

Number: TSB-FC-2016-250 SC6500 Drive
Harness Routing

Symptom: Machine will not move forward or
reverse

Date: 18th Feb. 2016

Urgency: Medium

Author: Aaron Clark

Urgency:

MEDIUM: Rework needs to be done by next possible occasion

SYMPTOM:

Machine will not move forward or reverse.

PRODUCTS:

SC6500

SYSTEM:

Drive Wheel System

ISSUE:

The machine will not move forward or reverse, or while rotating the steering the machine stops moving. The display screen may show error code 03. The Detergent LED may also be flashing.

CAUSE:

When turning, the routing of the wheel drive harness may allow too much flexing of the wires thereby increasing fatigue and possibly leading to premature failure of the harness, or the harness may be rubbing on the splash shield.

ECO / ODM #:

ECO A-11758, A-11760

PRODUCTION CORRECTIVE ACTIONS:

The traction harness routing has been altered and the harness is now covered by a more flexible, abrasive resistant sleeve.

PRODUCTION SOLUTION IMPLEMENTATION DATE and / or SERIAL NUMBER:

First production machine with new drive harness and updated routing installed as Standard equipment:

Implementation Shipping Date: 19th Feb. 2016

Serial Number: 1000061465



TECHNICAL SERVICE BULLETIN

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FIELD CORRECTIVE ACTIONS: (All machines built prior to Serial Number 1000061465)

Replace the existing harness and install the new Traction Harness Kit (PN 56384713). This kit contains detailed instructions showing the new routing. Two new holes will need to be drilled in the splash guard (Fig.3), template included in the instructions. Serial number found on nameplate shown below Fig.1

SPARE PARTS or Kits Needed:

56384713 TRACTION HARNESS KIT - To prevent premature failure of the drive system causing loss of machine operation. Contents of kit shown in Fig.2

IMPORTANT TOOLS REQUIRED:

- Phillips Screwdriver
- Wire Cutter
- Hammer
- Punch
- Drill
- Drill bit Ø 0.28" (7.1 mm)
- 10 mm Hex Wrench

NOTE: Up to 1 hour for travel, 2.5 hours for labor

COMPONENT LOCATIONS / PICTURES:

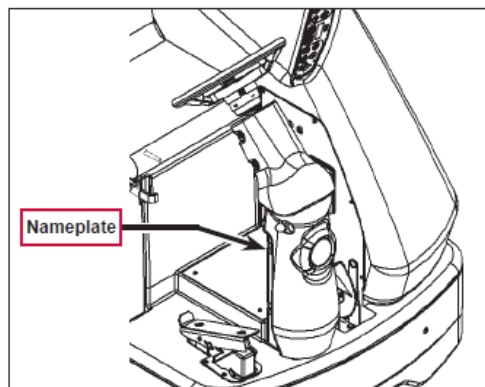


Fig.1

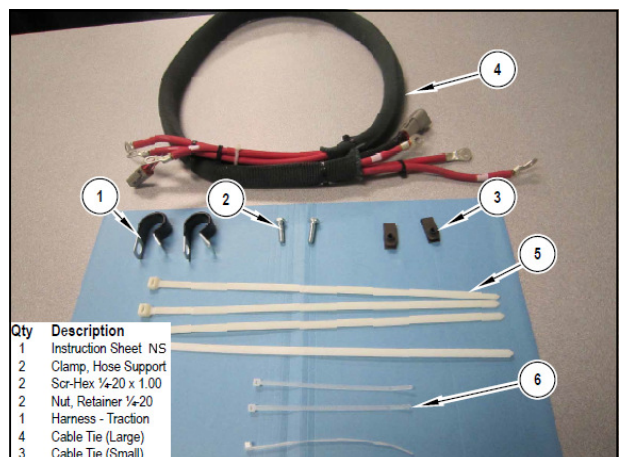


Fig.2



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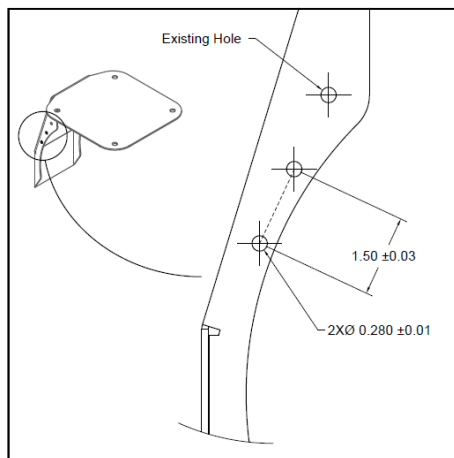


Fig.3

