

## Fuel Line Coupler: Service and Repair

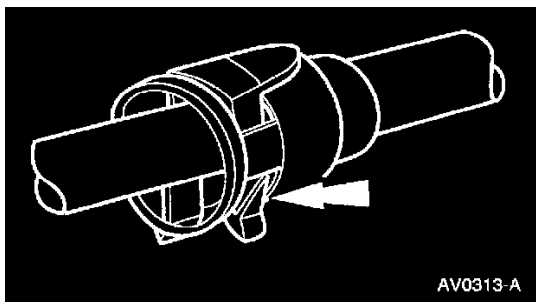
### Hairpin Clip Fitting

#### DISCONNECT

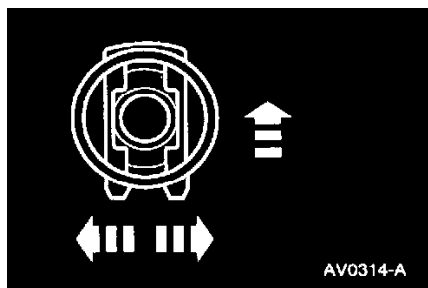
#### WARNING:

- DO NOT SMOKE OR CARRY LIGHTED TOBACCO OR OPEN FLAME OF ANY TYPE WHEN WORKING ON OR NEAR ANY FUEL-RELATED COMPONENT. HIGHLY FLAMMABLE MIXTURES ARE ALWAYS PRESENT AND CAN BE IGNITED, RESULTING IN POSSIBLE PERSONAL INJURY.
- FUEL IN THE FUEL SYSTEM REMAINS UNDER HIGH PRESSURE EVEN WHEN THE ENGINE IS NOT RUNNING. BEFORE REPAIRING OR DISCONNECTING ANY OF THE FUEL LINES OR FUEL SYSTEM COMPONENTS, THE FUEL SYSTEM PRESSURE MUST BE RELIEVED TO PREVENT ACCIDENTAL SPRAYING OF FUEL, CAUSING PERSONAL INJURY OR A FIRE HAZARD.

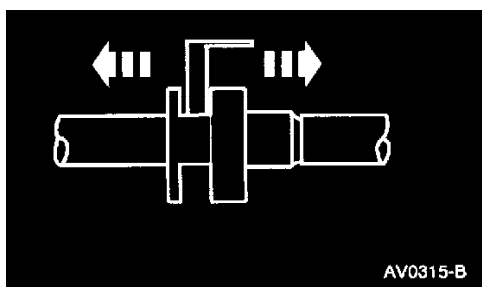
**CAUTION:** Do not use any tools. The use of tools may cause a deformity in the clip components which may cause fuel leaks.



1. Relieve the fuel pressure.
2. Remove the shipping tab by bending it downward.



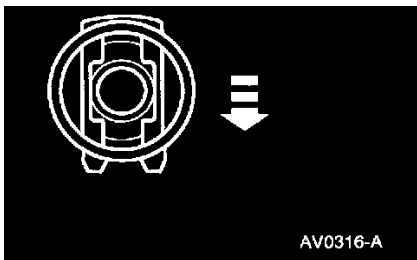
3. Spread the hairpin clip legs and push the clip into the fitting.



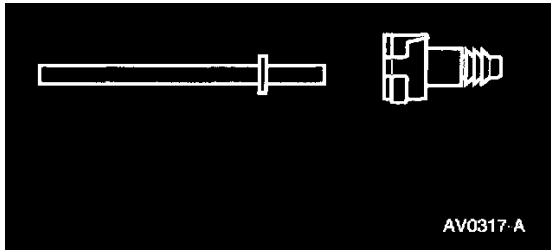
4. Separate the fitting from the tube.

#### CONNECT

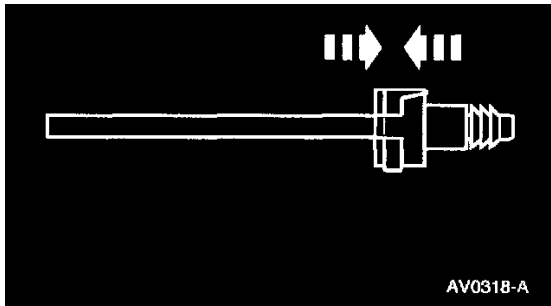
1. Inspect the fitting and the tube for damage. Remove any dirt or obstructions.
2. Apply a light coat of clean engine oil to the male tube end.



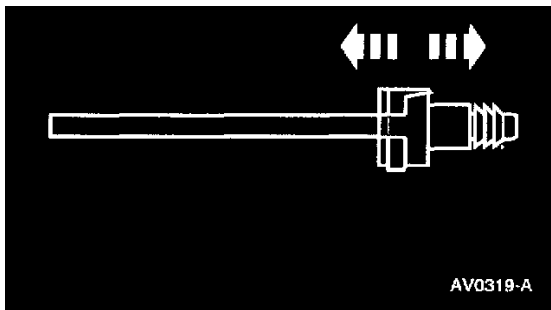
3. Insert the hairpin clip into the fitting.



4. Align the tube and the fitting.



5. Insert the tube in the fitting and push together until a click is heard.



6. Pull on the connection to make sure it is fully engaged.