

## Heater Hose: Service and Repair

### Heater Hose Couplings



Heater Hose Disconnect Tool

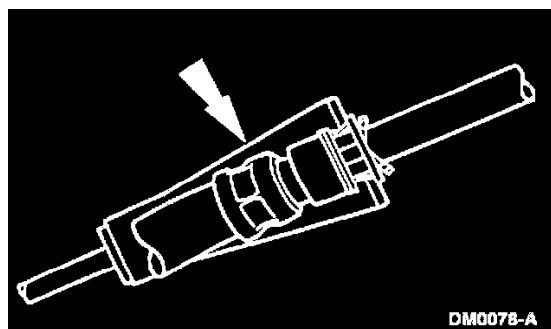
#### SPECIAL TOOL(S)

#### DISCONNECT

1. Depressurize the engine cooling system.

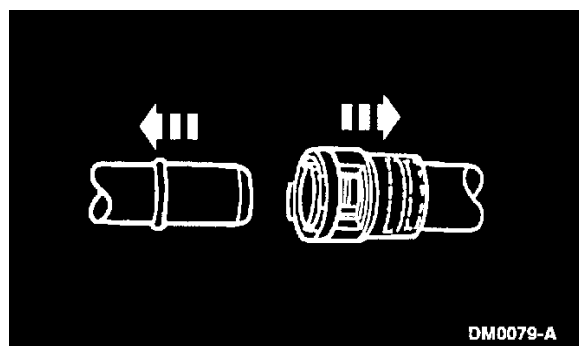
**WARNING: THE ENGINE MUST BE OFF, FULLY COOL AND THE COOLING SYSTEM FULLY DEPRESSURIZED BEFORE ATTEMPTING TO DISCONNECT ANY HEATER WATER HOSES. FAILURE TO COMPLY WITH THIS WARNING CAN RESULT IN SERIOUS INJURY OR BURNS FROM HOT LIQUID ESCAPING OUT OF THE ENGINE COOLING SYSTEM.**

2. Push the heater water hose toward the tube to fully expose the locking tabs.



3. Push the Heater Hose Disconnect Tool over the coupling retainer windows to compress the retainer locking tabs.

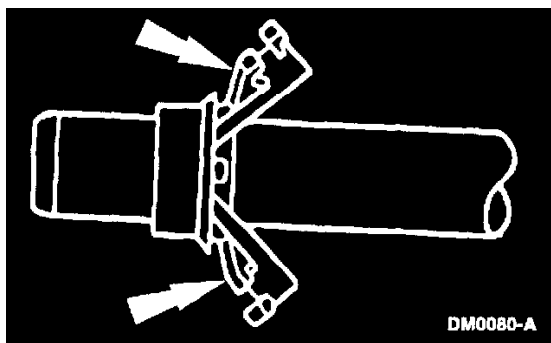
**NOTE:** When compressing the white coupling retainer, the Heater Hose Disconnect Tool must be perpendicular to and on the highest point of the coupling.



4. Pull the heater water hose away from the heater core tube.

**NOTE:** A slight twisting motion while pulling on the heater water hose may be necessary to assist in the removal.

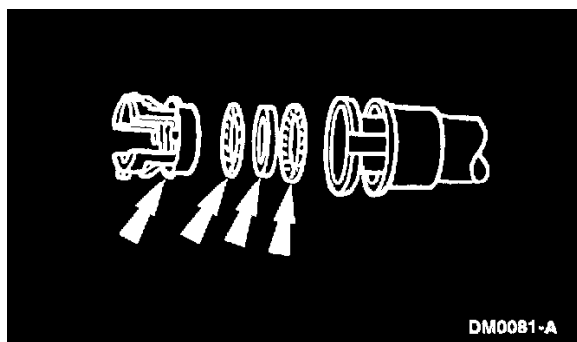
5. Plug the heater water hose.
6. Remove the white coupling retainer from the tube.



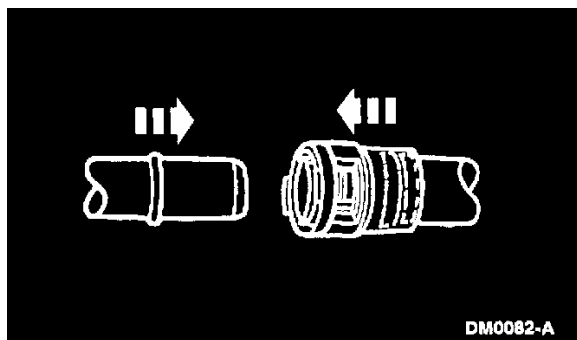
7. Spread the retainer tabs apart and slide the retainer off the tube.
8. Discard the retainer.

#### CONNECT

1. Clean the tubes and lubricate with Ford Rubber Suspension Insulator Lube E25Y-19553-A or equivalent meeting Ford specification ESR-M99B112-A.



2. Install a new coupling retainer, spacer, and lubricated O-ring seals into the quick disconnect coupling housing.



3. Push the heater water hose with a quick disconnect coupling onto the tube.
4. Make sure the coupling is fully engaged by lightly pulling on the heater water hose.