



Service Repair Manual

Model

320E and 320E L 320EL EXCAVATOR

Product: EXCAVATOR

Model: 320E L EXCAVATOR KLT

Configuration: 320E & 320E L Excavators KLT00001-UP (MACHINE) POWERED BY C6.6 Engine

Disassembly and Assembly 320E and 323E Excavators Machine Systems

Media Number -KENR9842-01

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i04390499

Heating and Air Conditioning

SMCS - 7304; 7309; 7320

Removal Procedure



WARNING

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.

1. Refer to Service Manual, SENR5664, "Air Conditioning and Heating Systems with R-134a Refrigerant" for the recovery and the charging procedure. Refer to Special Publication, NENG2500, "Air Conditioning Tools" for the correct tools.

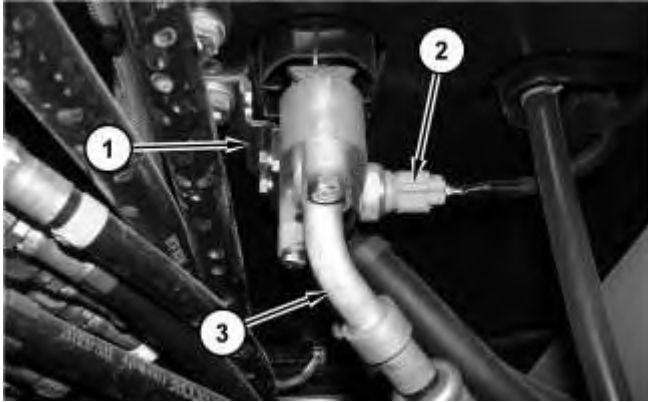


Illustration 1

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2. Disconnect hose assembly (3). Remove switch (2). Remove bolts (1).

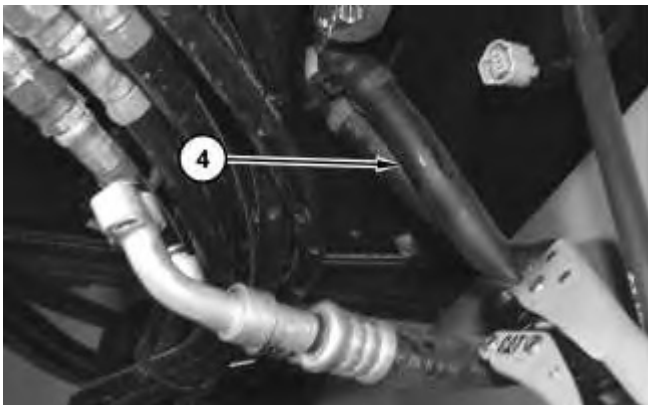


Illustration 2

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3. Clamp hose, as shown to contain coolant. Remove hoses (4).



Illustration 3

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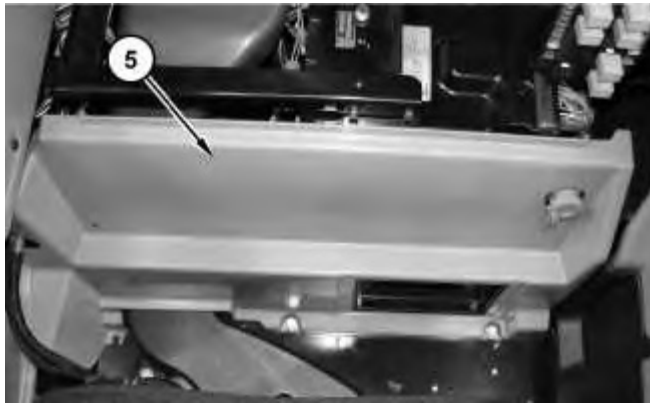


Illustration 4

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4. Remove panels (5) and (6).



Illustration 5

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5. Remove duct (7). Remove frame (8).

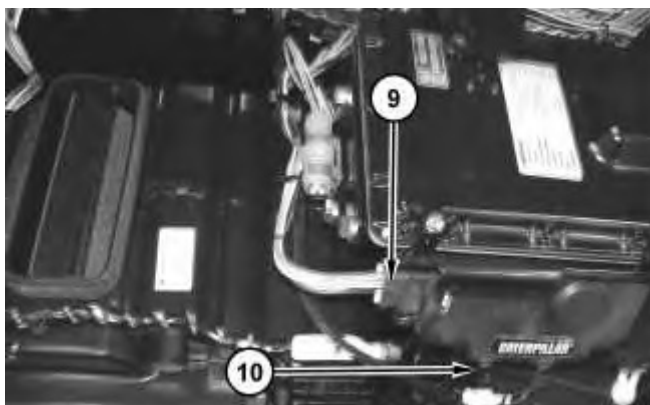


Illustration 6

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6. Disconnect harness assemblies (9). Disconnect antenna leads (10).

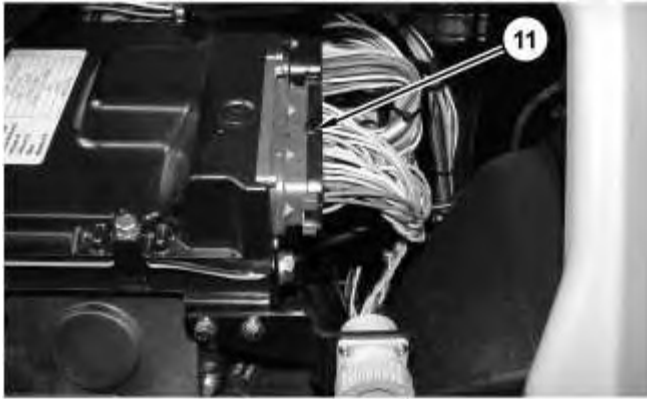


Illustration 7

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7. Disconnect harness assemblies (11).

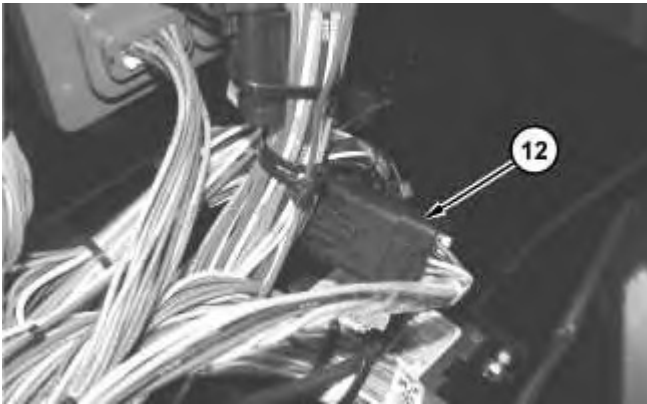


Illustration 8

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8. Disconnect harness assembly (12).



Illustration 9

g02561133

9. Disconnect harness assembly (13).

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