
14. Ignition System

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Service Information

⚠ WARNING

- If the engine must be running to do some work, make sure the area is well-ventilated. Never run the engine in an enclosed area.
 - The exhaust contains poisonous carbon monoxide gas that may cause loss of consciousness and lead to death.
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- When checking the ignition system, always follow the steps in the troubleshooting flow chart (page 14-3).
 - The CDI ignition system uses an electrically controlled ignition timing system. No adjustment can be made to the ignition timing.
 - The CDI unit may be damaged if dropped. Also, if the connector is disconnected when current is flowing, the excessive voltage may damage the unit. Always turn off the ignition switch before servicing.
 - A faulty ignition system is often related to poorly connected connectors. Check those connections before proceeding.
 - Make sure the battery is adequately charged. A weak battery may be unable to turn the starter motor quickly enough, or adequate ignition current may not be supplied.
 - Use a spark plug of the correct heat range. Using a spark plug with an incorrect heat range can damage the engine. Refer to section 23 of the Common Service Manual.
 - For ignition switch inspection, check for continuity on the continuity chart of the Wiring Diagram (section 17).