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2006 FORD StreetKa OEM Service and Repair Workshop Manual

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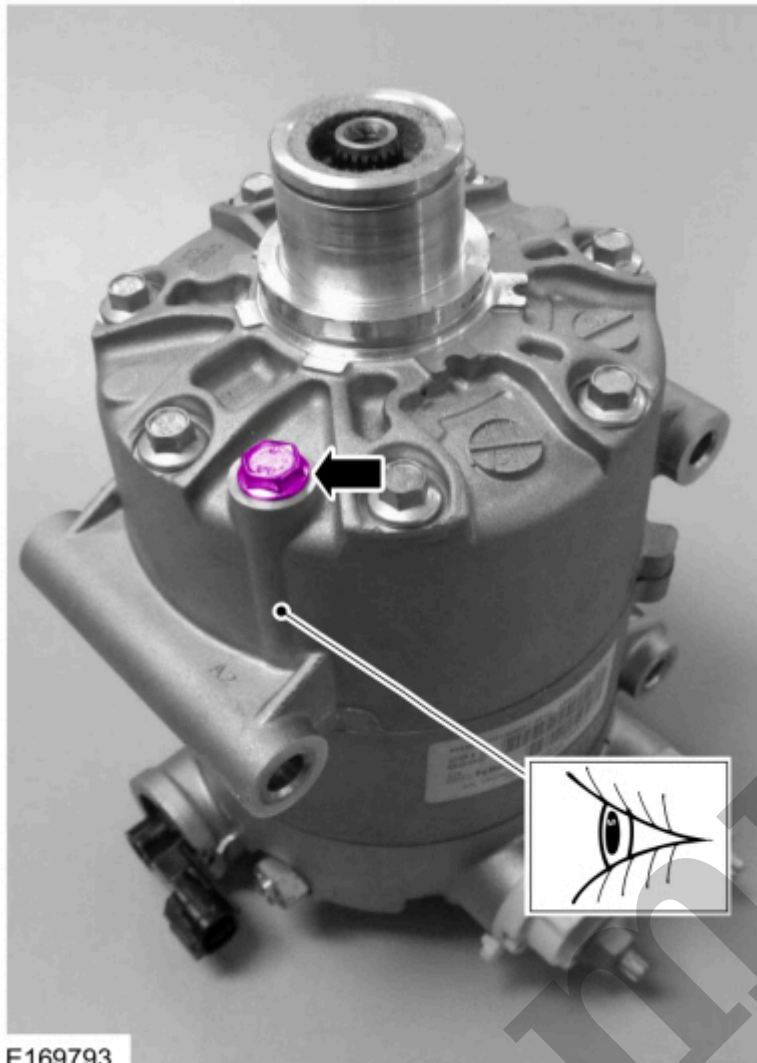
7. Install the oil drain bolt in the old A/C (air conditioning) compressor.



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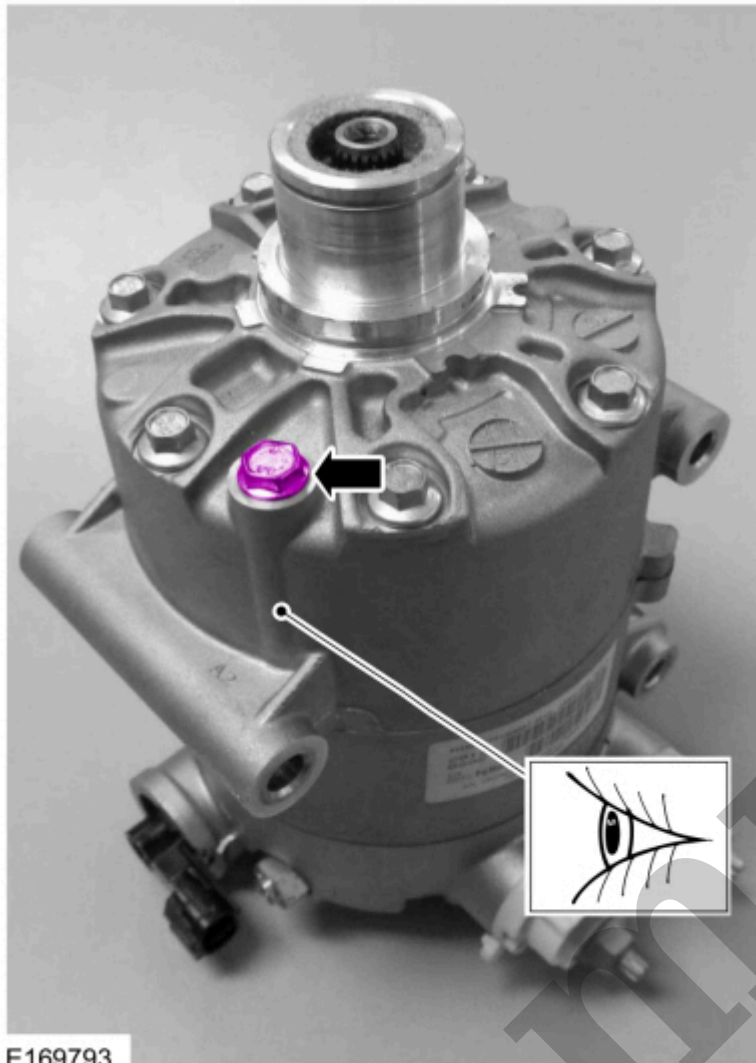
10. Measure the amount of oil drained from the old A/C (air conditioning) compressor and add the same amount of new oil to the new A/C (air conditioning) compressor.
11. Install the oil drain bolt in the new A/C (air conditioning) compressor.

Torque : 177 lb.in (20 Nm)



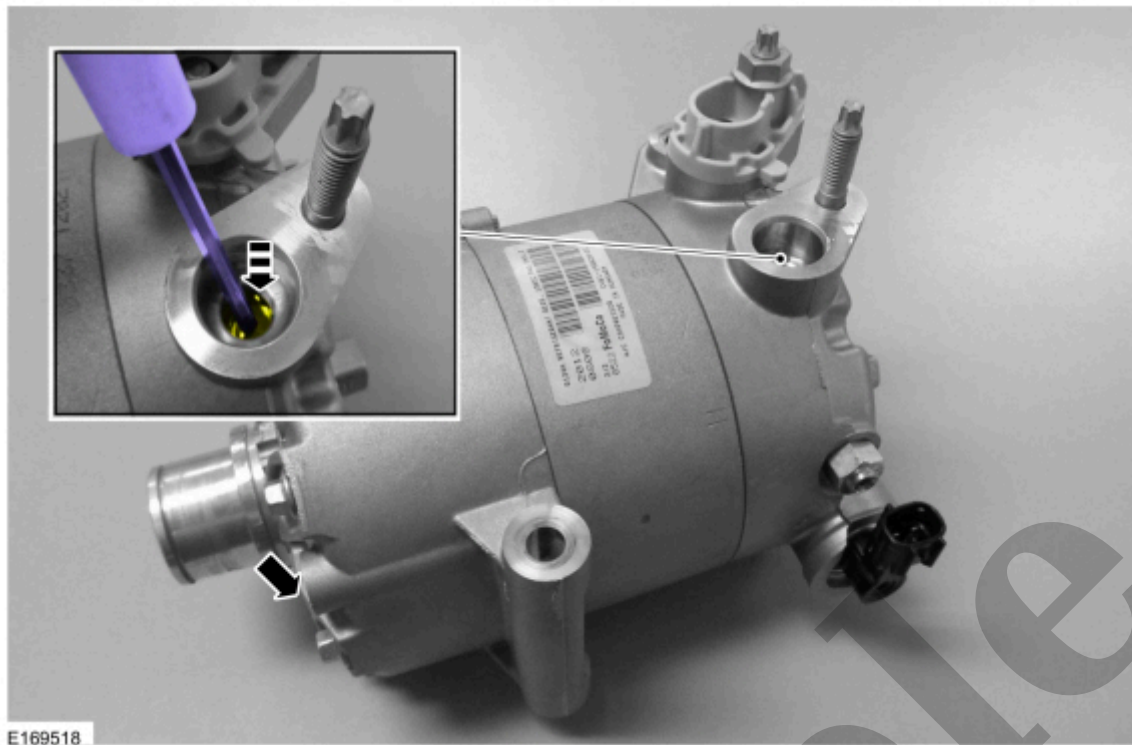
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15. Press the suction damper to allow proper ventilation while draining the oil from the old A/C (air conditioning) compressor.



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18. Remove the A/C (air conditioning) clutch and A/C (air conditioning) clutch field coil from the new A/C (air conditioning) compressor. Refer to Air Conditioning (A/C) Clutch and Air Conditioning (A/C) Clutch Field Coil removal and installation procedure in Group 412.
19. Remove the oil drain bolt from the new A/C (air conditioning) compressor.



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22. Drain the oil from the new A/C (air conditioning) compressor, collecting oil in a clean measuring device.
23. Measure the amount of oil drained for the old A/C (air conditioning) compressor and add the same amount of new oil to the new A/C (air conditioning) compressor.
24. Install the oil drain bolt in the new A/C (air conditioning) compressor.

Torque : 80 lb.in (9 Nm)



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28. Install the oil drain bolt in the old A/C (air conditioning) compressor.



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31. Measure the amount of oil drained for the old A/C (air conditioning) compressor and add the same amount of new oil to the new A/C (air conditioning) compressor.
32. Install the oil drain bolt in the new A/C (air conditioning) compressor.

Torque : 22 lb.ft (30 Nm)



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35. Remove the suction and discharge port seal cap from the new A/C (air conditioning) compressor.

36. **NOTICE**

Make sure the new A/C (air conditioning) compressor shaft is rotating and not just the A/C (air conditioning) pulley.

Tilt the new A/C (air conditioning) compressor on an angle and rotate the new A/C (air conditioning) compressor clutch 6 to 8 revolutions while collecting oil in a clean measuring device from the A/C (air conditioning) compressor discharge port.

facility that carried out the last A/C (air conditioning) service. If the customer wishes to pay the additional cost, use the A/C (air conditioning) recovery equipment that is designated for recovering contaminated A/C (air conditioning) refrigerant. Dispose of all contaminated A/C (air conditioning) refrigerant as hazardous waste. For all equipment, follow the manufacturer's instructions.

NOTICE

For vehicles equipped with R-1234yf refrigerant, Motorcraft® R-1234yf Refrigerant PAG Oil (YN-35) only must be used as a refrigerant system lubricant. Addition of any oil other than Motorcraft® R-1234yf Refrigerant PAG Oil (YN-35) to the refrigerant system will damage the A/C (air conditioning) compressor and contaminate the refrigerant system.

NOTICE

For vehicles equipped with R-134a refrigerant, Motorcraft® PAG Refrigerant Compressor Oil (YN-12-D) only must be used as a refrigerant system lubricant. Addition of any oil other than Motorcraft® PAG Refrigerant Compressor Oil (YN-12-D) to the refrigerant system will damage the A/C (air conditioning) compressor and contaminate the refrigerant system.

NOTICE

During normal A/C (air conditioning) operation, oil is circulated through the system with the refrigerant, and a small amount is retained in each component. If certain components of the system are removed, some of the refrigerant oil will go with the component. To maintain the original total oil charge, it is necessary to compensate for the oil lost by adding oil to the system with the new part.

NOTICE

Make sure the equipment is clean and free of foreign material.

REFER to the chart above for refrigerant oil adding amounts and methods of installation.