

# TIP OF THE WEEK

MODEL .....	GD655-6
FEATURE .....	Battery Disconnect Switch
STD / OPT .....	Standard

The battery disconnect switch is located inside the motor grader's battery compartment and can be used to isolate battery voltage from the machine. Unlike the ignition switch, which still allows voltage to some of the machine's electrical circuits when turned off, the battery disconnect switch isolates all of the machine's electrical circuits from battery voltage.

The battery disconnect switch is typically used:

- when storing the machine for a long period (over 1 month),
- when servicing or repairing the electrical system, or
- when performing electric welding.



**The battery disconnect switch should be used to isolate the battery supply from the machine for service work or long term machine storage.**

Before turning the battery disconnect switch to the OFF position, confirm that the system operating lamp (the green colored lamp located just below the battery disconnect switch) is not illuminated. When the system operating lamp is illuminated, it indicates that the machine's controllers are in operation, the DEF pump is operating, or KOMTRAX communication is in progress. Turning the battery disconnect switch to OFF while the lamp is lit could interrupt the process of storing and communicating machine data or allow remaining DEF to freeze (during cold weather) and damage the DEF lines.

Additionally, the battery disconnect switch should not be turned to the OFF position while the engine is running or immediately after the engine is stopped, because the remaining voltage produced by the alternator will not have a path back to the battery and could cause damage to the machine's electrical systems.

For additional information, please consult the Product Bulletin, Operator's Manual or Shop Manual. Photos may include optional equipment.

KTIP2016-35 Rev. 1/16

© 2016 Komatsu America Corp. All rights reserved.

**KOMATSU**<sup>®</sup>

Komatsu<sup>®</sup> is a registered trademark of Komatsu Ltd.