

## TEST G: ENGINE DOES NOT CRANK, SECURITY INDICATOR LIGHT ILLUMINATES FOR ABOUT 5 SECONDS, THEN TURNS OFF

1. Remove starter relay from underhood electrical center No. 2. Connect test light between starter relay socket terminal C6 (Yellow/Black wire) and battery voltage. See [WIRING DIAGRAMS](#) . Observe test light and turn ignition switch to START position. If test light does not illuminate, check for poor connection, open or short to voltage in Yellow/Black wire. If Yellow/Black wire is okay, replace BCM. After replacement, program new BCM. See [PROGRAMMING NEW MODULE](#) under PROGRAMMING. If test light illuminates, go to next step.
2. Connect test light between starter relay socket terminal B4 (Dark Green wire) and ground. See [WIRING DIAGRAMS](#) . On A/T models, place transmission in Park or Neutral. On M/T models, depress clutch pedal. On all models, observe test light and turn ignition switch to START position. For A/T models, go to next step. For M/T models, go to step [4](#) .
3. On A/T models, if test light does not illuminate, check for an open in Dark Green wire between starter relay and transmission range switch. Check for open or poor connections in transmission range switch. Check for open in Purple/White wire between transmission range switch and STRTR mini-fuse (15-amp) in underhood electrical center No. 2. Check for open in Yellow wire between ignition switch and STRTR mini-fuse (15-amp) in underhood electrical center No. 2. See [WIRING DIAGRAMS](#) . Repair or replace as necessary.
4. On M/T models, if test light does not illuminate, check for an open in Dark Green wire between starter relay and clutch start switch. Check for open or poor connections in clutch start switch. Check for open in Purple/White wire between clutch start switch and STRTR mini-fuse (15-amp) in underhood electrical center No. 2. Check for open in Yellow wire between ignition switch and STRTR mini-fuse (15-amp) in underhood electrical center No. 2. See [WIRING DIAGRAMS](#) . Repair or replace as necessary.
5. On all models, if test light illuminates, connect test light between starter relay socket terminal C4 (Red wire) and ground. Observe test light. If test light does not illuminate, check for open IGN MAXI-fuse(R) (50-amp) or open in Red wire between starter relay socket terminal C4 and IGN MAXI-fuse(R) (50-amp). Repair as necessary. If test light illuminates, go to next step.
6. Connect 30-amp fused jumper wire between starter relay connector terminals C4 (Red wire) and B6 (Purple wire). Turn ignition switch to START position. If engine does not crank, diagnose problem with starting or charging system. See appropriate GENERATORS & REGULATORS article or STARTERS article in STARTING & CHARGING SYSTEMS. If engine cranks, check for poor connections at starter relay. If connections are okay, replace starter relay. Also, check for short in Purple wire between starter relay and starter solenoid. A short in Purple wire may cause starter relay to fail.