



Service Repair Manual

Model

321C EXCAVATOR

Product: EXCAVATOR

Model: 321C EXCAVATOR KCR

Configuration: 321C LCR Excavator KCR00001-UP (MACHINE) POWERED BY 3066 Engine

Disassembly and Assembly 321C LCR Excavator Machine Systems

Media Number -REN7108-03

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i01861335

Heating and Air Conditioning Unit - Install

SMCS - 7304-012; 7309-012; 7320-012

Installation Procedure



Personal injury can result from contact with refrigerant.

Contact with refrigerant can cause frost bite. Keep face and hands away to help prevent injury.

Protective goggles must always be worn when refrigerant lines are opened, even if the gauges indicate the system is empty of refrigerant.

Always use precaution when a fitting is removed. Slowly loosen the fitting. If the system is still under pressure, release it slowly in a well ventilated area.

Personal injury or death can result from inhaling refrigerant through a lit cigarette.

Inhaling air conditioner refrigerant gas through a lit cigarette or other smoking method or inhaling fumes released from a flame contacting air conditioner refrigerant gas, can cause bodily harm or death.

Do not smoke when servicing air conditioners or wherever refrigerant gas may be present.

Use a certified recovery and recycling cart to properly remove the refrigerant from the air conditioning system.

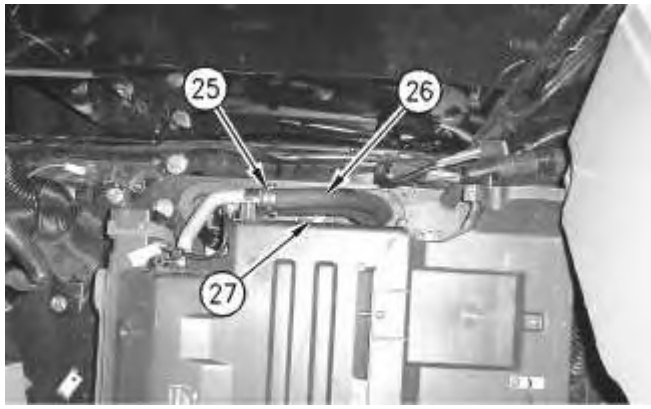


Illustration 1

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1. Position the heating and air conditioning unit. Install bolt (27) and connect two hoses (26). Tighten two hose clamps (25).

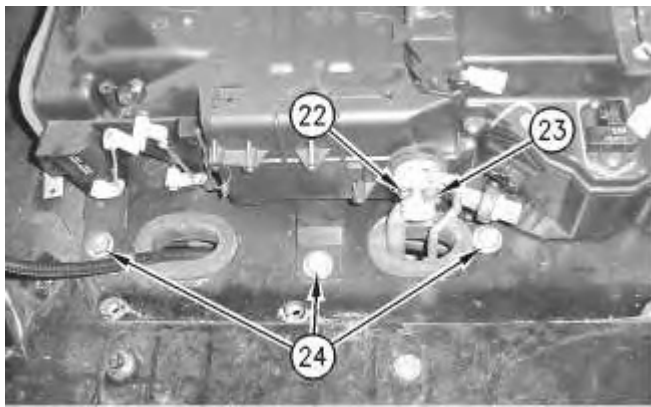


Illustration 2

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2. Install bolts (24), (23), and (22). Tighten bolt (22) to a torque of 3.85 ± 0.65 N·m (2.84 ± 0.479 lb ft). Tighten bolt (23) to a torque of 9.35 ± 1.45 N·m (6.90 ± 1.070 lb ft).

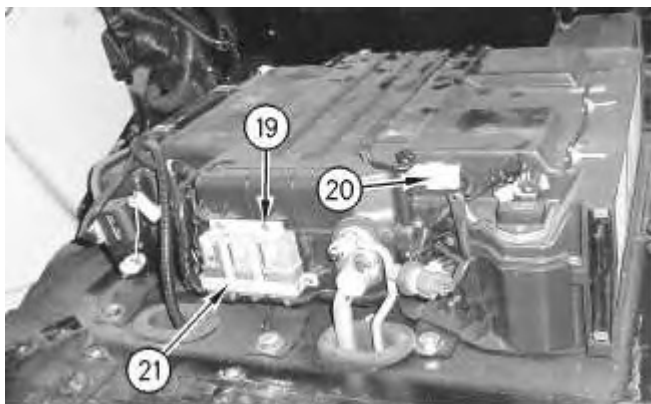


Illustration 3

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3. Position mount (21) for the relays. Install bolts (19). Connect six harness assemblies (20).

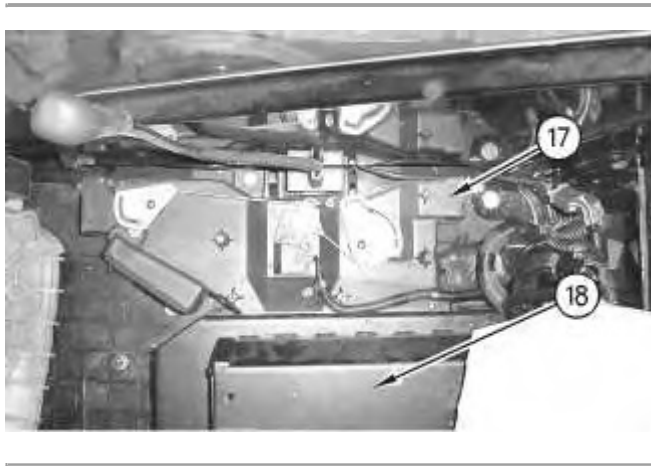


Illustration 4

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4. Use two people and position support assembly (18). The weight of support assembly (18) is approximately 24 kg (52 lb). Install assembly (17) for the air distribution system.

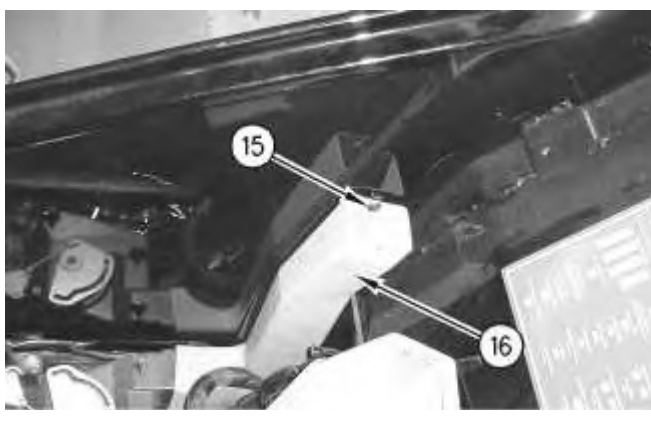
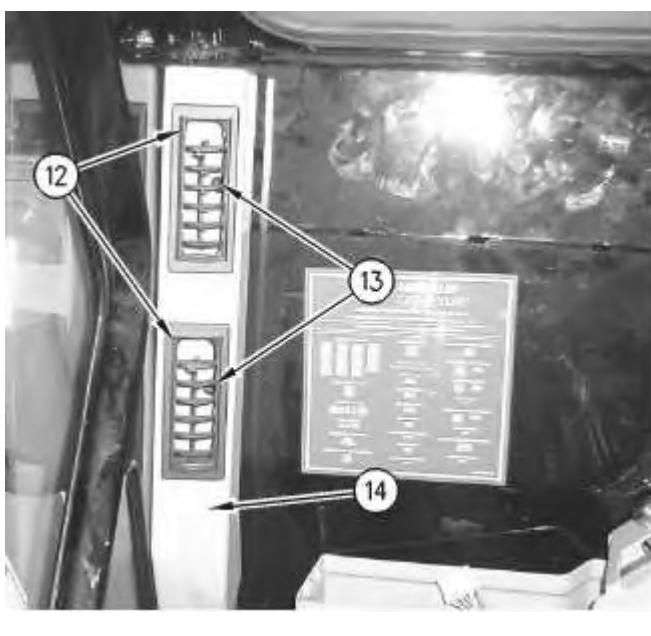


Illustration 5

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5. Install duct (16) and bolt (15).



6. Install duct (14) and bolts (13). Install vents (12).

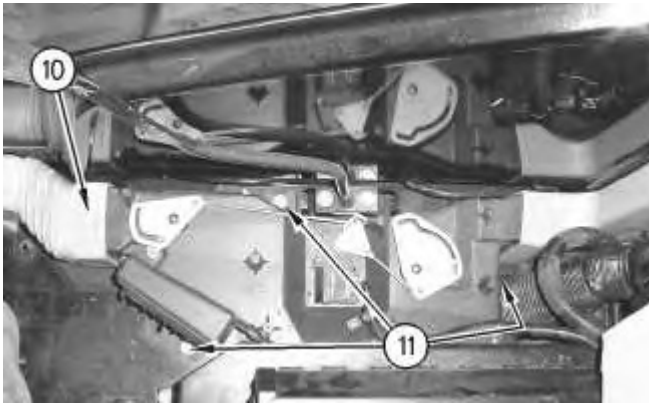


Illustration 7

7. Install bolts (11) and duct (10).

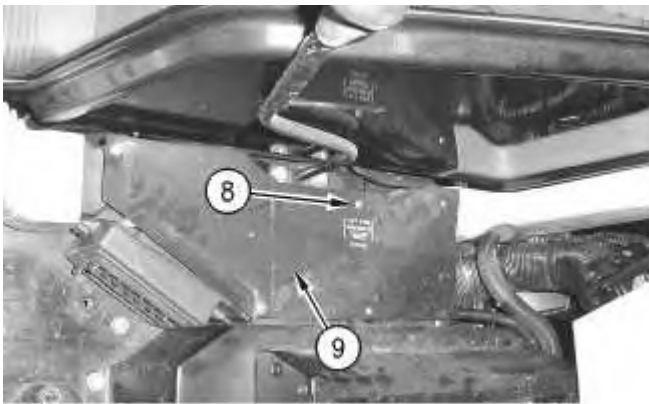


Illustration 8

8. Install panel (9) and five screws (8).

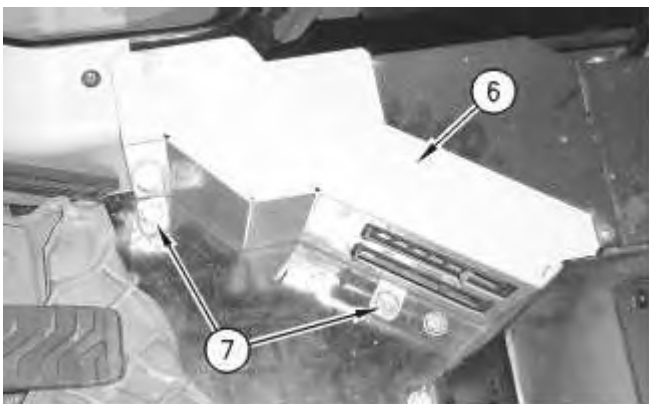


Illustration 9

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