

# REPLACEMENT PARTS GUIDE

## W540 Combine (102000 - )

### CAB

#### FRESH AIR FILTER

[RE284091](#)

Clean or replace every 50 hours and as required.

#### RECIRCULATION AIR FILTER

[L214634](#)

Clean and Replace as required.

### ENGINE

#### FUEL PRECLEANER FILTER

[R502778](#)

#### PREMIUM FUEL PRECLEANER FILTER

[N378886](#)

Drain every 50 hours or weekly.

#### DIESEL EXHAUST FILTER

[DZ110513](#) (115000-)

[DZ100304](#) (102000 - 114999)

Change every three year or when Diagnostic Trouble Code (DTC) is generated.

#### FINAL TIER 4

#### PRIMARY FUEL FILTER

[DZ115391](#) (110000-)

#### SECONDARY FUEL FILTER

[DZ115392](#) (110000-)

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

#### VENTILATION SYSTEM

[DZ105796](#) (W/ DIESEL OXIDATION CATALYST)

[DZ105100](#) (W/ DIESEL CATALYST and DIESEL PERTICULATE FILTER)

Change after every 1500 hours

#### FUEL FILTER

#### PRIMARY FUEL FILTER

[RE522878](#) (FINAL TIER 2)

#### SECONDARY FUEL FILTER

[AT526918](#) (FINAL TIER 2)

#### PRIMARY AND SECONDARY FUEL FILTER

[RE525523](#) -(102000 - 109999)

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

### ENGINE

#### FINAL TIER 4

#### PRIMARY AIR FILTER - [HXE11090](#)

#### SECONDARY AIR FILTER - [HXE11091](#)

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

#### OIL FILTER -

[RE539279](#) (TIER 4)

[RE504836](#) (TIER 2)

Change after every 250 hours

#### DIESEL EXHAUST FLUID (DEF)

#### DOSING FILTER - [DZ114640](#)

Change after every 4500 hours or every 3 years of operation.

#### DIESEL PARTICULATE FILTER

[DZ100484](#)

Check Every 4500 hours or Diagnostic Trouble Code (DTC) is generated.

#### OIL RESERVOIR FILTER

[AXE43820](#)

Change after every 400 hours or every year.

#### MAIN ENGINE GEARCASE FILTER

[CE19990](#)

Change after every 400 hours or every year.

#### LONG FILTER

#### PRIMARY AIR FILTER -

[AH164062](#)

#### SECONDARY AIR FILTER

[AH164063](#)

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

#### SHORT FILTER

#### PRIMARY AIR FILTER

[AH148880](#)

#### SECONDARY AIR FILTER [RE63932](#)

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

#### MAIN ENGINE GEARCASE FILTER (PRODRIVE™ TRANSMISSION)

[AH128449](#)

Change after first 100 hours

#### FUEL FILTER

[RE541922](#)

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



**JOHN DEERE**

Genuine Parts and Service

# CAPACITIES

## W540 Combine (102000 - )

### CAPACITIES (Approximate):

**Fuel Tank:**

..... 800 L (210 gal)

**Grain Tank**

..... 8000 L (2113 gal)

**Cooling System with Heater:**

**(Cool-Gard II)**

..... 40 L (10.56 gal)

**Engine Crankcase with Filter**

**(Plus-50™ II)**

..... 32 L (8.45 gal)

**Transmission**

**(3-Speed Mechanical Shift and Push Button Shift) – (GL-5)**

..... 9.6 L (2.53 gal)

**Transmission**

**(Prodrive™) – (GI-5)**

..... 13 L (3.43 gal)

**Final Drive (GL-5)**

**10 Bolt Wheel Rim Type (102000 - 129999)**

..... 7 L (1.85 gal)

**20 Bolt Wheel Rim Type (102000 - 129999)**

..... 23 (6.07 gal)

**Standard (130000 -)**

..... 8 L (2.11 gal)

**Dual wheel (130000 -)**

..... 23.5 L (6.20 gal)

**HillMaster™ (130000 -)**

..... 7 L (1.85 gal)

**Engine Gearcase with Transfer**

**(3-Speed Mechanical Shift and Push Button Shift Machines) – (Hy-Gard™)**

..... 16 L (4.22 gal)

**Engine Gearcase with Transfer**

**(ProDrive™ Machines) –(Hy-Gard™)**

..... 20 L (5.25 gal)

**Hydraulic System Reservoir**

**(Hy-Gard™)**

..... 45 L (11.88 gal)

**Feeder house reverser gear case**

**(ISO VG 460 Fully Synthetic)**

..... 2 L (0.5 gal)

**Countershaft drive gear case**

**(GL-5)**

..... 1.2 L (0.32 gal)

**Loading Auger Gearcase**

**(GL-5)**

**(102000 - 109999)**

..... al)

**(110000 - )**

..... 3 L (0.8 gal)

**Diesel Exhaust Fluid (DEF) tank**

..... 32 L (8.45 gal)

[Return to Filter Overview Engine Gearcase with Transfer](#)



# WEAR PARTS OVERVIEW

## W540 COMBINE

### THRESHING

**MY11-22**

**[AZ58904](#) – RASP BARS**

Paired by weight with deep heat treatment for excellent threshing, good drum balancing and long lifetime.



**MY11-22**

**CHROMED RASP BAR**

**[AH205119](#) LH**

**[AH205120](#) RH**

Chromed rasp bar for toughest conditions.



**MY11-18**

**[AXE53051](#) - UNIVERSAL CONCAVE**



**[AXE53053](#) - SMALL GRAIN CONCAVE**

Exactly welded for easy adjustment and perfect threshing.



**MY16-18**

**[AXE68171](#) – HIGH DIVERSITY UNIVERSAL CONCAVE**



**[AXE68174](#) - HIGH DIVERSITY SMALL GRAIN CONCAVE**

Perfect fit and versatility with the adjustable booster bar.



**MY19-22**

**[AXE61100](#) - HIGH-VERSATILITY CONCAVE**

**[AXE59420](#) - CONCAVE INSERT SMALL GRAIN**

**[AXE59418](#) - CONCAVE INSERT SMALL GRAIN**

**[BXE10910](#) - ROUND BAR CONCAVE INSERT KIT**

High versatility with easy-to-exchange inserts.



### STRAW CHOPPER

#### PREMIUM KNIVES

Induction hardened to resist wear and tear at the punched hole and the cutting edge.

**MY11-22**

**[Z103205](#) - PREMIUM CHOPPER SERRATED KNIFE**



**[Z103376](#) - PREMIUM CHOPPER SMOOTH KNIFE**



**[Z105500](#) - PREMIUM HEAVY-DUTY SERRATED KNIFE**



**[Z75874](#) - PREMIUM CHOPPER STATIONARY KNIFE**



#### STANDARD KNIVES

Induction hardened to resist wear and tear at the punched hole and the cutting edge.

**MY11-22**

**[Z77601](#) - STANDARD CHOPPER SERRATED KNIFE**



**[Z53454](#) - STANDARD CHOPPER SMOOTH KNIFE**



**[Z42176](#) - STANDARD CHOPPER CORN KNIFE**



**[HXE13024](#) - STANDARD CHOPPER STATIONARY KNIFE SMOOTH**



**[HXE13023](#) - STANDARD CHOPPER STATIONARY KNIFE SERRATED**



# WEAR PARTS OVERVIEW

## W540 COMBINE

### FEEDERHOUSE

#### COMPLETE CONVEYOR CHAIN

Made for smooth running, resisting load spikes and minimal elongation.



MY11-15

[AZ102571](#)



MY16-22

[AXE41943](#)

#### OUTER CHAIN

Made for smooth running, resisting load spikes and minimal elongation.



MY11-15

[AZ63336](#)



[AZ102573](#) (HEAVY DUTY)



MY16-22

[AXE41939](#)

#### INNER CHAIN

Made for smooth running, resisting load spikes and minimal elongation.



MY11-15

[AZ63337](#)



[AZ102574](#) (HEAVY DUTY)



MY16-22

[AXE41940](#)

#### SLAT

Modern machining prevents burrs and edges, and the design is optimized for efficient and gentle crop handling.



[Z100722](#)



### GRAIN HANDLING

#### [AZ101808](#) - CLEAN GRAIN ELEVATOR CHAIN

Made for smooth running, resisting load spikes and minimal elongation.



### STRAW WALKER

#### [AZ45586](#) - BEARING

Original John Deere bearings don't warp, open, crack or break, nor will they seize on the shaft.

