



USER GROUP: 2-5 Years, 5-12 Years

RECOMMENDED CREW: 1-2 People

TOOLS REQUIRED:

- TT-45 Torx, 3/4" Hex
- Level, Square, Hammer / Mallet, Plastic / Metal Saw
- Auger / Post Hole Digger / Shovel
- Drill Bits: For Anchor Bolts (Not Included)
- Framing, Bracing, or Concrete Forms (Not Included)
- High Speed 3/8" Electric Drill with Clutch

NOTE: Use of any other driver may result in damage to product, tool, and/or hardware!

NOTE: Apply Thread Locking Solution to ALL Non-Patched Hardware with Threads!

INSTALLATION TIME: 2 Hours

WEIGHT: 130 lbs.

CONCRETE REQUIRED: (6) 80lb. bags - 3.6 ft³

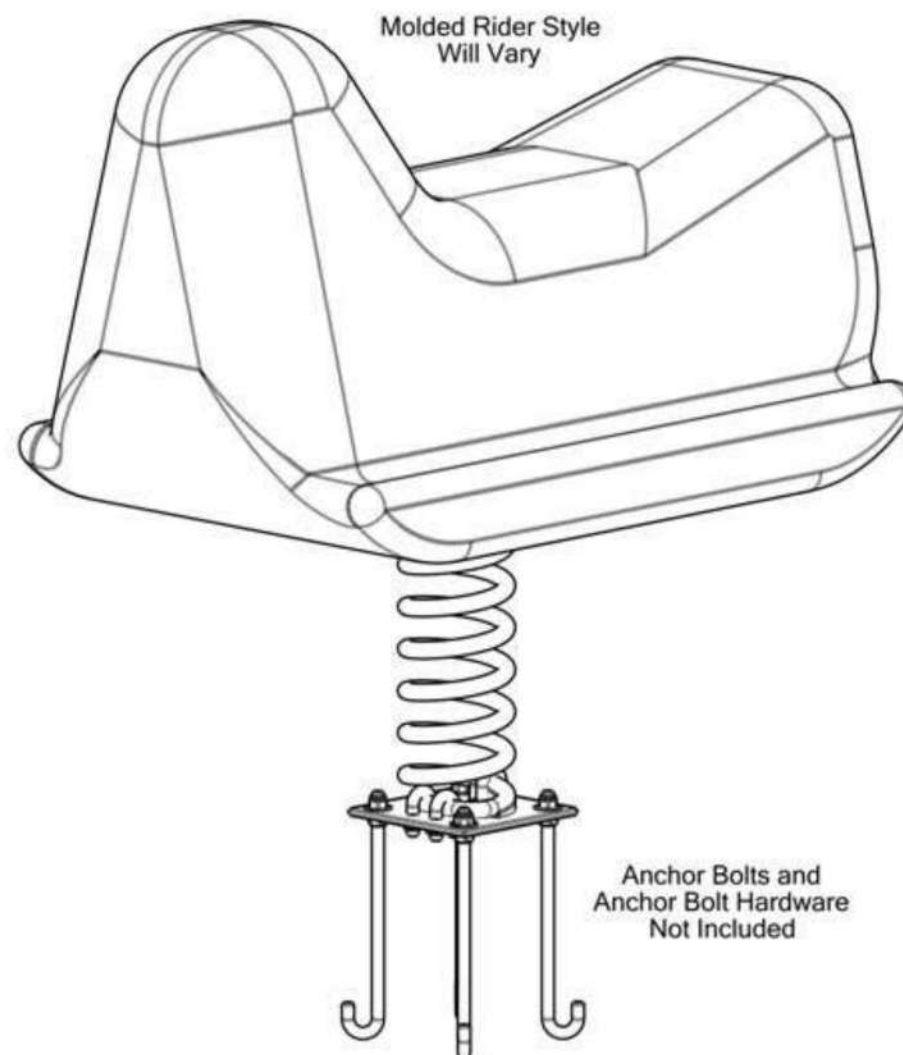
NOTE: Concrete must have a minimum rating of 2,500 psi and must be mixed per manufacturer's recommendations.

PRE-INSTALLATION CHECK:

Customer is responsible for verifying materials received by comparing received items with packing list. If any parts are missing or damaged, including documentation, contact your local sales representative immediately.

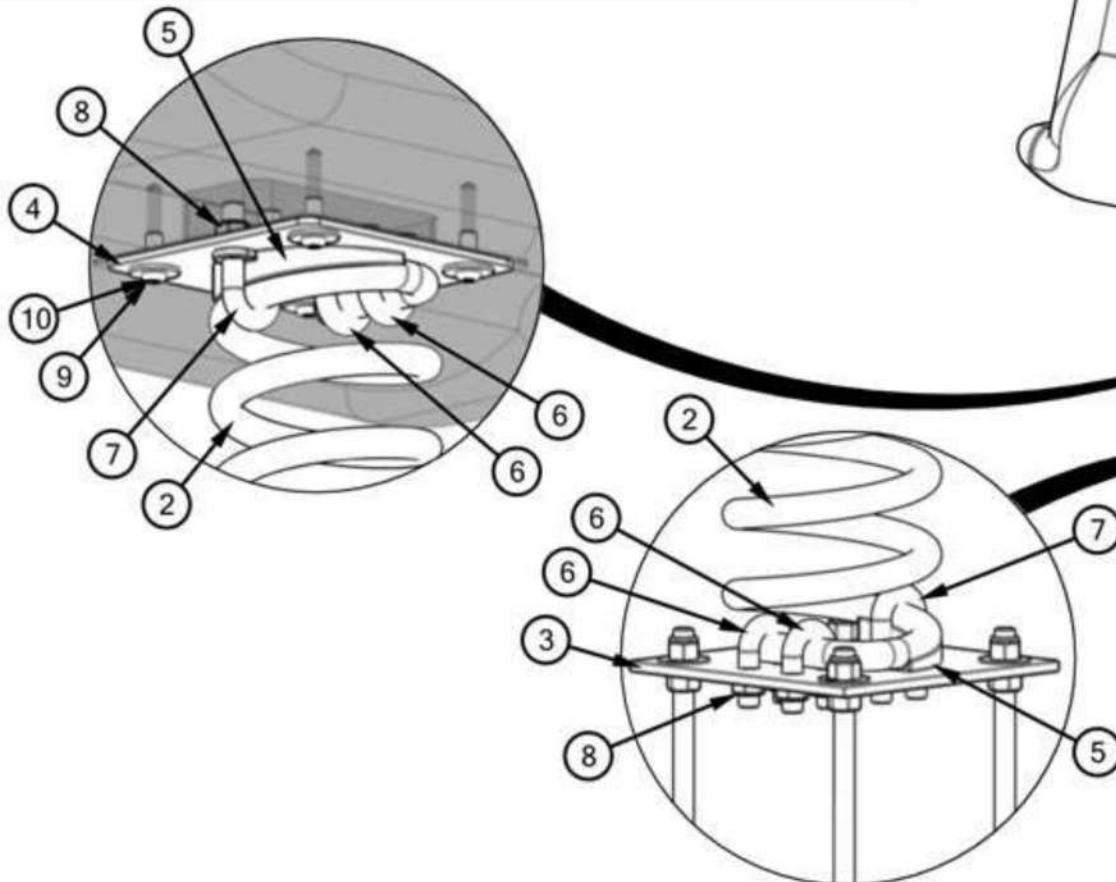
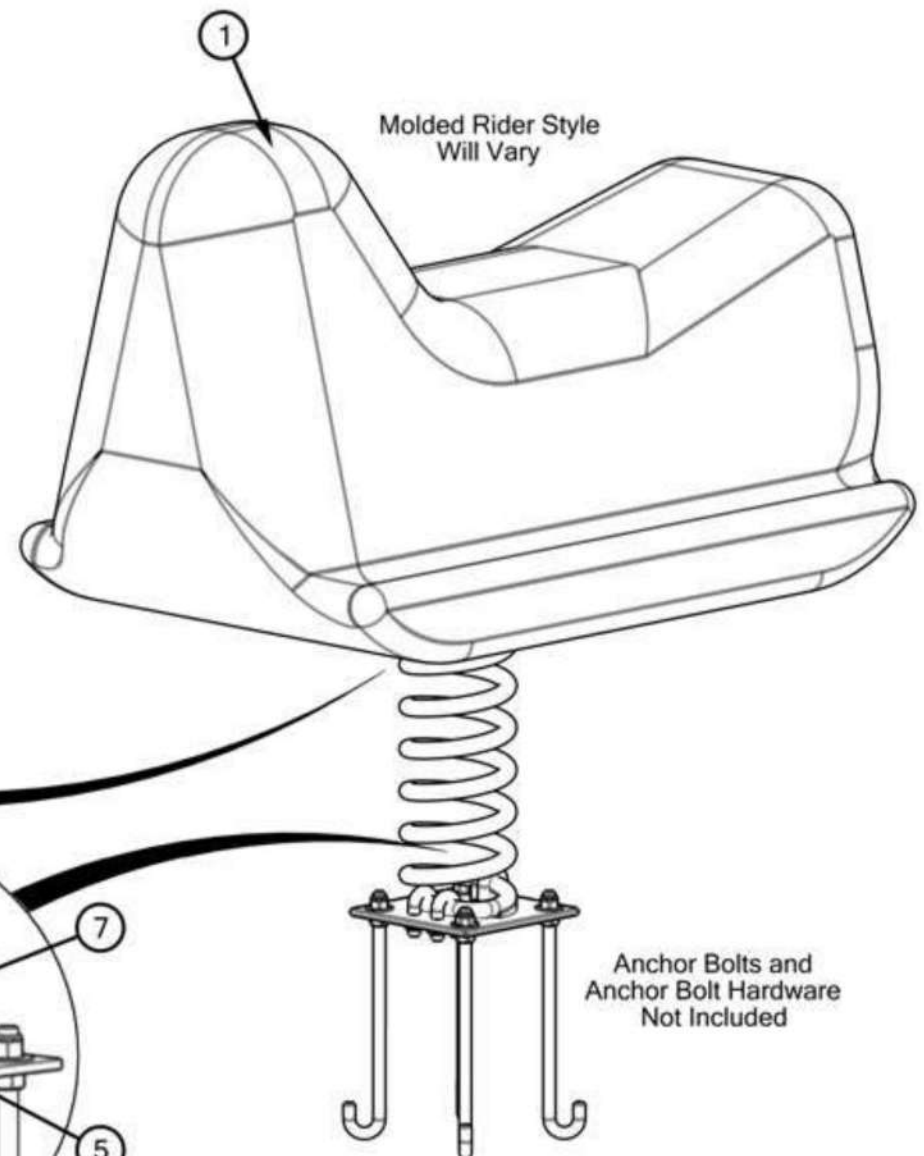
Supplier is not responsible for items discovered missing after 72 hours from time of delivery.

Before beginning installation, all installers must read and understand the Installation Introduction manual as supplied. If you did not receive a copy, or if you have any questions regarding any information in the Installation Instructions or this Installation Guideline, contact your local sales representative.



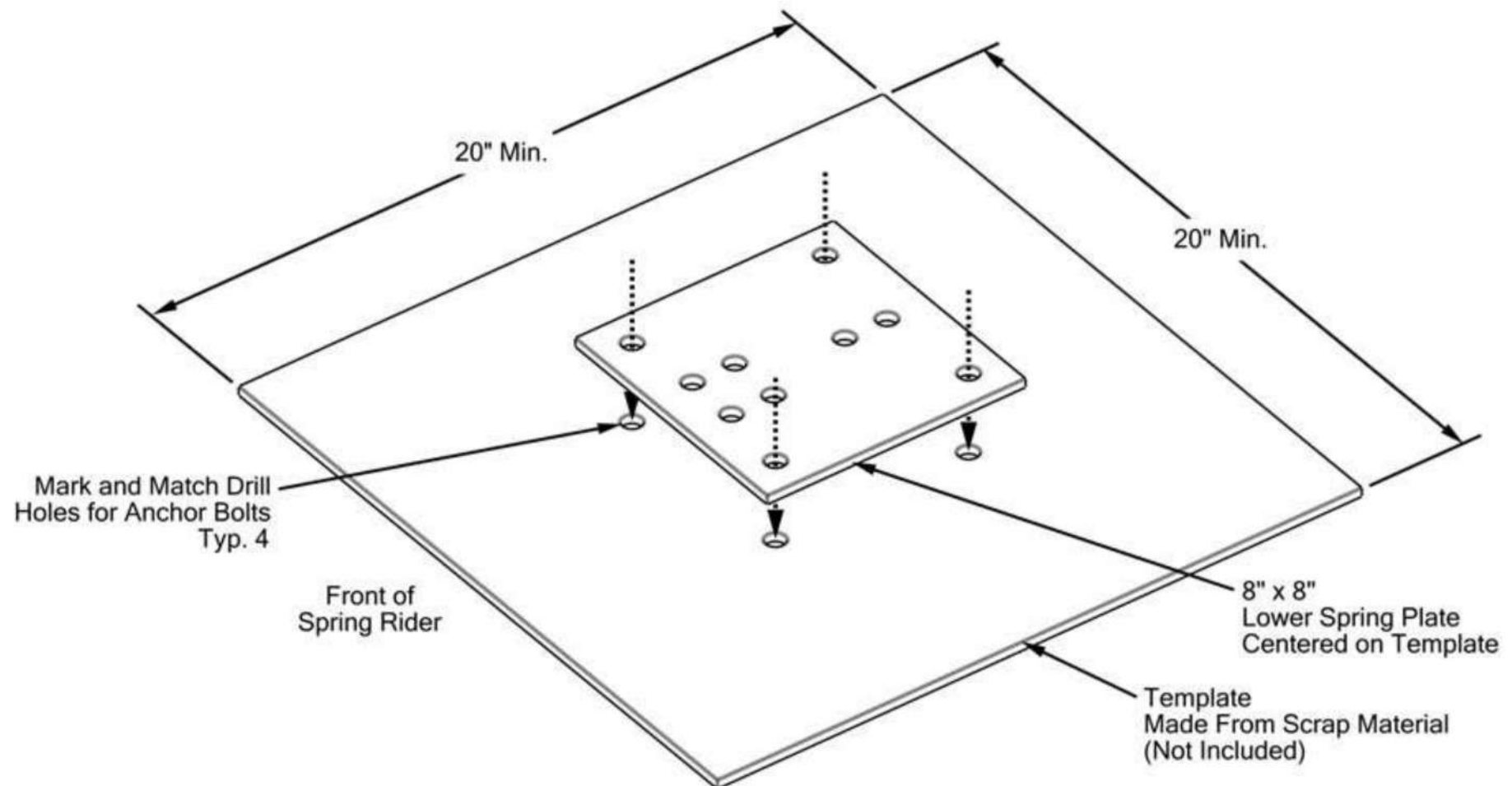
INSTALLATION GUIDELINE

ITEM	Part No.	QTY	DESCRIPTION
1	02683XX	1	SA-04 Whale No Spring
2	7061200	1	Rider Spring
3	MSC07874XX	1	Base Plate - Retro Rocker
4	PLT-3311XX	1	Top Plate for Frog / Whale Spring Assembly
5	MSC-0622XX	2	Cast Aluminum Coil Spring Spacer
6	HWB0005	4	U-Bolt - 1/2"/13 x 2-3/8"
7	HWB0006	2	U-Bolt - 1/2"/13 x 3-1/16"
8	HWN0014	12	Nut 1/2"-13 Hex - Zinc
9	HWB0210	4	Bolt 3/8"-16 x 1" TORX Security with Patch
10	HWWR0092	4	Washer 3/8" ID x 1-1/4" OD x 0.12 thick Flat SS



STEP 1

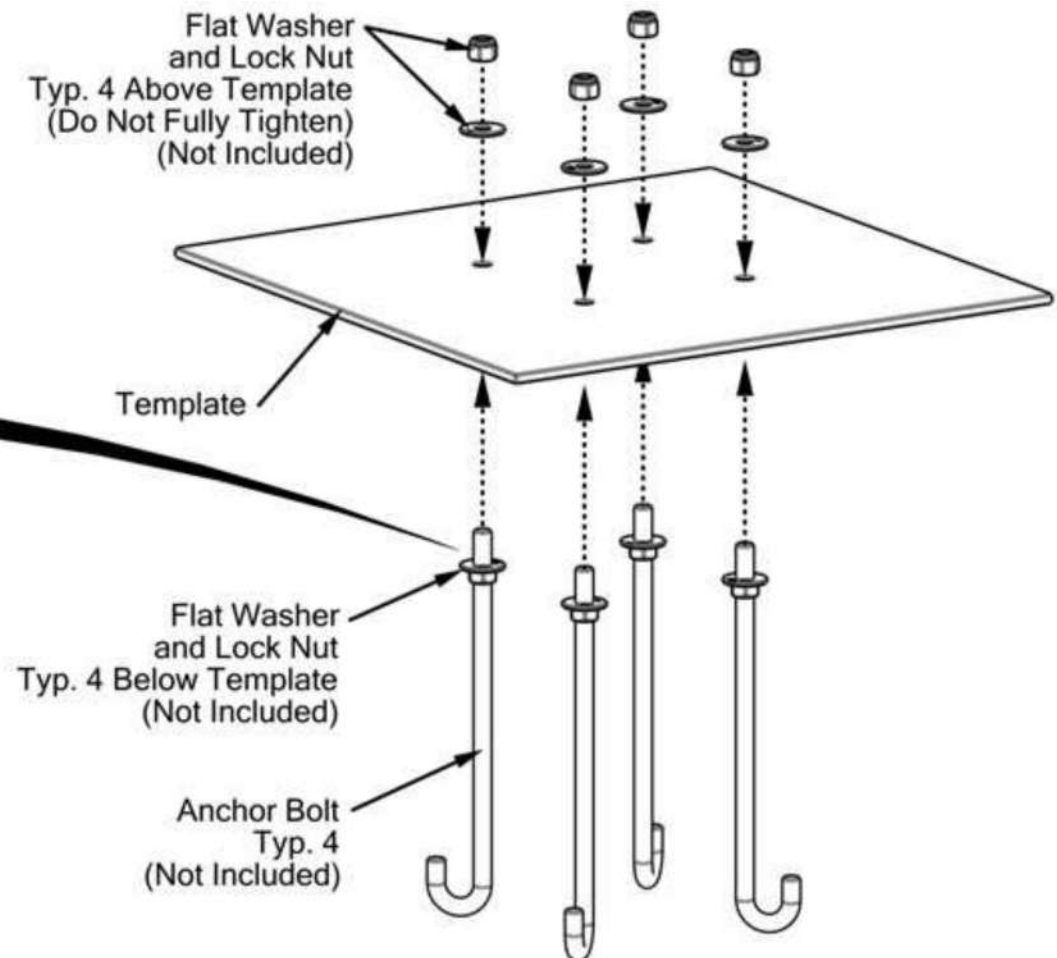
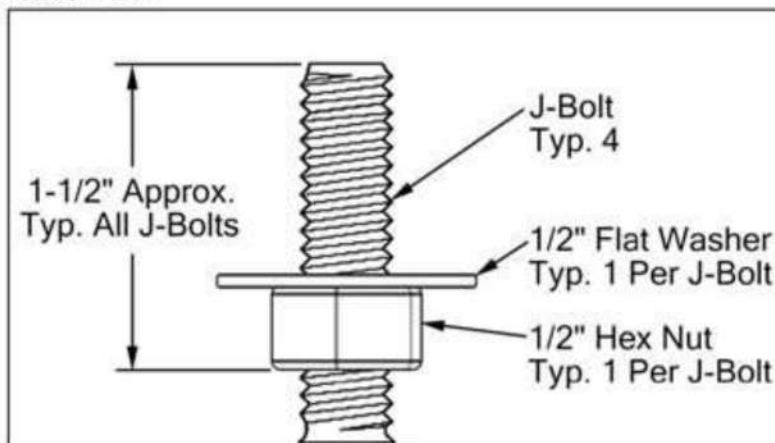
**** Anchor bolts and anchor bolt hardware ARE NOT INCLUDED. Recommended size of anchor bolts is 1/2" x 12-1/2" J-bolt and 1/2" hex nuts and flat washers. ****
 Use scrap poly sheet, plywood, etc. (not included) to create anchor bolt template. Cut a square piece of material a minimum of 20" x 20". Center lower spring plate on center of template. At each hole in lower spring plate, drill one (1) through-hole through template. Diameter of hole is determined by size of anchor bolts (not included).



STEP 2

Mount anchor bolts to template. Recommended hardware is four (4) flat washers and four (4) hex nuts below template and four (4) flat washers and four (4) lock nuts above template. Ensure all nuts and washers are same distance from bottom of nut to ends of anchor bolts. See Detail 2-1. Place each anchor bolt through holes in template. Secure each anchor bolt with one (1) flat washer and one (1) lock nut. Do not fully tighten upper hardware.

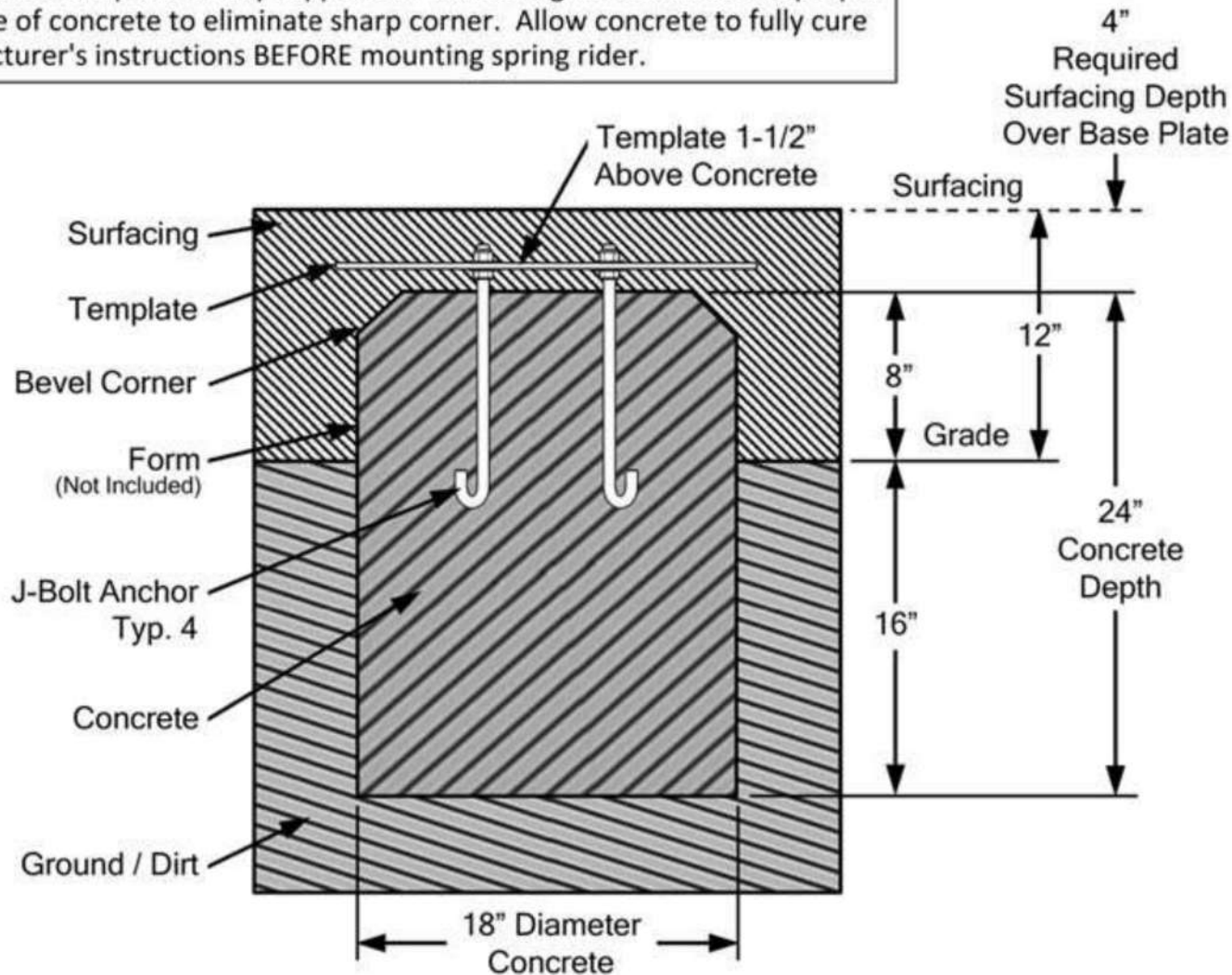
Detail 2-1



INSTALLATION GUIDELINE

STEP 3

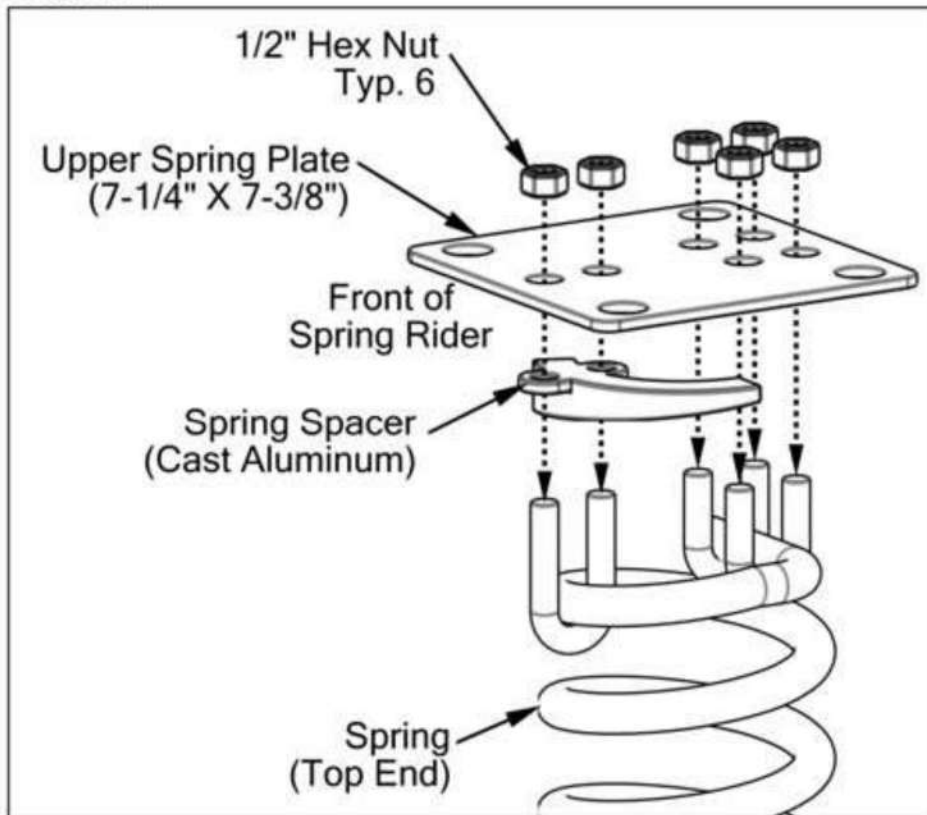
Prepare footing hole and set anchor bolts. Concrete footing for anchor bolts must be 18" diameter and 24" tall with 8" of concrete ABOVE GRADE and 16" of concrete BELOW GRADE. Position template 1-1/2" above top of concrete level so hex nuts can be adjusted. Hex nuts will be used to level spring rider. Center anchor bolts on footing hole. Ensure template is level. Ensure template is fully supported. Fill footing hole and form to proper level. Bevel top edge of concrete to eliminate sharp corner. Allow concrete to fully cure based upon manufacturer's instructions BEFORE mounting spring rider.



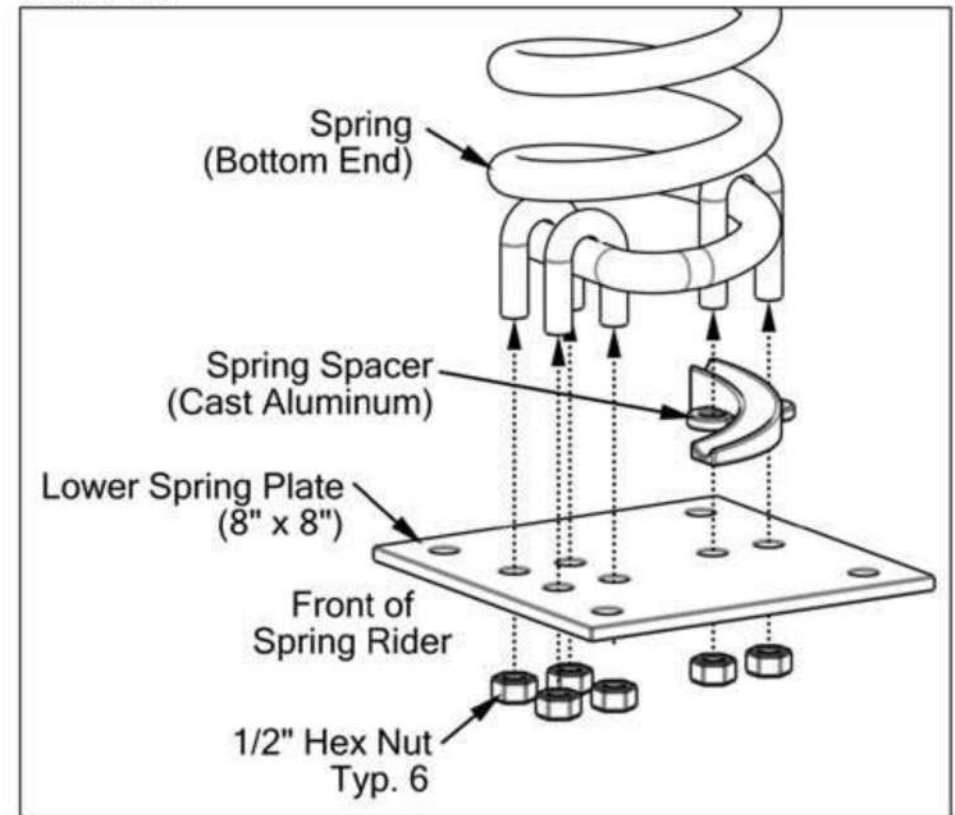
STEP 4

Assemble spring, plates, spacers, and hardware. Secure upper spring plate to top of spring with one (1) spring spacer, two (2) 1/2" x 2-3/8" u-bolts, one (1) 1/2" x 3-1/16" u-bolt, and six (6) 1/2" hex nuts. See Detail 4-1. Secure lower spring plate to bottom of spring with one (1) spring spacer, two (2) 1/2" x 2-3/8" u-bolts, one (1) 1/2" x 3-1/16" u-bolt, and six (6) 1/2" hex nuts. See Detail 4-2.

Detail 4-1

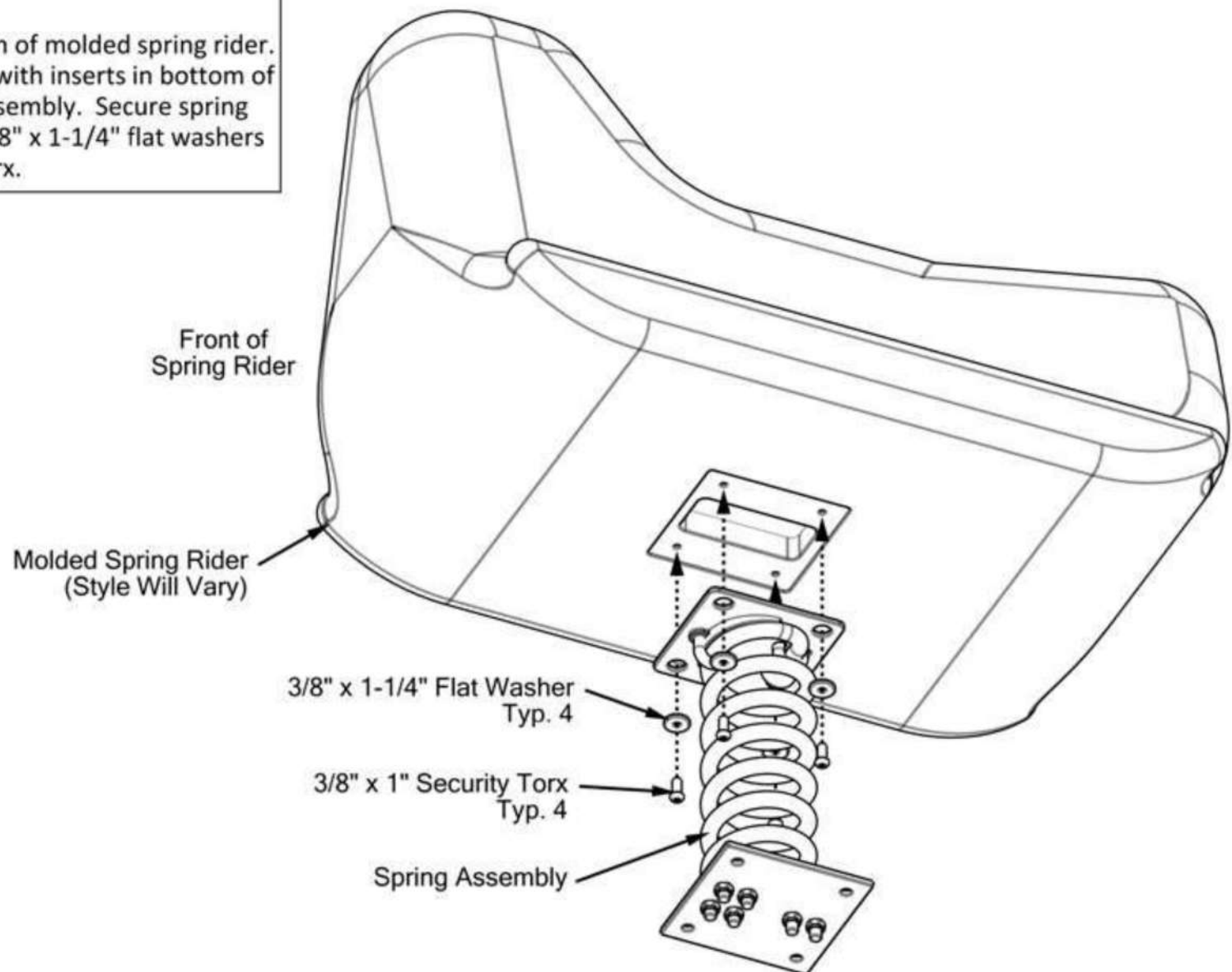


Detail 4-2



STEP 5

Mount spring assembly to bottom of molded spring rider. Align holes in upper spring plate with inserts in bottom of rider. Not alignment of spring assembly. Secure spring assembly to rider with four (4) 3/8" x 1-1/4" flat washers and four (4) 3/8" x 1" security Torx.



STEP 6

Ensure concrete is FULLY CURED. Remove top lock nuts and flat washers. Remove template. Place spring rider assembly onto anchor bolts. Replace flat washers and lock nuts. Elevation of rider seat above finished surfacing MUST BE 22" to 28". Adjust nuts below and above lower spring plate to level rider. Fully tighten all anchor bolt hardware. Check all connections and ensure structure is stable. Installation is complete. Place one (1) Age Appropriate Sticker on structure in a clearly visible location.

