



Service Kit 759-04186

Date: June 24, 2008 Rev. 3/07/09

Subject: 738-04075 Steering Shaft

Models Affected: LT1018, LT1022, LT1024, LT1040, LT1042, LT1045, LT1046, LT1050, GT1222, GT1554, SLT1550, SLT1554.

PURPOSE: The 738-04075 Steering Shaft is No Longer Available. Replace with 759-04186 Service Kit containing a 738-04262 Steering Shaft and matching 741-04237B Hex Flange Bearing.

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.

759-04186 Service Kit Contents

ITEM NO.	PART NUMBER	QTY	DESCRIPTION
1	738-04262	1	Steering Shaft
2	741-04237B	1	Hex Flange Bearing
3	712-0459	1	7/16-20 Flange Lock Nut

Instruction sheet included with kit.

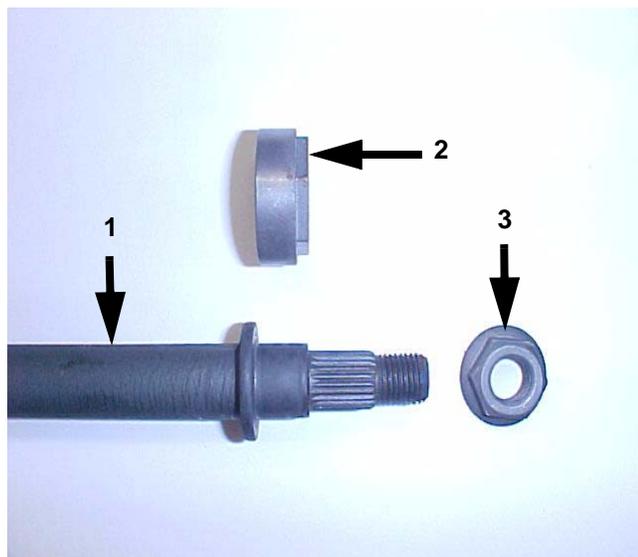


FIGURE 1

Installation Instructions: These instructions are written for an LT1042. Due to differences in models and engine combo's, steps may vary per model.

1. Park unit on a flat level surface.
2. Set Parking Brake.
3. Disconnect the Negative Battery Cable and Positive Battery Cable from the Battery Terminals. Remove the

Battery Hold Down Rod and remove the Battery.

4. Remove the two screws from the center of the Battery Support Bracket that secure the Steering Shaft Bearing Support Bracket. See Figure 2.

5. It is suggested to remove the Battery Support Bracket and Dash Support Plate if present. This allows easier access to the Hex Flange Bearing. **NOTE:** The Battery Support Bracket does not need complete removal from the unit just disconnected from the right and left Dash Supports, so it can be moved out of the way. See Figure 2.

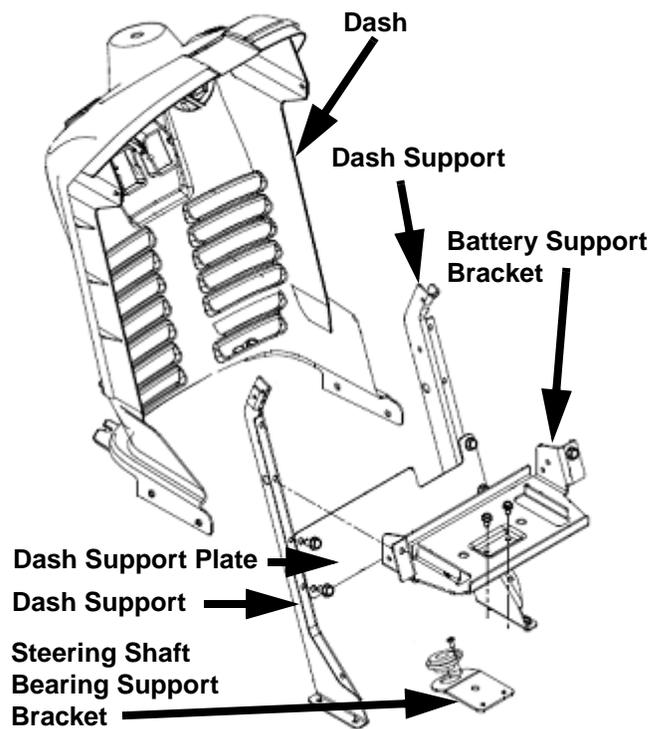


FIGURE 2

6. Remove the Mower Deck. Refer to the Operator's Manual for Deck removal instructions. **NOTE:** The Mower Deck does not have to be removed for this repair but removal does allow easier access.
7. Disconnect the Wires to the Seat Switch. Remove the Seat Assembly.
8. Remove the Fender Assembly to gain access to the Screws that secure the Dash to the Frame and Dash Dash Supports.
9. Remove the center Steering Wheel Cap.
10. Loosen the Bolt that secures the Steering Wheel to the Steering Shaft. Do Not Remove. Loosen to allow the Steering Wheel to break free from the retention of the splines.
11. Carefully pull the Steering Wheel upward with even force applied to the Steering Wheel. **NOTE:** When removing the Steering Wheel, it may be necessary to drive the Steering Wheel off of the splined portion of the Steering Shaft using a dead blow hammer.
12. Remove the Bolt, Flat washer and Steering Wheel.
13. Remove the 7/16-20 Flange Lock Nut from the lower end of the Steering Wheel Shaft and discard.
14. The Steering Pinion Gear and Flat Washer may fall off the end of the Steering Shaft. If not, rotate the Steering Shaft or Front Wheels to relieve the tension between the Steering Pinion Gear and Steering Gear.
15. Disconnect the Wire Harness leads to the P.T.O. Switch, Hour Meter and Ignition Switch Module.
16. Remove the Throttle Control Knob from the Throttle Control. Remove the Throttle Control Assembly from the Dash by removing the two (2) Screws.
17. Remove the Cable clamp securing the Choke Cable at the Engine and disconnect the Choke Cable from its area on the Engine. **NOTE: This can vary from Brands of Engines and Models.**
18. Disconnect the Brake Lock Control Rod and the Cruise Control Rod from their Dash Levers.
19. Remove the Screws securing the Dash to the Dash Supports. See Figure 3.
20. Lift the Dash upward off the Steering Shaft and set off to the side.

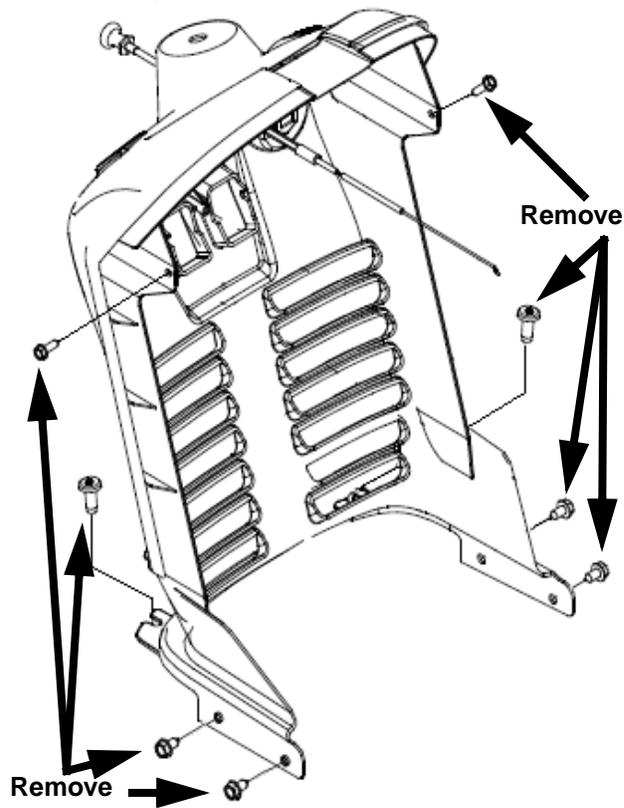


FIGURE 3

21. Remove the Steering Shaft with the Steering Support Bracket and Bearing Assembly.
22. Remove the Steering Support Bracket and Bearing Assembly from the Steering Shaft and install on the new Steering Shaft (**738-04262**).
23. Remove the Hex Flange Bearing from the Steering Support Bracket through the hole in the frame as shown in Figure 4. Discard the Hex Flange Bearing.

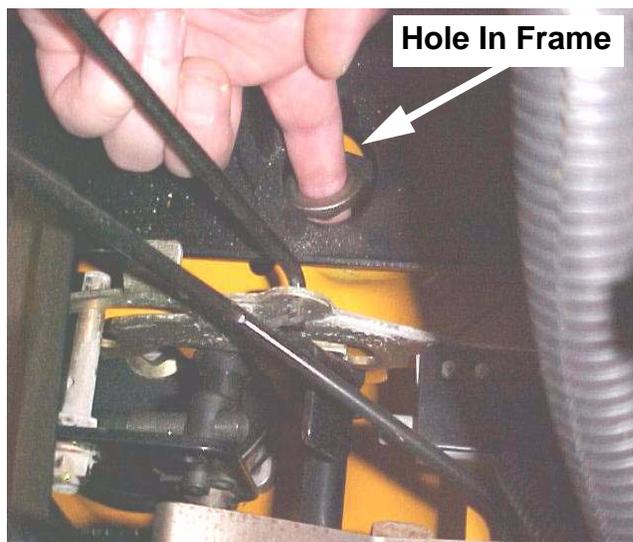


FIGURE 4

24. Install the new Flange Bearing (**741-04237B**) provided in the Service Kit, through the hole in the frame, Figure 5A. Secure into the Hexagonal hole in the Steering Support Bracket, see Figure 5B.

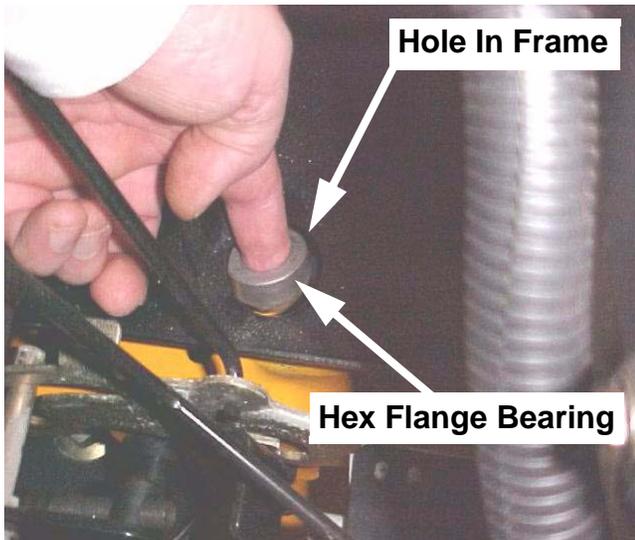


FIGURE 5A

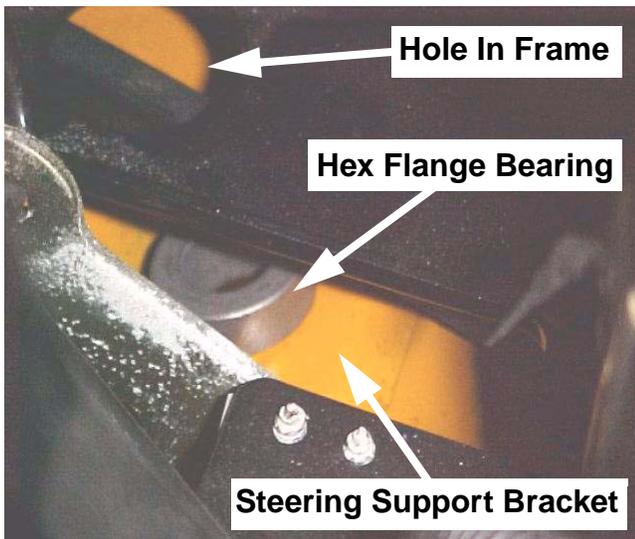


FIGURE 5B

25. Install the new Steering Shaft with Steering Support Bracket and Bearing Assembly back into place through the Hex Flange Bearing in the Steering Support Bracket.

26. Install the Dash back in place over the Steering Shaft.

27. Secure the Dash to the Frame and Dash Supports with the screws removed in step 19.

28. Connect the Brake Lock Control Rod to the Brake Dash Lever and the Cruise Control Rod to the Cruise Dash Lever.

29. Reconnect the Choke Cable to the area on the engine it was removed from in step 17.

30. Install the Throttle Control Assembly into the Dash and secure with the two (2) screws removed in step 16. Install the Throttle Knob onto the Throttle Control Assembly.

31. Reconnect the Main Wire Harness Leads back onto the P.T.O. Switch, Hour Meter and the two (2) leads to the Ignition Switch Module.

32. Make sure the Hex Flange Bearing is in place in the Steering Support Bracket and that the Steering Shaft is installed through the Flange Bearing.

33. Install the Flat Washer then the Steering Pinion Gear that was removed in step 14. onto the Steering Shaft, as shown in Figure 6.



FIGURE 6

34. Install the 7/16-20 Flange Lock Nut (**712-0459**) provided in the Service Kit to the bottom of the Steering Shaft to secure the Flat Washer and Steering Pinion Gear. Torque the 7/16-20 Flange Lock Nut to 450 - 600 in. lbs. / 37.5 - 50 ft. lbs.

35. Set the Front Tires facing forward in a straight line. Align the the Steering Wheel to the center position and install the Steering Wheel to the Steering Wheel Shaft.

36. Turn the Steering Wheel fully to the left then fully to the right. Check center position alignment, adjust if needed.

37. Secure the Steering Wheel to the Steering Shaft with the Bolt and Flat Washer removed in step 12.

38. Install the Battery Support Bracket to the Dash Supports.

39. Install the Steering Shaft Bearing Support Bracket to the Battery Support Bracket.

40. Install the Dash Support Plate below the Battery Support Bracket to the Dash Supports.

41. Install the Mower Deck Assembly if removed. Refer to the Operator's Manual for Deck installation instructions.

42. Install the Battery and Secure the Battery Hold Down Rod, with the Nylon Lock Nut.

43. Connect the Positive Battery Cable to the Positive Battery Terminal. Connect the Negative Battery Terminal to the Negative Battery Terminal.

44. Start and run the unit. Check that all safety features are operating correctly.

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