



# **RX-3N1 Coolant Service Machine**

## **Troubleshooting Guide**

### **Symptom 1: No Flow During New Fluid Top Off**

#### **Possible Cause:**

- Air toggle switch malfunction.
- Faulty pump (Part# C20160).

#### **Action:**

- Flip the air toggle switch On and Off.
- If no fluid is being pumped, the pump may need to be replaced.
- Provide the serial number to check warranty status.

### **Symptom 2: No Vacuum - Insufficient to Extract Fluid from the Radiator or Coolant Reservoir**

#### **Possible Cause:**

- Obstruction or collapse in the service hose.

#### **Action:**

- Remove the service hose.
- Blow shop air through the hose and cone to check for obstructions or hose collapse.



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### Symptom 3: No Vacuum - Air Leaks in Tube, Fittings, or Fill Cap

#### Possible Cause:

- Loose or faulty tube hold-down connectors.
- Damaged or improperly secured filler cap (Part# C90039A).

#### Action:

- Inspect tube, fittings, and filler cap for air leaks.
- Tighten tube hold-down connectors and push-lock connectors or replace them if necessary ( **this is the tube connector for 1/2" yellow tube**).
- Ensure the filler cap is securely tightened or replace it if needed.

### Symptom 4: Low New Fluid Flow to Car Radiator or Reservoir

#### Possible Cause:

- Leaks or obstructions in hose connections.
- Insufficient engine vacuum.

#### Action:

- Check hose connections for leaks or obstructions.
- Check vacuum from the engine.
- Inspect the yellow line in the bucket for fluid flow.
- Restart the car engine and run it for a few minutes to generate heat, which increases vacuum and fluid flow.



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### **General Check for All Issues**

- Remove hoses from the fittings and blow air through them to check for blockages.
- It is not necessary to remove the fittings.

*This guide provides step-by-step actions to address common issues with the RX-3N1 Coolant Service Machine, ensuring efficient operation and maintenance of the equipment.*