

Assembly Instructions for Adjustable Hay Ring

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Tools Required:	7/16" Socket	Cordless Drill
	7/16" Open End Wrench	Socket Adaptor for Drill
	1/4" Drill Bit	Second Person to Help Assemble

Hardware List (Included):

14 – 1/4" x 1 1/4" Gold Hex Bolts	70 – 1/4" x 20 Lock Nuts
56 – 1/4" x 1" Silver Hex Bolts	140 – 1/4" x 1" Fender Washers

1. Align two sections with the **"Made in the USA"** imprint on the front panels facing the same direction. Insert Gold (1 1/4") bolt with fender washer in top hole of hay ring. Place joint stabilizer (use predrilled hole), another fender washer, and lock nut on underneath side of hay ring. <stabilizer should be mounted on the **underneath** side of the lip.> Hand tighten.
2. Place the second Gold (1 1/4") bolt with fender washer in the bottom hole of hay ring (threads facing up). Place joint stabilizer (use predrilled hole), another fender washer and lock nut on inside of hay ring. Hand tighten.
3. Install four Silver (1") bolts with fender washers along the outside of the ring and four fender washers and lock nuts on the inside of each section. Hand tighten. Continue installing remaining sections as above. All sections should have **"Made in the USA"** facing the same direction.
4. When all sections have been bolted together, go back and tighten all bolts. Sections should fit snug together. Do not over tighten bolts.
5. To complete joint stabilizers around the hay ring, measure 2 3/4"*** from the Center bolt on the top lip and mark location. **You will be measuring *away from* the **"Made in the USA"** logo on the front panel <see **Diagram**>.

Drill 1/4" hole through the hay ring and the joint stabilizer @ 2 3/4" mark. Insert Silver (1") bolt with fender washer in top hole of hay ring and through the joint stabilizer. Then add another fender washer and lock nut to the underneath side of hay ring. Hand tighten.

6. Measure 4 1/4" **from the Center bolt on the top lip and mark location. **You will be measuring *toward* the **"Made in the USA"** logo on the front panel <see **Diagram**>.

Drill 1/4" hole through the hay ring and the joint stabilizer@ 4 1/4" mark. Insert Silver (1") bolt with fender washer in top hole of hay ring and through the joint stabilizer. Then add another fender washer and lock nut to the underneath side of hay ring. Hand tighten. Repeat this process until you have successfully secured the joint stabilizers on each joint on the top and bottom of the hay ring. Go back and tighten all silver bolts added to the joint stabilizers. Reminder: Bolts should be snug but not over tightened.

Suggestions:

- ~If holes are not lining up on the one you are attempting, move down and work on holes further down and then move back up the line.
- ~Drill out holes a bit, cleaning and removing any excess and try again.

Gold 1/4" dia x 1 1/4" Hex Bolt
and fender washer

Silver 1/4" dia x 1.0" hex bolts
and fender washers

Drill 1/4" dia. hole 2 3/4" from Gold Bolt

Drill 1/4" dia. hole 4 1/4" from Gold Bolt

Stabilizer (install underneath lip)

