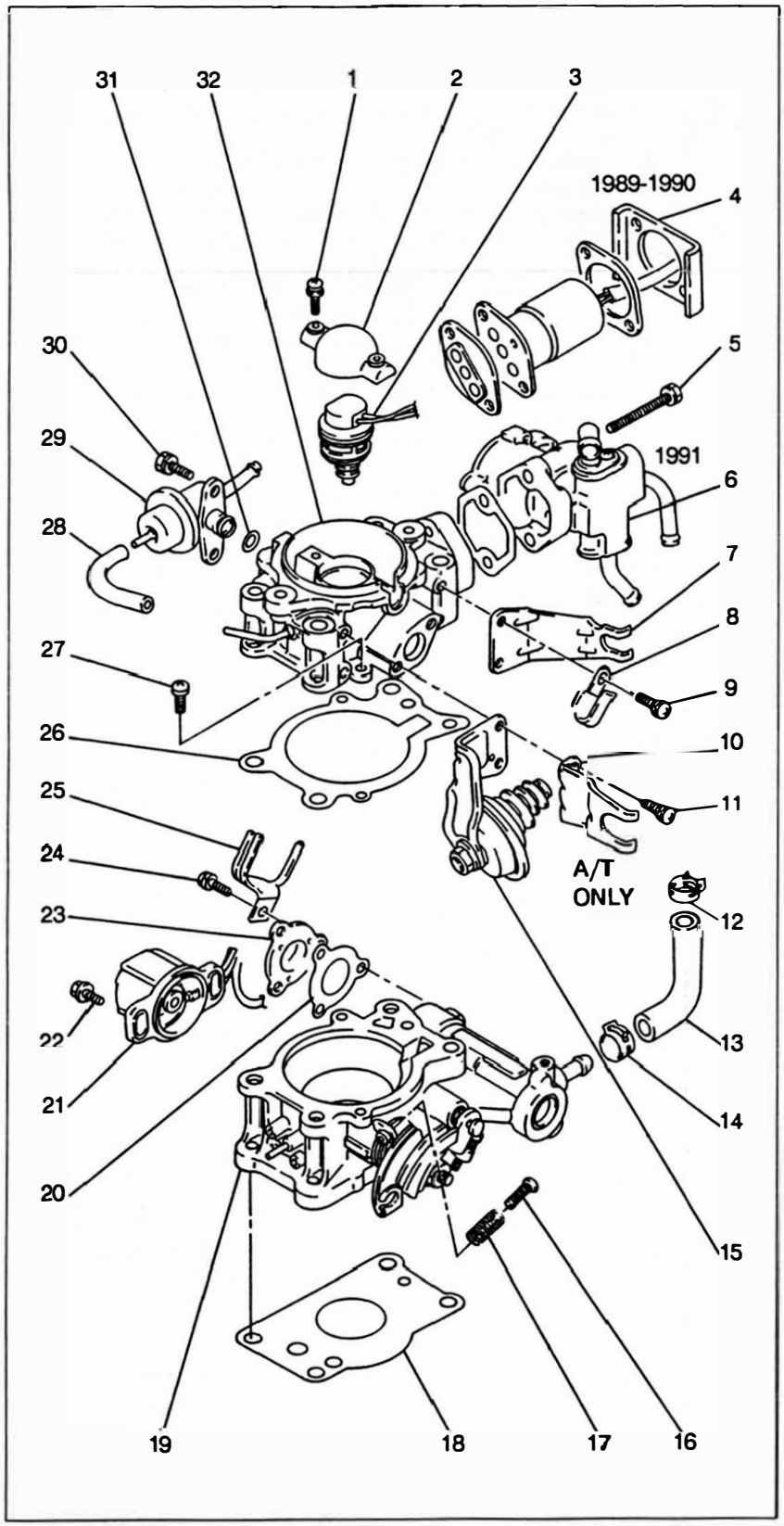
*1991 TECHLIT CO.
PRINTED IN U.S.A.

INSTRUCTION SHEET

OFF VEHICLE THROTTLE BODY INJECTION (TBI) SERVICE GEO TRACKER AND SUZUKI SIDEKICK '89-91 SUZUKI SAMURAI '90-91

GENERAL EXPLODED VIEW
ACTUAL UNITS MAY VARY



1. **PREPARATION.**

WARNING

To reduce the risk of fire, it is necessary to relieve the fuel system pressure before disconnecting fuel lines.

A. Disconnect fuel pump. (Follow Manufacturers service procedures.)
B. Start engine.
C. After engine stalls, crank for 5-10 seconds.
D. Turn ignition off.
E. Remove TBI assembly.

2. **DISASSEMBLY.**

NOTE

Do not disassemble throttle shaft assembly unless replacement is necessary.

A. Remove the screws (1) and lift cover (2) straight up.
B. Gently lift injector assembly (3) out of the metering body (32).
C. Remove the screws (5) and throttle body solenoid (6) for 1991 or (4) for 1989-1990.
D. Remove the vacuum hose (28), screws (30) and pressure regulator (29).
E. Remove the o-ring (31) from pressure regulator.
F. Remove the screws (11) and throttle depression bracket (15). Remove throttle bracket (10) on automatic transmissions (A/T) only.
G. Remove the screws (9) solenoid clip (8) and solenoid clip bracket (7).
H. Remove the screws (27) lift metering body (32) from throttle body (19) and remove the gasket (26).
I. Remove the clamps (12 and 14) and outlet hose (13).
J. Scribe a mark on the mounting flanges for reassembly reference and remove the screws (22) and throttle position sensor (TPS) (21).
K. Remove the screws (24), clip (25), throttle body cover (23) and gasket (20).
L. Remove the idle adjustment screw (16) and spring (17).
M. Remove the flange gasket (18).

3. **CLEANING.**

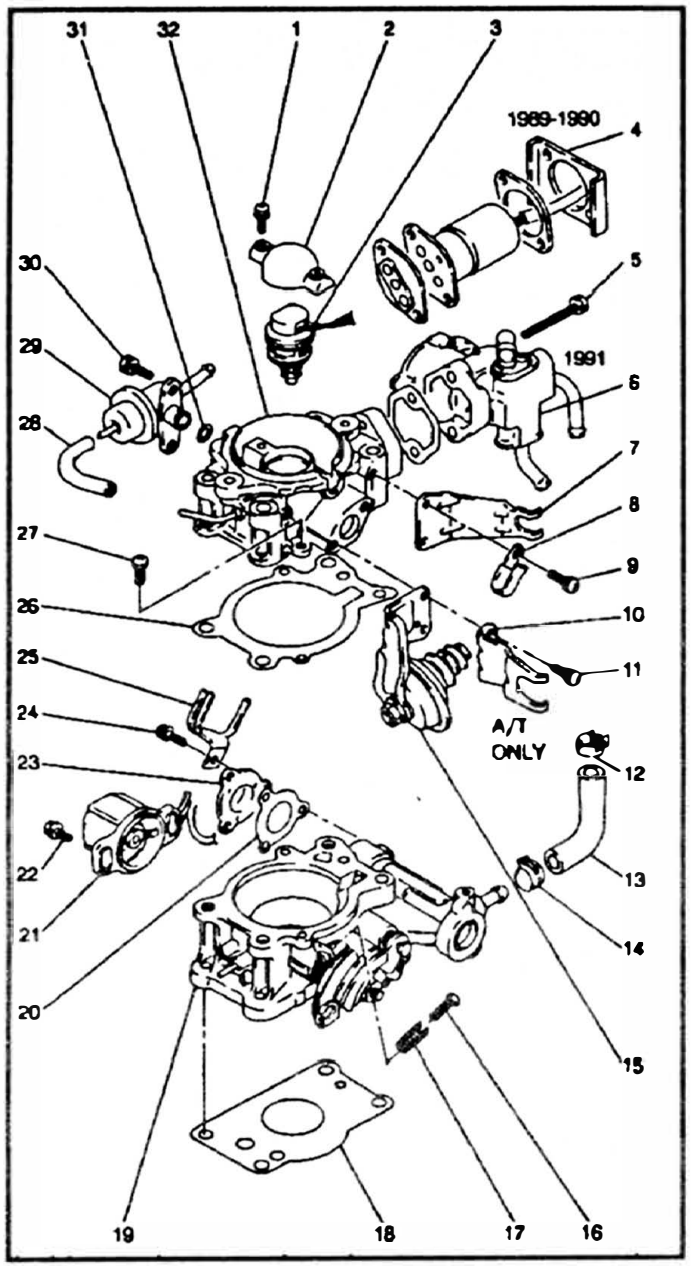
CAUTION

Cleaning must be done with unit disassembled. Do not immerse throttle body in any type of cleaning solvent. Damage to the shaft seals and bearings will result.

Do not use solvent or cleaner on cap and harness, injector, pressure regulator, temperature sensor, or throttle position sensor.

A. Clean passages and parts with a spray carburetor cleaner. Be sure to remove all carbon deposits.
B. Wash off with suitable solvent and use compressed air to blow out all passages.

(Over)



4. REASSEMBLY.

NOTE

If flange mount uses a heater unit, clean block thoroughly and use one gasket above and one gasket below the heater block.

A. Install the flange gasket (18).
B. Install spring (17) onto idle adjustment screw (16) and screw into throttle body (19) by turning clockwise.
C. Position throttle body cover (23), clip (25) and secure in place with the screws (24).
D. Position TPS (21) by pushing straight down with a suitable tool to seat into the throttle body (19) according to the scribe marks and secure in place with the screws (22).
E. Position outlet hose (13) and secure with the clamps (12 and 14).
F. Install gasket (26) and position metering body (32) onto throttle body (19) and secure in place with the screws (27).
G. Position solenoid clip bracket (7), solenoid clip (8) and secure in place with the screws (9).
H. Position throttle depression bracket (15) and throttle bracket (10) for A/T only. Secure with the screws (11).
I. Coat the o-ring (31) with silicone oil and install onto pressure regulator (29).
J. Position pressure regulator (29) and secure in place with the screws (30).
K. Install vacuum hose (28) onto the pressure regulator.
L. Position throttle body solenoid (4 or 6) and secure in place with the screws (5).
M. Gently lower injector assembly (3) into the metering body (32).
N. Position cover (2) and secure with the screws (1).