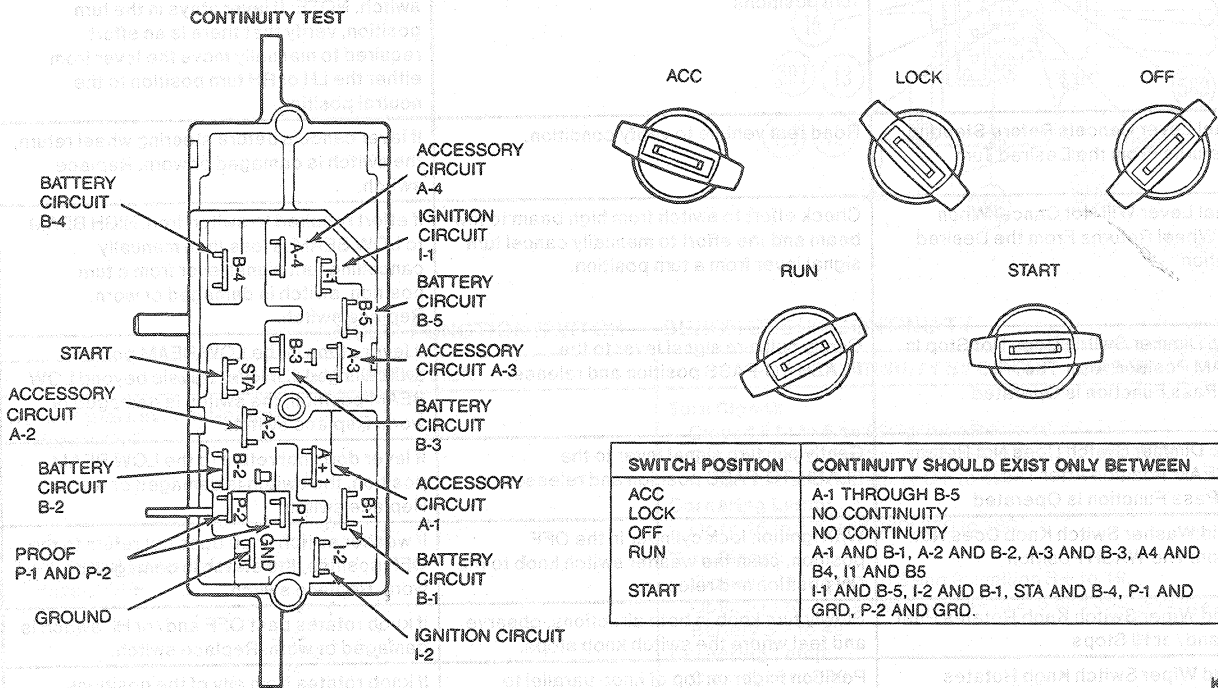


DIAGNOSIS AND TESTING

Continuity Test

Disconnect the multiple connector from the ignition switch. Test the switch continuity as described in the following illustration. Connect a self-powered test lamp or ohmmeter between the blade terminals indicated on the chart. No continuity between any blade and chassis ground should exist in any switch position except the proof Circuits, 41 and 977 in the START position only.

For an "engine won't crank" condition, determine if the condition exists with the shift lever in both PARK and NEUTRAL positions before performing the ignition switch continuity test. If the "no-crank" condition occurs in one shift lever position but not the other, a more probable cause is the neutral start switch located on the transaxle.



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Mechanical Test

Test the steering column ignition system mechanical operation by rotating the lock cylinder / key through all switch positions. The movement should feel smooth with no sticking or binding. The ignition system should return from the START position back to the RUN position without assistance (spring return). If sticking or binding is encountered, check for the following:

- Burrs on the lock cylinder key
 - Binding lock cylinder
 - Shroud rubbing against lock cylinder
 - Burrs or foreign material around rack-and-pinion actuator in lock cylinder housing
 - Insufficient lube on actuator
- NOTE: Do not apply lubricant to the inside of the ignition switch.
- Binding ignition switch

Switch, Multi-Function

The multi-function switch is a combination turn signal, hazard and dimmer switch which has a number of on / off switches packaged as a single unit. Testing for electrical malfunctions can be accomplished with a continuity tester. Malfunctions can be determined by checking continuity between the feed and function terminals of the switch.

Prior to testing, make sure hazard knob is pushed in fully to the OFF position. If the suspect circuit is satisfactory, the concern is elsewhere in the system.

Refer to the diagnostic charts and the illustration to resolve concerns with the multi-function switch.