

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.

1



MAIN ENGINE GEARCASE FILTER

[CE19990](#)

Replace within first 100 hours and every 400 hours

2

CAB



RECIRCULATION AIR FILTER

[L214634](#)

Clean or replace every 200 hours and as required.

3



FRESH AIR FILTER

[RE284091](#)

Clean or replace every 50 hours and as required.

4

ENGINE



ProDrive™ LUBRICATION FILTER

[AH128449](#)

Replace within first 100 hours and every 400 hours.

5



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.

6



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.

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FUEL FILTER (TIER 3 ENGINE) PRIMARY FUEL FILTER

[RE520906](#)



PRIMARY AND SECONDARY FUEL FILTER

[RE525523](#)

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

8

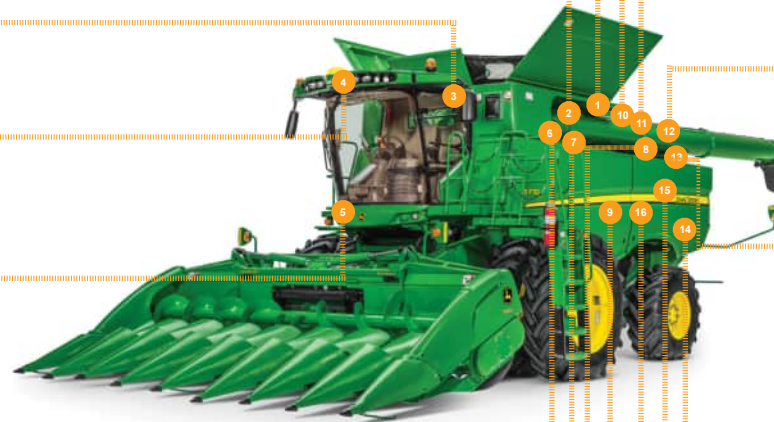


HYDRAULIC RETURN FILTER

[AT129775](#) - (S760, S770)

Replace every 400 hours.

9



ENGINE



DIESEL EXHAUST FLUID DOSING FILTER

[DZ114640](#)

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

10



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.

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DIESEL PARTICULATE FILTER

[DZ100174](#) - (S760, S770)

[DZ100175](#) - (S760, S770)

See your John Deere™ dealer or qualified service provider.

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OIL FILTER

[RE509672](#) - (S760, S770)

[RE572785](#) - (S780, S790)

Initial Oil and filter change at 100 hours, there after every 250 hours or annually, whichever comes first.

13



FUEL PRECLEANER FILTER

[R502778](#)

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

14



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](#)

Replace every 400 hours



HYDRAULIC RETURN FILTER (Reservoir)

[AXE12964](#) - (S780, S790)

Replace every 1000 hours

15



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

[AXE42066](#)

Clean or change as required.

16



SECONDARY

[AXE42065](#) Never clean the safety filter. Change if dirty. Change Secondary filter only with Primary filter. Change as required with Primary filter.

HX553090AR4

Apr 2024. Release Date.



JOHN DEERE

Genuine Parts and Service

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 (Tier 2 / Tier 3 and FT4).....	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 (For Single Wheel Configuration)

S760, S770, S780, S790	8 L (2.1 gal)
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(For Dual Wheel Configuration)

S760, S770, S780, S790	23L (6.1gal)
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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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REPLACEMENT PARTS GUIDE













S-SERIES COMBINES S760,S770,S780,S790

THRESHING ELEMENTS (19-25)

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



STRAW CHOPPER (19-25)

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