

# REPLACEMENT PARTS GUIDE

## E140 Excavator (PIN: 1YNE14B\_\_C00001— ) (PIN: 1YNE14B\_\_D00001— )



### ENGINE AIR FILTER DUST UNLOADER VALVE

[T158495](#)  
Interval (hrs) - 1000.



### ENGINE VALVE COVER GASKET

[R524468](#)  
Interval (hrs) - 1000.



### CAB FRESH AIR FILTER

[AT439042](#)  
Interval (hrs) - 1000.



### CAB RECIRCULATING AIR FILTER

[WY19796](#)  
Interval (hrs) - 1000.



### ENGINE FAN/ACCESSORY DRIVE BELT

[T428848](#)  
Interval (hrs) - 2000.



### HYDRAULIC TANK SUCTION STRAINER

[AT463577](#)  
Interval (hrs) - 4000.



### HYDRAULIC OIL RETURN FILTER

[AT457574](#)  
Interval (hrs) - 2000.



### PRIMARY AIR FILTER ELEMENT

[RE171235](#)  
Interval (hrs) - As Required.



### SECONDARY AIR FILTER ELEMENT

[RE171236](#)  
Interval (hrs) - As Required.



### ENGINE OIL FILTER ELEMENT

[RE504836](#)  
Interval (hrs) - 500.



### HYDRAULIC TANK BREATHER FILTER ELEMENT

[WY21319](#)  
Interval (hrs) - 2000.



### AUXILIARY FUEL FILTER

[AT365870](#)  
Interval (hrs) - 500.



### PRIMARY FUEL FILTER

[DZ115391](#)  
Interval (hrs) - 500.



### FINAL FUEL FILTER

[DZ115392](#)  
Interval (hrs) - 500.

# OILS AND CAPACITIES INFORMATION

## E140 Excavator (PIN: 1YNE14B\_\_C000001— ) (PIN: 1YNE14B\_\_D000001— )

Part Description	Qty or capacity	Change Interval In Hours
Engine Oil <sup>b</sup>	14.7 L (3.9 gal)	500
Swing Gear Case Oil <sup>e</sup>	1.8 L (1.9 qt)	1000
Track Drive Gear Case Oil <sup>e</sup> (each)	2.2 L (2.3 qt)	500
Hydraulic Oil <sup>d</sup>	185 L (48.9 gal)	4000
Engine Coolant <sup>e</sup>	18.2 L (4.8 gal)	6000
Fluid Analysis Test Kits <sup>f</sup>		
Engine Oil	1	250
Swing Gear Case Oil	1	500
Track Drive Gear Case Oil	1	500
Hydraulic Oil	2	500
Engine Coolant	1	500
Diesel Fuel	1	500

<sup>a</sup>Replace engine air filters at monitor indication.

<sup>b</sup>For recommended change intervals, if the machine is operating at high altitude, see Diesel Engine Oil and Filter Service Interval for Operation at High Altitude—Stage III Engines.

<sup>c</sup>After engine valve clearance adjustment, install new gasket.

<sup>d</sup>For recommended change intervals, if using hydraulic hammer on machine, see Hydraulic Hammer Attachment.

<sup>e</sup>See operator's manual for recommended oil type and oil viscosities based on operating temperatures.

<sup>f</sup>Based on fluid analysis results, intervals may need to be adjusted for operating conditions. See an authorized John Deere dealer.

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**CLICK PART NUMBER TO BUY**

\*See operator's manual for additional details.

## Service Intervals

As Required	
• Check and adjust track tension	• Inspect or replace bucket joint O-ring
• Inspect or replace cab fresh air filter	• Inspect or replace cab recirculating air filter
• Drain auxiliary fuel filter with water separator	• Drain primary fuel filter with water separator
• Lubricate cab door hinges	• Replace engine air filter elements
Every 10 Hours or Daily	
• Check engine oil level	• Check hydraulic oil level
• Check engine coolant level	• Check and clean engine air filter dust unloader valve
Every 50 Hours	
• Lubricate boom, arm, bucket, and cylinders	• Lubricate boom cylinder base ends
Every 250 Hours	
• Take engine oil sample	• Lubricate swing bearing
Initial Service—500 Hours	
• Drain and refill track drive gear case oil	
Every 500 Hours	
• Drain and refill engine oil <sup>b</sup>	• Replace engine oil filter
• Replace auxiliary fuel filter	• Replace primary fuel filter
• Replace final fuel filter	• Drain water or sediment from fuel tank sump
• Check swing gear pinion grease level	• Check swing gear case oil level
• Check track drive gear case oil level	• Take fluid samples and analyze hydraulic oil, fuel, gear case oil, and engine coolant
Every 1000 Hours	
• Replace cab fresh air filter	• Replace cab recirculating air filter
• Replace engine air filter dust unloader valve	• Lubricate swing gear case bearing
• Drain and refill track drive gear case oil	• Drain and refill swing gear case oil
Every 2000 Hours	
• Adjust engine valve clearance <sup>c</sup>	• Inspect or replace engine fan/accessory drive belt
• Replace hydraulic tank breather filter	• Replace hydraulic oil return filter
• Inspect and clean hydraulic pilot mesh filter	• Clean case drain screen fittings
Every 4000 Hours	
• Drain and refill hydraulic oil <sup>d</sup>	• Clean hydraulic tank magnetic plug
• Replace hydraulic tank suction strainer	
Every 6000 Hours	
• Drain and refill engine coolant	