



Service Kit 759-04278

Date: August 31, 2010 Revised 2/07/12
 Subject: 1" Cutting Height Kit
 Models Affected: Z-Force, Enforcer & Commercial Z-Force / Z-Force Pro
 Serial Number Affected: 2008 Production through 2010.

PURPOSE: This Service Kit when installed allows for 1" cutting height of the fabricated mower deck of all sizes on the Z-Force, Enforcer and Commercial Z-Force / Z-Force Pro units manufactured 2008 to 2010 Model Years.

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: Save this Instruction Sheet. Refer to it when ordering replacement parts.

759-04278 Service Kit Contents

ITEM NO.	PART NUMBER	QTY	DESCRIPTION
1	00012226	1	90* Grease Fitting
2	01002564	1	.76 ID x 2.0 OD x .477 Spacer
3	01003269	3	.438 x 1.75 x .250 Washer
4	02004447	1	4.88 OD Idler Pulley
5	710-04576	1	3/8-16 x 3.75" HHCS
6	710-05110A	1	3/4-16 x 7.7" Spindle Bolt
7	710-05417	2	3/4-16 x 5.625" Spindle Bolt
8	712-04065	3	3/8-16 Nylon Lock Flange Nut
9	737-3000	2	3/16 Drive In Lube Fitting
10	748-3101A	3	Blade Spacer

Instruction sheet included with kit.

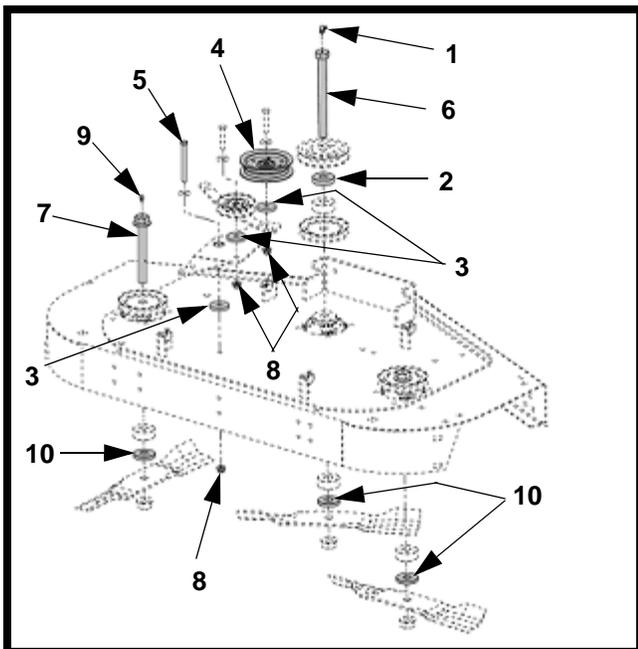


FIGURE 1

The following instructions are for installation of the 759-04278 Service Kit on the Z-Force 44. For additional models affected, Refer to their Operator's Manual when needed, for deck removal and adjustments.

INSTRUCTIONS:

1. Park unit on a flat level surface.
2. Disconnect the negative battery cable from the negative battery terminal first, then disconnect the positive battery cable from the positive battery terminal.
3. Place the deck lift pedal in the lowest mowing position and install the pin in front of the pedal in the deck height bracket to secure the pedal in place.
4. Reduce the tension on the PTO belt by moving the idler arm lever toward the back of the unit, then remove the belt from the pulley. See Figure 2.

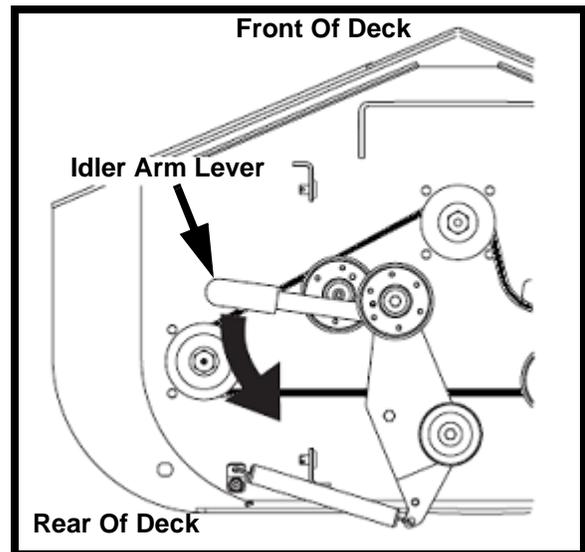


FIGURE 2

5. Remove the four hair pins from the right and left side of the deck lift bracket.
6. Shift the deck forward until the trailing link is free of the deck bracket.
7. Turn the front caster wheels outward.

8. While supporting the trailing link up and away from the deck bracket, remove the deck from under the unit.
9. Remove all belt guards from mower deck.
10. Release tension on the deck spindle belt by rotating the torsion spring loaded idler arm pulley assembly away from the deck belt and remove the belt. See Figure 3.

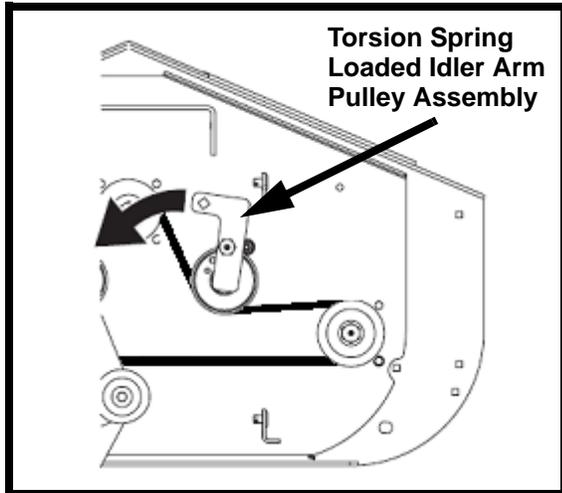


FIGURE 3

11. Remove the LH blade spindle bolt, nut, blade spacer and blade from the spindle assembly. Discard the blade spindle bolt.
12. Install one (1) of Ref. #9 (737-3000) 3/16" drive in lube fitting into one (1) of Ref. #7 (710-05417) 3/4-16 x 5.625" spindle bolt.
13. Install the above spindle bolt through the spindle pulley and spindle assembly.
14. Finish assembling the LH spindle assembly from the underside of the deck with the existing blade spacer and one (1) of Ref. #10 (748-3101A) blade spacer, the blade, (wing side up) and secure with the blade nut. Torque the spindle bolt and blade nut to 80-100 ft. lbs. See Figure 4.

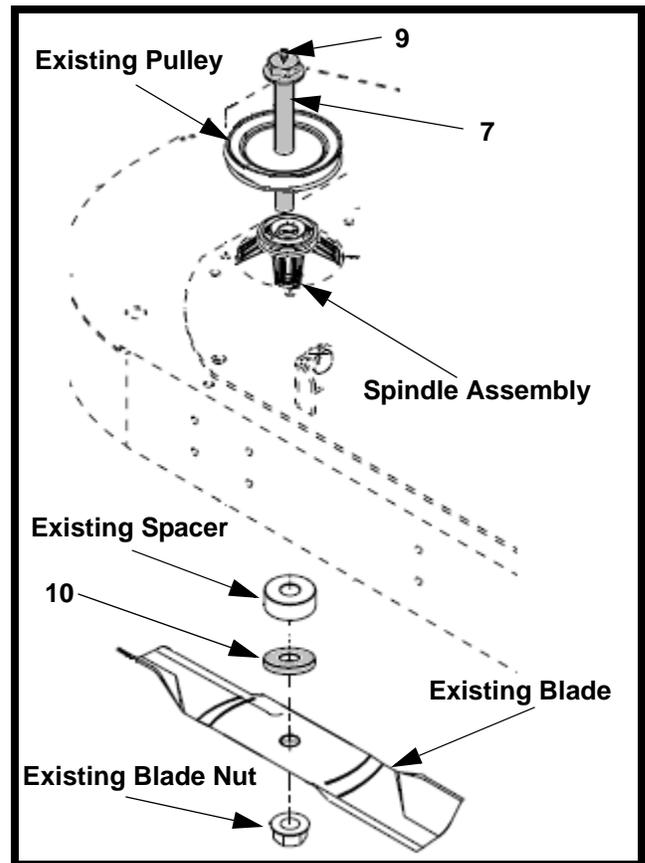


FIGURE 4

15. Repeat steps 11 through 14 for the RH spindle assembly, then proceed to step 16.
16. Remove the center blade spindle bolt, nut, blade spacer and blade from the center spindle assembly. Discard the blade spindle bolt and washer between spindle bolt head and cast iron pulley.
17. Install Ref. #1 (00012226) 1/4-28 x .788" 90 degree grease fitting into Ref. #6 (710-05110A) 3/4-16 x 7.7" spindle bolt. See Figure 5.
18. Install the spindle bolt through the cast iron spindle pulley. See Figure 5.
19. Install Ref. #2 (01002564) below the cast iron pulley on the spindle bolt with the existing spacer installed next. See Figure 5.
20. Install the spindle deck pulley next onto the spindle bolt. See Figure 5.
21. Install the blade spindle bolt with all items installed in steps 17 through 20 through the center spindle assembly. See Figure 5.
22. Finish assembling the center spindle assembly from the underside of the deck with the existing blade spacer and one (1) of Ref. #10 (748-3101A) blade

spacer, the blade, (wing side up) and secure with the blade nut. Torque the spindle bolt and blade nut to 80-100 ft. lbs.

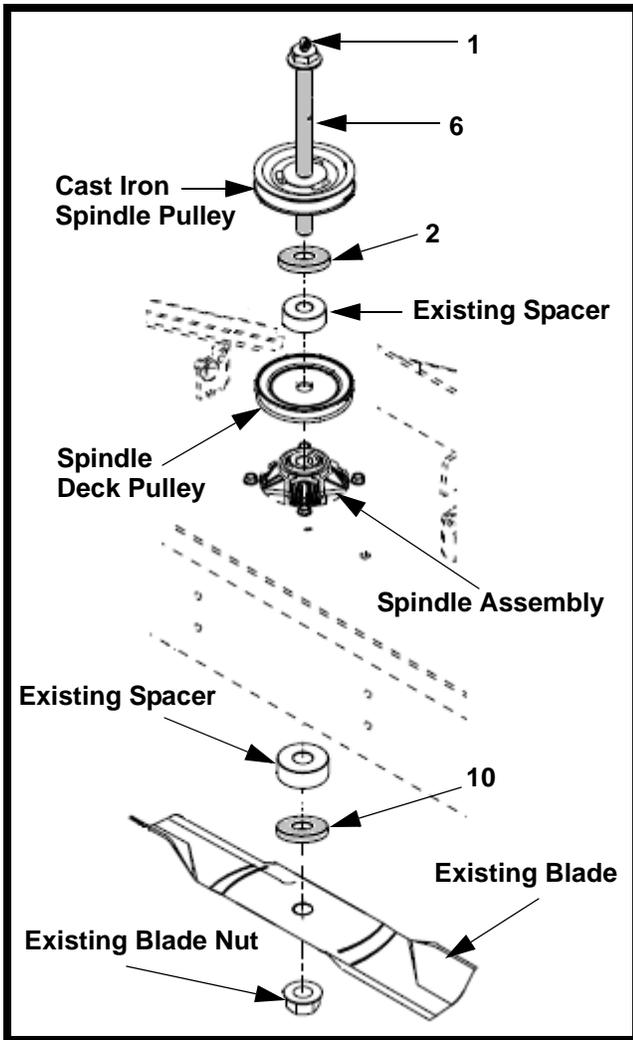


FIGURE 5

23. Remove the 3/8-16 x 2.75" hex bolt, flat washer and nylon lock flange nut that secures the double idler arm assembly to the deck housing. Discard bolt and nut.

24. Remove the 3/8-16 x 2.0" hex bolt, flat washer and nylon lock flange nut that secures the 4.25" OD riveted flat idler pulley to the double idler arm assembly. Discard the 4.25" OD riveted flat idler pulley.

25. Remove the 3/8-16 x 2.0" hex bolt, flat washer and nylon lock flange nut that secures the 3.5" OD v-idler pulley to the double idler arm assembly.

26. Install one (1) of Ref.# 3 (01003269) .438 x 1.75 x .250" washer between the 3.5" OD v-idler pulley and double idler arm assembly. Secure the v-idler pulley and washer to the double idler arm assembly with the 3/8-16 x 2.0" hex bolt, flat washer and one (1) of Ref.# 8 (712-04065) 3/8-16 nylon lock flange nut. Tighten the nut and bolt securely. See Figure 6.

27. Install one (1) of Ref.# 3 (01003269) .438 x 1.75 x .250" washer between Ref.# 4 (02004447) 4.88" OD flat idler pulley and the double idler arm assembly. Secure the flat idler and washer with the 3/8-16 x 2.0" hex bolt, flat washer and one (1) of Ref.# 8 (712-04065) 3/8-16 nylon lock flange nut. Tighten the nut and bolt securely. See Figure 6.

28. Install one (1) of Ref.# 3 (01003269) .438 x 1.75 x .250" washer between the double idler arm assembly and deck housing. Secure the double idler arm assembly to the deck housing with Ref.# 5 (710-04576) 3/8-16 x 3.75" hex bolt, flat washer and one (1) of Ref.# 8 (712-04065) 3/8-16 nylon lock flange nut. Tighten the nut and bolt securely. See Figure 6.

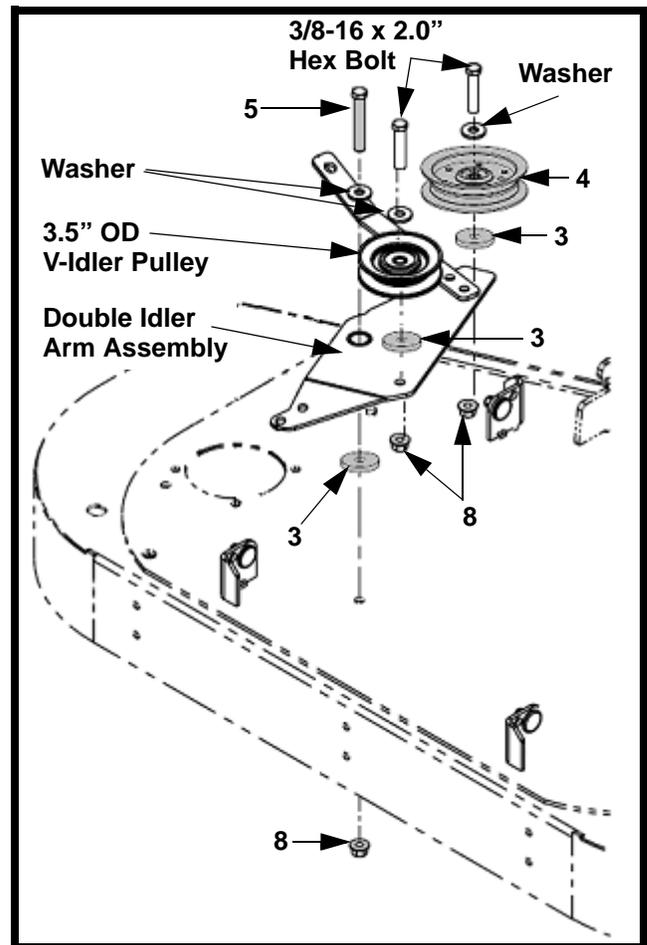


FIGURE 6

29. Install the spindle/deck belt. See Figure 7 for belt routing, (Z-Force 44 Shown) or refer to Operators Manual.

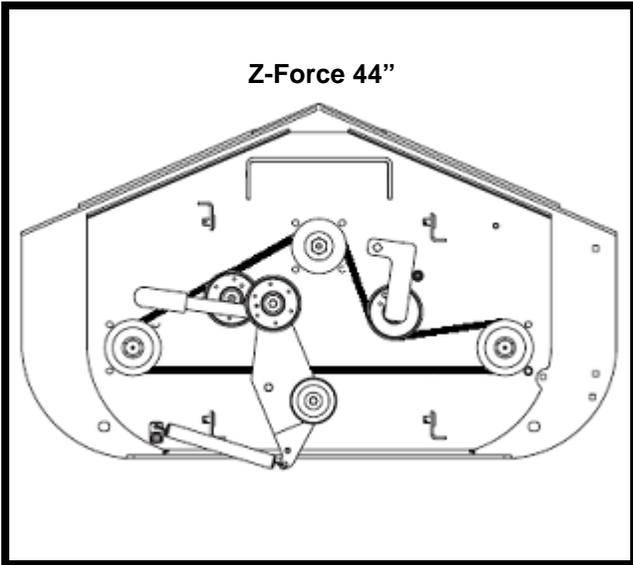


FIGURE 7

30. Install all belt guards back in place on the mower deck.

31. Install the deck assembly onto the unit, following steps 3-8 in reverse order or refer to the units Operator's Manual for deck installation instructions.

32. Level the deck per the instructions listed in the units Operator's Manual.

33. Connect the positive cable to the positive battery terminal first, then connect the negative battery cable to the negative battery terminal.

34. Start and run unit. Confirm that all safety features are operating correctly.

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