**SYMPTOM 10 - None or harsh engagement of direct drive clutch**

**NOTE: The direct drive clutch will only engage if 4th gear is engaged at 40 to 45 mph.**

Carry out road test pressure check with gauge connected to torque converter.

- œ Normal pressure
  - FAULT - Failed direct drive clutch
- œ Pressures correct but remains high
  - FAULTS POSSIBLE -
  - Direct drive clutch and torque converter control valve stuck
  - Hysteresis valve stuck
  - Direct drive clutch control valve stuck

**SYMPTOM 11 - Direct drive clutch shift point incorrect or at low speed**

**NOTE: Direct drive clutch engagement at low speed will cause vibration in the torque converter**

Carry out mainline and torque converter pressure check

- œ Normal pressure
  - FAULT - Governor valve sticking
- œ Low or incorrect pressure
  - FAULTS POSSIBLE -
  - Direct drive clutch and torque converter control valve sticking.
  - Hysteresis valve stuck.
  - Direct drive clutch control valve stuck.

**SYMPTOM 12 - Drives in 'D' but immediately upshifts to 3rd**

FAULT - 2nd to 3rd shift valve stuck.

**SYMPTOM 13 - With 'D' selected vehicle starts in 2nd**

FAULTS POSSIBLE -
1st and 2nd shift valve stuck.
Governor sleeve sticking.

**SYMPTOM 14 - With 'D' selected vehicle starts in 3rd**

FAULTS POSSIBLE -
1st to 2nd and 2nd to 3rd shift valves stuck.
Governor sleeve sticking.

**SYMPTOM 15 - No kickdown 4th to 3rd**

FAULT - 4th to 3rd kickdown valve stuck.

**SYMPTOM 16 - Upshifts/downshifts and kickdown shifts at incorrect road speeds**

Check throttle kickdown cable adjustment
Carry out main line pressure check

- œ Normal pressure
  - FAULT - Governor valve sticking
- œ Incorrect pressure
  - FAULTS POSSIBLE -
  - Incorrect throttle valve adjustment
  - Primary regulator sticking

**SYMPTOM 17 - No upshifts at light throttle**

FAULTS POSSIBLE
Governor valve sticking
Shift valves sticking

**SYMPTOM 18 - No engine braking '3' selected 3rd gear**

FAULT - Clutch 'C'

**SYMPTOM 19 - Delayed or no downshift occurs when making a manual selection from '3' to '2'**

FAULTS POSSIBLE -
2nd and 3rd upshift valve sticking.
Governor valve sticking.
'2' Position interlock valve sticking.

**SYMPTOM 20 - At speeds below 28 mph when making a manual selection from '2' to '1', downshift is delayed or does not occur**

FAULTS POSSIBLE -
Governor sticking.
1st to 2nd shift valve sticking.
'1' Position interlock valve sticking.

**SYMPTOM 21 - '1' Selected 1st gear no engine braking**

FAULT - Clutch brake 3

**SYMPTOM 22 - '2' Selected 2nd gear no engine braking**

FAULT - Clutch brake 1

**SYMPTOM 23 - Vehicle drives forward in 'N'**

FAULT - Clutch 'A' stuck