



INFINITI

# VOLUNTARY SERVICE CAMPAIGN

Classification: HA22-005	Reference: ITB22-028	Date: July 22, 2022
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## VOLUNTARY EMISSION SERVICE CAMPAIGN 2022 QX60; A/C CONDENSER PIPE

**CAMPAIGN ID #:** PC900  
**APPLIED VEHICLES:** 2022 QX60 (L51)

**Check Service COMM or Dealer Business Systems (DBS)  
National Service History to confirm campaign eligibility.**

### INTRODUCTION

Infiniti is conducting this voluntary emission service campaign, on certain specific model year 2022 QX60 vehicles, to replace the A/C condenser pipe. This service will be performed at no charge to the client for parts or labor.

### IDENTIFICATION NUMBER

Infiniti has assigned identification number PC900 to this campaign. This number must appear on all communication and documentation of any nature dealing with this campaign.

### DEALER RESPONSIBILITY

Retailers are to repair vehicles falling within range of this campaign that enter the service department. This includes vehicles purchased from private parties, vehicles presented by transient (tourists) clients, and vehicles in a retailer's inventory.

Bulletins are intended for use by qualified technicians, not 'do-it-yourselfers'. Qualified technicians are properly trained individuals who have the equipment, tools, safety instruction, and know-how to do a job properly and safely. **NOTE:** If you believe that a described condition may apply to a particular vehicle, DO NOT assume that it does. See your Infiniti retailer to determine if this applies to your vehicle.

## SERVICE PROCEDURE

1. Open the hood.
2. Install a protective fender cover.



Figure 1

3. Recover the refrigerant using approved equipment.
  - Refer to the ESM: **VENTILATION, HEATER & AIR CONDITIONER > HEATER & AIR CONDITIONING SYSTEM > PERIODIC MAINTENANCE > REFRIGERANT > Recycle Refrigerant**

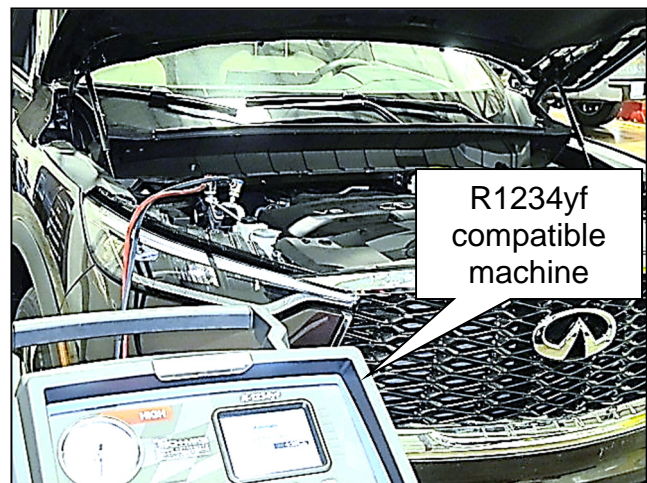


Figure 2

- Using a suitable tool, remove the fourteen (14) retaining clips, and then core support cover.

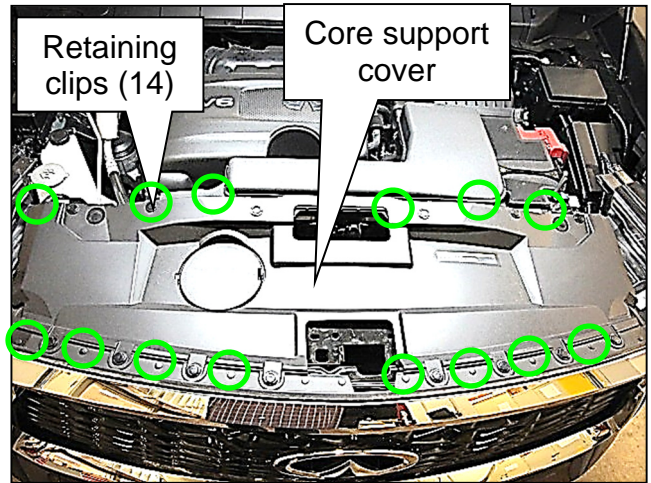


Figure 3

- Locate the A/C high pressure condenser pipe connections in the engine compartment, where shown in Figure 4 and Figure 5.

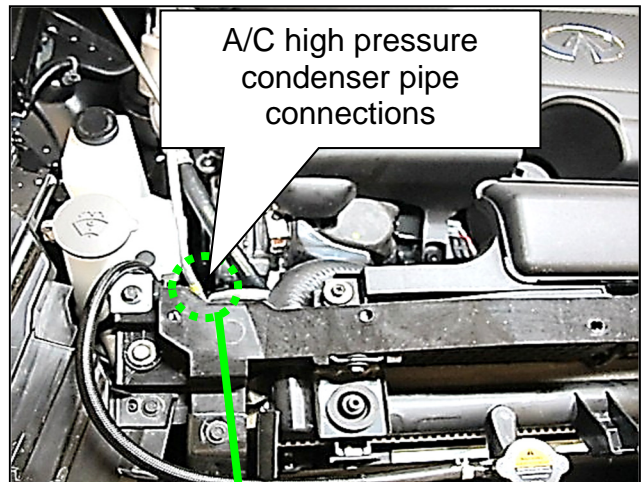


Figure 4

- Remove the two (2) 12 mm A/C high pressure condenser pipe retaining bolts in the engine compartment, where shown in Figure 5.

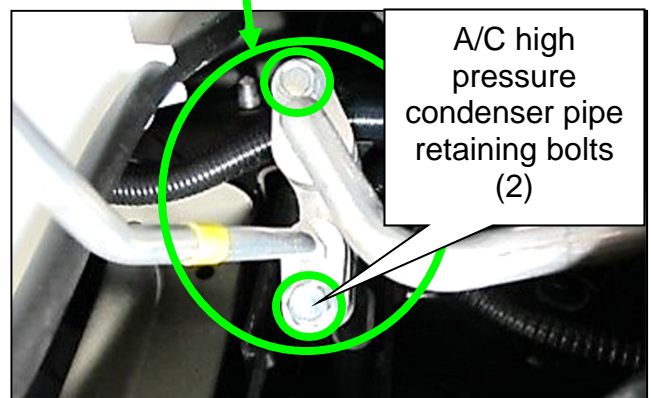


Figure 5

7. Disconnect the high pressure pipe and the high pressure flex-hose connections (Figure 6).

a. Gently pull and wiggle each pipe to allow the O-ring and captured seal to release.

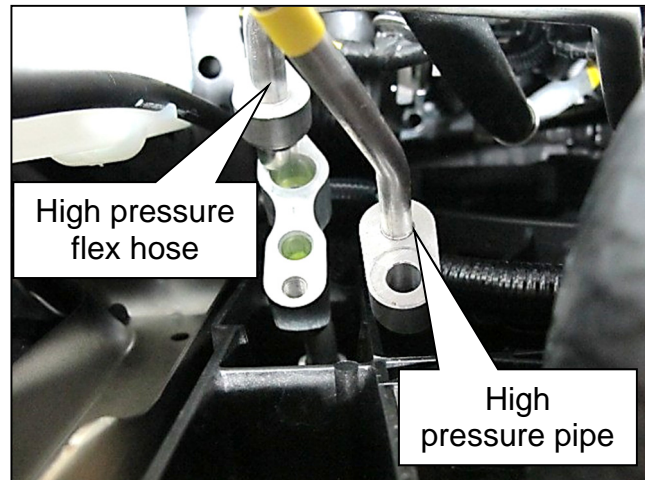


Figure 6

b. Remove and discard the O-ring seal and the captured seal from each high pressure pipe, they will not be reused (Figure 7).

c. Cap off or use a suitable material, such as vinyl tape, to wrap the high pressure pipe and the high pressure flex-hose connections (vehicle side) to avoid the entry of air.

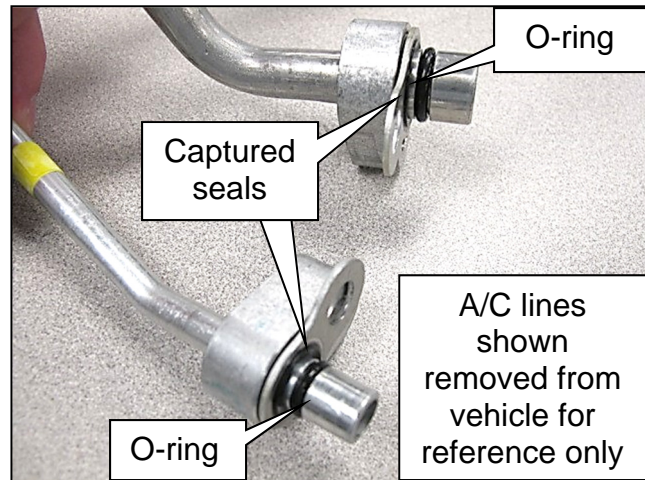


Figure 7

8. Locate the A/C condenser pipe connections at the A/C condenser (Figure 8).

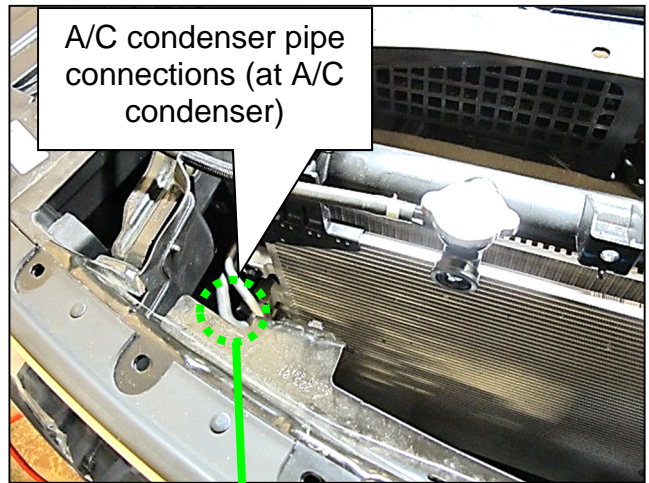


Figure 8

9. Remove the two (2) 10 mm A/C condenser pipe retaining bolts at the A/C condenser, where shown in Figure 9.

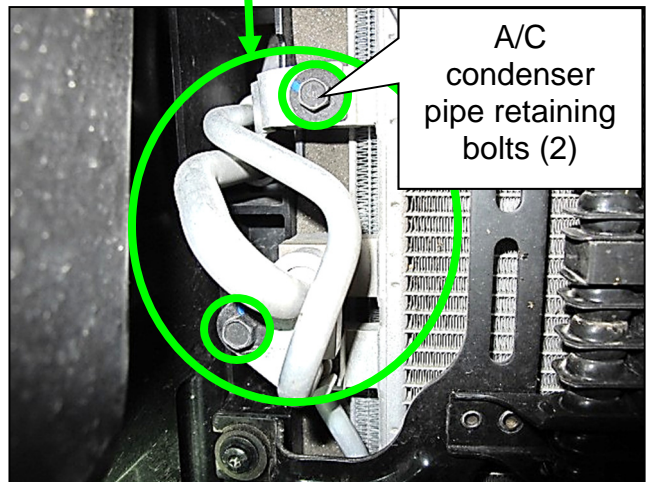


Figure 9

10. Disconnect the A/C condenser pipe from the A/C condenser (Figure 10).
- Gently pull the A/C condenser pipe away from the A/C condenser and remove it from the vehicle.
  - Cap off or use a suitable material, such as vinyl tape, to wrap the A/C condenser pipe openings on the A/C condenser to avoid the entry of air.

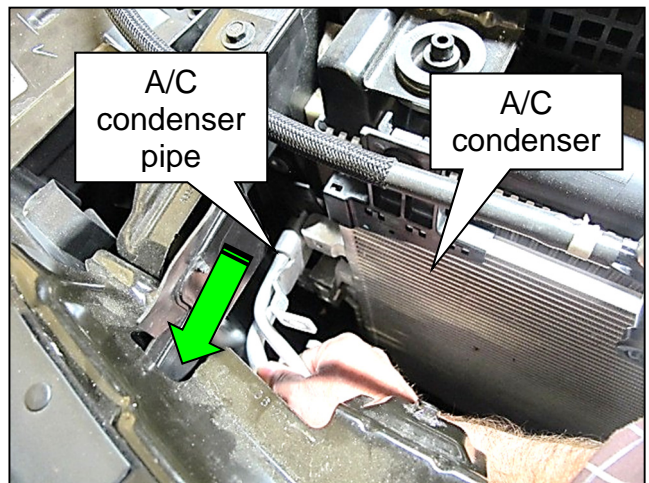


Figure 10

11. Install the new A/C condenser pipe.
  - a. Remove the protective covers from the new A/C condenser pipe.
  - b. Verify the O-rings are present and undamaged (Figure 11).
    - o The new A/C condenser pipe will be supplied with new O-rings installed on the end that mates to the A/C condenser.
  - c. Apply the correct refrigerant oil (PAG VC100YF) to all the new A/C condenser pipe O-rings and seals.

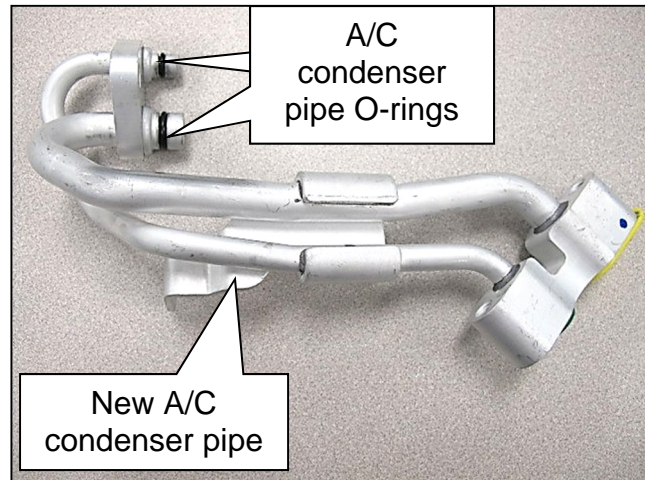


Figure 11

- d. Thread the A/C condenser pipe through the rubber deflector and the core support (Figure 12).
- e. Install the A/C condenser pipe into the engine compartment.

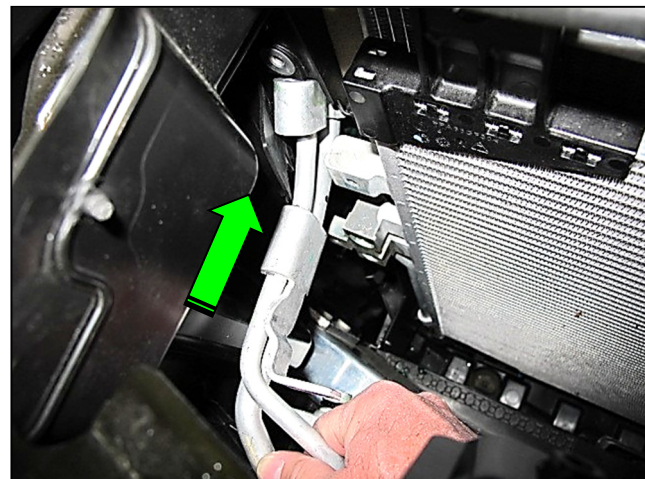


Figure 12

- f. Verify the rubber deflector is seated correctly to the A/C condenser pipe (Figure 13).
- g. Remove any caps and/or protective covering from the A/C condenser openings.

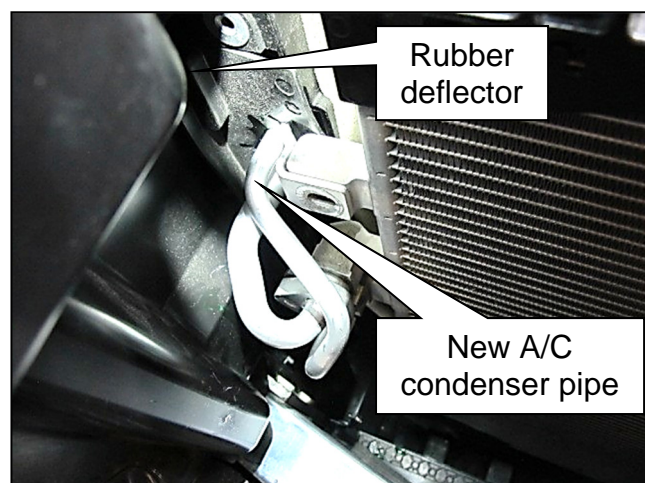


Figure 13

12. Install and torque the two (2) 10 mm A/C condenser pipe retaining bolts (Figure 14).

- A/C condenser pipe retaining bolt torque: 8.0 N•m (0.82 kg-m, **71 in-lb**)

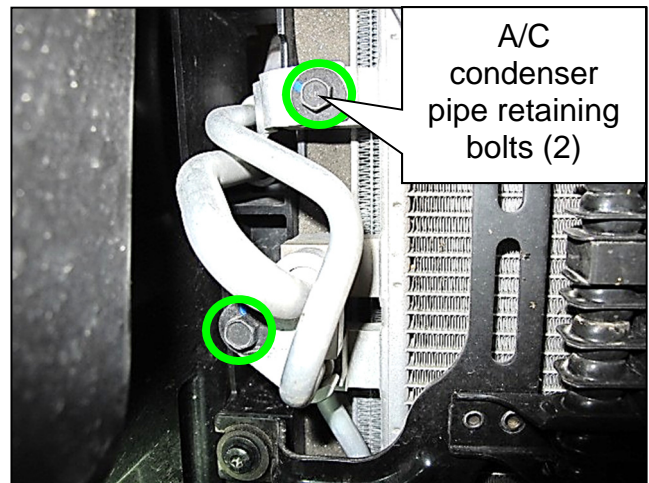


Figure 14

13. Install the high pressure pipe and the high pressure flex-hose connections.

- Remove any caps and/or protective covering from the A/C high pressure pipe and the high pressure flex-hose connections in the engine compartment.
- Install new O-rings and captured seals onto the high pressure pipe and the high pressure flex-hose connections (Figure 15).
- Apply the correct refrigerant oil (PAG VC100YF) to the new high pressure pipe and high pressure flex hose O-rings and captured seals.
- Connect the high pressure pipe and the high pressure flex-hose connections (Figure 16).
- Install and torque the two (2) 12 mm retaining bolts for the high pressure pipe and the high pressure flex hose connections.
  - High pressure pipe and the high pressure flex hose connection bolt torque: 11.0 N•m (1.1 kg-m, **8 ft-lb**)

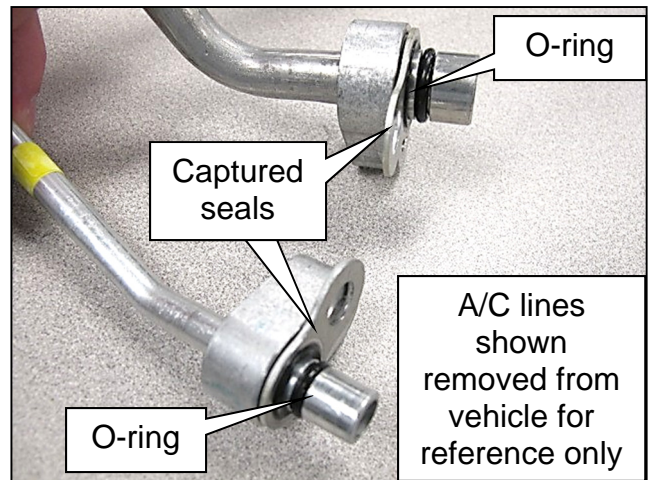


Figure 15

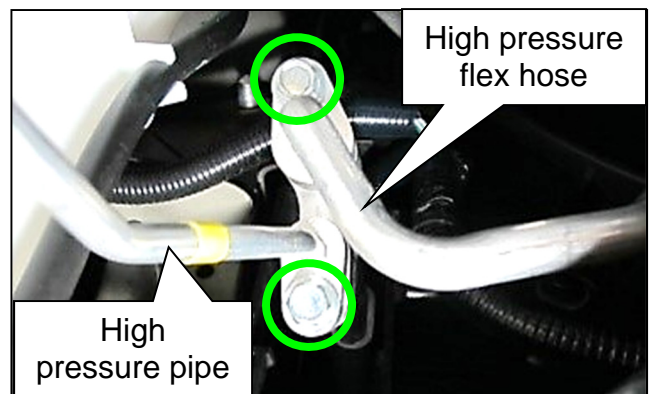


Figure 16

14. Install the core support cover, and then install the fourteen (14) retaining clips (Figure 17).

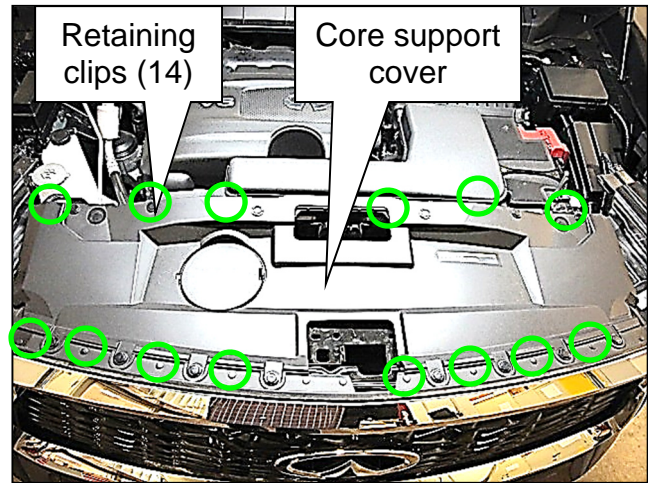


Figure 17

15. Recharge the refrigerant using approved equipment.
- Refer to the **ESM: VENTILATION, HEATER & AIR CONDITIONER > HEATER & AIR CONDITIONING SYSTEM > PERIODIC MAINTENANCE > REFRIGERANT > Charge Refrigerant**
  - Verify there are no refrigerant leaks at the condenser pipe connections.

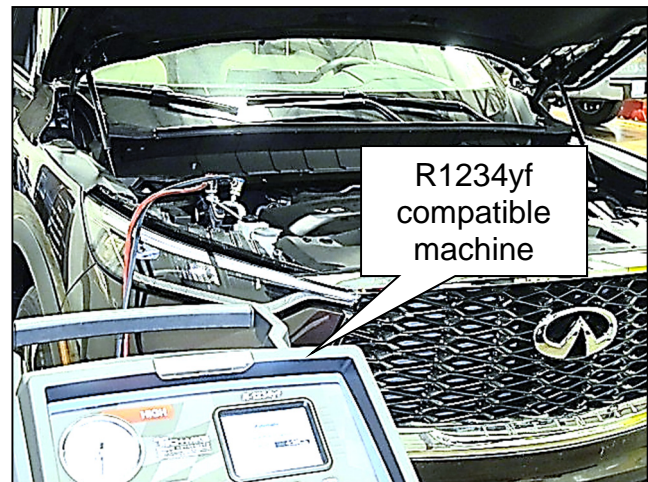


Figure 18

16. Verify the A/C system is operating normally.
- a. Set the parking brake.
  - b. Start the engine and turn on the climate control system to full cold.
  - c. Verify the cold air is blowing from the center vents.
17. Remove the protective fender cover.
18. Close the hood.

## PARTS INFORMATION

DESCRIPTION	PART NUMBER	QUANTITY
PIPE ASSY	92446-6SA0K	1
SEAL O-RING	92471-N823A	1
SEAL O-RING	92472-N823A	1
SEAL O-RING	92477-6RR1A	1
SEAL O-RING	92477-6RR2A	1

## EXPENSE CODE

Submit a "CM" line claim using the following claims coding:

CODE #	DESCRIPTION	AMOUNT (MAX)
123	R1234yf A/C Refrigerant	\$104.75 (1)
124	PAG VC100YF Refrigerant Oil (2)	\$4.81 (3)

- (1) One (1) lb. maximum.
- (2) For new O-ring lubrication ONLY.
- (3) ½ ounce maximum.

## CLAIMS INFORMATION

Submit a "CM" line claim using the following claims coding:

CAMPAIGN ("CM") ID	DESCRIPTION	OP CODE	FRT
PC900	Replace A/C Condenser Pipe	PC9000	1.2

## AMENDMENT HISTORY

PUBLISHED DATE	REFERENCE	DESCRIPTION
July 22, 2022	ITB22-028	Original bulletin published