

 Throttle body and gasket(s) from upper intake manifold and/or throttle heater. Discard gasket(s)

# Clean

 Gasket surface on upper intake manifold, throttle heater and throttle body assembly.

#### ++ Install or Connect

- 1. New flange gasket(s)
- 2. Four throttle body attaching bolts

# (2) Tighten

- Attaching bolts alternately to 20 N·m (15 lbs. ft.)
- 3. Throttle, TV and cruise control cables
- 4. Vacuum lines
- 5. ISC and TPS electrical connectors
- Air inlet duct.

### IDLE SPEED CONTROL (ISC)

#### Refer to Figure 6E-C2-19

## ++ Remove or Disconnect

- Electrical connector
- ISC attaching nuts and lock washers
- ISC assembly from mounting bracket

# 9 Important

The ISC motor is calibrated at the factory and NO ATTEMPT should be made to disassemble the unit. DO NOT IMMERSE THE ISC IN ANY TYPE OF CLEANER AND ALWAYS REMOVE BEFORE THROTTLE BODY CLEANING AND SERVICING of components. Immersion in cleaner will damage the ISC unit.

#### → ← Install or Connect

1. Position ISC to the mounting bracket

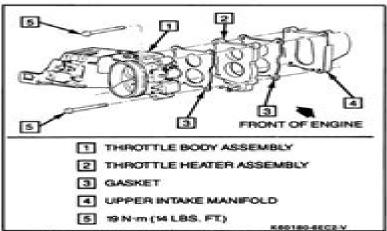


Figure 6E-C2-18 Throttle Body and Heater

- 2. Lock washers and attaching nuts
- 3. Electrical connector

## (2) Tighten

Attaching nuts to 3.7 N·m (33 lbs. in.)



#### Adjust

 Adjust ISC motor as described in "Minimum Air, Throttle Position Sensor and ISC Motor Adjustments."

#### THROTTLE POSITION SENSOR (TPS)

#### Refer to Figure 6E-C2-19

#### ++ Remove or Disconnect

- Electrical connector
- 2. Two TPS attaching screws and retainers
- 3. Throttle position sensor

#### ++ Install or Connect

- With both throttle valves in the normal closed idle position, install the Throttle Position Sensor on the throttle body assembly, making sure the TPS pickup lever engages the TPS drive lever on the throttle shaft.
- Install two new TPS attaching screws with retainers. DO NOT tighten screws until TPS is adjusted.
- Electrical connector.

# Adjust

 See "Minimum Air, Throttle Position Sensor and ISC Motor Adjustments".

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**DJ Losen** 

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