

Component Procedures: Condenser HVAC

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Component Procedures: Condenser HVAC

Parts and Labor (itype_189)

Parts

Qualifier	Part #	Name	Price	Note
Condenser	23456530	Condenser	345.74	

Labor

Operation	Qualifier Path	Skill	Std Hrs	Wty Hrs
Remove & Replace	Condenser > Condenser, R&R	B	1.8	1.2

Air Conditioning Condenser Replacement (LFX) (Article 12711)

Removal Procedure

- Recover the refrigerant . Refer to Refrigerant Recovery and Recharging
- Remove the radiator. Refer to Radiator Replacement
- Disconnect the air conditioning compressor hose from the condenser . Refer to Air Conditioning Compressor Hose Replacement

Disconnect the air conditioning evaporator thermal expansion valve tube from the condenser. Refer to Air Conditioning Evaporator Thermal Expansion Valve Tube Replacement

- Disconnect the power steering gear outlet hose form the power steering cooler. Plug the power steering cooler. Plug the power steering gear outlet hose. Refer to Power Steering Gear Outlet Pipe/Hose Replacement
- Disconnect the power steering fluid cooler outlet hose from the power steering cooler. Plug the power steering cooler outlet hose. Refer to Fluid Cooler Outlet Hose Replacement
- Remove the air conditioning condenser bolts (1). Click for full-size image
- Remove the air conditioning condenser (2).

Installation Procedure

- Install the air conditioning condenser (2). Click for full-size image
- Install the air conditioning condenser bolts (1) and tighten to 9 Nm (80 lb in) .
- Plug the outlet of the power steering fluid cooler.
- Remove the plug from the power steering gear outlet hose and connect it to the condenser inlet. Secure using the clamp. Refer to Power Steering Gear Outlet Pipe/Hose Replacement
- Remove plug from cooler outlet hose. When fluid begins to flow from the hose, cap the hose using your thumb/finger. Remove the cap on the cooler and when fluid starts to flow from the cooler, connect the hose to the cooler. Secure using clamp. Refer to Fluid Cooler Outlet Hose Replacement
- Connect the air conditioning evaporator thermal expansion valve tube to the condenser. Refer to Air Conditioning Evaporator Thermal Expansion Valve Tube Replacement
- Connect the air conditioning compressor hose to the condenser. Refer to Air Conditioning Compressor Hose Replacement
- Install the radiator. Refer to Radiator Replacement
- Evacuate and charge the refrigerant system. Refer to Refrigerant Recovery and Recharging
- Bleed the power steering system. Refer to Power Steering System Bleeding