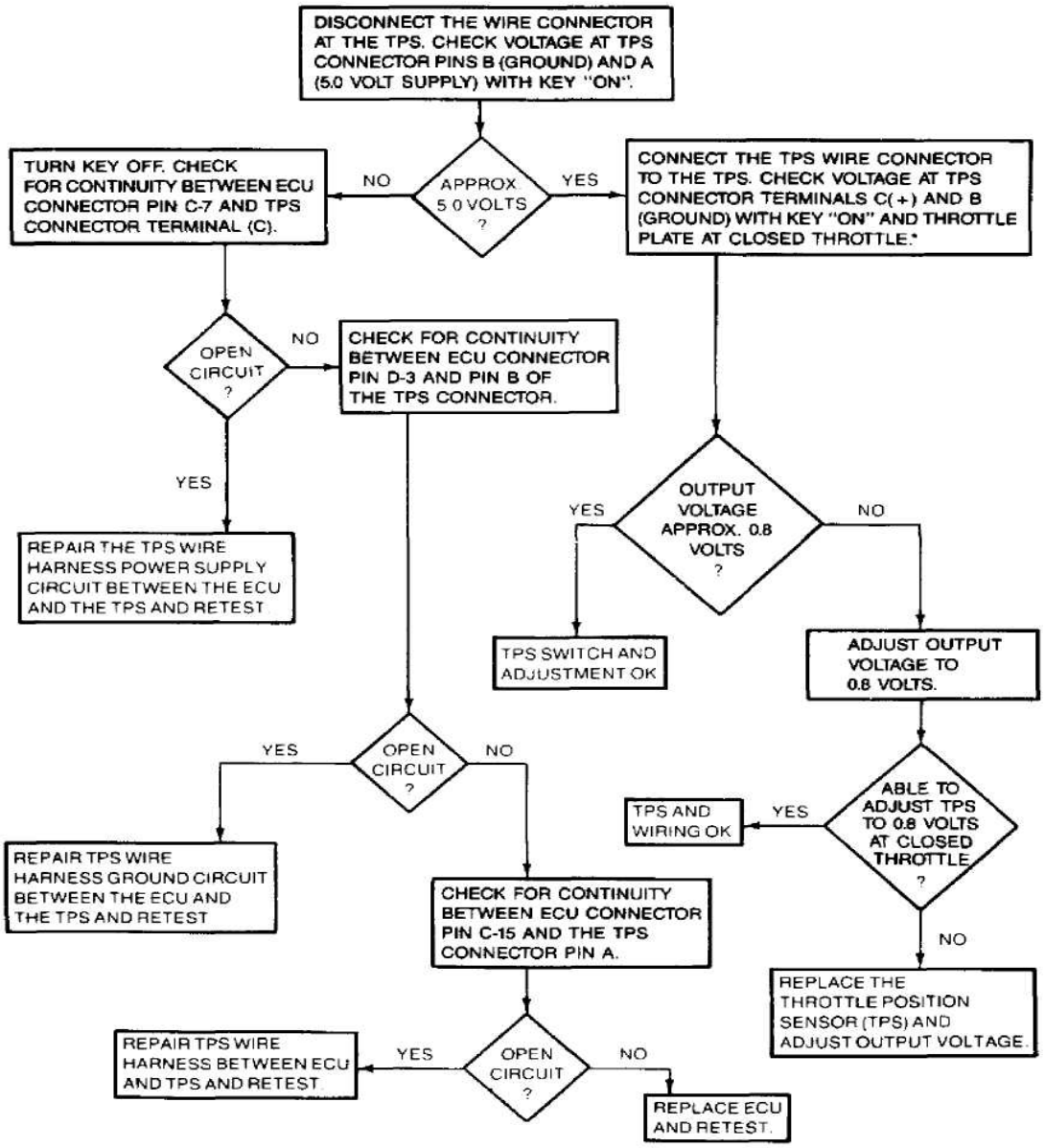
DISCONNECT THE WIRE CONNECTOR AT THE TPS. CHECK VOLTAGE AT TPS CONNECTOR PINS B (GROUND) AND A (5.0 VOLT SUPPLY) WITH KEY "ON".
APPROX 5 0 VOLTS ?
NO
YES
TURN KEY OFF. CHECK FOR CONTINUITY BETWEEN ECU CONNECTOR PIN C-7 AND TPS CONNECTOR TERMINAL (C).
CONNECT THE TPS WIRE CONNECTOR TO THE TPS. CHECK VOLTAGE AT TPS CONNECTOR TERMINALS C(+) AND B (GROUND) WITH KEY "ON" AND THROTTLE PLATE AT CLOSED THROTTLE.
OPEN CIRCUIT ?
NO
CHECK FOR CONTINUITY BETWEEN ECU CONNECTOR PIN D-3 AND PIN B OF THE TPS CONNECTOR.
YES
REPAIR THE TPS WIRE HARNESS POWER SUPPLY CIRCUIT BETWEEN THE ECU AND THE TPS AND RETEST
OUTPUT VOLTAGE APPROX. 0.8 VOLTS ?
YES
NO
TPS SWITCH AND ADJUSTMENT OK
ADJUST OUTPUT VOLTAGE TO 0.8 VOLTS.
OPEN CIRCUIT ?
YES
NO
REPAIR TPS WIRE HARNESS GROUND CIRCUIT BETWEEN THE ECU AND THE TPS AND RETEST
ABLE TO ADJUST TPS TO 0.8 VOLTS AT CLOSED THROTTLE ?
YES
TPS AND WIRING OK
NO
REPLACE THE THROTTLE POSITION SENSOR (TPS) AND ADJUST OUTPUT VOLTAGE.
CHECK FOR CONTINUITY BETWEEN ECU CONNECTOR PIN C-15 AND THE TPS CONNECTOR PIN A.
OPEN CIRCUIT ?
YES
NO
REPAIR TPS WIRE HARNESS BETWEEN ECU AND TPS AND RETEST.
REPLACE ECU AND RETEST.