D7E Engine Starting with Jump Start Cables

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TOPIC: D7E Engine Starting with Jump Start Cables

The jump start procedure for the D7E is just like it is for any other Cat 24V machine; the location of the batteries and battery disconnect switch will be different, but the process is the same. Here are some tips to keep in mind. For the full process view the specific Operation and Maintenance Manual for your D7E.

General Warnings

- Wear proper personal protective equipment
- Do not smoke when checking battery electrolyte levels
- Always connect the positive (+) cable to the positive (+) terminal first
- Jump start only with an energy source of the same voltage as the stalled machine
- Turn off all lights and accessories on the stalled machine
- Do not attempt to charge a battery that has ice in any of the cells, is leaking or otherwise shows signs of damage

Tips

- Ensure the power source or engine, on the machine that will perform the jump start, is off when connecting the cables
- When jump starting, make sure the machine being jumped does not contact the power source
- Place the direction control of the stalled machine in the NEUTRAL position, engage the parking brake, and lower all attachments to the ground
- Do not let the positive cables contact any metal, other than the battery terminals
- Allow the electrical source to charge the stalled machine for approximately 2 minutes before attempting to start the stalled engine
- After the stalled machine has started, remove the jump start cables in the reverse order in which they were attached

Discussion Date: _____

Employee Participants:

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