## **Starter Disassembly and Testing**

Meets ASE Task: Not specified by ASE

| Name   |  | Date  | Time on Task  |             |
|--|--|---|---|-------------|
| Make/Model/Year  |  | VIN   | Evaluation:   | 4 3 2 1     |
|  | d visually inspect to housing.   | the starter for physica                           | l damage such as a cracke                             | d or broken |
| OK _   | NOT O  | K   |   |             |
|  |  | rough bolts on the fra<br>h bolt used to retain a | me housing and make note<br>a support bracket.        | e of the    |
|  | _ used a support b   | oracket   | did not use a support brac                            | ket         |
| <b>3.</b> Remove to  | the solenoid (if it i  | is a solenoid activated                           | l-type starter).                                      |             |
| sprin  |  | olenoid to be forced a                            | use caution because the plaway from the starter where | _           |
| <b>4.</b> Remove 1   | the through bolts.   |   |   |             |
| <b>5.</b> Gently re  | Gently remove the brush-end housing and armature from the field housing.   |   |   |             |
| <b>6.</b> Remove 1   | Remove the shift fork and separate the drive-end housing from the field housing.   |   |   |             |
| <b>7.</b> Visually   | Visually inspect all the parts and note their condition.   |   |   |             |
| armature<br>brushes/l<br>field coil<br>drive-end<br>shift leve | holders Is d housing   | OK NOT OK | Notes: Notes: Notes:                                  |             |
|  | ultimeter to read on the course to the course of the cours |   | esistance between the hot b                           | orushes and |
| ОК   | NOT O  | K   |   |             |
| <b>9.</b> Check the  | e armature on a gr   | owler for opens and s                             | shorts.   |             |
| ОК   | NOT O  | K   |   |             |