

**Solution Number: 111951**

**Solution Summary: Easy Change Oil Filter System Reversion**

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**\*\*Paper copies of solutions may not be the most current solutions\*\***

**Complaint or Symptom :**

Want to remove the John Deere Easy Change™ Oil System.

**Problem or Situation :**

Owner wants to change an engine system with the Easy Change™ 30-second oil change to instead use a traditional 100 Series oil filter system.

**Solution :**

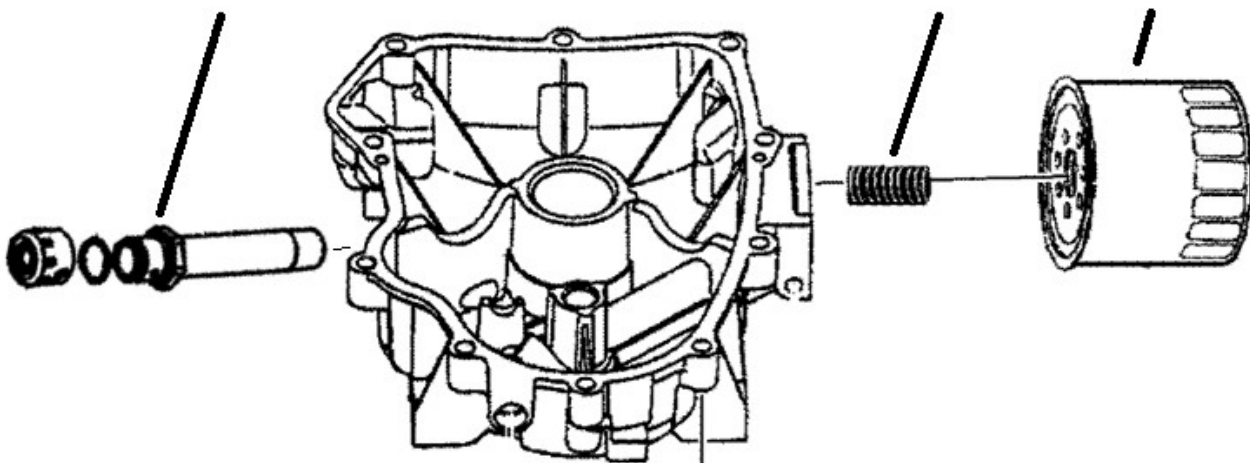
To replace the Easy Change™ receptacle (left side of engine) with a traditional oil filter system order the following service parts:

Item Part No. Qty. Description

1 AM131611 1 Drain Pipe Ass'y

2 MIU13767 1 Threaded Nipple

3 AM125424 1 Oil Filter



EasyChange Oil System Reversion.jpg

**Instructions:**

1. Raise hood and remove the close-out panels from the oil filter side of the tractor.
2. Remove the Easy Change™ oil filter from the engine and dispose of it properly.

3. Remove the engine dipstick.
4. Siphon out the engine oil from the crankcase using a JDG11805 fluid removal tool (or equivalent) with the wand extending into the dipstick tube.
5. Remove the mounting bolt and base assembly for the Easy Chang oil filter. Wipe away any spilled oil.
6. Clean any dirt or debris away from the sides of the engine and tractor chassis.
7. Remove the plug on the bottom of the engine crankcase cover on electric starter side of the engine.
8. Assemble the drain pipe assembly into the crankcase cover. Torque it to 14 Nm (124 inlb).
9. Assemble the pipe nipple connector to the side of the crankcase where the filter base was removed. Torque the nipple to 24 Nm (212 inlb).
10. Put a light coat of fresh, clean oil on the gasket of the new oil filter. Assemble the oil filter to the side of the engine.
11. Add oil no higher than the FULL mark on dipstick, approximately 1.9 L (2.0 qt). Use the appropriate viscosity for the climate the vehicle will be used in.
12. Install dipstick.
13. Start and run engine at idle to check for leaks. Stop engine. Fix any leaks before operating.
14. Check oil level. Add oil if necessary.
15. Install closeout panel and lower hood.

**Additional Information :**

Converting from the John Deere Easy Change™ system to a traditional oil filter system does not void the vehicle warranty.

The cost of converting a John Deere Easy Change™ system to a traditional oil filter system is not covered under warranty.

Because of differences in the oil pump to accommodate the Easy Change™ Oil System, the Easy Change oil filter should not be installed on engines that were not equipped with the Easy Change oil filter from the factory.

For John Deere Easy Change™ Oil System (ECOS) Frequently Asked Questions (FAQ), see DTAC solution [112468](#).

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107H, E120, E130, E150, E160, E170, E180, X166, X166R, S120, S130, S160, S170, S180, Z365R

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100, kits, conversion, system, oil, filter, CCE Eng, 0407