



## SERVICE PARTS INSTALLATION AND ADJUSTMENT INSTRUCTIONS

**WARNING!** To preserve the warranty, instructions must be read and followed thoroughly and completely, before and during installation.

**DESCRIPTION:** Idle Air Control (I.A.C.) Kit

**NOTE:** Holley cannot and will not be responsible for any alleged or actual engine or other damage or other conditions resulting from misapplication of the service part described herein.

### REMOVAL:

1. Remove air cleaner.
2. Disconnect electrical connection from idle air control assembly.
3. Remove IAC assembly from the throttle body, using a 32mm (1.25") wrench on the hex surface.
4. Discard old gasket from assembly. (Some early Model 300 IAC assemblies used 2 gaskets. Replacement IAC packages have 1 gasket.) Any residue of thread locking compound on the IAC threads should be allowed to remain.

### INSTALLATION:

**NOTICE:** Before installing new idle air control assembly, measure the distance that the conical valve is extended (see Figure 1). Measurement should be made from motor housing to end of cone (distance should be no greater than 32mm). If the cone is extended too far, damage may occur to the motor when installed. If necessary, push on the end of the cone, until it is in retracted position.

1. Install new idle air control assembly to throttle body. Use the new gasket supplied with the assembly. Tighten the motor to 18 N m (13 ft/lb).
2. Reconnect electrical connection to idle air control assembly. Install air cleaner.
3. Start engine and allow engine to reach operating temperature. On manual transmission vehicles, idle speed will be controlled when operating temperature is reached. On automatic transmission vehicles, engage the transmission in DRIVE when operating temperature is reached. This will allow ECM to control idle speed.

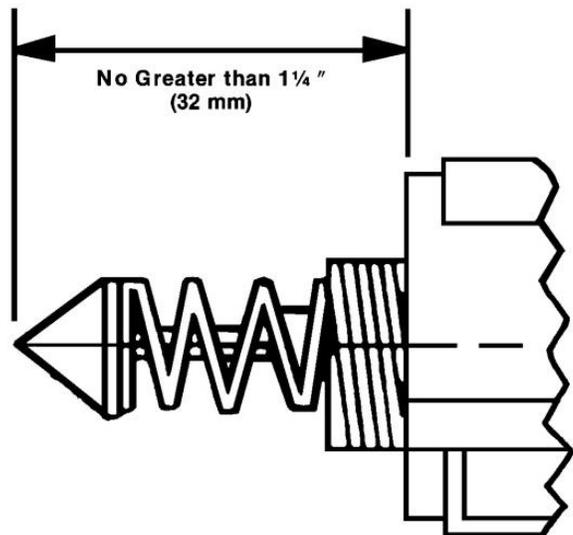


Figure 1

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