

Diesel Engine Charging System Diagnosis

Meets ASE Task: (A9-A-18) Diagnose engine problems associated with the charging system; determine the needed action.

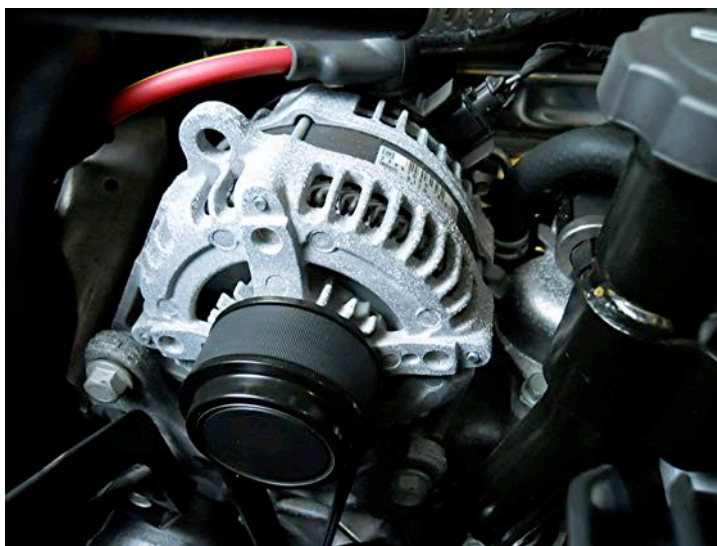
Name _____ Date _____ Time on Task _____

Make/Model/Year _____ VIN _____ Evaluation: 4 3 2 1

_____ 1. Check service information for the specified tests and procedures to follow when diagnosing a charging system-related problem. Describe the specified procedure.

_____ 2. Is the alternator equipped with an overrunning alternator pulley (OAP) or overrunning alternator dampener (OAD)? _____ Yes _____ No

If yes, is the pulley working as designed? _____ Yes _____ No



_____ 3. Test the alternator output and compare it to the factory specification.

Alternator output specification = _____

Measured Output = _____

_____ OK _____ NOT OK

_____ 4. Based on the test results, what action is needed? _____
