

Lab - Alternator Rebuild

Students: 1. _____ Date: _____
 2. _____ Block: _____

Fill in each box with the appropriate information. Place checks (✓) where applicable. Be sure to have Instructor's initials before moving on to the next step. Each team member will need to answer questions to receive credit for this lab.

ALTERNATOR IDENTIFICATION

Record any manufacturer or part number identification found on the alternator:

SYSTEM INVESTIGATION

1

Completely disassemble the alternator. DO NOT break anything. Show it to your instructor once it is completely apart.

STOP! INSTRUCTOR'S INITIALS:

ANALYSIS

2

Your instructor will ask you questions about how the alternator works. Be prepared to explain how the electricity is generated, its output varied according to need, and the output rectified.

STOP! INSTRUCTOR'S INITIALS:

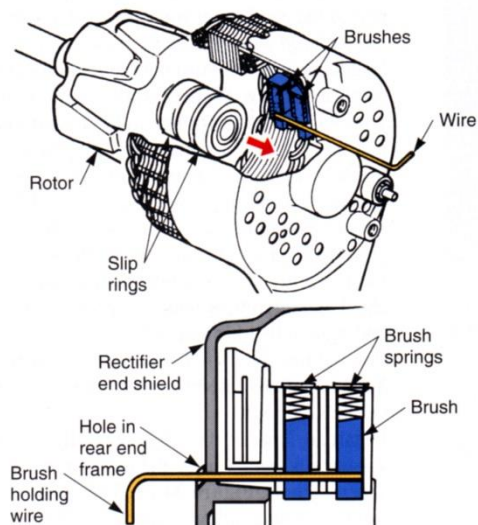
REASSEMBLY

3

Carefully reassemble the alternator. There are some tricks to getting the brushes back in

Use a piece of welding wire through a hole in the back of the alternator to hold the brushes and springs down.

ASK FOR HELP INSTEAD OF DESTROYING THE ALTERNATOR!!!!!!!!!!!!!!



STOP! INSTRUCTOR'S INITIALS: