

Roll-Over Protection Assembly Instructions



Accu-Z Z52, Z60 & Z72 Zero Turn Mower

Manual No. 356-106M

Before You Start



When you see this symbol, the subsequent instructions and warnings are serious - follow without exception. Your life and the lives of others depend on it!

IMPORTANT: Before you begin, read these instructions and check to be sure all parts and tools are accounted for. Please retain these installation instructions for future reference and parts ordering information.

Your Roll-Over Protection is exclusively designed for your Land Pride Accu-Z Mower. Please read these installation instructions and your Accu-Z Mower Operator's Manual thoroughly before beginning. Especially read information relating to safety concerns. Also included in the Operator's Manual is important information on operation, adjustment, troubleshooting, and maintenance for this attachment (some manual sections do not apply to all accessories).

General Information

These assembly instructions apply to the following Roll-Over Protection Accessories listed below:

701-078A ROPS ACCU-Z PACKAGE

Further Assistance

Your dealer wants you to be satisfied with your new Roll-Over Protection. If for any reason you do not understand any part of this manual or are not satisfied with the service received, the following actions are suggested:

1. Discuss the matter with your dealership service manager making sure he is aware of any problems you may have and that he has had the opportunity to assist you.
2. If you are still not satisfied, seek out the owner or general manager of the dealership, explain the problem and request assistance.
3. For further assistance write to:

Land Pride Service Department
1525 East North Street
P.O. Box 5060
Salina, Ks. 67402-5060

E-mail address
lpservicedept@landpride.com

Assembly Instructions

A detailed listing of parts for this accessory kit is provided on page 6. Use the list as a checklist to inventory parts received. Please contact your local Land Pride dealer for any missing hardware.



NOTE: Note: The Accu-Vac Bagger system can not be used when the Roll Over Protection Structure is installed on the mower.

Assembly Instructions

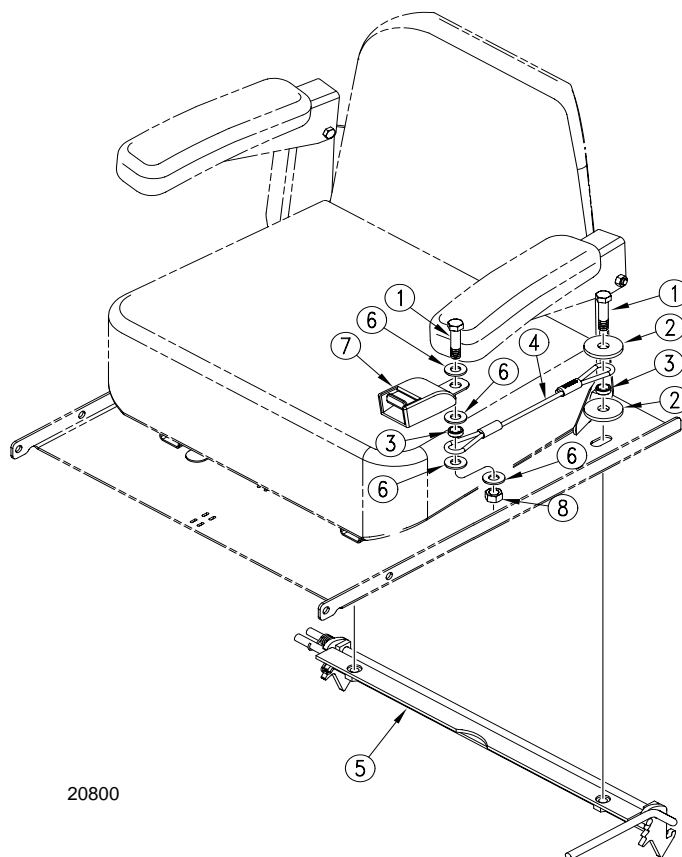
WARNING

Do not modify the Roll Over Protective Structure in any way. This Roll Over Protective Structure has been designed specifically for this machine and any modifications can affect its performance in the event of a roll over.

1. Park the tractor on a flat surface, place control levers in the park brake position, shut-off engine and remove ignition switch key.
2. Remove the existing seat latch (if applicable).

Refer to Figure 1

3. Insert one of the 7/16" x 1 3/4" bolts (1) into one of the oversized 1/2" flat washers (2) then into one of the 1/2" x 11/16" spacers (3). Insert the bolt (1) into the end of one of the safety cables (4) then through a second oversized 1/2" flat washer (2). The spacer (3) should be inside the loop of the cable (4) and the cable (4) should be trapped between the two flat washers (2). Repeat this step for second cable.



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Figure 1
Seat Belt and Seat Latch Assembly

CAUTION

The safety cables are a device to hold the seat from flipping up should the mounting hardware not function in the event of a roll over.

4. Position the seat latch (5) so the release handle is on the left-hand side of the seat. Hold the seat latch (5) directly below the rear holes in the seat pan. Insert the assembled bolts (1) through the holes in the seat pan and thread them into the holes in the seat latch (5). Torque bolts to 48 ft.-lbs.

Refer to Figure 2

5. The seat latch assembly must clear the fuel lines on both sides. Use tie strap to tie the right side fuel line out of the way.

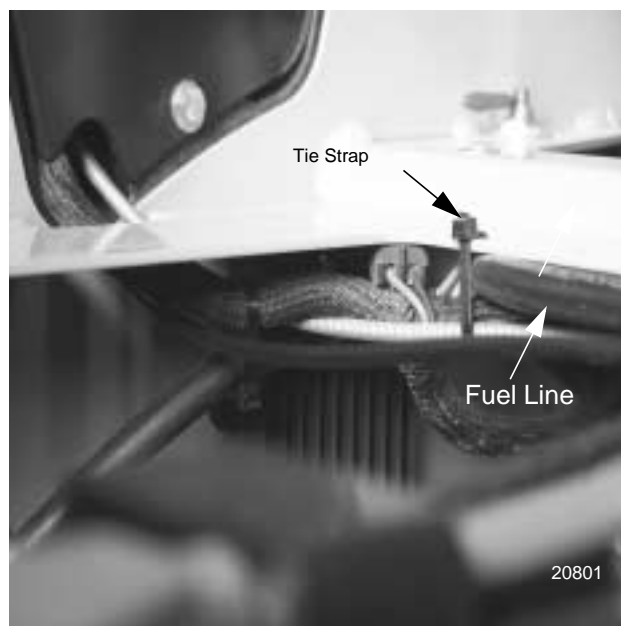


Figure 2
Fuel Line

Assembly Instructions

For Standard Seat Refer to Figures 3 and 4

6. Insert a 7/16" x 1 3/4" bolt (1) through a 7/16" flat washer (6) then insert the bolt into the seat belt latch (7). Make sure the latch (7) is facing up as shown and the bolt (1) is coming in from the top.
7. Continue by inserting the bolt (1) through a second 7/16" flat washer (6) and a 1/2" x 11/16" spacer (3). Insert the bolt (1) into the end of the left safety cable (4) then through a third 7/16" flat washer (6). The spacer (3) should be inside the loop of the cable (4) and the cable (4) should be trapped between the two flat washers (6).
8. Thread the bolt (1) with hardware into the threaded insert provided in the left-hand side of the seat shell on the standard seat and torque bolt (1) to 48 ft.-lbs. Repeat steps 6, 7 and 8 to install the retractable seat belt to the right-hand side of the standard seat.

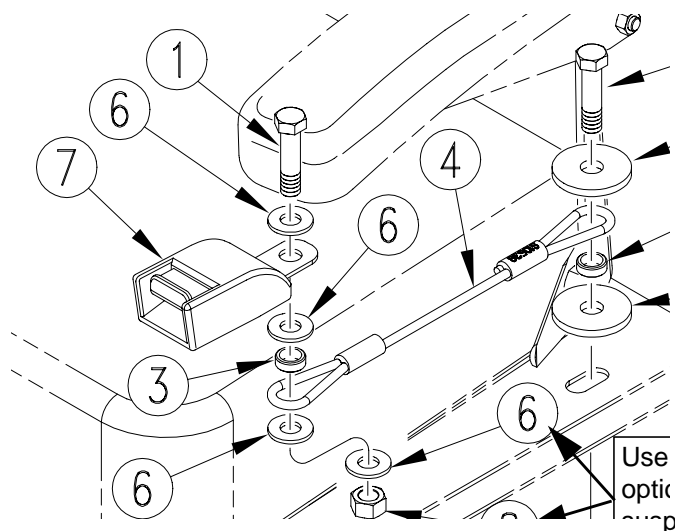


Figure 3
Seat Belt Assembly

For Optional Suspension Seat Refer to Figures 3 and 5

9. Insert a 7/16" x 1 3/4" bolt (1) through a 7/16" flat washer (6) then insert the bolt into the seat belt latch (7). Make sure the latch (7) is facing up as shown and the bolt (1) is coming in from the top.
10. Continue by inserting the bolt (1) through a second 7/16" flat washer (6) and a 1/2" x 11/16" spacer (3). Insert the bolt (1) into the end of the left safety cable (4) then through a third 7/16" flat washer (6). The spacer (3) should be inside the loop of the cable (4) and the cable (4) should be trapped between the two flat washers (6).
11. Insert bolt (1) with all hardware through the hole in the left-hand armrest mount of the optional suspension seat. Add a fourth 7/16" flat washer (6) then secure bolt (1) with a 7/16" nut (8) and torque to 48 ft.-lbs. Repeat steps 6, 7 and 9 to install the retractable seat belt to the right-hand side of the optional suspension seat.

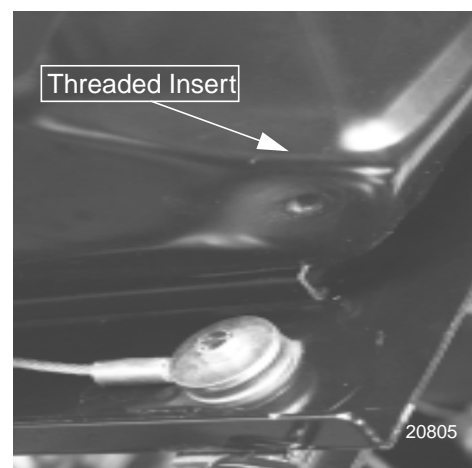


Figure 4
Standard Seat



Figure 5
Optional Suspension Seat

Assembly Instructions

Assembly Instructions for Roll Over Protection

Refer to Figure 6A

12. Remove the existing hardware from the left-hand side of the rear bumper plate.

NOTE: If your mower frame does not have the .625" (21/32") diameter holes, it will be necessary to locate and drill each side of mower frame as shown in Figure 6B. If holes are present, then proceed to step 2.

13. Attach the left-hand roll over protection frame (4) using three 1/2" x 1 3/4" bolts (2) and three 1/2" flat washers (8). Insert bolts (2) through the washers (8) then insert them through the three upper holes in the roll over protection frame (4). Thread the bolts (2) into the three upper holes in the left-hand side bumper frame and do not tighten at this time.

14. Insert one 5/8" x 2" bolt (2) into an oversized 5/8" flat washer (3) then through the lower hole in the left-hand roll over protection frame (4). Slide on a second oversized 5/8" flat washer (3) then thread bolt (9) into the lower hole in the left-hand side thru bumper frame. Secure with flat washer (10) and nut (11). Do not tighten at this time.

15. Insert the square connector (6) into the opening in the top of the left-hand roll over protection frame (4). Align the left-hand hole with the hole in the frame leaving the right-hand hole outside of the frame.

16. Insert one 1/2" x 2 3/4" bolt (7) into one 1/2" flat washer (8) then insert it through the hole in frame (4). Slide on a second 1/2" flat washer (8) and secure bolt (7) with a 1/2" nut (1). Leave bolt loose at this time.

17. Remove the existing hardware from the right-hand side of the rear bumper plate.

18. Slide the top of the right-hand roll over protection frame (5) onto the square connector (6) and attach the lower portion of frame (5) to the right-hand side of the bumper using steps 2 and 3 above leaving bolts loose.

19. Align hole at the top of the left-hand roll over protection frame (5) with hole in square connector (6).

20. Insert one 1/2" x 2 3/4" bolt (7) into one 1/2" flat washer (8) then insert it through the hole in frame (4). Slide on a second 1/2" flat washer (8) and secure bolt (7) with a 1/2" nut (1). Leave bolt loose at this time.

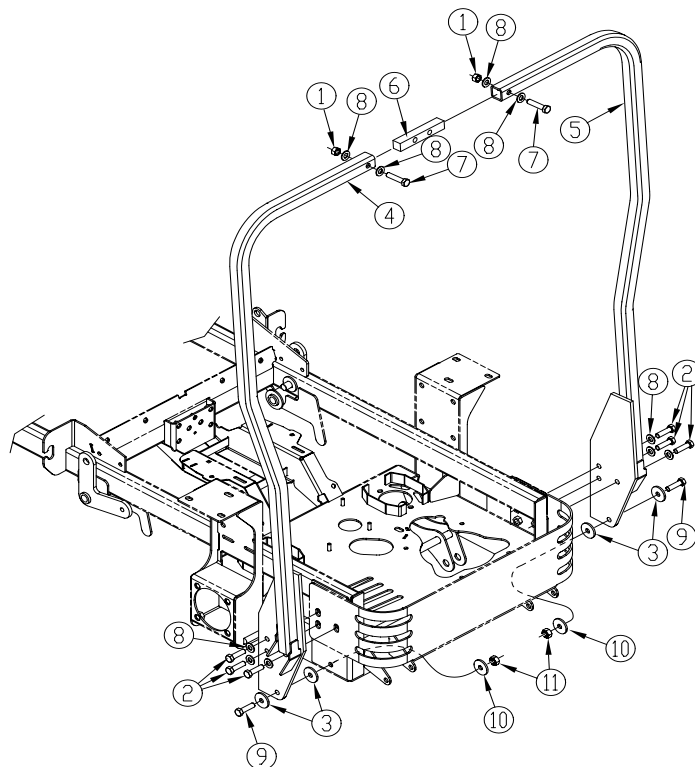


Figure 6A
Roll Over Protection Assembly

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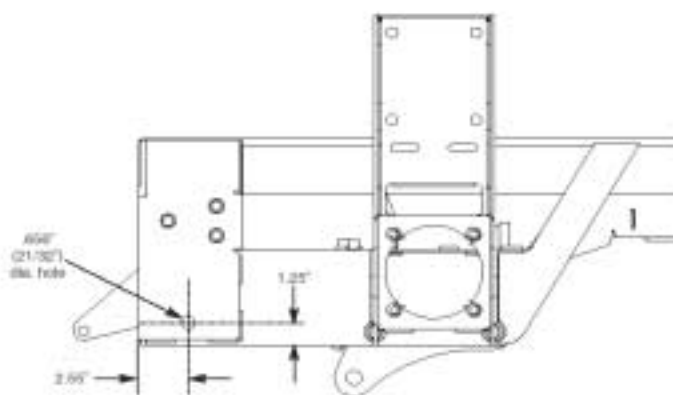


Figure 6B
Special Drilled Holes For Roll Over Protection Assembly

Refer to Figure 7

Assembly Instructions

21. Position the Roll Over Protection Structure on the Accu-Z mower so the angle between the Roll Over Protection Structure and the mower frame is 84 degrees. Tighten all 1/2" bolts to 73 ft.-lbs. and all 5/8" bolts to 145 ft.-lbs. of torque at this time.

NOTE: The Accu-Vac Bagger system can not be used when the Roll Over Protection Structure is installed on the mower.

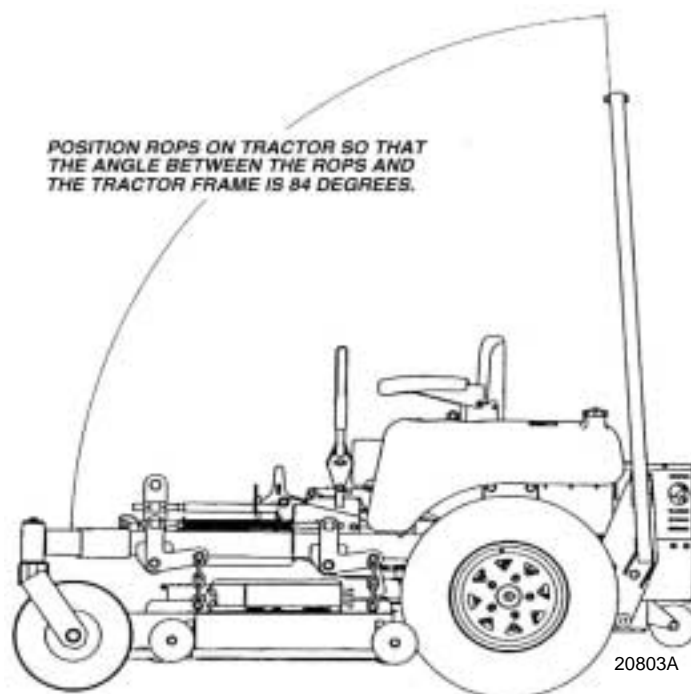


Figure 7
Angle of Frame

356-103A ROPS Accu-Z Package*

Your kit includes:

Qty.	Part No.	Part Description
1	356-095D	CONNECTOR ROPS (TOP)
1	356-104H	RPBY 356-103A
1	356-105H	RPBY 356-103A
1	356-106M	MANUAL ACCU-Z ROPS
1	800-112C	CABLE TIE .19X7.25 1.75D 50LB
2	802-055C	HHCS 5/8-11X2 GR5
6	802-082C	HHCS 1/2-13X1 3/4 GR5
2	802-226C	HHCS 1/2-13X2 3/4 GR5
2	803-020C	NUT HEX 1/2-13 PLT
2	803-021C	NUT HEX 5/8-11 PLT
2	803-307C	NUT HEX 7/16-20 GR8
6	804-094C	WASHER FLAT 1/2 HARD ASTM F436
4	839-124C	HHCS 7/16-20X1 3/4 GR5 ZN
4	839-140C	WASHER FLAT.510X1.75X.18 ZN
4	839-289C	SPACER .493 X.675 X .250
2	839-290C	SAFETY CABLE ROPS
8	839-291C	FLAT WASHER .468 X 1.0 X.09 HT
1	839-292C	LATCH ASSEMBLY
1	839-293C	SEAT BELT
1	839-294C	SPRING, TORSION
6	839-395C	WASHER FLT.69X1.75X.10/.16HDZN