

# 1-: Symptom Chart 1

← [1-: Introduction](#)

## 1-1 PRELIMINARY CHECKS

- Perform the following preliminary checks:
  - Automatic transmission in PARK or NEUTRAL
  - Clutch fully depressed
  - Battery connections
  - Starter relay connections
  - Battery load test
  - Alarm anti-theft devices
  - Fuse links
  - Ignition switch

Are all checks OK?

Yes	No
GO to <a href="#">1-2</a> .	SERVICE as necessary. VERIFY a symptom no longer exists.

## 1-2 CHECK STARTER RELAY

- Cycle ignition key.

Is a "clicking" sound heard from the starter relay when the ignition key is turned to start?

Yes	No
GO to <a href="#">1-4</a> .	GO to <a href="#">1-3</a> .

## 1-3 CHECK ELECTRICAL ACCESSORIES

Do any other electrical accessories operate (headlights, radio, etc.)?

Yes	No
GO to <a href="#">1-4</a> .	GO to the Electrical/Battery and Charging System group in the Service Manual to check the battery and charging systems.

## 1-4 CHECK STARTING SYSTEM SECONDARY CIRCUITS

- Go to the Powertrain/Engine Group in the Service Manual to check starter ground and starter relay cable to starter.

Is a fault indicated?

Yes	No

SERVICE as required according to Service Manual direction.	GO to <a href="#">1-5</a> .
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**1-5 CHECK STARTING SYSTEM COMPONENTS**

- Go to the Powertrain/Engine Group in the Service Manual to check starter, starter relay, clutch pedal position sensor and manual lever position sensor.

**Is a fault indicated?**

Yes	No
SERVICE as required according to Service Manual direction.	GO to the Powertrain/Engine Group in the Service Manual to check for base engine concerns (seized/hydro-locked engine or damaged flywheel). SERVICE as required according to Service Manual direction.