

# 1997 Ford E-150 ECONOLINE

Submodel: | Engine Type: V8 | Liters: 4.6

Fuel Delivery: FI | Fuel: GAS

Section 412-02: Heating/Defrosting 1997 Econoline Workshop Manual

## REMOVAL AND INSTALLATION

### Hoses — Heater Water

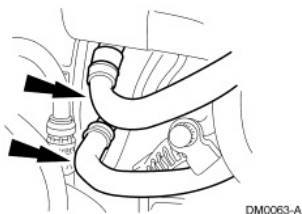
#### Removal

**NOTE:** This procedure is typical of removal and installation of the heater water hoses. The removal and installation of the heater water hoses is the same for all Econoline vehicles.

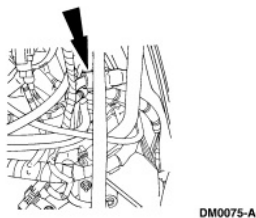
1. **WARNING: THE ENGINE MUST BE OFF, FULLY COOL AND THE COOLING SYSTEM FULLY DEPRESSURIZED BEFORE ATTEMPTING TO DISCONNECT ANY HEATER WATER HOSES. FAILURE TO COMPLY WITH THIS WARNING CAN RESULT IN SERIOUS INJURY OR BURNS FROM HOT LIQUID ESCAPING OUT OF THE ENGINE COOLING SYSTEM.**

Drain the cooling system. Refer to Section 303-03 .

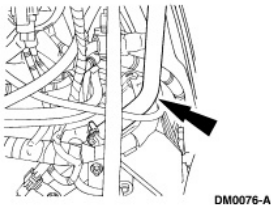
2. Disconnect the quick disconnect heater water hose couplings at the heater core. Refer to Couplings — Quick Disconnect Heater Water Hose in the Removal and Installation portion of this section.



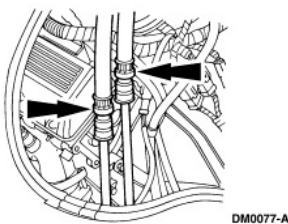
3. Remove the engine cover.
4. Disconnect the supply heater water hose at the engine.



5. Disconnect the return heater water hose at the engine.



6. **NOTE:** This step must be performed if the vehicle is equipped with an auxiliary A/C-heater system.  
Disconnect the quick disconnect heater water hose couplings from the heater water hoses. Refer to Couplings — Quick Disconnect Heater Water Hose in the Removal and Installation portion of this section.



7. Remove the heater water hoses.

## Installation

1. Follow the removal procedure in reverse order.
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