

Affected Models: Lawn Tractors With a 42 inch Mowing Deck, Model Numbers Beginning with **13**, a Number **7** in the 5th Model Position, and the Letter **S** in the 8th Position.
Example: **13XX7XXSXXX**

Affected S/N Range: N/A

Date: September 26, 2016

Subject: Excessive Vibration with the Mowing Deck Engaged.

NOTE: These materials are prepared for use by trained technicians who are experienced in the service and repair of equipment of the kind described in this publication, and are not intended for use by untrained or inexperienced individuals. Such individuals should seek the assistance of an authorized service technician or dealer.

NOTE: Always wear eye protection while servicing equipment. Wear hearing protection when appropriate. Always work in a well ventilated area and follow all safety precautions when dealing with combustible materials.

NOTE: Left (LH) and Right (RH) sides are determined from the operator's position and facing in the forward direction

This Advisory is Fix-As-Fail

Purpose: There have been sporadic reports of excessive vibration with the mowing deck engaged. Should you receive customer complaints of this nature, proceed with the following instructions.

Corrective Action: Order from your source of supply, one of part number 783-09457, Deck Idler Bracket, and two of part number 712-04065, Nylon Flange Lock Nut. Figure 1.

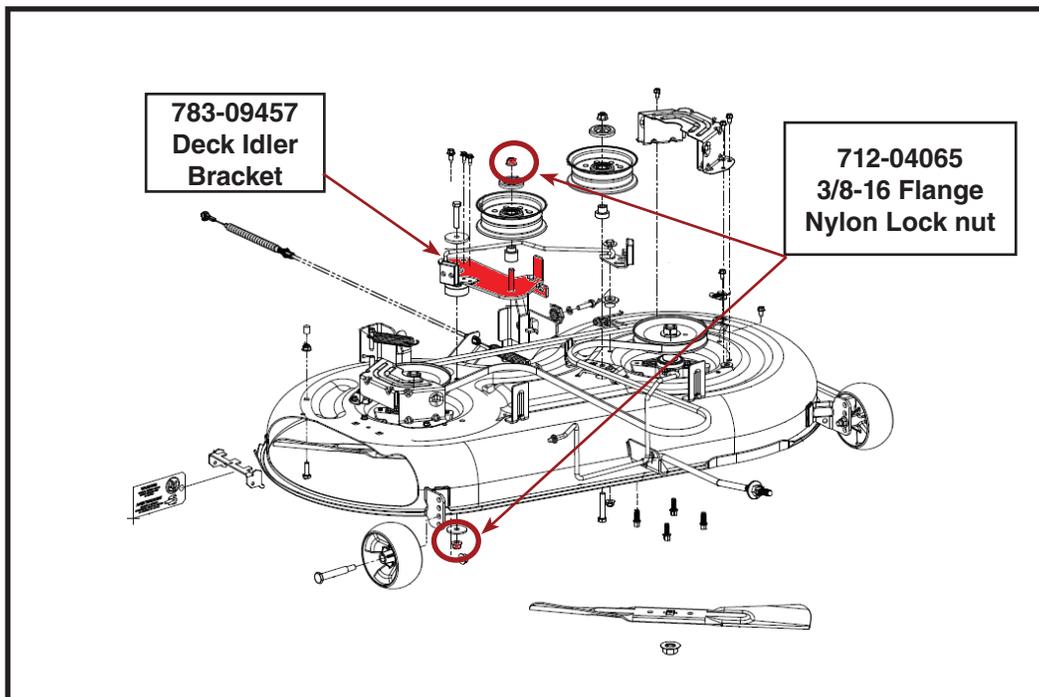


Figure 1

NOTE: Before proceeding, verify that all other possible causes of excessive vibration such as blade balance, a worn belt, loose, broken or missing spindle/bracket mounting hardware, failed welds of the deck hangers, damaged pulley(s), etc. have been corrected.

Installation Procedure:

1. Remove the mowing deck per the instructions found in the Operator's Manual.
2. Place the deck on a suitable deck cart or workbench that allows access to work underneath of it.
3. Remove the 3/8-16 hex flange nylon locknut and pulley cap from the idler pulley. Figure 2. **NOTE: The bolt head can be accessed from below the idler bracket.**

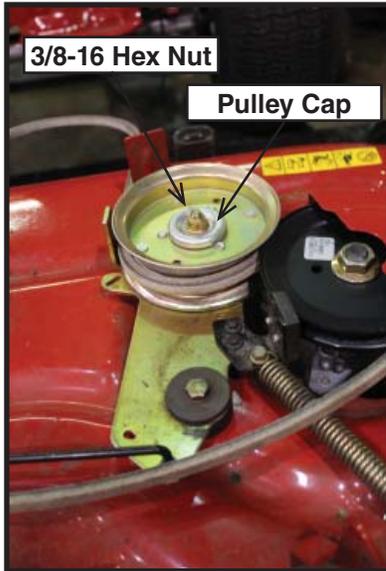


Figure 2

4. Remove the idler pulley and the shoulder spacer. Figure 3. The bolt can be removed later, with the idler bracket.



Figure 3

5. Using a spring puller or other suitable tool, unhook the brake spring from the anchor point on the mowing deck.
6. Remove the 3/8-16x1.75" hex screw that secures the idler bracket to the cutting deck. NOTE: The nut can be accessed from under the cutting deck. Also remove the pulley spacer. Figure 4.

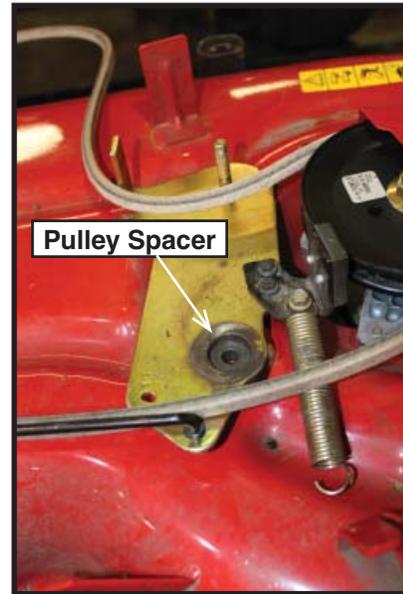


Figure 4

7. Remove the idler bracket from the mowing deck brake rod by rotating it 180 degrees on the brake rod, to release it from the keyhole slot in the idler bracket. Remove the pulley mounting bolt and brake spring from the idler bracket.
8. Transfer the brake assembly to the new idler bracket using the existing self-tapping bolts. Tighten the bolts securely, being careful not to over tighten them. Figure 5.

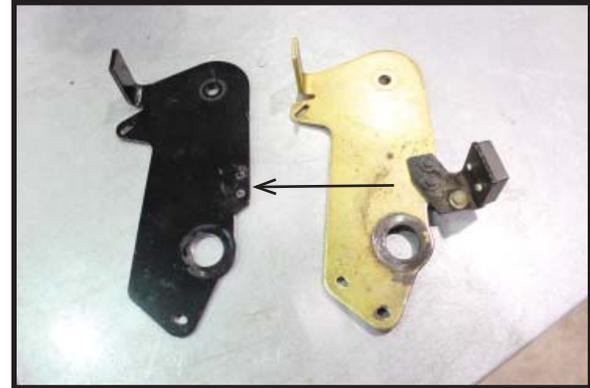


Figure 5

9. Install the new idler bracket onto the mowing deck in reverse order of removal using the new locknuts. Tighten all hardware securely.
10. Install the mowing deck back onto the rider per the instructions found in the Operator's Manual
11. Operate the rider in a safe area to verify the correct operation of the mowing deck and that all safety features are functioning correctly.

Warranty: Normal warranty terms apply. Indicate Service Advisory **MTD-214** and **783-08654B** as the original failed part on the claim. Repair time allowance is **0.7** hours.

Mandatory>>>>When completing the warranty claim, select the drop down text shown below for the following claim fields:

Group Code: Implement, Housing, Lift Mech

Fail Code: Vibrates

Work Performed: Blade Brake Assembly

SERVICE MANAGER	PARTS MANAGER	SALES MANAGER	SERVICE TECH.	SERVICE TECH.

Circulate and Initial

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