

## FUEL TANK (S/N 20001 & Above)

### Removal And Installation

Raise the operator cab. (See *PREVENTIVE MAINTENANCE* Section 1 for the correct procedure.)

Use a transfer pump to remove the fuel from the fuel tank.

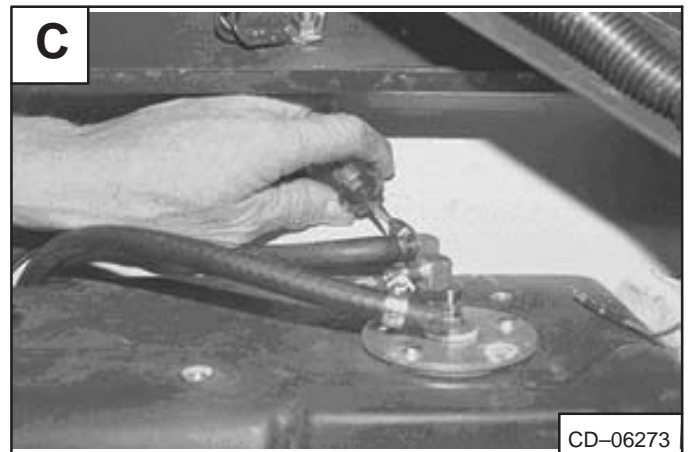
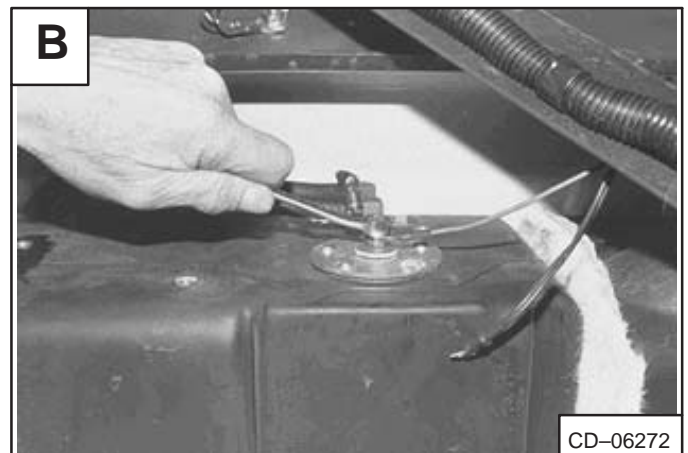
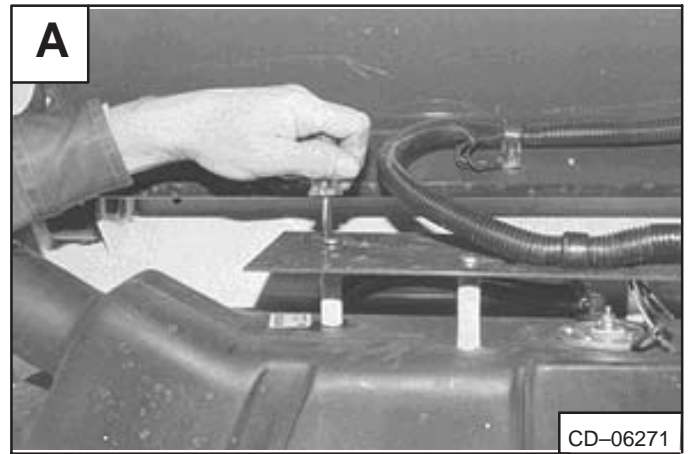
Remove the harness plate screws at the top of the fuel tank **[A]**.

Move the harness plate over and above the hydraulic reservoir.

Disconnect the wires at the fuel sender **[B]**.

Remove the fuel hoses from the tank fittings **[C]**.

Remove the fuel hoses at the shutoff valve **[D]**.

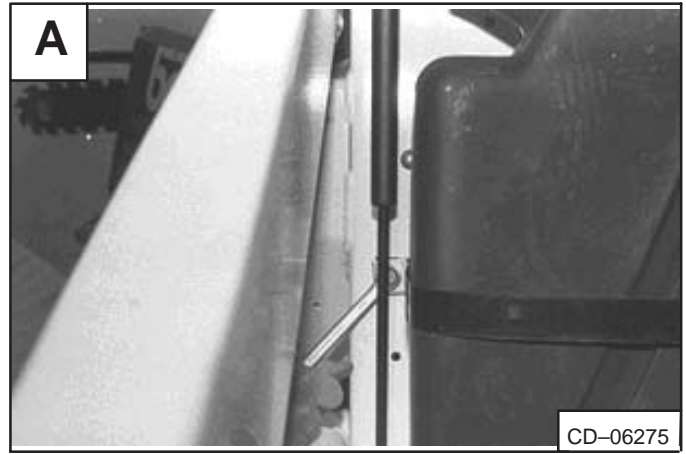


## FUEL TANK (S/N 20001 & Above) (Cont'd)

### Removal And Installation (Cont'd)

Remove the fuel tank holding strap bolt [A].

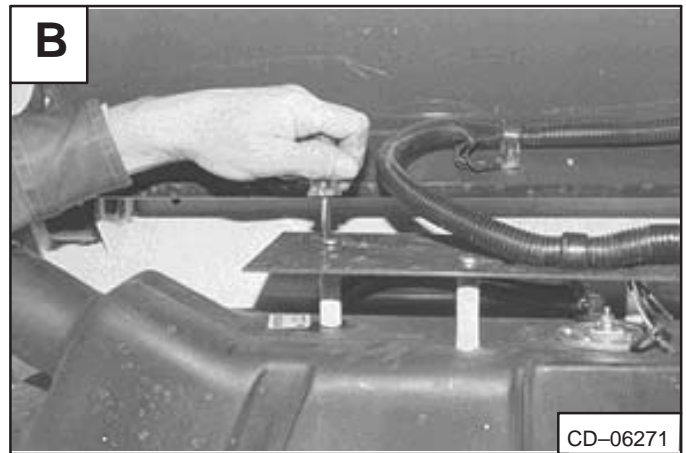
Remove the fuel tank from the loader.



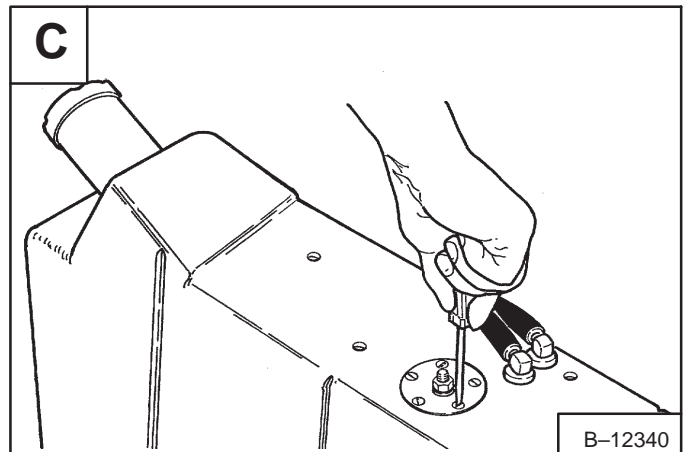
### Fuel Tank Sender Switch

Remove the harness plate from the top of the fuel tank [B].

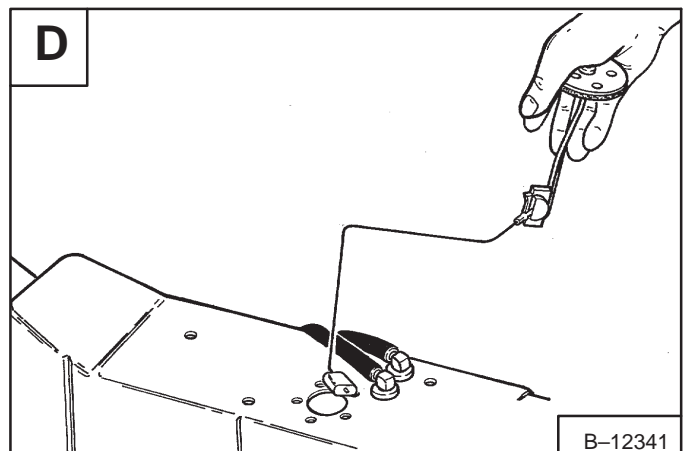
Remove the wires from the sender.



Remove the screws from the sender [C].



Remove the sender switch from the fuel tank [D].



## ELECTRICAL SYSTEM

	<b>Page Number</b>
<b>ALTERNATOR</b>	
Alternator Belt Adjustment (741) .....	6-3
Alternator Belt Adjustment (742) .....	6-4
Alternator Belt Adjustment (743) .....	6-5
Disassembly And Assembly .....	6-7
Removal And Installation .....	6-6
<b>MELROE ALTERNATOR</b>	
Checking the Alternator Output .....	6-9
Checking The Alternator Regulator .....	6-10
Disassembly And Assembly .....	6-12
Removal And Installation .....	6-11
<b>BATTERY</b>	
Checking The Battery .....	6-2
Removal And Installation .....	6-2
<b>ELECTRICAL SYSTEM INFORMATION</b>	
Description .....	6-1
<b>STARTER</b>	
Checking The Starter .....	6-15
Cleaning And Inspection .....	6-19
Disassembly And Assembly .....	6-16
Disassembly And Assembly (Gear Reduction) .....	6-17
Removal And Installation .....	6-15
Replacing The Brushes .....	6-18
<b>TROUBLESHOOTING</b>	
Chart .....	6-1

## ELECTRICAL SYSTEM

**TIGHTEN ALL HARDWARE PER SIZE TO GRADE 5 TORQUE (SEE STANDARD TORQUE SPECIFICATIONS FOR BOLTS, SECTION 9) UNLESS OTHERWISE SPECIFIED.**