

PSB-2008-028-B	Date: February 20, 2009
Title	SERVICE ACTION; ZD326 & ZD331, Ground Wire Relocation
Group Code	EL05 – Wiring Harness
Product Line	Z - Tractor
Model Number (s)	ZD326S/P & ZD331P/LP

ELIGIBLE SERIAL NUMBERS

ZD326S	11245 – 16446
ZD326P	12463 – 16932
ZD331P	10746 – 12365
ZD331LP	11737 - 16400

SERVICE ACTION

This Service Action describes preventative modifications which should be performed whether a failure has occurred or not.

Complete all eligible units as soon as possible, always prior to retail, and whenever they are in the shop for maintenance or repair. Specific customer notification is not required; repair in conjunction with other work on units.

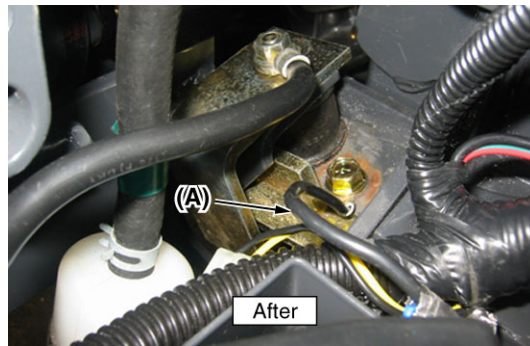
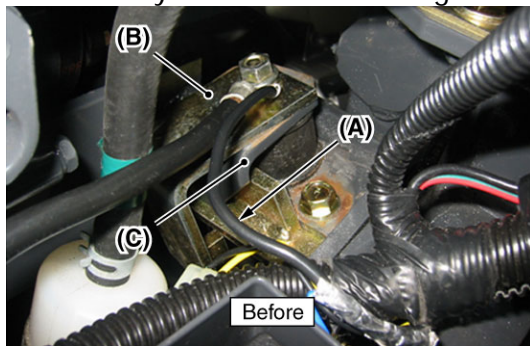
Subject:

Kubota has determined that there may be poor or inadequate contact between the harness ground wire and the negative battery cable at the engine mount isolator (see "Before" photo below). This may result in poor or insufficient starting performance.

Solution:

Please relocate the harness ground wire eye directly to the frame as per the instructions of this bulletin (see "After" photo below).

Check/clean all ground contact points to ensure adequate grounding. Replace wire harness only in the case of damage.



Parts Information

PART NUMBER	DESCRIPTION	QUANTITY
K3181-62125	ASSY WIRE HARNESS	1

Warranty Information

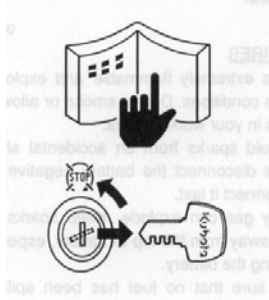
SFI-B-08-12

WARRANTY TYPE	CODE	LABOR ALLOWANCE	TRAVEL ALLOWANCE
Service Action – Ground Relocation	PSB-2008-028	0.3-hours	Not Applicable
Add-on to campaign, IF REQUIRED: Harness Replacement	Add-on Labor Code, IF REQUIRED: PSB-2008-028A	2.4-hours	Not Applicable

Claim Guidance:

- **Use the campaign code to load claim template**
- **Change claim type to "Campaign".**
- **The iWarranty system will auto-populate 0.3 hours in the labor field.**
- **If the Harness replacement is required, submit an additional 2.4 hours labor, using Flat Rate Code PSB-2008-028A and post the harness part number.**
- **Note: Adding extra labor and parts to the Campaign claim form will trigger an error message; submit the claim anyway.**
- **This Action expires 48 months after original retail date for eligible units.**

Repair Instructions



Before Servicing and Repairing

- Park the machine on firm and level ground and set parking brake.
- Lower the implement to the ground.
- Stop the engine and remove the key.
- Disconnect the battery negative cable.
- Hang a **"DO NOT OPERATE"** tag in the operator station.

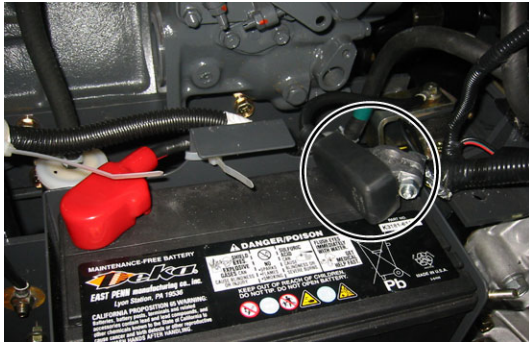


Fig. 1

1. Remove the battery cover and disconnect the negative battery cable. (Fig. 1)

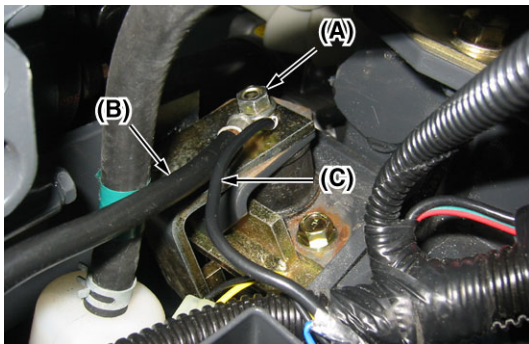


Fig. 2

2. (Right Hand Side Only)
Remove the nut (A), negative battery cable (B), harness ground wire (C), washer (D), and engine stopper (E). Fig. 2 & 3

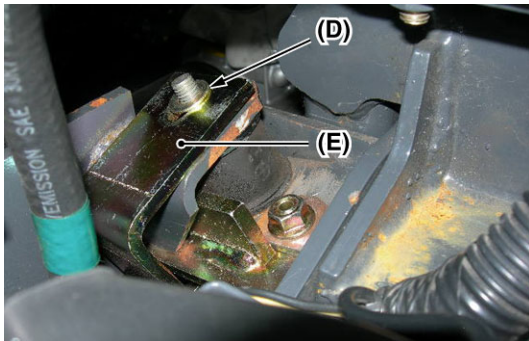


Fig. 3

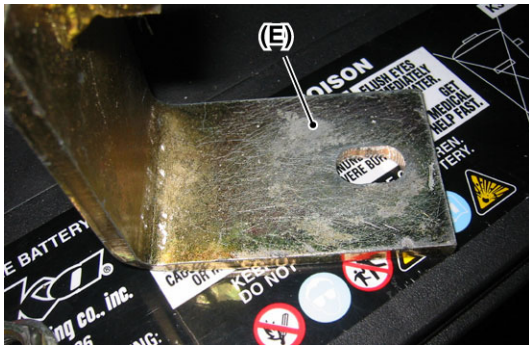


Fig. 4

3. Inspect the engine stopper (E) and engine support (F) for corrosion, paint, and burs. If any are found, sand down the problematic areas. Fig. 4 & 5
IMPORTANT: Area needs to be clean and free of debris to ensure proper contact.

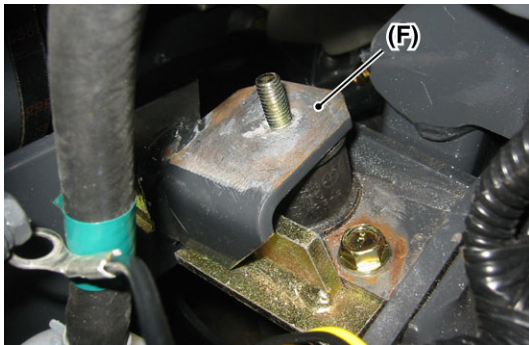


Fig. 5

Re-install any shims which were originally located between this bracket and the stopper bracket.

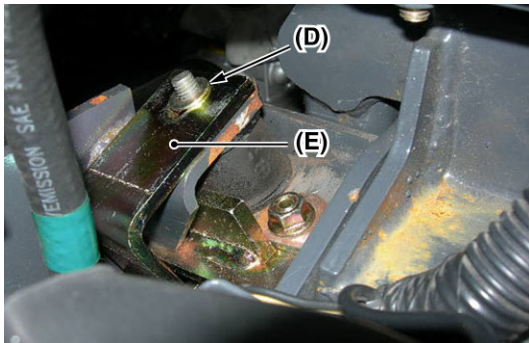


Fig. 6

4. Once clean, re-assemble engine stopper (E) and washer (D).
 Fig. 6



Fig. 7

5. Remove nut and bolt (Y) from the frame. Remove the corrosion and paint from the frame. Fig. 7



Fig. 8

6. Secure the harness ground wire (C) to the nut and bolt (Y).
7. Torque the nut to 13-15 ft-lbs (18-20 N-m) Fig. 8

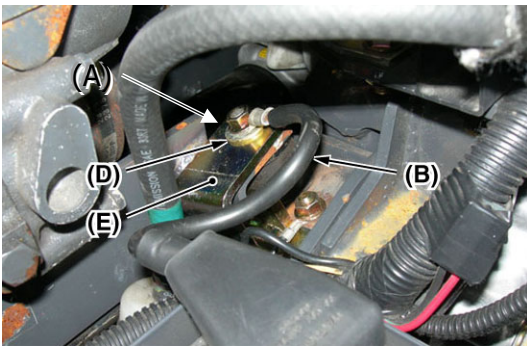


Fig. 9

8. Place the negative battery cable (B) to the engine stopper (E) and washer (D) with nut (A). Fig. 9
IMPORTANT: Slide the engine stopper (E) to its most forward position while tightening the nut (A)
 Torque the nut to 13-15 ft-lbs (18-20 N-m) Fig. 9

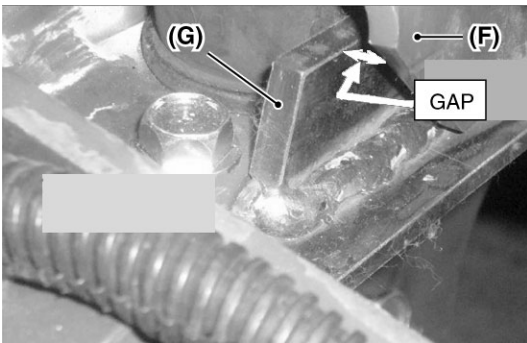


Fig. 10

9. Verify correct GAP between stopper (G) and engine support (F). GAP tolerance is 1-4 mm (0.04-0.1 in) Fig. 10

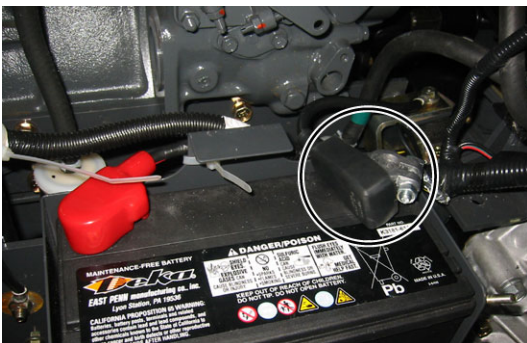


Fig. 11

10. Reconnect the negative battery cable to the battery and reinstall the battery cover. Fig. 11