

# REPLACEMENT PARTS GUIDE

## 5E Series - 5090EH Tractor

### CAB



#### FRESH AIR FILTER

[RE198488](#)

Clean after every 250 hours and annually. Change as required.

### ENGINE



#### PRIMARY AIR FILTER

[KV16429](#)



#### SECONDARY AIR FILTER

[AT171854](#)

Replace after every 1000 hours or annually whichever occurs first. Change as required.

### HYDRAULIC



#### FUEL FILTER

[RE45864](#)

[SJ28834](#)

Replace after first 100 hours then after every 500 hours.

### TRANSMISSION



#### OIL FILTER

[SJ10672](#)

Replace after first 100 hours then after every 500 hours.



### CAB



#### RECIRCULATION AIR FILTER

[RE195491](#)

Clean after every 250 hours and annually. Change as required.



#### ACTIVATED CARBON AIR FILTER

[SJ14288](#)

Replace after every 250 hours.

### ENGINE



#### PRIMARY FUEL FILTER

[AL153517](#)



#### FINAL FUEL FILTER

[RE60021](#)

Replace after every 500 hours for Cab model or else for OOS model replace after every 250 hours.



#### OIL FILTER

[RE504836](#)

Change after first 100 hours then after every 250 hours. (If diesel fuel has a sulfur content greater than 0.7 percent, reduce service interval to half)



**JOHN DEERE**  
Genuine Parts and Service

# CAPACITIES

## 5E Series - 5090EH Tractor

### CAPACITIES (Approximate):

#### Fuel Tank:

5090EH (OOS) ..... 95 L (25 gal)  
5090EH (Cab)..... 125 L (33 gal)

#### Cooling System: Cool-Gard™ II

..... 10.8 L (2.37 gal)

#### Crankcase with Filter: Plus-50™ II

..... 8.5 L (1.86 gal)

#### Transmission and Hydraulic System: Hy-Gard™

Dry Clutch (Synchronized Transmission, 2WD)  
5090EH..... 38 L (10 gal)  
Dry Clutch (Synchronized Transmission, MFWD)  
..... 41.8 L (11 gal)  
12X12 PowrReverser™  
5090EH..... 43.5 L (11.5 gal)

#### Mechanical Front Wheel Drive (MFWD) Axle Housing: Hy-Gard™

..... 5.0 L (1.09 gal)

#### Mechanical Front Wheel Drive (MFWD) Hubs (Each): Hy-Gard™

..... 0.6 L (0.13 gal)

#### Rear Axle: Hy-Gard™

5090EH  
High Crop Axle (Each)..... 17 L (4.5 gal)  
High Crop Axle with Space(Each)..... 20 L (5.3 gal)

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### ENGINE

#### BRAKE DISK



- [AL162808](#) (BRAKE)
- [L77358](#) (ACTUATING DISK HI-CROP DROP AXLE)
- [R113948](#) (MFWD)
- [RE45938](#) (MFWD)
- [RE222092](#) (DISK) (HI-CROP DROP AXLE)

#### CLUTCH DISK



- [RE265964](#) (TRACTION) (7 PAD)
- [RE265965](#) (PTO) (7 PAD)
- [SJ32011](#) (PTO DISK) (7 PAD)
- [RE177574](#) (TRACTION) (6 PAD)
- [RE227648](#) (PTO) (6 PAD)
- [SJ25811](#) (TRACTION) (6 PAD)

#### BATTERY



- [TY25272](#) (12 V)

#### ALTERNATOR



- [RE529377](#) (70 A)
- [RE205273](#) (90 A)

#### FAN BELT DRIVE FAN



- [R270966](#) (LGTH = 1568 mm)
- [DZ118885](#) (LGTH = 1990 mm)



### CAB

#### SEAT



- [SJ10919](#) (W/O SWITCH) (S15)
- [SJ12046](#) (W/O SWITCH)
- [AL207601](#) (BACK)
- [AL173179](#) (BOTTOM)
- [MIA10599](#) (BACK) (CAB)
- [SJ14329](#) (CAB)
- [SU50988](#) (BACK) (OOS)
- [SU50989](#) (BOTTOM) (OOS)
- [SJ39280](#) (INSTRUCTIONAL)
- [SJ17146](#) (MECHANICAL)

### AXLE

#### TIE ROD



- [RE217616](#) (ASSEMBLY) (2WD)
- [RE217819](#) (LH) (RH) (BALL JOINT) (2WD)
- [RE217817](#) (2WD)
- [RE271437](#) (ASSEMBLY) (MFWD)
- [RE271440](#) (LH) (MFWD)
- [RE271441](#) (RH) (MFWD)