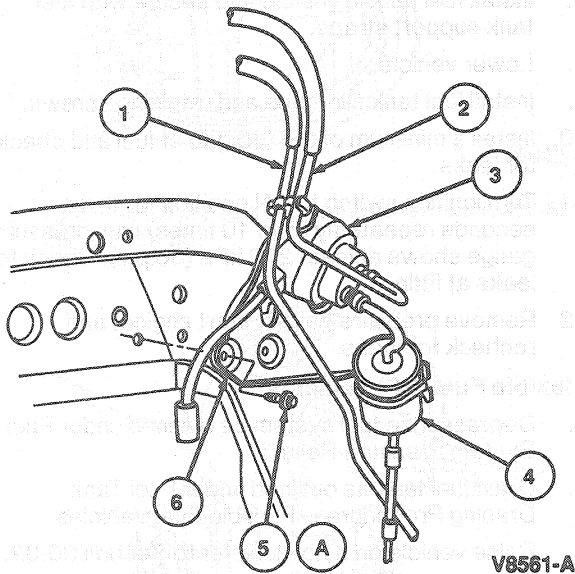


## REMOVAL AND INSTALLATION (Continued)

**Flexible Fuel Mixer / Sensor Assembly****Removal and Installation**

1. Depressurize fuel system as outlined under Fuel System Pressure Relief.
2. Remove upper and lower supply line quick disconnect secondary retaining clips from fittings. Disconnect fuel lines from flexible fuel (FF) sensor (9C044).
3. Remove flexible fuel (FF) sensor (9C044) bracket retaining screws and remove.
4. To install, reverse Removal procedures. Tighten fuel and vapor return tube (9J279) retaining screws to 5.2-7.2 N·m (47-63 lb-in). Start engine and check for fuel leaks.



Item	Part Number	Description
1	9J279	Fuel and Vapor Return Tube
2	9J285	Fuel Supply Line
3	9C044	Flexible Fuel Sensor
4	9S301	Fuel Mixer Assy
5A	W611081-S56	Screw (2 Req'd)
6	9D319	Fuel Sensor Bracket
A		Tighten to 8-11.5 N·m (6-8 Lb-Ft)

**Fuel Filter****Tools Required:**

- EFI and CFI Fuel Pressure Gauge T80L-9974-B

**Removal**

**WARNING: BECAUSE OF THE COMBUSTION CHARACTERISTICS OF GASOLINE, ALWAYS USE EXTREME CARE WHEN REMOVING AND INSTALLING ANY FUEL SYSTEM COMPONENT.**

1. Depressurize fuel system as outlined in Fuel System Pressure Relief.
2. Remove push connect fittings at both ends of the fuel filter as outlined.
3. Install retainer clips in each connect fitting.  
NOTE: The flow arrow direction should be positioned forward and downward to ensure proper flow of fuel through replacement fuel filter.
4. Remove fuel filter from bracket by loosening worm gear mounting clamp enough to allow fuel filter to pass through.

**Installation**

1. Install fuel filter in bracket, ensuring proper direction of flow as noted earlier. Locate the fuel filter against tab at lower end of bracket.
2. Install push connect fittings at both ends of fuel filter as outlined.
3. Tighten worm gear mounting clamp to 1.7-2.8 N·m (15-25 lb-in).
4. Start engine and inspect for leaks.

**Fuel Pump and Sender Assembly****Unleaded Gasoline Vehicles****Tools Required:**

- Fuel Tank Sender Wrench D84P-9275-A
- Rotunda Fuel Storage Tanker 034-00002
- Rotunda Adapter Hose 034-00012

**Removal**

1. Place vehicle on hoist, do not raise.
2. Depressurize fuel system as outlined in Fuel System Pressure Relief.
3. Drain fuel from fuel tank through fuel tank filler pipe using Rotunda Fuel Storage Tanker 034-00002 and Adapter Hose 034-00012 or equivalent.
4. Raise vehicle on hoist.
5. Disconnect and remove fuel tank filler pipe.
6. Support fuel tank and remove fuel tank support straps. Lower fuel tank partially and remove fuel lines, electrical connectors and vent lines from tank. Remove fuel tank to bench.
7. Remove any dirt that has accumulated around fuel pump retaining flange so that it will not enter fuel tank during removal and installation.
8. Turn fuel pump locking retainer ring (9C385) counterclockwise using Fuel Tank Sender Wrench D84P-9275-A or an equivalent and remove fuel pump locking retainer ring.
9. Remove fuel tank sending unit and pump.
10. Remove seal gasket and discard.