

Alternator Diode Trio Testing

Meets NATEF Task: Not specified by NATEF

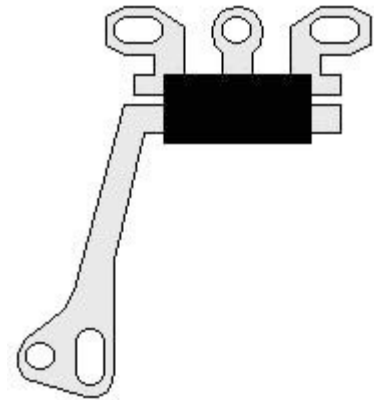
Name _____ Date _____ Time on Task _____

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

_____ 1. Identify the type of alternator being serviced:

_____ 2. Visually check the diode trio for physical damage.

OK _____ **NOT OK** _____



_____ 3. Set a digital multimeter (DMM) to the diode-check position.

_____ 4. Touch the black lead of the meter to the output (single leg) of the diode trio.

_____ 5. Touch the red meter lead to each of the separate legs of the diode trio and record the readings [should be 0.4 volt (400 mV) to 0.6 volt (600 mV)].

#1 = _____

#2 = _____

#3 = _____

OK _____ **NOT OK** _____

_____ 6. Remove the meter leads and retest (should read OL).

#1 = _____

#2 = _____

#3 = _____

OK _____ **NOT OK** _____