

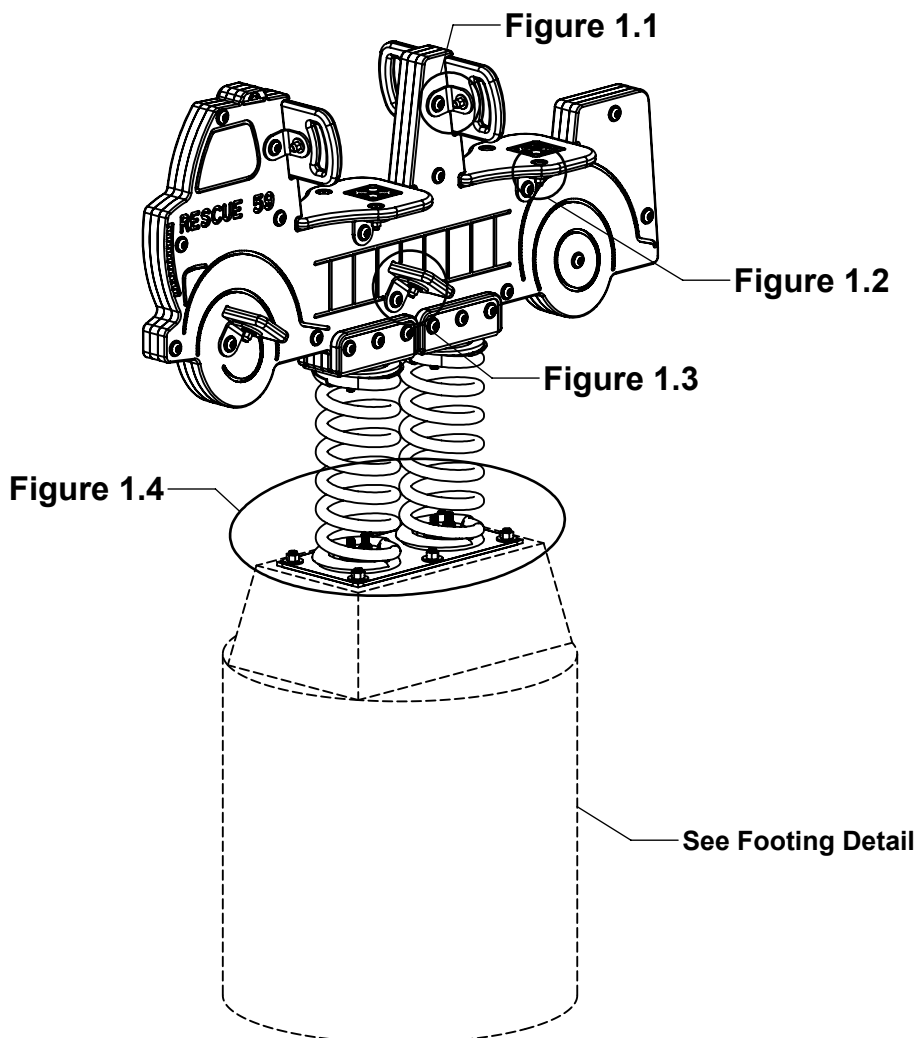
IMPORTANT NOTES: Read First

(A) Use liquid thread lock (such as Loctite®) with all threaded hardware. **Important:** Liquid thread lock (prior to curing) helps to eliminate the common problem of "thread seizure" in stainless steel hardware by serving as a lubricant during assembly.

(B) All bolt threads protruding beyond the nut must be cut and de-burred until end is smooth to the touch. Sharp edges and/or points of any kind must be eliminated. No more than two threads may be exposed beyond the end of the nut.

(C) An appropriate energy absorbing safety surface is required under and around all playground equipment. Loose fill protective surfacing is shown only as an example for the purpose of this assembly instruction. Other surfacing material may vary in thickness and/or compression depths. See free publication - The Handbook for Public Playground Safety, Publication #325 at www.cpsc.gov for the surfacing appropriate for the fall height of the equipment or consult your surfacing supply representative.

FIGURE 1
Dual Fire Truck Spring Rider



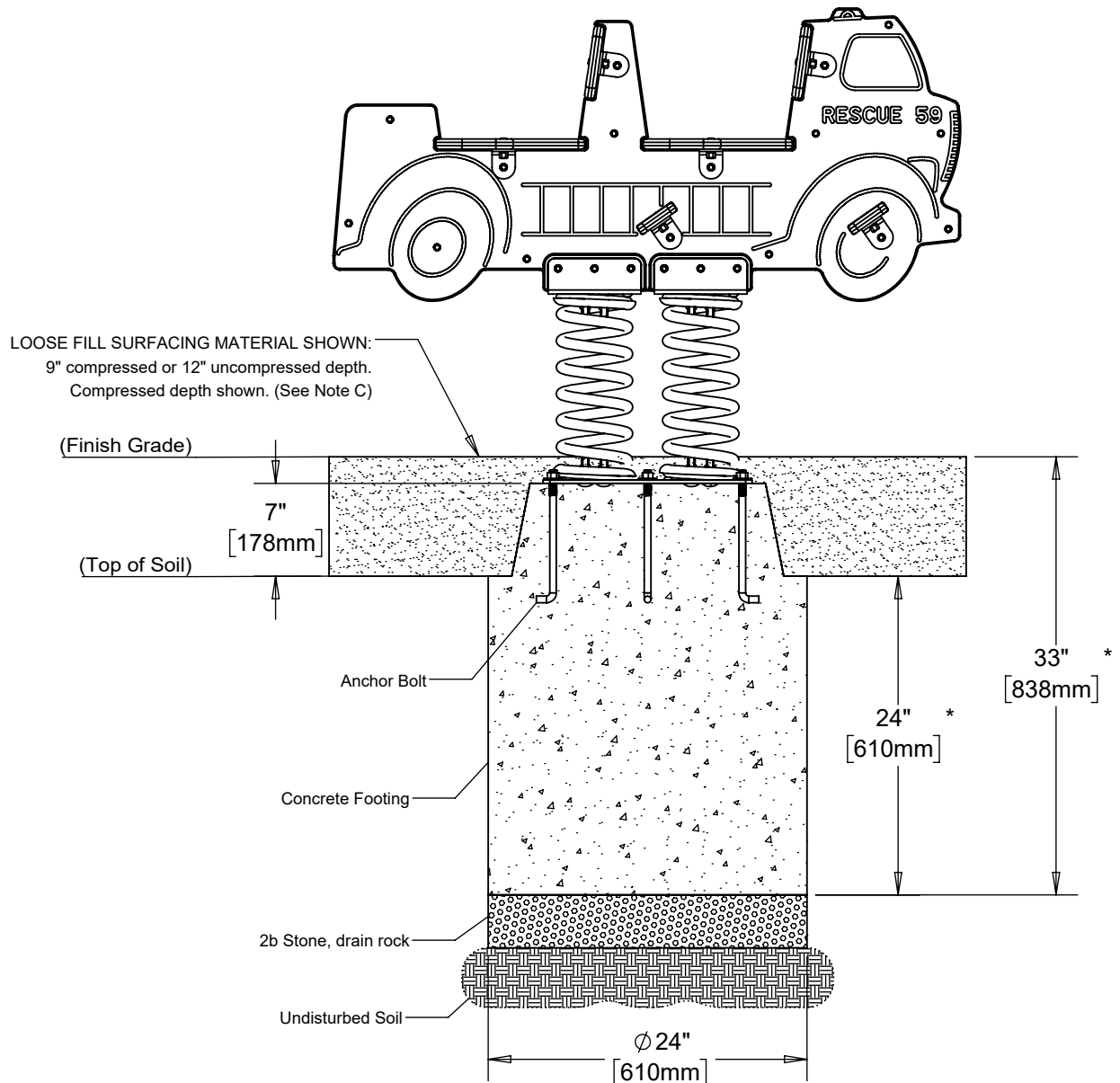
Step 1

Footing Detail

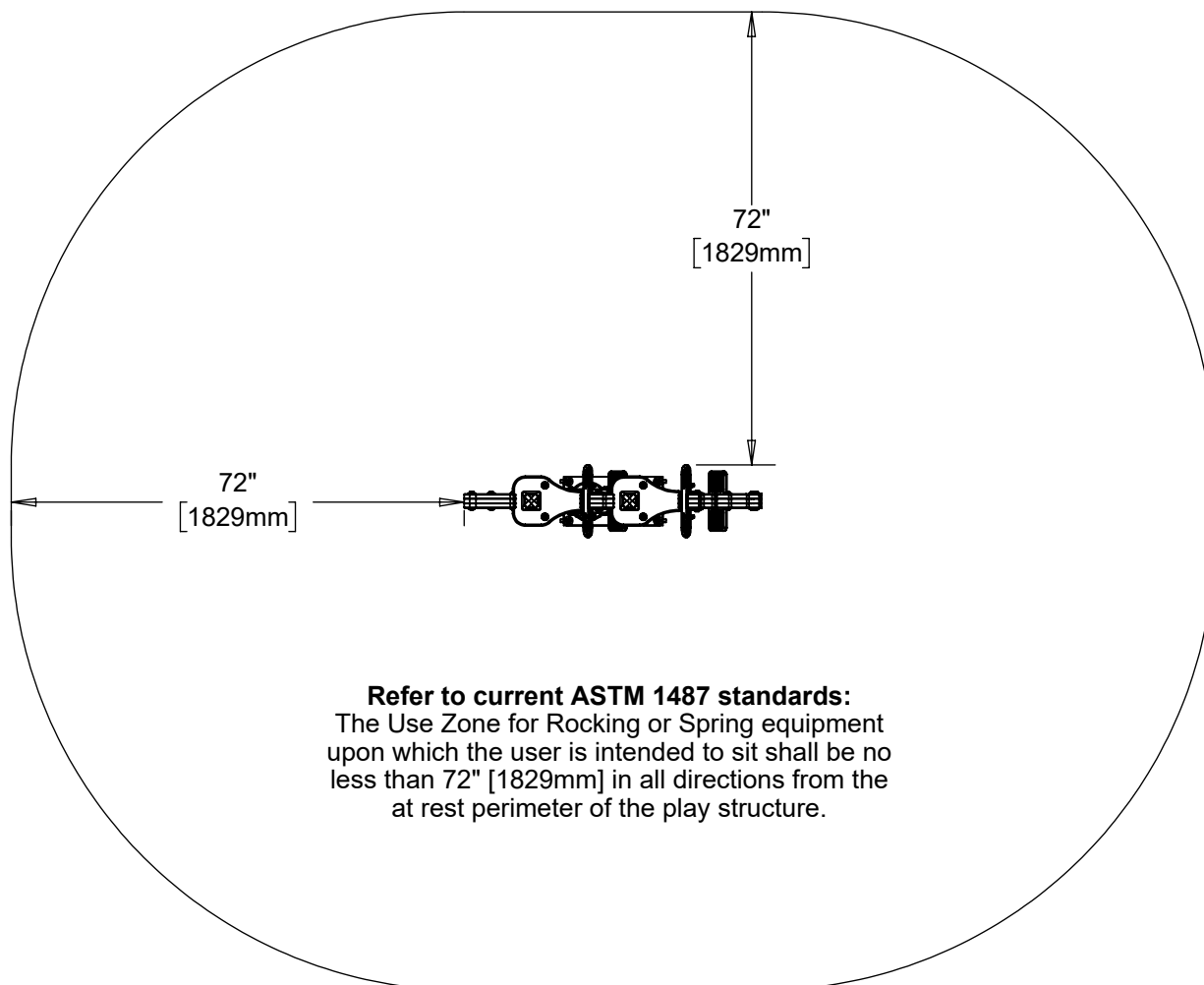
Refer to Footing Layout and mark footing hole location.
Dig a Ø 12" footing hole. Refer to Footing Detail for depth and details.

IMPORTANT: For areas with soft soil conditions, larger footings may be required.

* Footing depth must be adjusted to compensate for the depth/thickness requirements of selected safety surfacing.
See Section 06.1 of the Installation Manual.



Top View - Footing Layout



Step 2

Use the Single Spring Bottom Mount Plate as a template to create a plywood template for the placement of the anchor bolts. Attach anchor bolts to template as shown in Figure 2.

NOTE: Plywood not supplied.

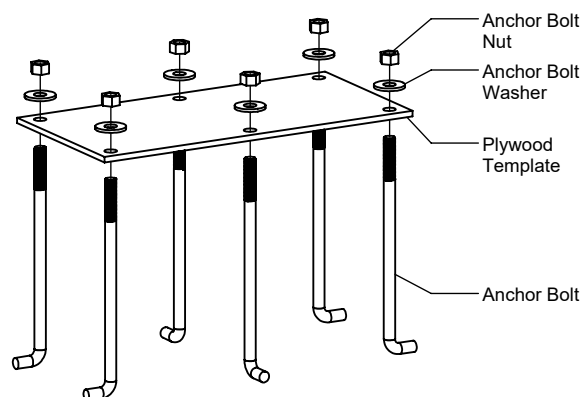


FIGURE 2

Step 3

Pour concrete footing and level template on surface. Orient and set anchor bolts in concrete as shown in footing detail. Allow approximately 1" [25mm] of thread to protrude from the concrete as shown in Figure 3. Allow 72 hours to cure before proceeding to next step. (See Note B)

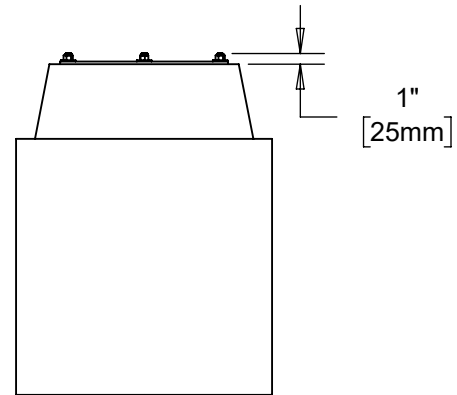


FIGURE 3

Step 4 (Factory Assembled)

Insert Event Spring Retainers into Spring and attach to Top Mount Plates and Bottom Mount Plate as shown in Figure 4. (See Note A)

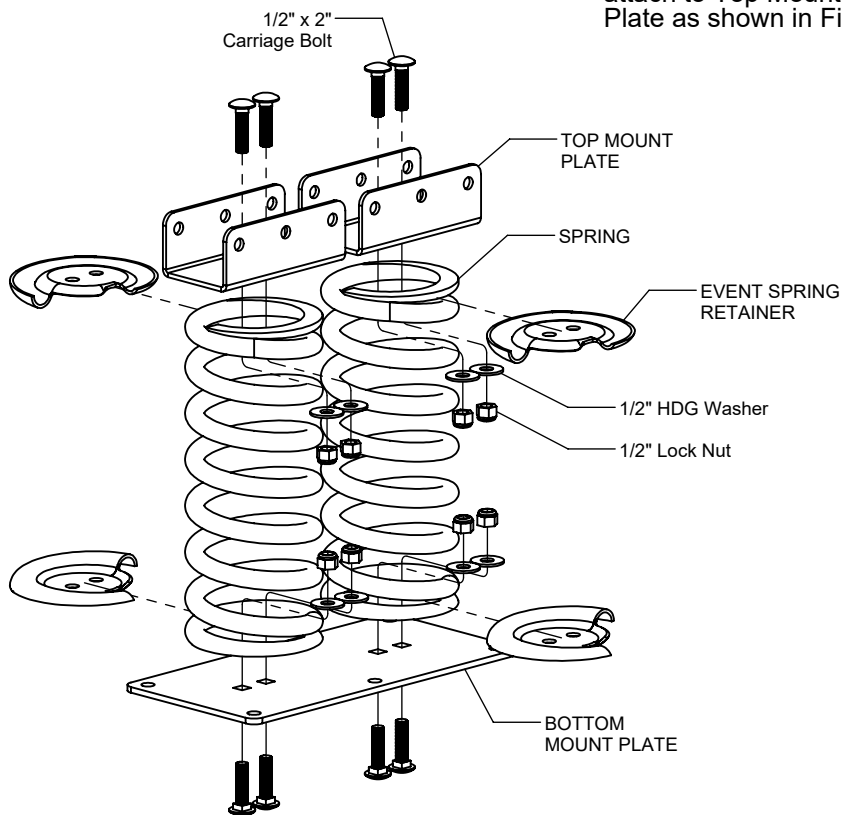


FIGURE 4

Step 5 (Factory Assembled)

Attach Firetruck Panels together as shown in Figure 5. (See Note A)

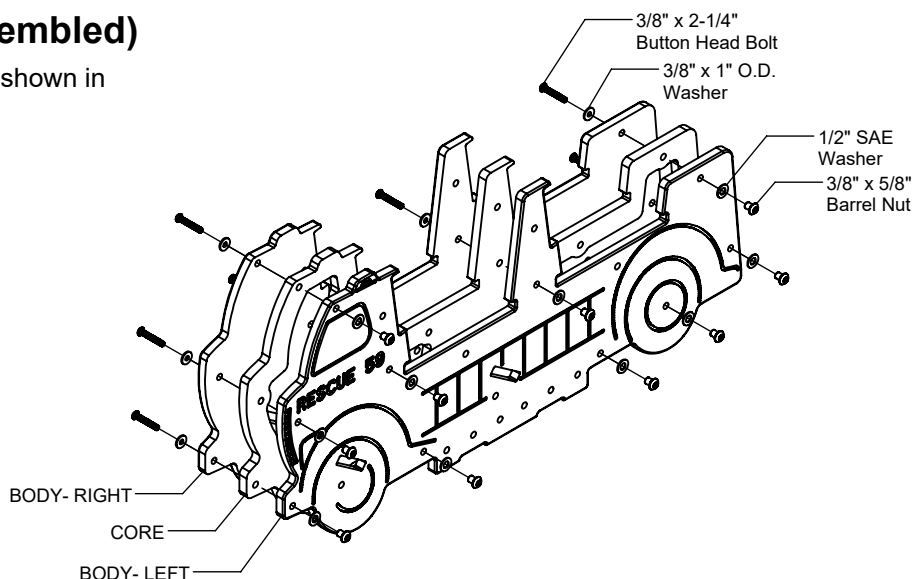


FIGURE 5

Step 6 (Factory Assembled)

Attach Spring Assembly and Mounting Spacers to Dual Firetruck Body as shown in Figure 6. (See Note A)

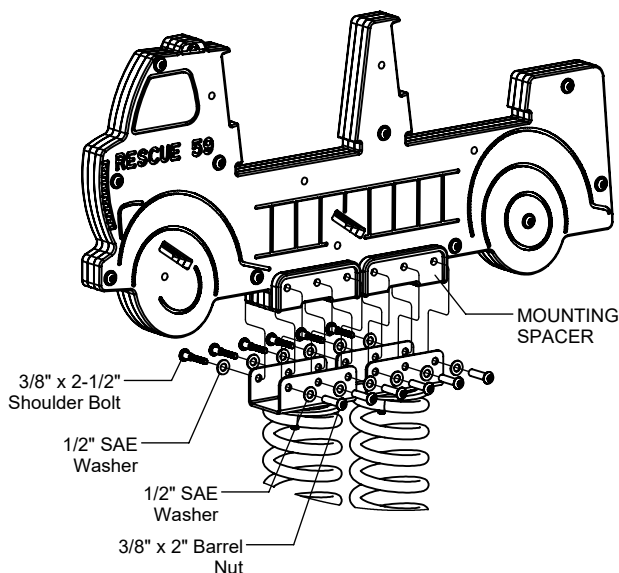


FIGURE 6

Step 7

Attach Spring Rider Brackets to Dual Firetruck Body as shown in Figure 7. (See Note A)

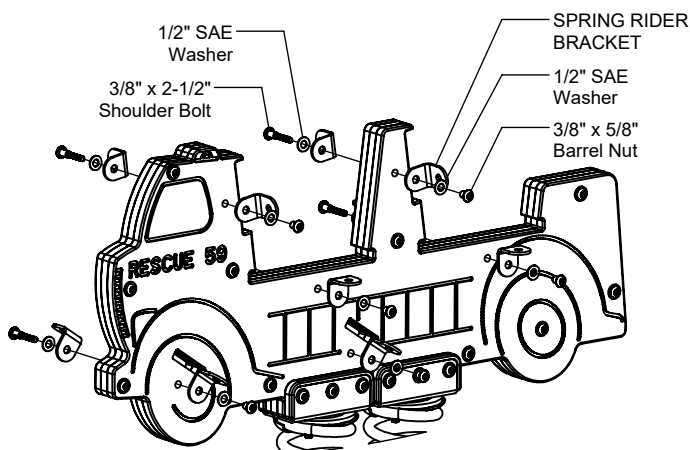


FIGURE 7

Step 8

Attach Handles to Spring Rider Brackets as shown in Figure 1.1. (See Note A)

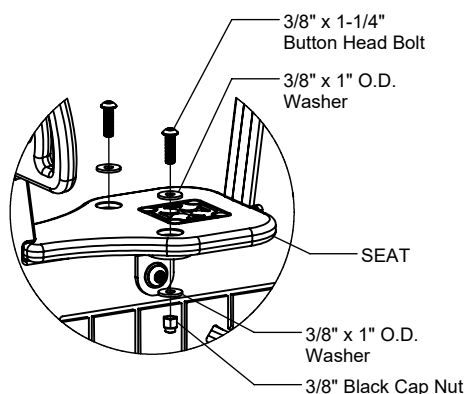


Figure 1.2

Step 10

Attach Footrests to Brackets as shown in Figure 1.2. (See Note A)

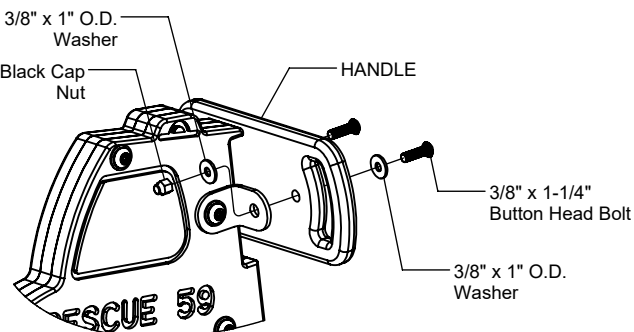


Figure 1.1

Step 9

Attach Seats to Brackets as shown in Figure 1.2. (See Note A)

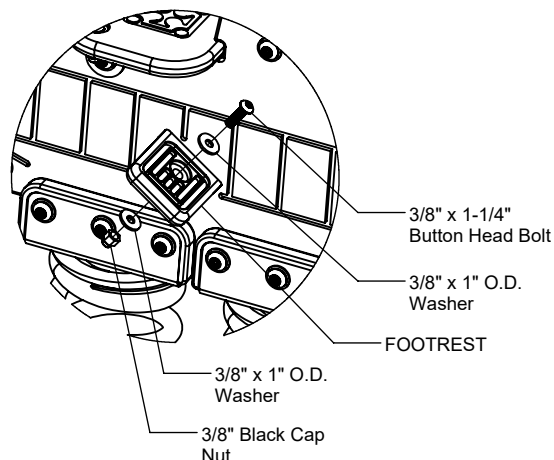


Figure 1.3

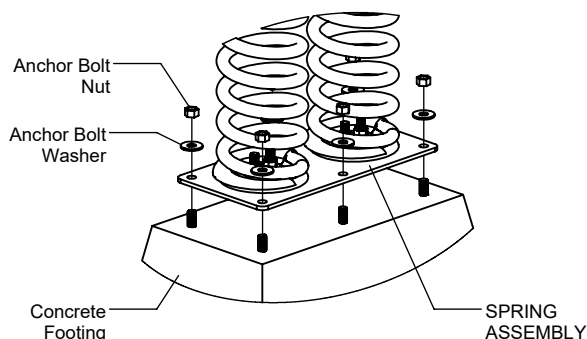


Figure 1.4

Step 11

Attach Dual Fire Truck Spring Rider to Anchor Bolts as shown in Figure 1.4. (See Note A)

Step 12

Fully tighten all fasteners according to the "TIGHTENING TORQUE FOR HARDWARE" section of the Installation Manual.

Step 13

Place required protective surfacing under and around Dual Fire Truck Spring Rider. (See Note C)

DUAL FIRE TRUCK SPRING RIDER INSTALLATION INSTRUCTIONS

PC-1390
Page 7 of 7

Parts List

Part #	DESCRIPTION	QTY
BE-4466	Spring Rider Bracket	12
EE-4938	Spring Rider Seat	2
EE-4939	Spring Rider Handle	2
EE-4940	Spring Rider Footrest	2
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	12
9143112-TR	Bolt Shoulder 3/8" x 2-1/2" BH	6
9175393	Bolt Anchor 1/2" x 9-1/2" w/ Washer and Nut	6
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	24
9345002	Washer Flat SAE 1/2"	12
9413162-BLK	Nut Lock 3/8" w/ Black Cap	12
9443022-TR	Nut Barrel 3/8" x 5/8" BH	6

Assembled Parts List

Part #	DESCRIPTION	QTY
AE-4534	Double Spring Bottom Mount Plate	1
BE-4514	Event Spring Retainer	4
BE-4515	Single Spring Top Mount Plate	2
EE-4524-L	Dual Firetruck Body-Left	1
EE-4524-R	Dual Firetruck Body-Right	1
EE-4524-C	Dual Firetruck Body-Core	1
EE-4941	Spring Rider Mounting Spacer	4
HE-4498	Playground Event Spring	2
9103102-TR	Bolt Button Head 3/8" x 2-1/4"	10
9115092	Bolt Carriage 1/2" x 2"	8
9143112-TR	Bolt Shoulder 3/8" x 2-1/2" BH	6
9315003	Washer Cut 1/2" HDG	8
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	10
9345002	Washer Flat SAE 1/2"	22
9415132	Nut Lock 1/2"	8
9443022-TR	Nut Barrel 3/8" x 5/8" BH	10
9443092-TR	Nut Barrel 3/8" x 2" BH	6

Specifications

FIRETRUCK BODY, SEATS, HANDLES & FOOTRESTS:

Shall be made from high density 3/4" sheet plastic specially formulated for optimum UV stability and color retention.

PLAYGROUND EVENT SPRING:

Shall be 5-3/4" O.D. with a free height of 14" and will have a multi-stage baked-on powder coat finish.

EVENT SPRING RETAINER:

Shall be fabricated using 1/8" thick plate steel and will have a multi-stage baked-on powder coat finish.

BOTTOM SPRING MOUNT PLATE:

Shall be fabricated using 1/4" thick plate steel and will have a multi-stage baked-on powder coat finish.

TOP SPRING MOUNT PLATE:

Shall be fabricated using 3/16" thick plate steel and will have a multi-stage baked-on powder coat finish.

SPRING RIDER BRACKET:

Shall be fabricated using 3/16" sheet steel and will have a multi-stage baked-on powder coat finish.

HARDWARE:

Shall be stainless steel, zinc/nickel plated or galvanized as required to resist rust and corrosion.

Maintenance

Periodically tighten all screws, bolts and nuts. A periodic inspection of all parts is necessary. If a part is broken or worn, replace immediately. For general maintenance please refer to our Playground Maintenance Manual.



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Rev A
3/2/2023