## TROUBLESHOOTING Basic Troubleshooting

- 1. Troubleshooting occuring with the automatic transmission can be caused by either the engine, electrical control or the transmission itself. These three areas should be distinctly isolated before proceeding with troubleshooting.
- 2. Troubleshooting should begin with the simplest operation, working up in order or difficulty, but first determine whether the trouble lies within the engine, electrical control or transmission.
- 3. Proceed with the inspection as follows:

## PRELIMINARY CHECK (See page AT-14)

- (a) Check the tire inflation.
- (b) Check the idle speed.
- (c) Check the fluid level and fluid condition.
- (d) Check the throttle cable mark.
- (e) Check the shift linkage.
- (f) Check the Park/Neutral Position Switch.

STALL TEST (See page AT-20)

Check the engine and torque converter clutch.

TIME LAG TEST (See page AT-21)

Check the automatic transmission (each clutch, brake and gear) for wear

## HYDRAULIC TEST (See page AT-22)

Measure the line pressure and make basic check of fluid circuit.

ROAD TEST (See page AT-24)

Confirm if trouble lies within automatic transmission. If noisy or vibrating, the possible cause could be with the engine, drive shaft, tires, etc.

(No up-shift to overdrive/No down-shift from overdrive)

OVERDRIVE CONTROL SYSTEM CHECK (See page AT-16)