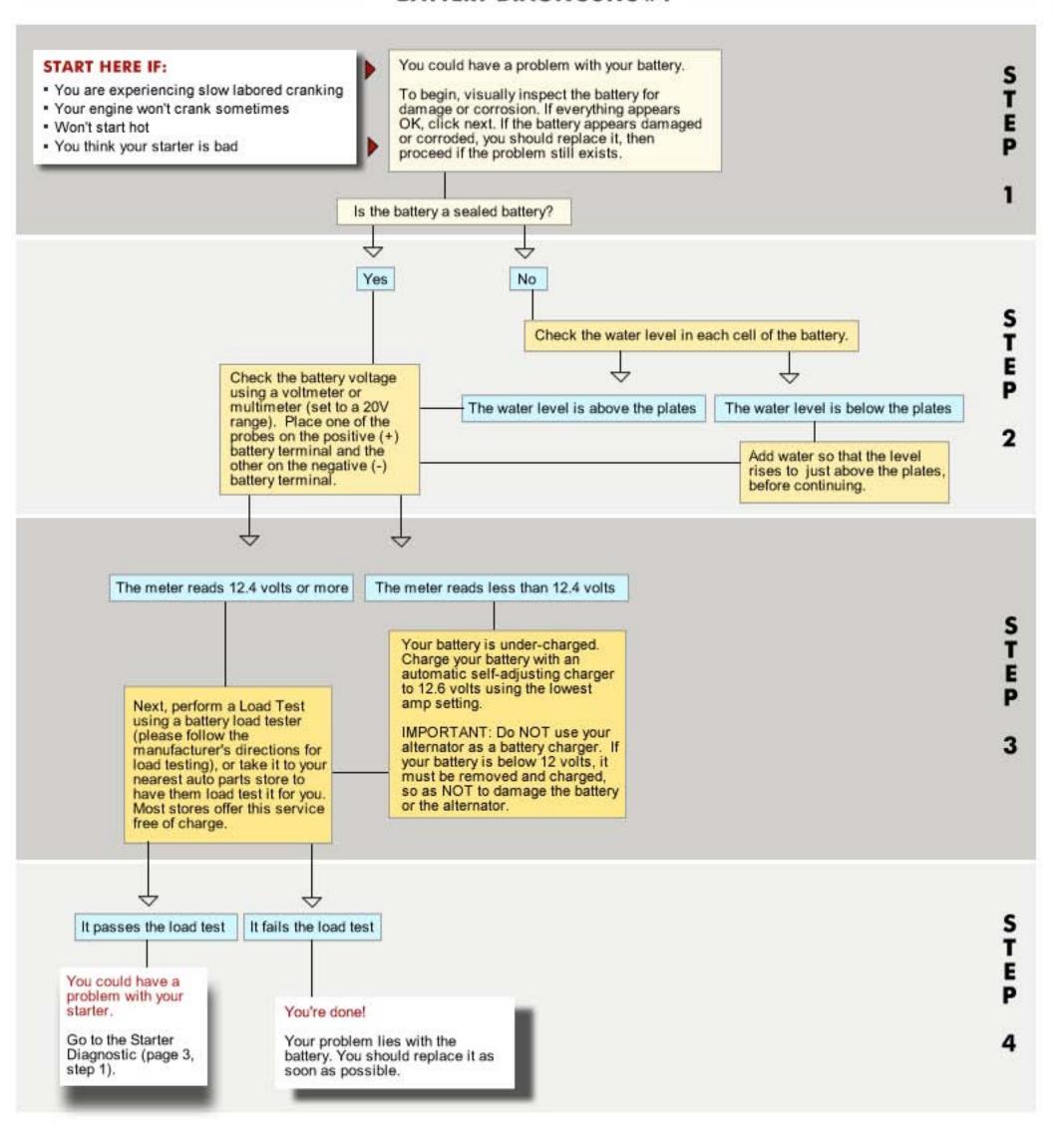
# **TABLE OF CONTENTS**

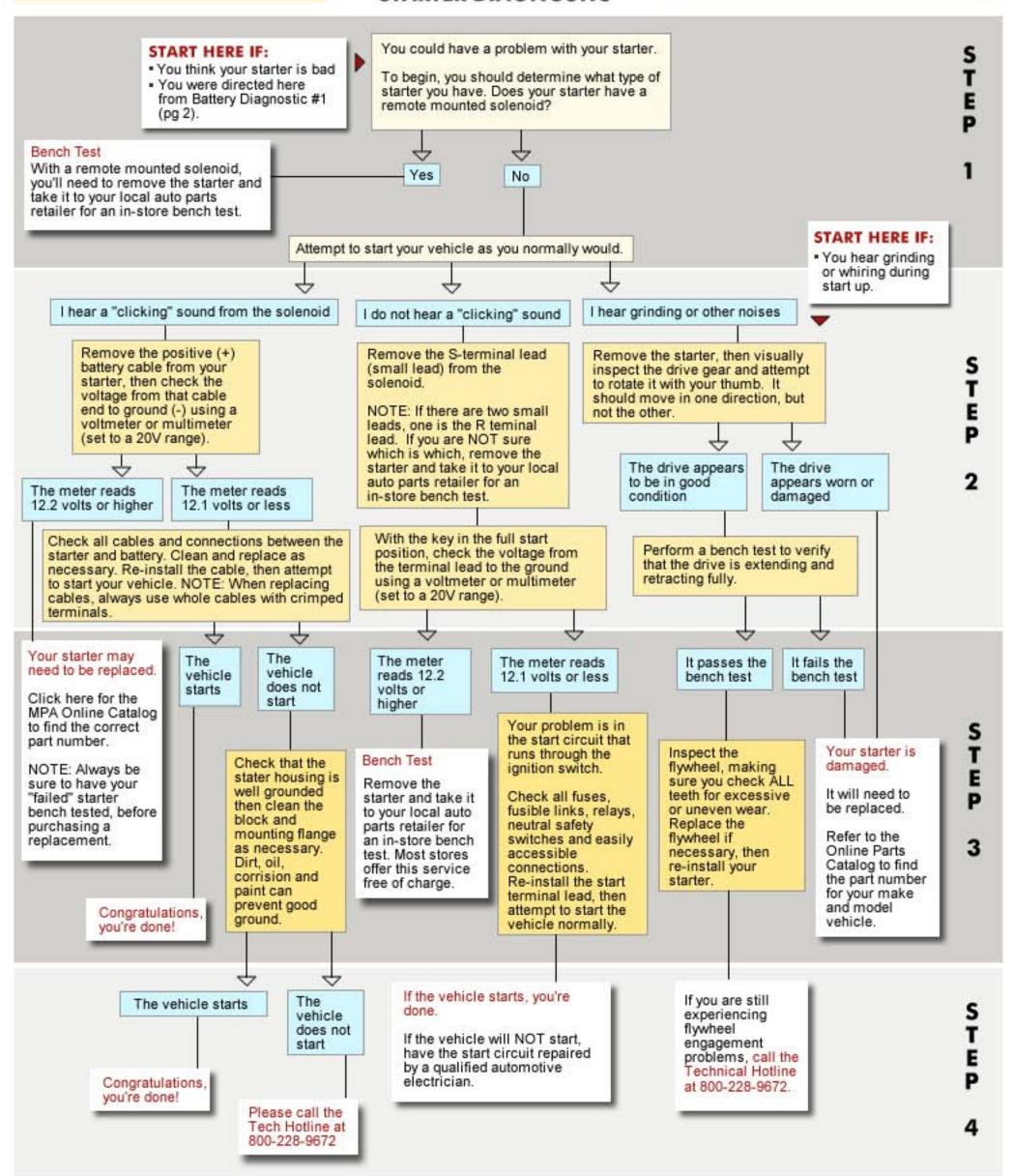
## DIAGNOSIS BY SYMPTOM

## To begin, please click on the appropriate symptom.

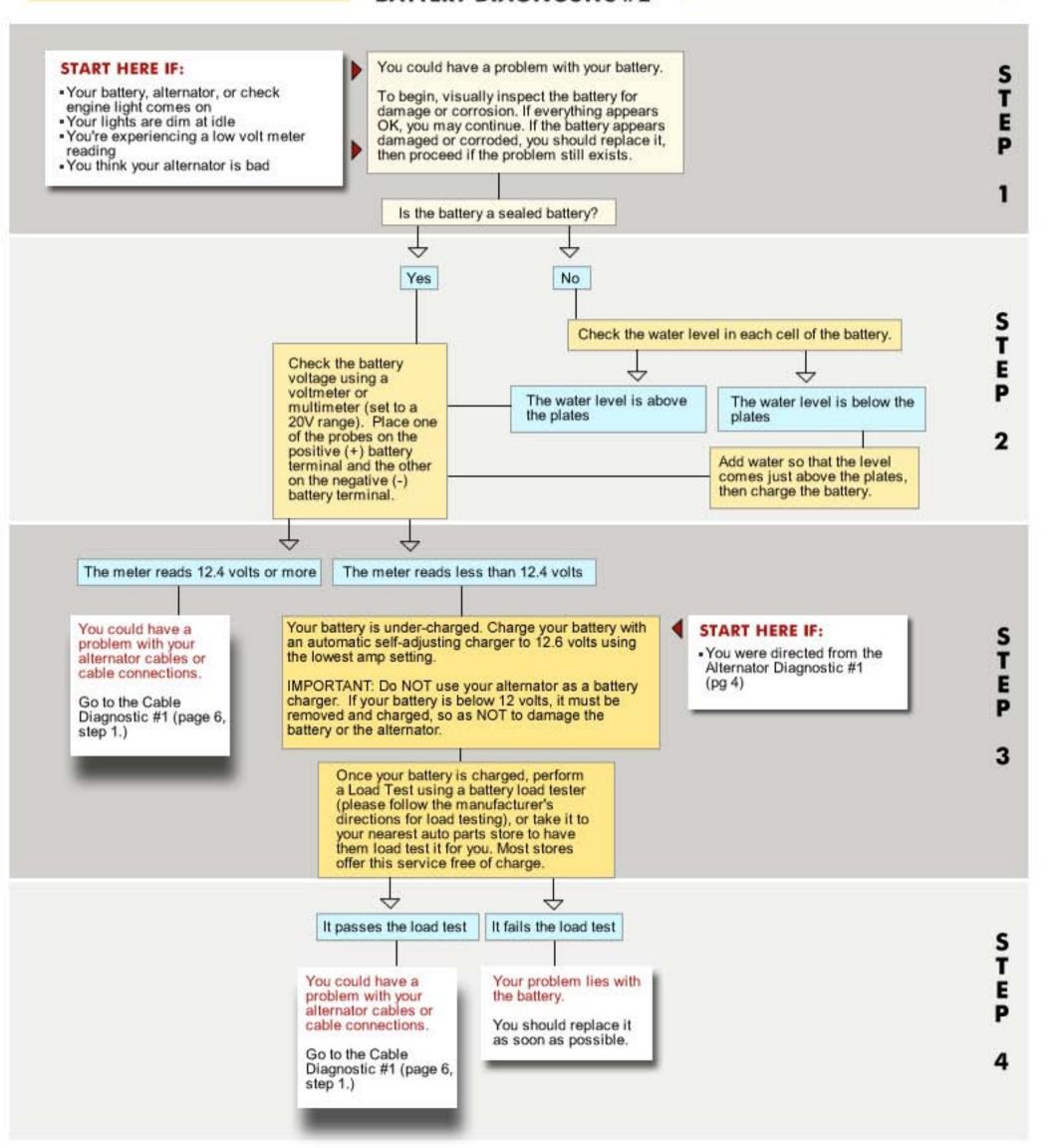
Slow labored cranking?	
Won't start sometimes?	D pg 2
Won't start cold or after sitting for a day?	
Grinds or "whirs" during start up?	▶ pg 3
Battery, alternator or check engine light comes on?	D pg 5
Lights are dim at idle?	
Low volt meter reading?	D pg 5
High volt meter reading?	
Bright or burned out lights?	D pg 7
I think my alternator is bad.	D pg 5
I think my starter is bad.	



#### STARTER DIAGNOSTIC



#### BATTERY DIAGNOSTIC #2

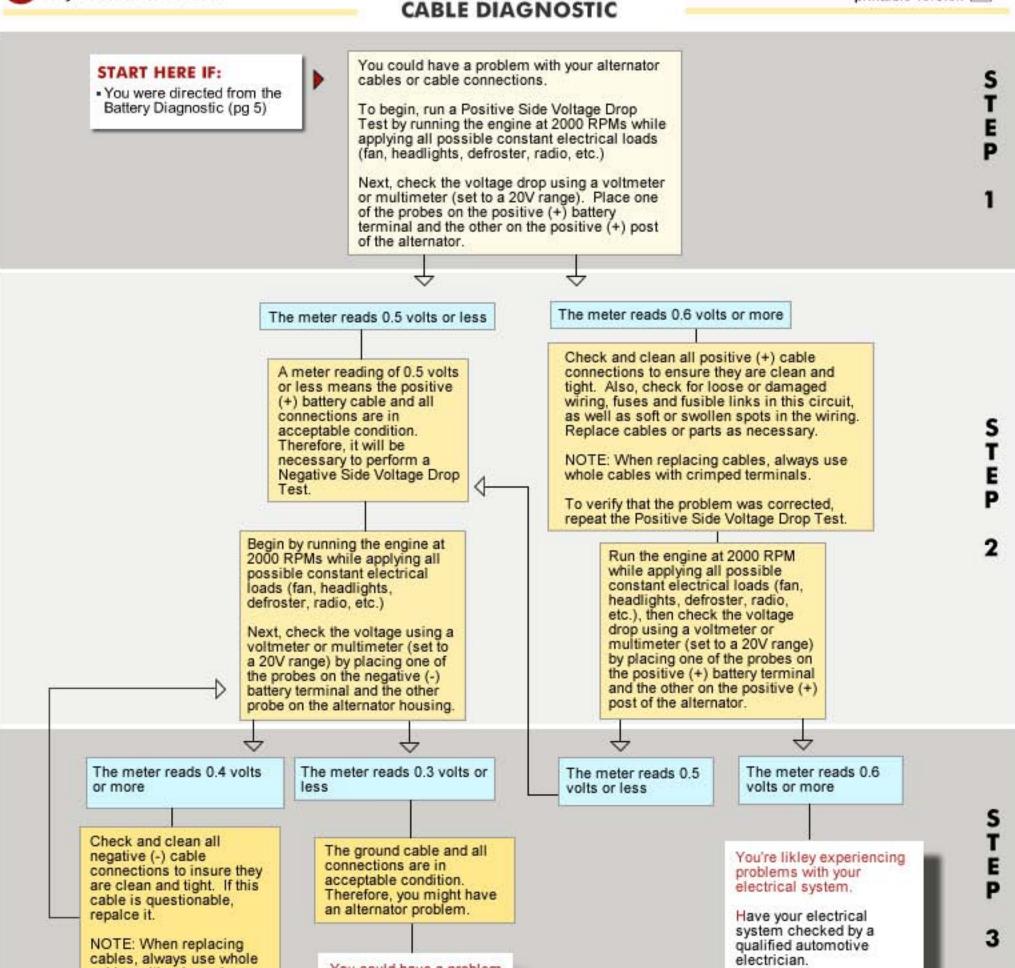


cables with crimped

To verify that the problem was corrected, repeat the Negative Side Voltage

terminals.

Drop Test.



You could have a problem

with your alternator.

Go to the Alternator

step 1).

Diagnostic #1 (page 4,

electrician.

### **ALTERNATOR DIAGNOSTIC #2**

#### START HERE IF:

- You have a high volt reading.
- You have bright or burned out lights.

You likely have a problem with your alternator.

Remove the alternator and take it to your local auto parts retailer for a bench test (most stores offer this free of charge).

If it fails the bench test, refer to the Parts Catalog to find the replacement part number.

## ALTERNATOR DIAGNOSTIC #1

...continued

