAR</b> <a href="#">BXE10390</a>	3
	<b>HD CAST SEPARATOR GRATE</b> <a href="#">HXE120794</a> <a href="#">HXE120795</a> <a href="#">HXE120796</a> For high yielding corn, tough small grains and rice. Interrupters on the grates break up corn husks and matted straw for increased capacity.	3
	<b>CONCAVE KIT, REVOLUTION MAX THRESH</b> <a href="#">BXE11144</a>	3
	<b>CONCAVE KIT, REVOLUTION MAX ROUND</b> <a href="#">BXE11145</a>	3