

- Install new ECOS to aligning the alignment pointer (C) on the ECOS with the oil level pointer (B) on the engine. Rotate the ECOS 90 degrees clockwise until the oil level pointer and the fuel pointer on the ECOS (C) and engine (B) are aligned.

IMPORTANT: Avoid damage! Keep turning the ECOS until the oil level is engaged and the lock symbols are aligned.

- Check oil level with the dipstick. Add oil if necessary.
- Connect spark plug wires, start, and run engine at idle to check for leaks. Stop engine 15 min before re-starting.
- Lower the hood.
- The rubber cap can be installed on the used ECOS.

NOTE: Many local government recycling programs, authorized dealers, auto repair stations, and auto parts stores purchase and recycle used oil from used oil.

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Changing Engine Oil and Filter on models not equipped with the John Deere Easy Change™ Oil-Second Oil Change System

IMPORTANT: Avoid damage! Change the oil more often if the vehicle is used in extreme conditions:

- Extremely dusty conditions.
- Frequent slow or low-speed operation.
- Frequent short trips.

- Run engine to warm oil.
- Park machine safely. (See Parking Safety in the SAFETY section.)
- Lift hood.
- Remove oil drain pan.



Oil drain pan is shown.

- Put drain pan under drain valve (A).
- Remove and remove drain cap (B) and drain oil into oil drain pan. Allow oil to drain completely.
- Remove dipstick (C).



Oil filter is shown.

- Replace oil filter (A):
 - Wipe oil from around oil filter.
 - Place a drain pan or funnel under filter trap.
 - Remove oil filter and filter gasket and dispose of properly. Wipe up any spilled oil.
 - Put a light coat of lube oil on the new filter gasket.
 - Install replacement oil filter by turning oil filter to the right (clockwise) until the rubber gasket contacts filter base. Tighten filter an additional one-half turn.
- Install drain cap.

IMPORTANT: Avoid damage! Do not overfill. Overfilling can cause smoking, hard starting, flooding of spark plug, and oil saturation of air filter.

- Add oil to higher than F (A) mark on dipstick. Use approximately the amount of oil listed in the Specifications section. Do not overfill.
- Install dipstick.
- Connect spark plug wires to start and run engine at idle to check for leaks. Stop engine 15 min before re-starting.
- Check oil level. Add oil if necessary.
- Install oil drain pan and lower hood.

NOTE: Many local government recycling programs, authorized dealers, auto repair stations, and auto parts stores will purchase and recycle used oil from used oil.

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Cleaning Air Intake Screen and Engine Fins

CAUTION: Avoid injury! Compressed air can cause debris to fly a long distance.

- Clean work area of bystanders.
- Wear eye protection when using compressed air for cleaning purposes.
- Reduce compressed air pressure to 20-40 psi (20-40 psi).

IMPORTANT: Avoid damage! An obstructed or intake screen can cause engine damage due to overheating. Keep air intake screen and other external surfaces of the engine, including cooling fins, clean at all times to allow adequate air intake.

- Park machine safely. (See Parking Safety in the Safety section.)

- Lift hood.



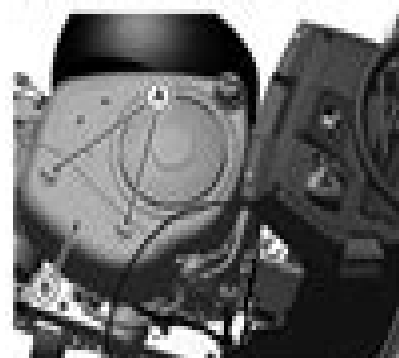
Air cleaner is shown.

- Clean air intake screen (A), cooling fins and external surfaces with rag, brush, vacuum or compressed air.
- Lower hood.

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Checking and Cleaning Air Cleaner Elements (S100 and S110)

- Park machine safely. (See Parking Safety in the SAFETY section.)
- Let engine cool.
- Lift hood.
- Clean dirt and debris from the air cleaner cover.



Air cleaner is shown.

- Lift both (A) to intake cover (B). Lift cover forward and remove.

IMPORTANT: Avoid damage! Dirt and debris can enter the engine through a damaged filter element.

- Do not wash paper element.
- Do not attempt to clean paper element by tapping against another object.
- Do not use pressurized air to clean element.
- Replace element only if it is very dirty, damaged or the seal is cracked.



Air cleaner is shown.

- Inspect the paper filter element (C) without removing it. If the paper filter element is damaged in any way, replace with new filter.
 - Clean air cleaner base very carefully, removing any dirt from falling into carburetor.
 - Carefully cut the paper element from the air cleaner cover (D).
 - Install new paper filter element back into air cleaner plate.

- Install air cleaner cover and push both down to lock.
- Lower hood.

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Checking and Cleaning Air Cleaner Elements (S120, S130, and S140)

- Park machine safely. (See Parking Safety in the SAFETY section.)
- Let engine cool.
- Lift hood.
- Clean dirt and debris from the air cleaner cover.



Air cleaner is shown.

IMPORTANT: Avoid damage! To prevent engine damage, do not allow any foreign objects to fall into the carburetor air intake.

Ktm400lc Manual

Mike Jess

A red circular graphic with a gradient, appearing as a stylized arrow or a partial circle, located to the right of the author's name.

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