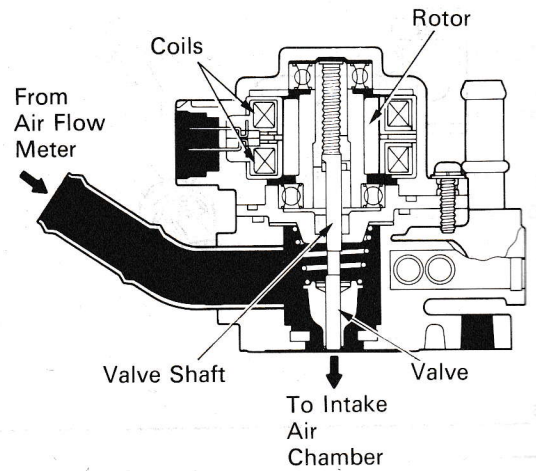


# ISC Valve Circuit *also FI-80*

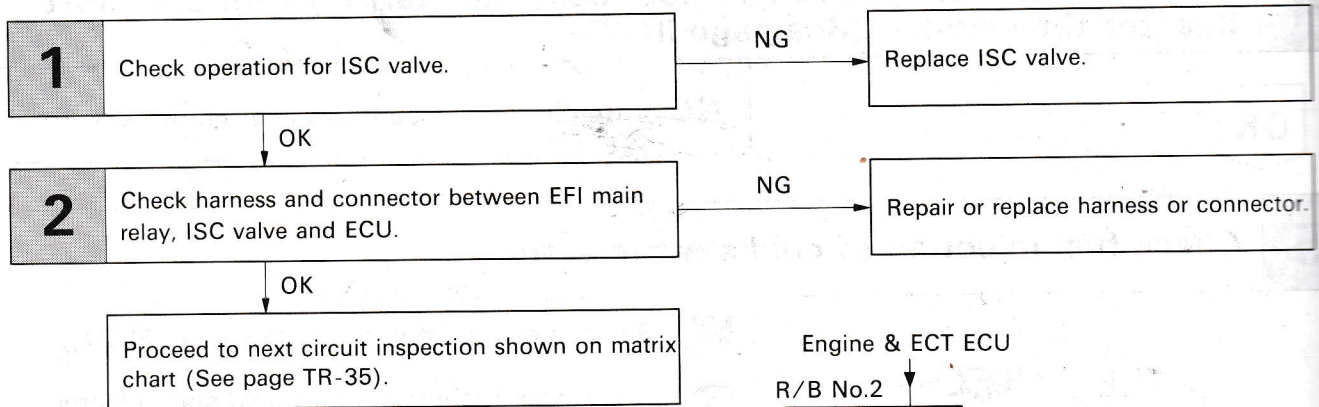
## CIRCUIT DESCRIPTION

The ISC valve is provided on the intake air chamber and intake air bypassing the throttle valve is directed to the ISC valve through a hose. A step motor is built into the ISC valve. It consists of four coils, the magnetic rotor, valve shaft and valve. When current flows to the coils due to signals from the ECU, the rotor turns and moves the valve shaft forward or backward, changing the clearance between the valve and the valve seat. In this way the intake air volume bypassing the throttle valve is regulated, controlling the engine speed. There are 125 possible positions to which the valve can be opened.

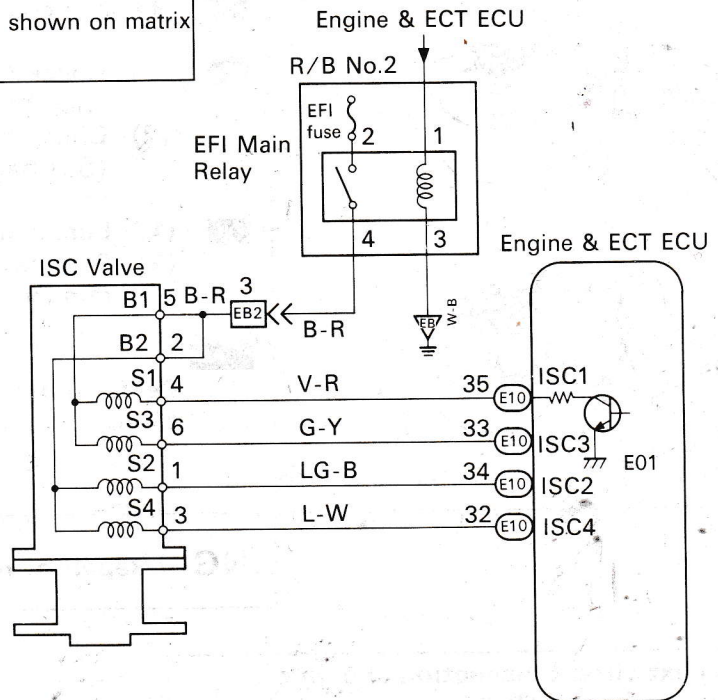


FI4160

## DIAGNOSTIC CHART



## WIRING DIAGRAM



FI6475