

## TOOL & EQUIPMENT MAINTENANCE GUIDE



TOOL NUMBER: TSN00457-104

TITLE: MAHLE ACX2280 AC SERVICE EQUIPMENT

REV, DATE: A, 4-30-24

### TOOL FUNCTION:

Service AC system on Rivian vehicles

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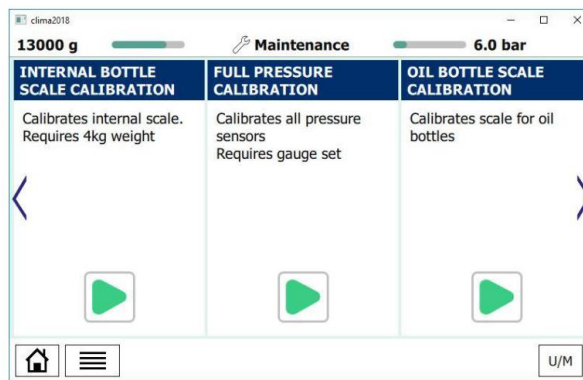
[COMMON REPLACEMENT PARTS](#)



## MAINTENANCE CHECKLIST

ITEM	DESCRIPTION	INSPECT	REPLACE
1	SCALE CALIBRATION	N/A	PERFORM ANNUALLY
2	VACUUM PUMP OIL	MONTHLY	ANNUALLY
3	COMBO FILTER REPLACEMENT AND LEAK TEST	MONTHLY	ANNUALLY
4	WHITE SAMPLE FILTER & RFID FILTER & SAMPLE HOSE		ANNUALLY

1



2



3

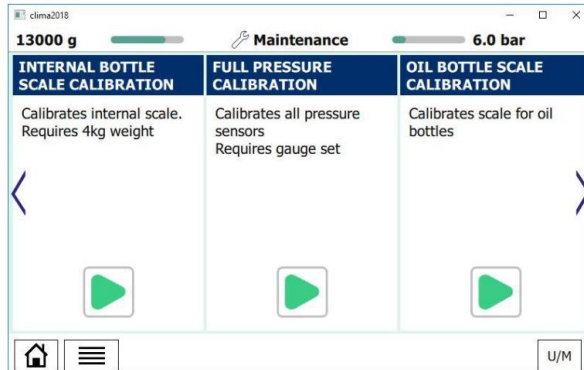
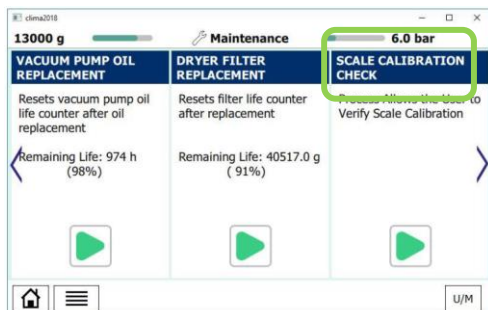


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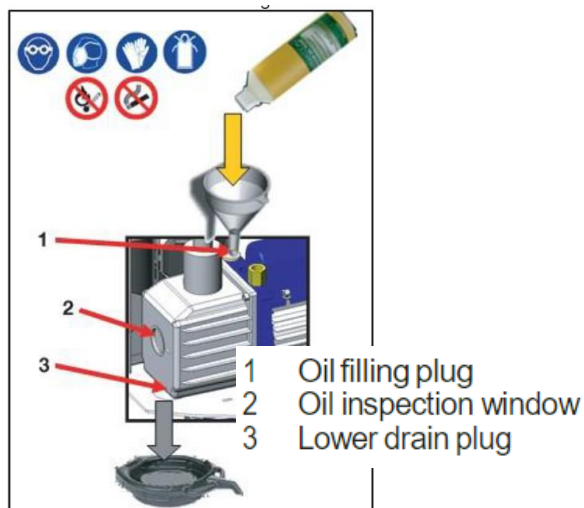
## MAINTENANCE INSTRUCTION

1. From the maintenance menu, access SCALE CALIBRATION CHECK and perform each calibration.



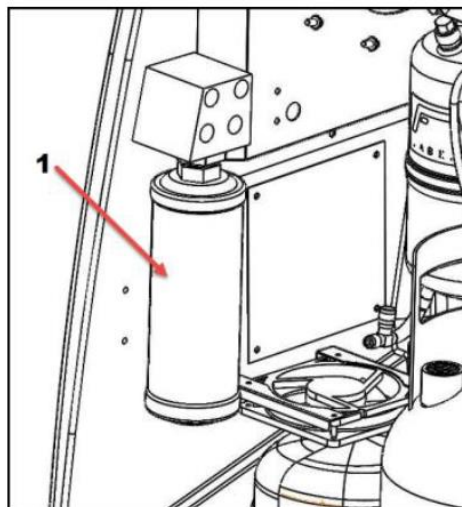
## 2. VACUUM PUMP OIL

- Disconnect the unit from power.
- Place a blow under the vacuum pump drain.
- Remove the drain plug and empty the pump.
- Replace the drain plug and fill it with new oil. The oil level should show halfway up the oil inspection window



## 3a. FILTER

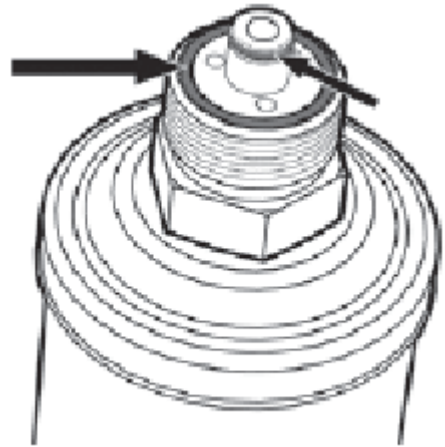
- From the MAINTENANCE menu, access FILTER REPLACEMENT
- Insert the new filter code using the keypad



## MAINTENANCE INSTRUCTION

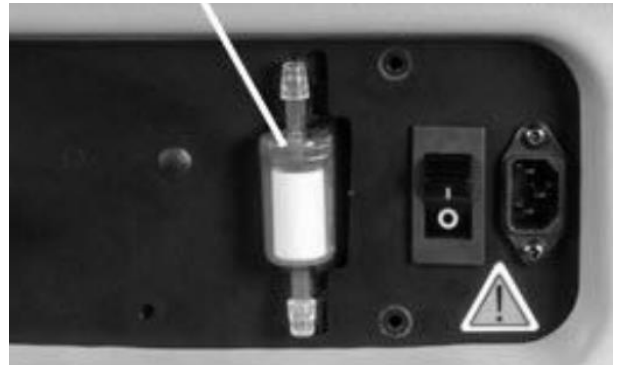
### 3b. **FILTER** continued

- Verify that the 2 o-rings are included and positioned correctly.
- Loosen the filter using a 1 3/8" Wrench (35mm)
- Insert a new filter, tighten to 74 ft. lbs (100N-m)
- The unit will perform the automatic leak test.












### 4. **RFID FILTERS**

- Remove the existing filter
- Replace filter, RFID clear restrictor hose and RFID filter



## COMMON REPLACEMENT PARTS

FOR OTHER ITEMS NOT SHOWN, CONTACT EQUIPMENT SERVICE REP.

	DESCRIPTION	IMAGE	PART NUMBER
1	High-Capacity Desiccant Filter		360 83254 00
2	IDX Service Kit		360 83460 00
3	Vacuum pump oil		(Quart) 011 80070 00 (Case of 12) 360 80012 00
4	Coupler HP Red		360 82950 00
5	Coupler LP Blue		360 82951 00
6	Printer paper		EEAC330-11
7	Calibration check ball		360 82744 00
8	High side hose, 1234yf		028 80528 00
9	Low side hose, 1234yf		028 80529 00

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