

# TOOL & EQUIPMENT MAINTENANCE GUIDE



TOOL NUMBER:	TSN00457-102
TITLE:	SNAP-ON ECO NEXT ONE AC SERVICE EQUIPMENT
REV, DATE:	B, 01-21-26

## PURPOSE:

Annual maintenance guide for the ECO NEXT ONE AC Machine.

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REFER TO THE MANUFACTURERS' USER MANUAL FOR DETAILED INFORMATION NOT CONTAINED IN THIS DOCUMENT.



# MAINTENANCE CHECKLIST

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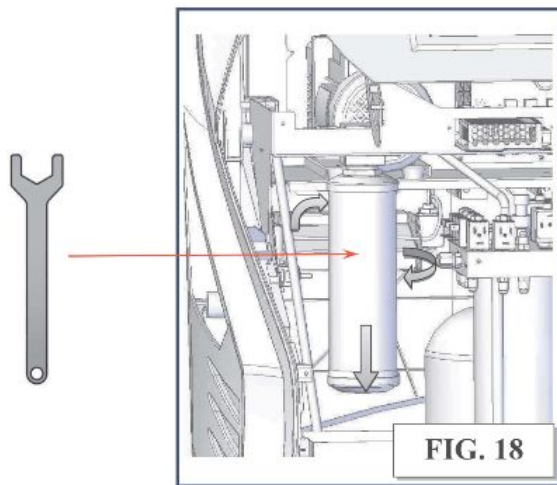
ITEM	DESCRIPTION	ACTION
1	FILTER DRYER	REPLACE
2	VACUUM PUMP OIL	REPLACE
3	O2 SENSOR & ANALYZER FILTER	REPLACE
4	SERVICE HOSES	INSPECT
5	HOSE COUPLERS	REPLACE
6	TANK CELL CALIBRATION	PERFORM
7	PRESSURE CHECK	PERFORM



## MAINTENANCE INSTRUCTION

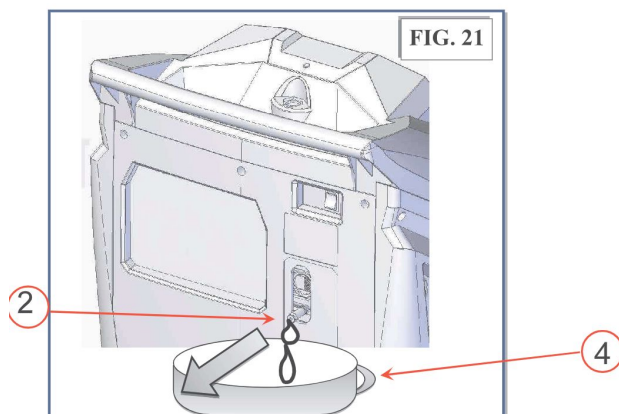
### 1. FILTER DRYER

- From MAINTENANCE select SERVICE ALARM.
- Follow the screen prompts to complete a refrigerant check.
- Remove and install the filter dryer with the special wrench.
- Type in the filter code.
- Continue to perform the vacuum check.



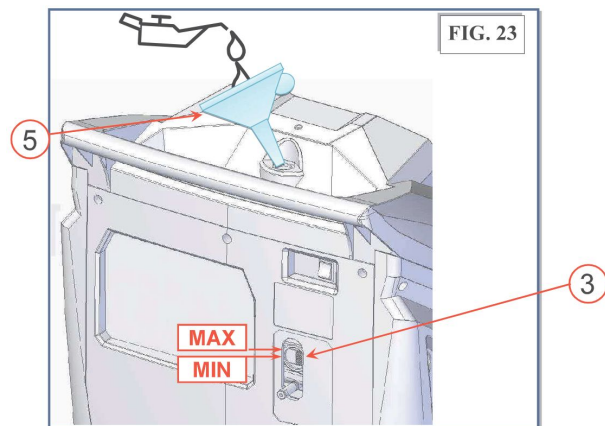
### 2a. VACUUM PUMP OIL

- Disconnect the machine from power.
- Place a container under the drain cap.
- Unscrew the filling cap.
- Unscrew the drain cap.
- Replace drain cap after all oil is drained



### 2b. VACUUM PUMP OIL continued

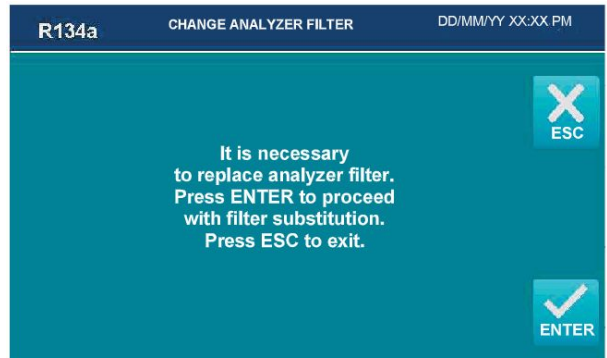
- Pour new oil through the filling hole.
- Oil level should reach the middle of the indicator.
- Replace the filling cap



## MAINTENANCE INSTRUCTION

### 3a. GAS ANALYZER FILTER

- When prompted follow the on-screen instructions:



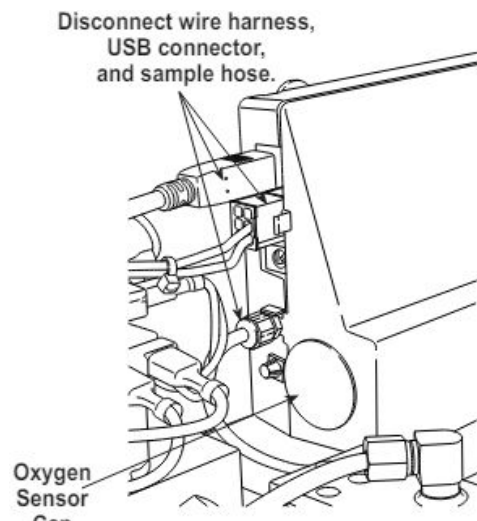
### 3a. GAS ANALYZER FILTER

- Remove the protection screen.
- Remove filter
- Insert new filter
- Enter to filter reset code



### 3b. O2 SENSOR

- Remove the oil bottle
- Disconnect the wire harness, usb connector and sample hose
- Remove the two screws holding the identifier to the machine, remove the identifier
- Carefully pry the oxygen sensor cap from the housing. Gently pull on the cap and wires until the connector exits the housing.



## MAINTENANCE INSTRUCTION

### 3b. O2 SENSOR

- Disconnect the wire harness
- Move the cap and harness aside. Hold the lead and use a flat-blade screwdriver to unthread and remove the oxygen sensor.
- Install the new oxygen sensor (tighten to 4in. Lb)
- Reconnect the lead
- Replace the cap push until it clicks.
- Install identifier onto machine

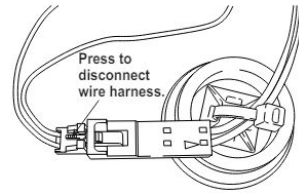


Figure 15

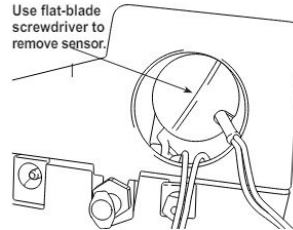


Figure 16

### 4. SERVICE HOSES

- Inspect hoses for damage or excessive wear.



### 5. HOSE COUPLERS

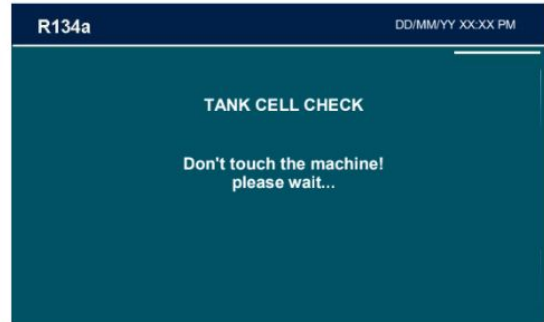
- Remove hose couplers from the service hoses and replace with the new units.



## MAINTENANCE INSTRUCTION

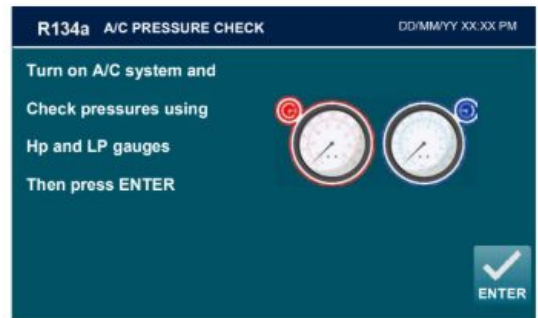
### 6. TANK CELL CALIBRATION

- From MAINTENANCE, select TANK CELL CHECK.
- Attach the reference weight.
- Run the check.



### 7. PRESSURE CHECK

- From MAINTENANCE, AC PRESSURE CHECK.
- Follow the process to complete the test.



## COMMON REPLACEMENT PARTS

FOR OTHER ITEMS NOT SHOWN, CONTACT EQUIPMENT SERVICE REP.

	DESCRIPTION	IMAGE	PART NUMBER
1	Filter dryer		EEAC330-23B
2	Gas analyzer filter		EEAC333-8
3	Vacuum pump oil		Any ISO VG 46 vacuum pump oil
4	Coupler high side		AEK229A
5	Coupler low side		AEK229B
6	High side hose		EEAC333-13
7	Low side hose		EEAC333-12
8	O2 Sensor		EEAC333-35

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