

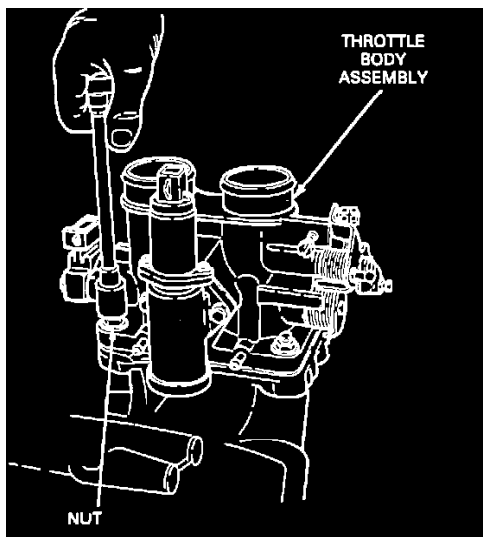
## Throttle Body: Service and Repair Removal and Installation

### REMOVAL

1. Disconnect the throttle and transmission linkage (A/T) at the throttle ball.

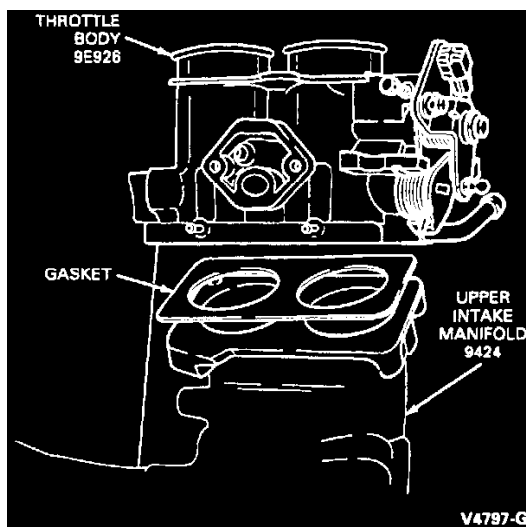
**CAUTION:** When disconnecting throttle cable from ball stud, use a screwdriver or similar tool close to the stud and pry slowly. Pulling by hand may damage the cable.

2. Disconnect the throttle position sensor and idle air control valve connectors.



**Throttle Body Assembly**

3. Remove the four throttle body bolts.
4. Carefully separate the air throttle body from the upper intake manifold.



**Throttle Body Assembly**

5. Remove and discard gasket between the throttle body and the upper intake manifold.

### INSTALLATION

1. Ensure that both throttle body and upper intake manifold gasket surfaces are clean.

**NOTE:** If scraping is necessary, be careful not to damage gasket surfaces of throttle body and upper manifold assemblies, or allow material to drop into manifold.

