Model

ALL

Applicable To

1986 - 1992

File Under

ELECTRICAL

Bulletin No.

92-001

Issue Date

JAN 31, 1992

Charging System Testing

Use the following procedures and specifications in place of the charging system tests in the service manuals.

NOTE: The alternator output amperage specifications on page 4 are lower than the alternator ratings and specifications in the service manuals. This takes into account the effects of temperature on alternator output, and the placement of the inductive pick-up, which only allows the tester to read the current available to charge the battery, not the current used to operate the ignition and fuel systems.

SYMPTOM

The charge system light is on, or the battery is dead or low.

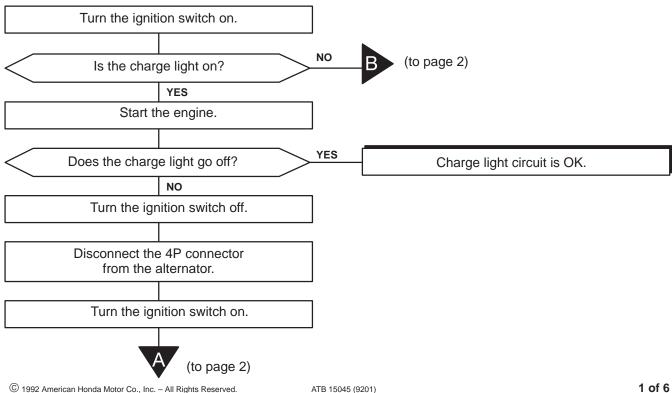
CORRECTIVE ACTION

Perform the following tests in the order listed.

- 1. Battery Test (see S/B 88-023, "Battery Test Procedure")
- 2. Charge System Light Operation (below)
- 3. Alternator/Regulator Test (page 3)
- 4. Parasitic Draw Test (page 5)

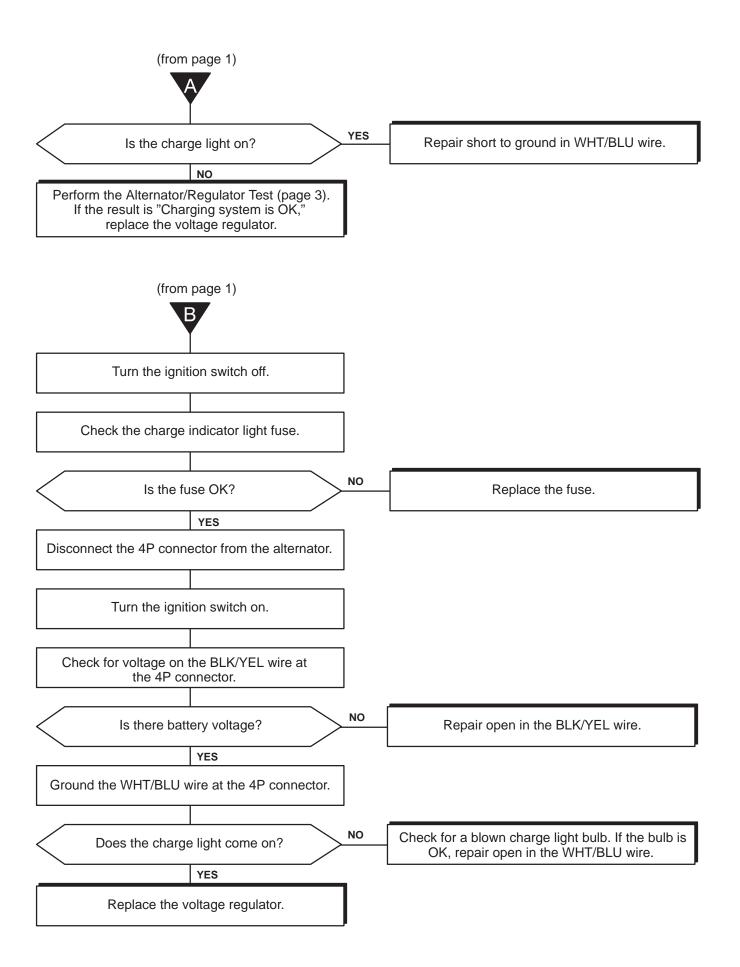
Charge System Light Operation

an authorized Honda automobile dealer.



CUSTOMER INFORMATION: The information in this bulletin is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely maintain your car. These procedures should not be attempted by "do-it-yourselfers," and you should not assume this bulletin applies to your car, or that your car has the condition described. To determine whether this information applies, contact

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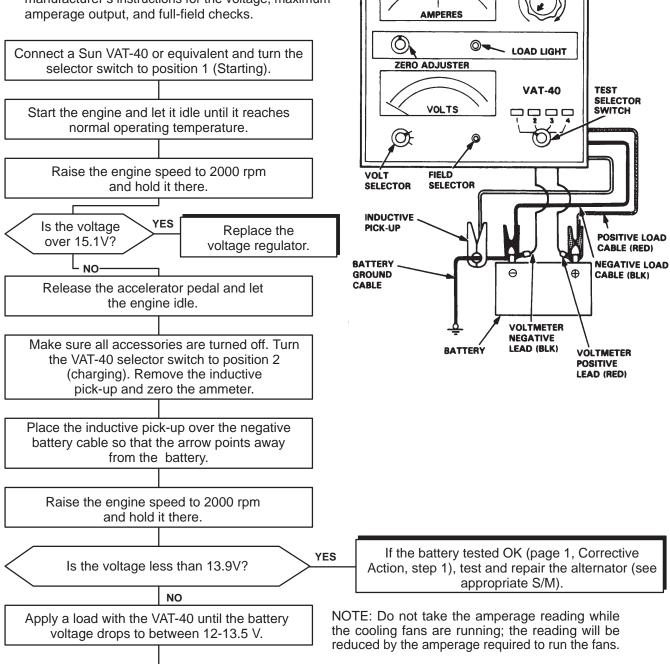
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Alternator/Regulator Test

NOTE:

- Be sure the battery is sufficiently charged.
- For testers other than the VAT-40, follow the manufacturer's instructions for the voltage, maximum amperage output, and full-field checks.

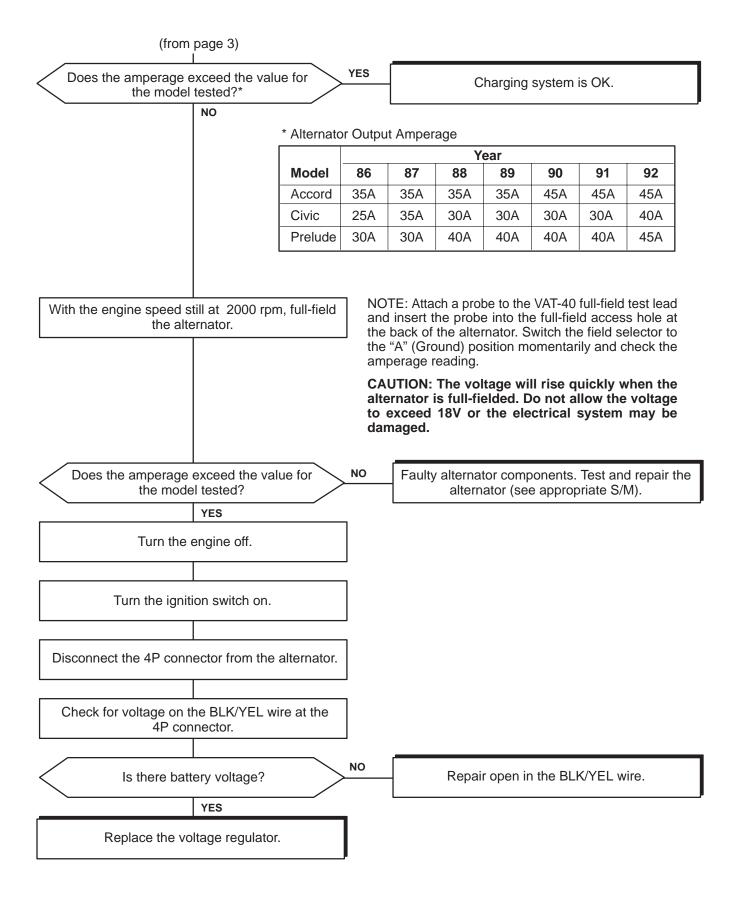
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LOAD ADJUSTER

(CARBON PILE)

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Parasitic Draw Test

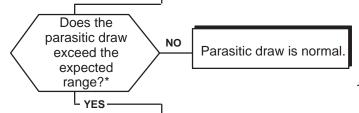
Before testing:

- Turn the ignition switch off.
- Close all doors and the trunk or hatch.
- Turn all electrical equipment off.
- Disconnect any non-factory-installed accessories that affect parasitic draw (security system, cellular telephone, etc.), except genuine Honda clocks and audio units.

Loosen, but do not remove, the negative battery terminal.

With your ammeter on the 10A scale, connect it in series between the negative cable and the battery as shown. Wait five minutes for timers to reset.

Adjust the ammeter down one scale at a time until it reaches the 200 mA scale, provided that the draw does not surpass the upper limit of each scale.



Remove the fuses one at a time until the parasitic draw is within the expected range.

Does removing one particular fuse bring the parasitic draw within the expected range?

YES

Reinstall that fuse and begin disconnecting components on that fused circuit until the parasitic draw is within the expected range.

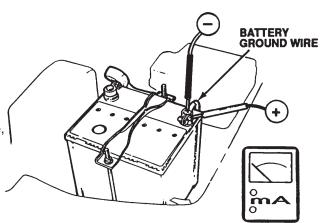


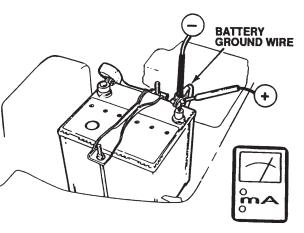
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* Expected Parasitic Draw (milliamps)

	Year						
Model	86	87	88	89	90	91	92
Accord DX/LX	10–15	10–15	10–15	10–15	15–25	15–25	15–25
Accord LXi/Ex	15–25	15–25	15–25	15–25	15–25	15–25	15–25
Accord Wagon LX	_	_	_	_	_	15–25	15–25
Accord Wagon EX	_	_	_	_	_	30–35	30–35
Civic	8–15	8–15	8–15	8–15	8–15	8–15	5–15
Prelude S	10–15	10–15	10–15	10–15	10–15	_	8–15
Preluse Si	15–25	15–25	15–25	15–25	15–25	15–25	8–15

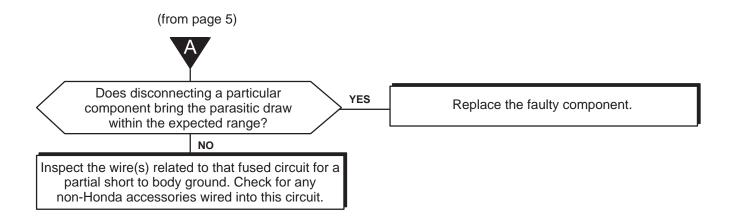
NO

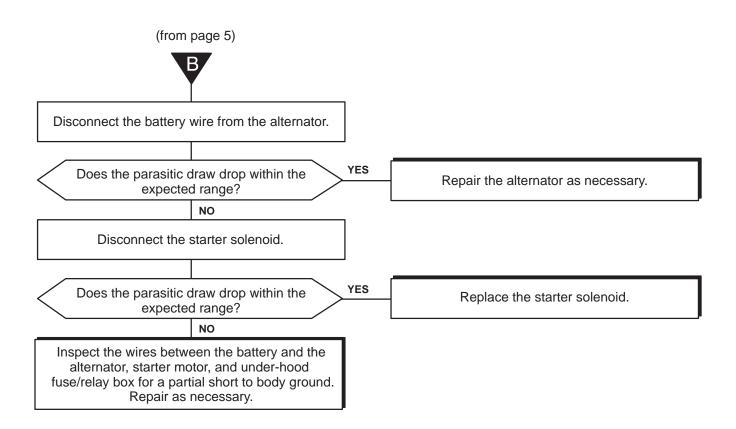






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