

SERIES

Date: October 18, 2024

Subject: 603-05859A Replacement Frame Kit

Parts Affected: **603-05859, 603-05859-5017, 603-05859A, 603-05859A-4021** Frame Assembly-ZT1

PURPOSE:

The above listed Affected Part numbers are No Longer Available. This Service Kit Provides a Replacement Frame along with some additional replacement parts needed to make the change on 2019 through 2021 Lap Bar models.

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.

759-05926 Service Kit Contents

ITEM NO.	PART NUMBER	QTY	DESCRIPTION
1	603-08686A	1	FRAME
2	703-26584	1	BRKT:PDL:LIFT:DECK
3	710-0859	1	HHCS:3/8-16:2.50:GR5
4	712-04065	4	NUT:HEXFLAGLK:3/8-16:NYL
5	712-05046	1	NUT:HEXLK:1/2-13:NYL
6	736-0267	1	WASH:FLAT:0.380 X 0.880 X 0.060:HD
7	728-05043	12	NUT:RIV:5/16-18
8	728-05088	2	NUT:RIV:LOCK:5/16-18
9	741-07070	2	BRG:FLG:0.38 X 0.75 X 0.77

Instruction sheet included with kit.

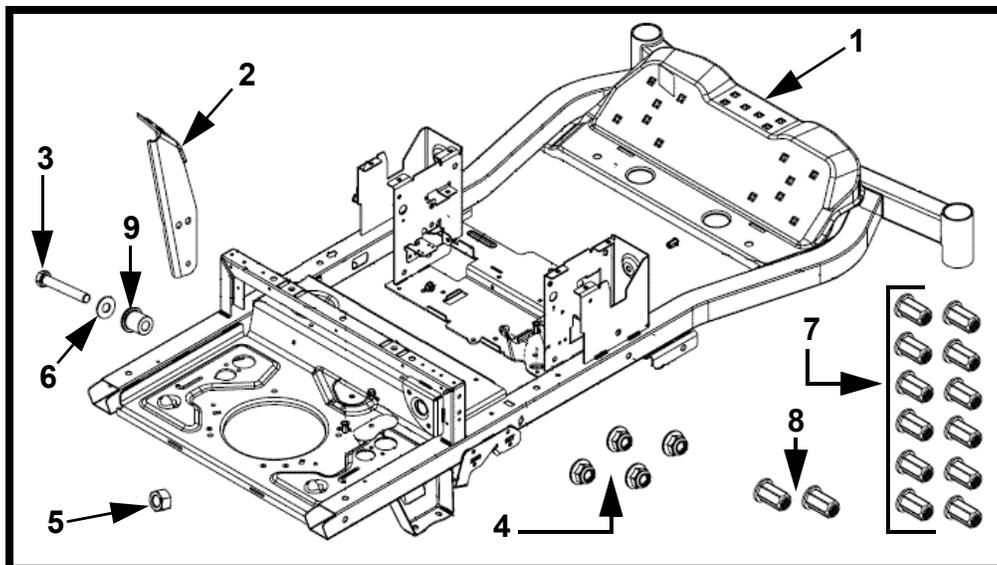


FIGURE 1

Instructions:

1. Park the rider on a flat level surface. Chock the rear wheels.
2. Disconnect the negative battery cable from the negative battery terminal, then disconnect the positive battery cable from the positive battery terminal. Remove the battery and set off to the side.
3. Remove the mower deck assembly. Refer to the Operator's Manual for the deck removal instructions if needed.

NOTE: These instructions Do Not contain Step by Step disassembly and reassembly procedures. We strongly recommend to take photos of all items prior to removal to help in the correct positioning during reassembly.

4. Support the rider with jack stands front and back at their highest position.
5. Start by removing items from the top down to the **603-05859 / 603-05859A** Frame. **NOTE: When possible remove assembled items to reduce the amount of items removed. Examples: Remove the Seat Pan with the Seat attached to it. / Remove the front casters with wheels attached.**
6. When removing plastic retaining clips be careful not to damage as none are supplied with this Service Kit. This Service Kit also does not supply cable ties. These items will need to be acquired as needed.
7. Retain all items removed to be transferred to the new Frame Assembly except for the items provided in this Service Kit. See Figure 2. **NOTE: Riv Nuts can not be removed and reused.**

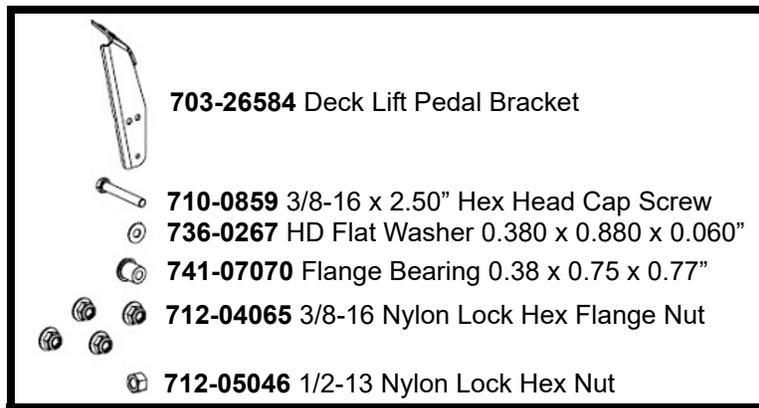


FIGURE 2

8. Remove the old frame from the jack stands and dispose of appropriately. Position the new Frame **603-08686A** on the jack stands. Start assembling the removed items from the bottom up.
9. See Figures 4 through 17 for special torque values and important assembly instructions when reassembling items back on the new frame assembly. Refer to the general torque value chart showed in Figure 3 for all others.

TIGHTEN ALL HARDWARE AS SHOWN BELOW UNLESS OTHERWISE SPECIFIED	
HARDWARE SIZE	GRADE 5 LOCKNUT TORQUE (FT-LBS)
1/4"-20	8-12
5/16"-18	13-20
3/8"-16	21-32
7/16"-14	34-51
1/2"-13	55-85
5/8"-11	95-143
3/4"-10	160-240
1"-8	410-530

NOTE: ALL TORQUES ±20% UNLESS OTHERWISE SPECIFIED

FIGURE 3

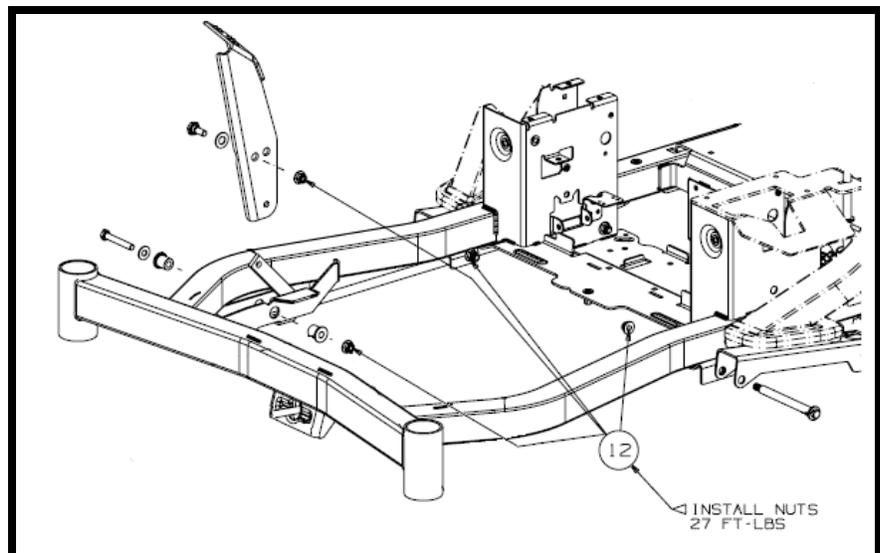


FIGURE 4

10. Riv-nuts can not be reused from the damaged frame. Install the riv nuts contained in this Service Kit using a Riv Nut tool. **NOTE: The Two (2) 728-05088 5/16-18 Lock Riv Nuts are to be installed in the location shown in Figure 5.**

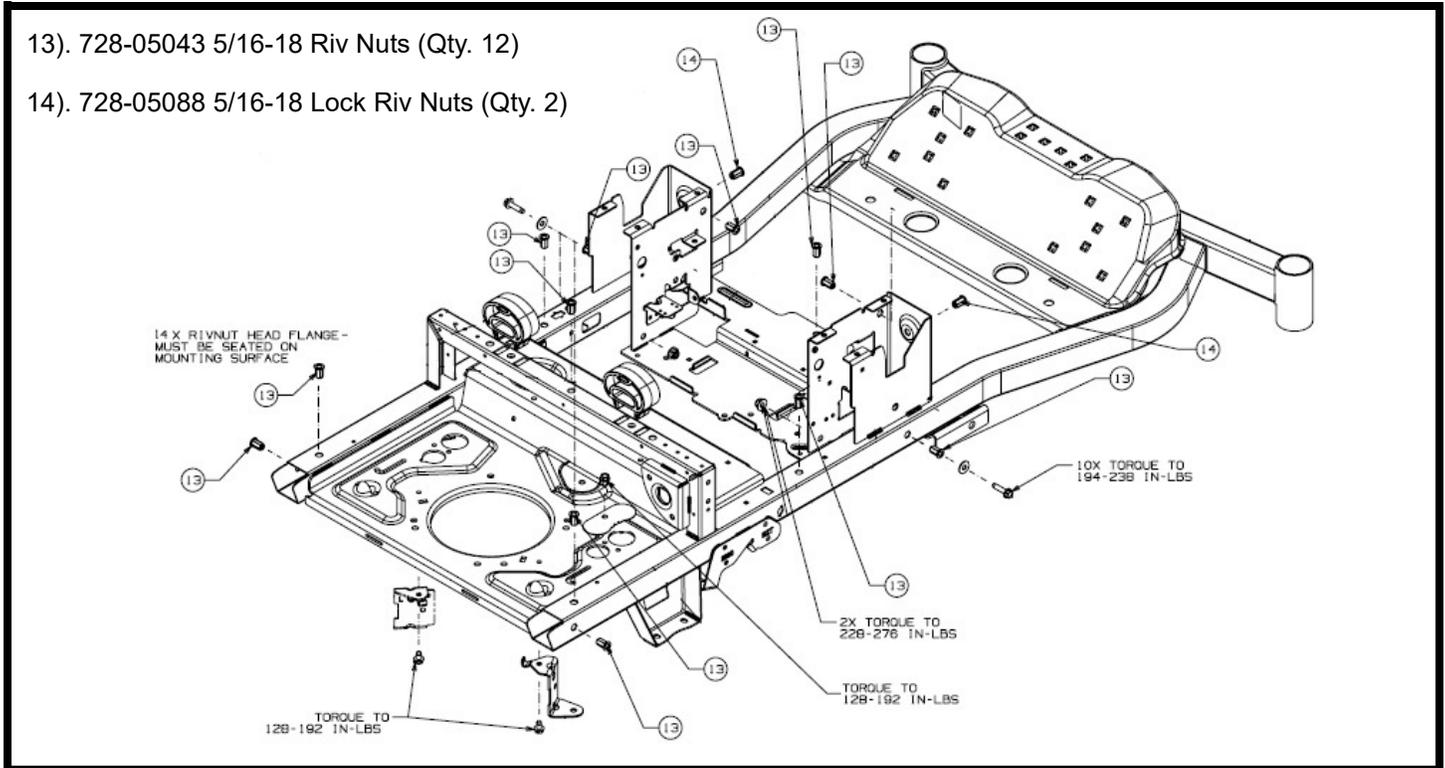


FIGURE 5

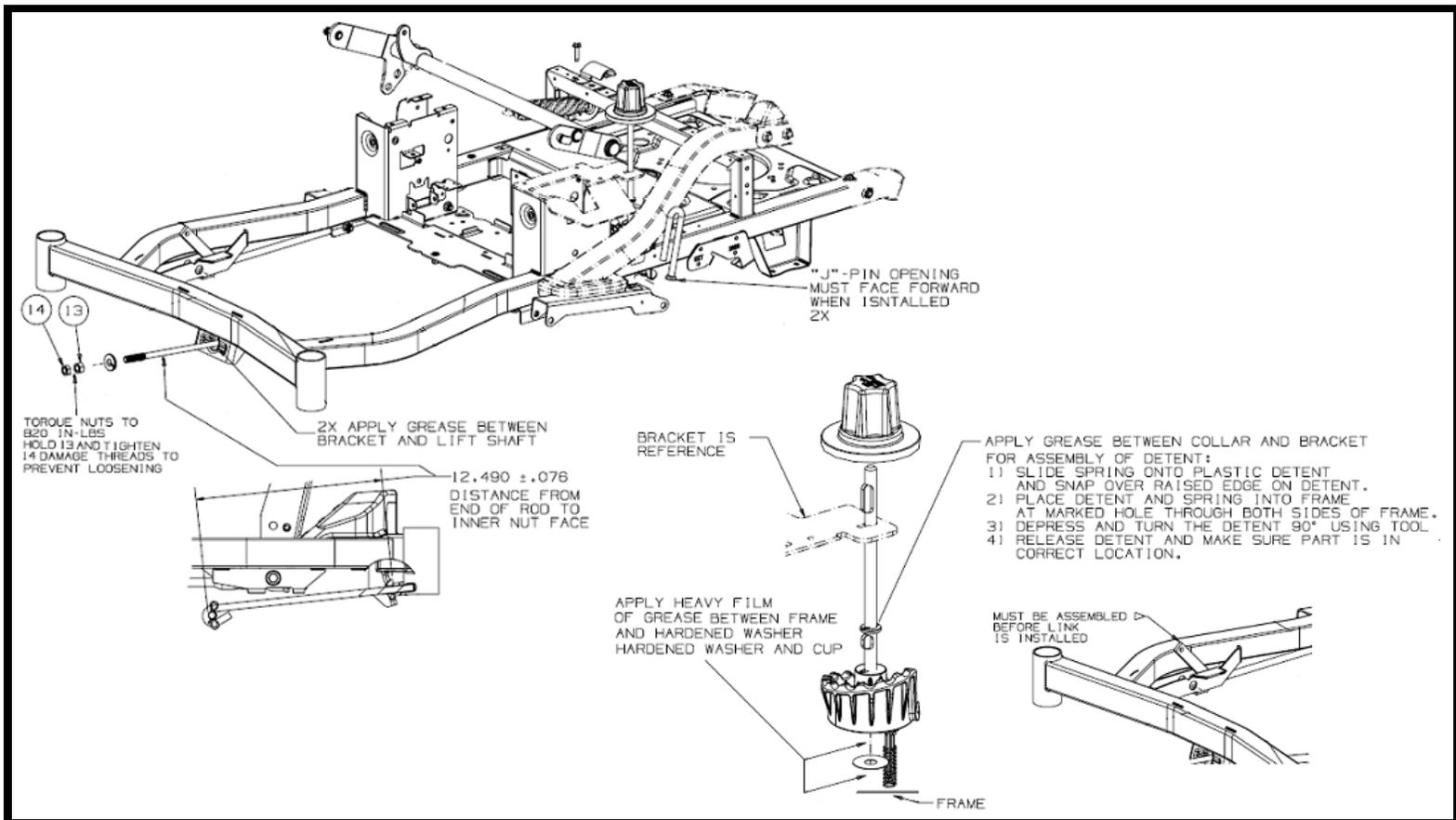


FIGURE 6

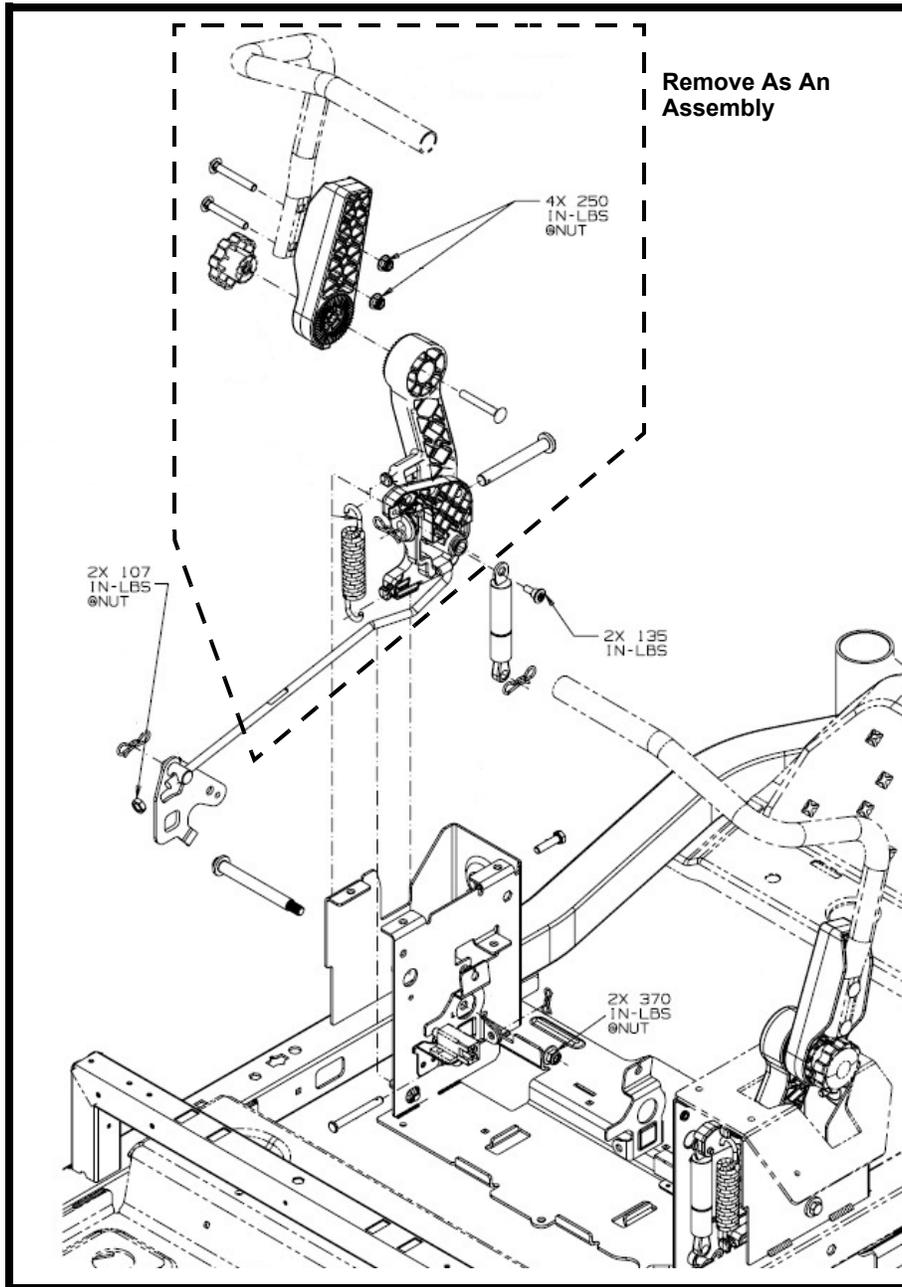


FIGURE 7

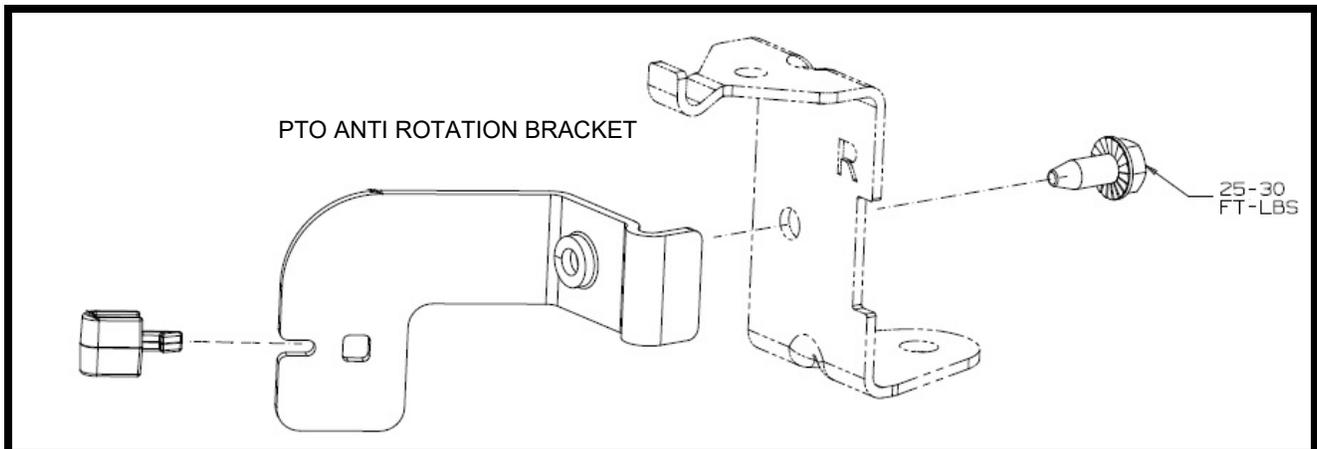


FIGURE 8

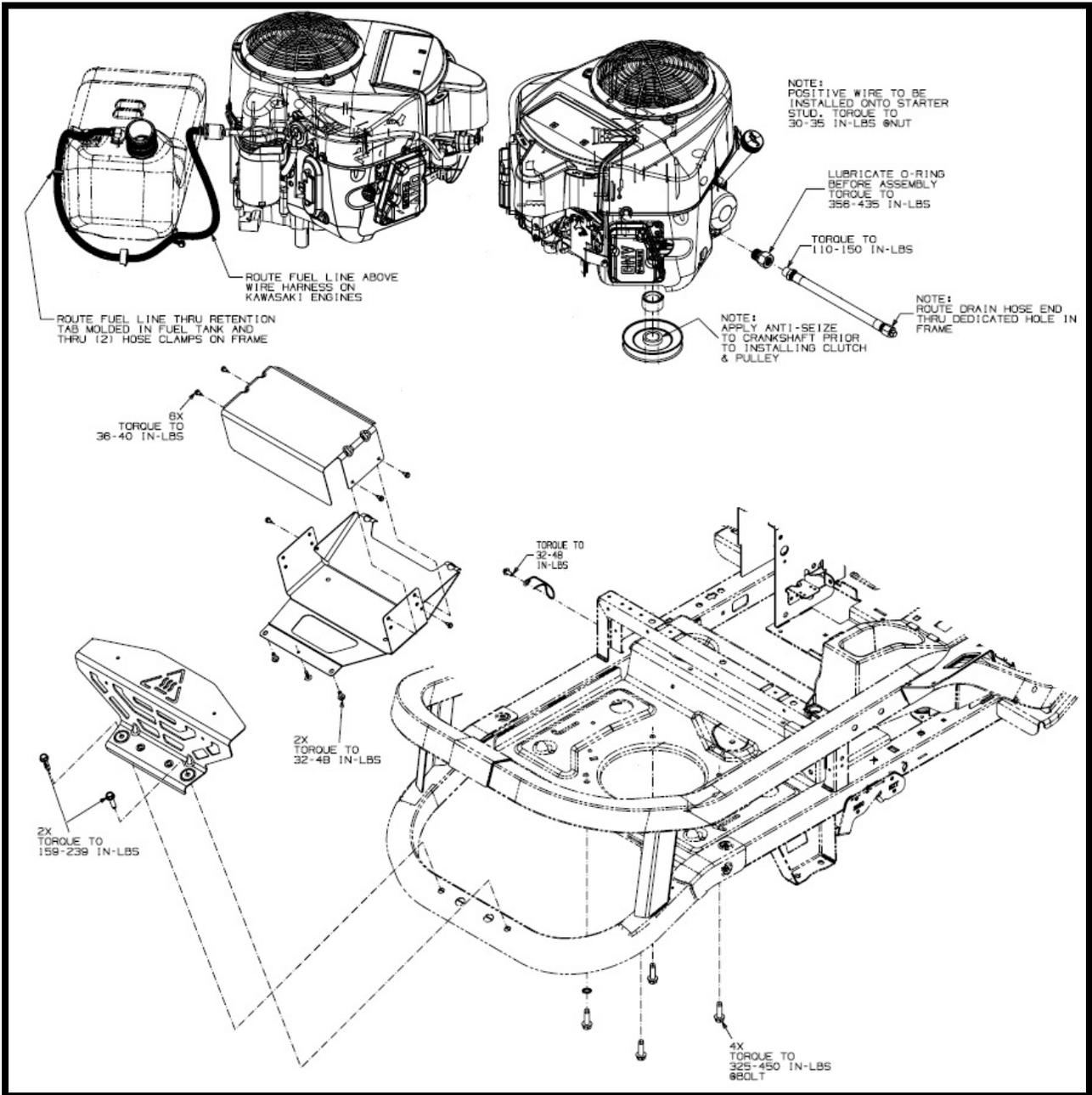


FIGURE 9

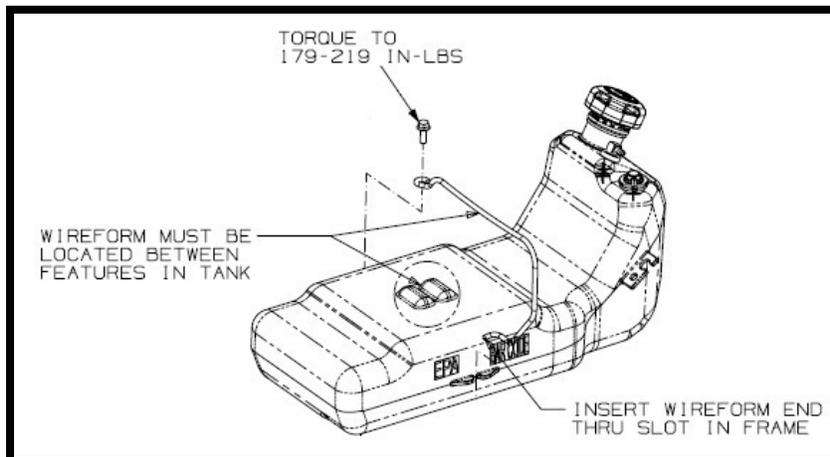


FIGURE 10

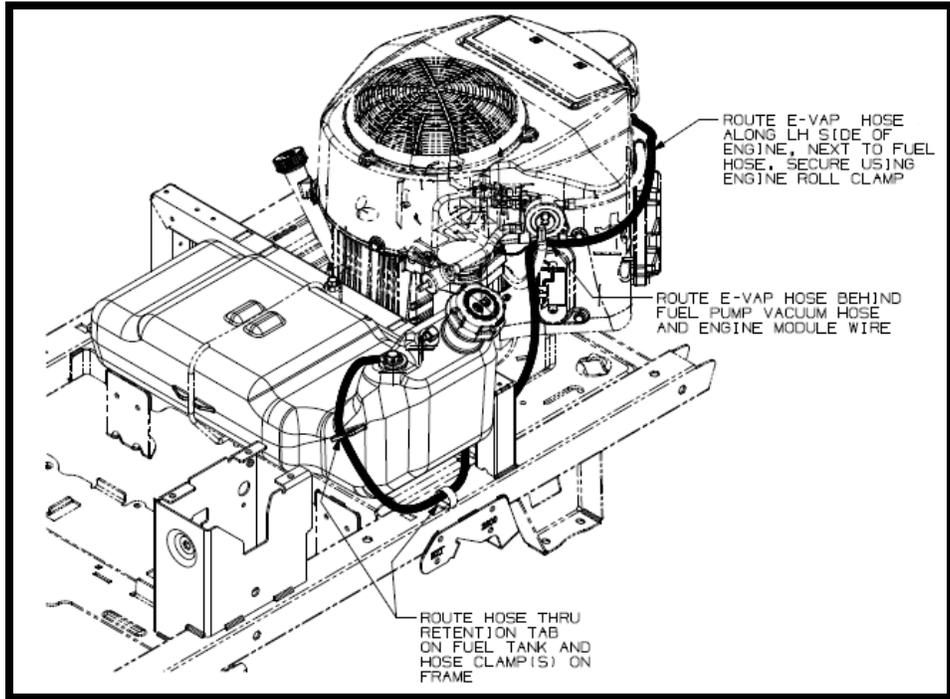


FIGURE 11

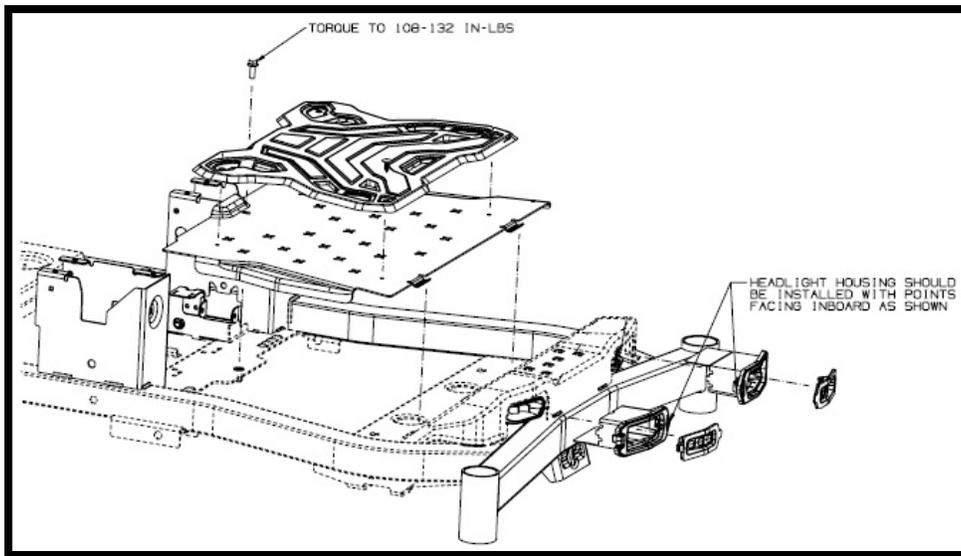


FIGURE 12

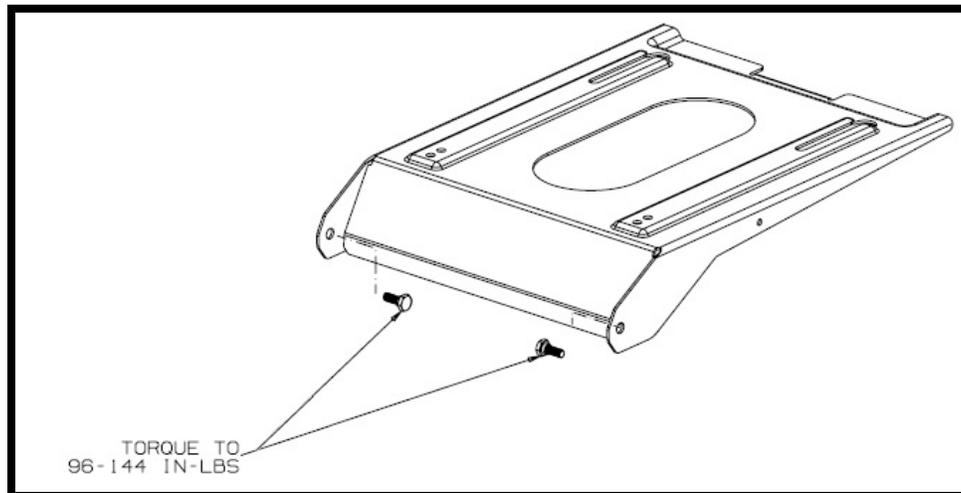


FIGURE 13

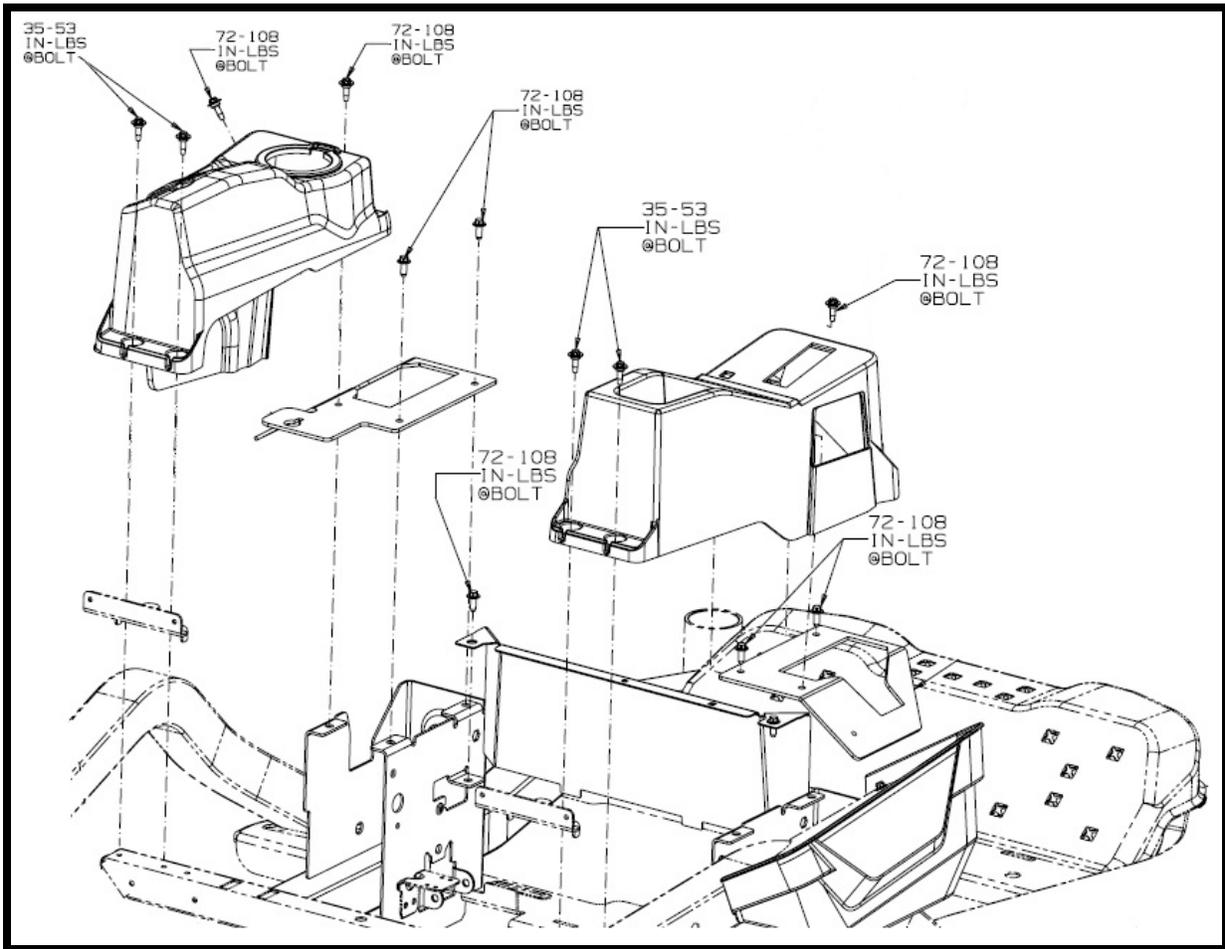


FIGURE 14

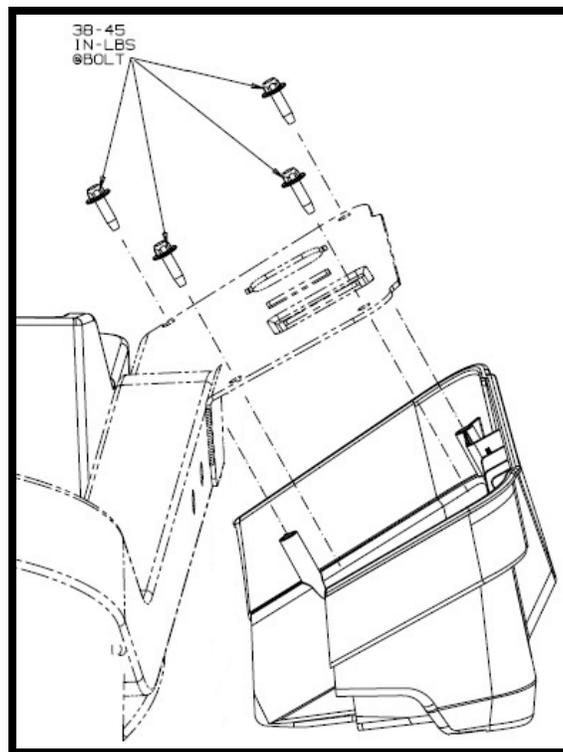


FIGURE 15

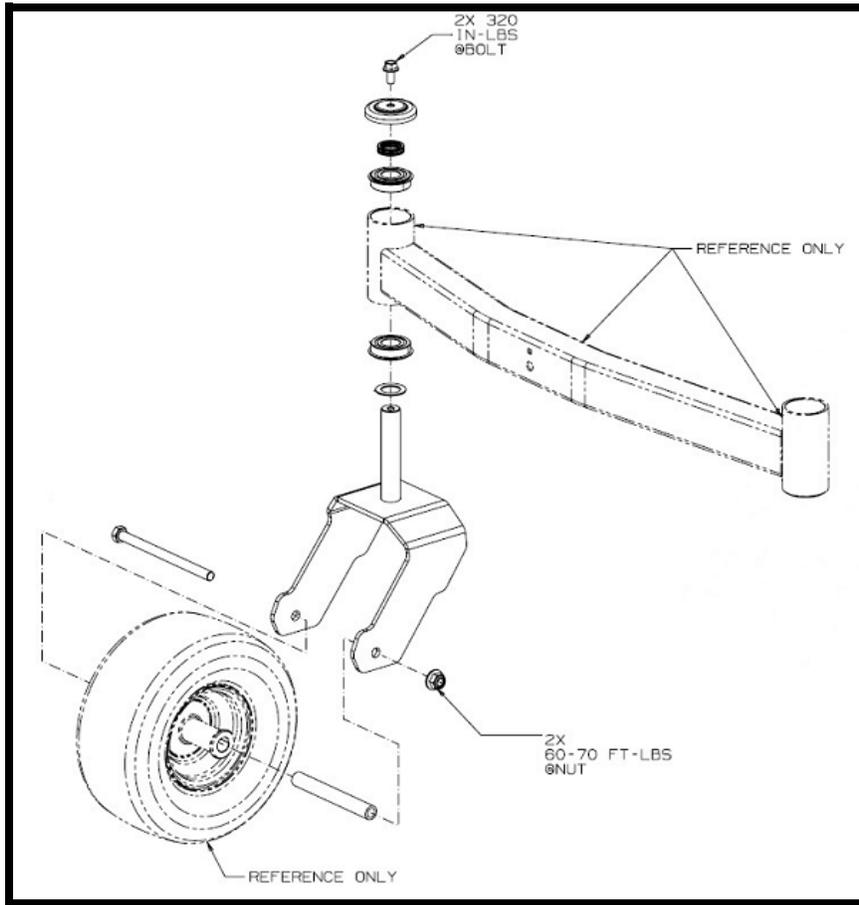


FIGURE 16

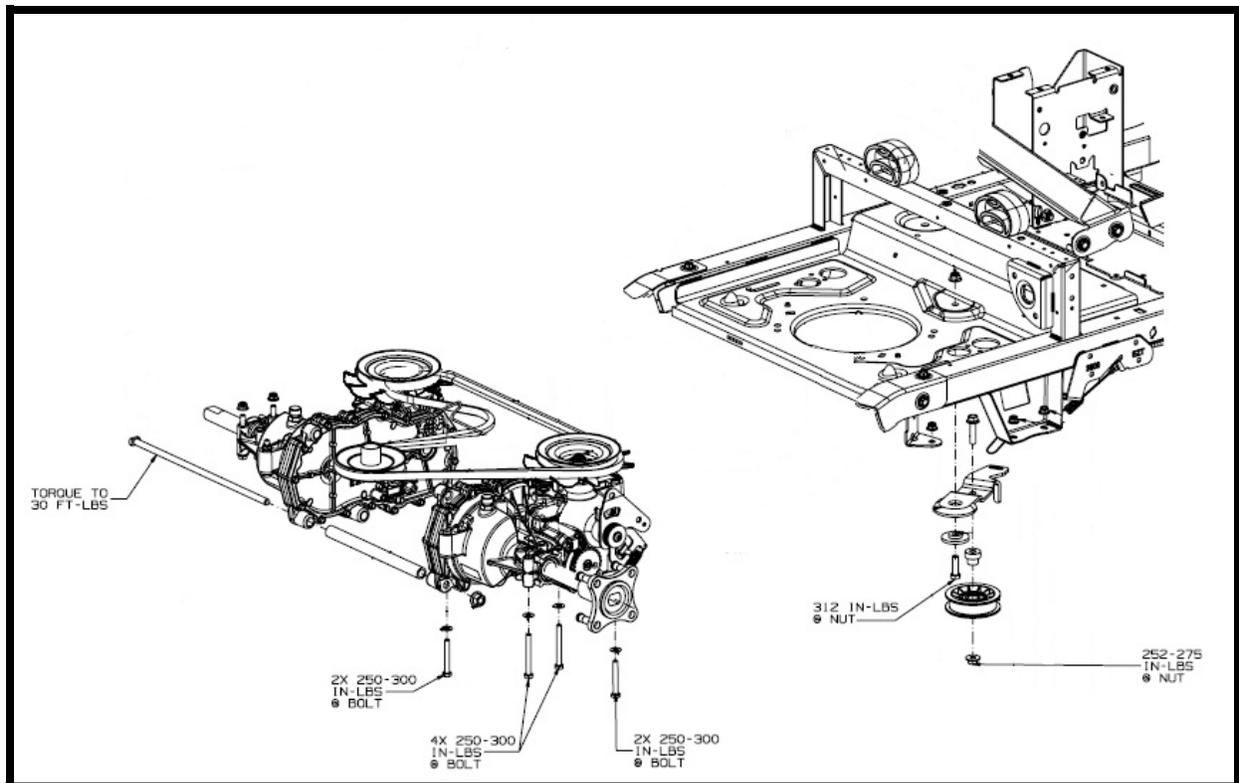


FIGURE 17

11. The rear wheels can be left on the hubs and removed along with the transmission. If not the wheel lug nut torque is shown in Figure 13.

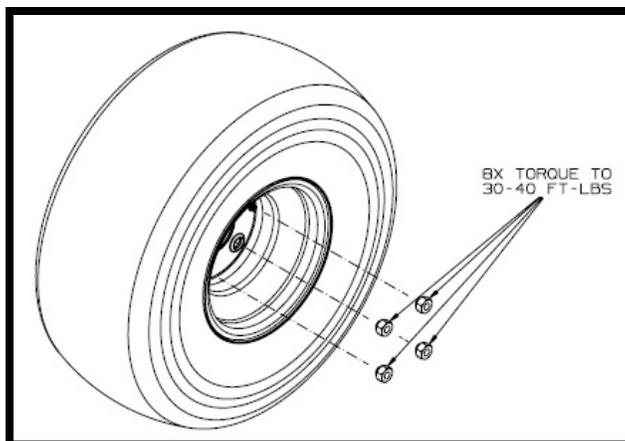


FIGURE 18

12. After all items have been reassembled to the replacement frame install the mower deck. Refer to the Operator's Manual for the deck installation instructions if needed.

13. Install the battery, then connect the positive battery cable to the positive battery terminal, then connect the negative battery cable to the negative battery terminal.

14. Start the rider. Adjust neutral as needed.

15. Use a floor jack to raise the rider to remove the jack stands front and rear.

16. Start the rider and confirm that all safety features are operating properly.

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