



Service
Bulletin

B0203016

2002-05

Subject: Frame Electrical Ground.

Effected Model Numbers: All ZTH52 & ZTH61 Kawasaki Engine Equipped Gen II & XP Mowers.

All Serial Numbers from **020100001** thru **022000001**

Service Information: There may be a possibility that the frame on the above shown riding mowers may not be properly grounded to the battery. This will be evident by complaint concerns that . . .

- *the ignition switch is not functioning properly.*
- *the hour meter is not working, or is intermittent.*
- *the starter solenoid “clicks” or is not fully engaging.*

The frame to battery ground wire is fastened to the solenoid, located alongside the engine on the left side of the frame. There should be a “shake proof” washer between the nut and underside of the frame below the solenoid (see illustration). This washer is intended to cut through the paint and properly ground the frame to the battery negative post connection. Some of these shake proof washers may have been left off in production.

On units where there appears to be an electrical concern with frame grounded components, this frame wire connection should be checked. Along with installing a shake proof washer, it may be a good idea to remove some of the paint under the frame where the washer will seat, insuring a proper ground connection.

Parts Information: Any 1/4 inch internal or external “shake proof” washer can be used. These are available from most hardware stores, or can be ordered from Husqvarna under **P/N 539990053**.

Warranty Information: One quarter hour (.25) labor, and the cost of the shake proof washer, will be credited for any Kawasaki Engine equipped ZTH52 or ZTH61 in the above serial number range that is found without this washer.

