Spring Ride with Foot Rest

THICKNESS OF RESILIENT MATERIAL ABOVE CONCRETE FOOTING:
- FULL DEPTH OF RESILIENT MATERIAL IF MAT OR UNITARY
- 4" DEPTH IF LOOSE FILL MATERIAL. TOTAL RESILIENT CAN BE MORE BUT FOOTING WILL NEED TO BE RAISED.
NOTE:
ORIENTATION OF SPRING CASTINGS MAY VARY BETWEEN ASSEMBLIES

SECTION C-C

NOTE:
SEE INSTALLATION INSTRUCTIONS FOR TIGHTENING PROCEDURE. SPRING CASTING SHOULD BE TIGHT AGAINST PLATE. BOLTS ARE TO BE TIGHTENED TO 60-70- FT. LBS.
PARTS LIST

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<th>PART NO.</th>
<th>DESCRIPTION</th>
<th>QTY</th>
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<tbody>
<tr>
<td>000-0069</td>
<td>SPRING CASTING</td>
<td>2</td>
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<tr>
<td>007-0253</td>
<td>BOTTOM PLATE 9 7/8&quot; SQ</td>
<td>1</td>
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<tr>
<td>022-0005</td>
<td>RUBBER SPRING COVER</td>
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<tr>
<td>030-0636</td>
<td>R &amp; R SPRING</td>
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<td>030-0703</td>
<td>FOOTREST PLATE</td>
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<td>030-0830</td>
<td>DUCK</td>
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<tr>
<td>036-0660</td>
<td>HARDWARE PACKAGE</td>
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Note: Hardware package(s) may include extra hardware that is not necessary for this installation.

SPECIFICATIONS

SPRING CASTING: Hot-dipped galvanized, grade 32510, malleable iron.

BOTTOM PLATE 9 7/8" SQ: 1/4" HR steel plate finished with a baked on powder coating.

RUBBER SPRING COVER: EPDM Elastomer compound flexible tube.

R & R SPRING: One piece all welded construction consisting of 13/16" OD spring steel and 3/4" diameter HR steel round finished with a black baked on powder coating.

FOOTREST PLATE: One piece all welded construction consisting of 1/4" HR steel plate and 1/2" dia. HR steel round. Finished with a baked on powder coating.

DUCK: One piece all welded construction consisting of cast aluminum alloy parts. Finished with a baked on powder coating.

HARDWARE PACKAGE: Zinc plated screws, nuts, bolts, and washers...

SHIPPING WEIGHT: 68 LBS.

INSTALLATION INSTRUCTIONS

NOTE: Do not tighten hardware until instructed to do so.

1. Determine footing location for ROCK N RIDE to be installed.

2. Attach R & R SPRING to BOTTOM PLATE using SPRING CASTING. Slide casting through coil of spring and rotate spring casting until contact of the "+" side of the pin of the spring is made. Fasten using 1/2" x 1 3/4" hex head cap screws and 1/2" lock nuts. Tighten bolts until spring casting is tight against the plate, alternating between the two bolts tightening a half turn at a time. You can ensure that the spring casting is tight to the plate by trying to slide the edge of a piece of paper between the casting and the plate. Bolts should be tightened to 60-70 lbs. See DETAIL B and SECTION C-C.

3. Slide RUBBER SPRING COVER over spring.

4. Compress spring cover and attach FOOTREST PLATE to R & R spring locating spring casting on positive (+) side of locating pin using 1/2" x 1 3/4" hex head cap screw and 1/2" lock nuts. Refer to Step 2 for proper tightening instructions of bolts. See DETAIL B and SECTION C-C.

5. Dig hole for concrete footing. NOTE: A portion of the footing may need to be formed above ground level to accommodate a minimum of 4" of resilient material. A minimum of 18" of the footing is needed below ground level.

6. Pour concrete into footing hole and level off. NOTE: A portion of the footing may need to be formed above ground level to accommodate a minimum of 4" of resilient material.

7. Use the top plate of the spring assembly to point the Rock N Ride in the desired direction and use bottom plate as a template, by allowing the spring assembly to create a light imprint in concrete to show location of anchor bolts. NOTE: Ensure a pocket in the footing for the head of the bolts that secure the spring to the mounting plate.

8. Insert 1/2" X 6" anchor bolts into the concrete and allow concrete to set 2 to 3 days. NOTE: Allow enough thread on anchor bolts to secure bottom plate to footing. See DETAIL A.

9. Once concrete has set-up, place assembled Rock N Ride into position and attach bottom plate to anchor bolts using 1/2" lock nuts and 1/2" flat washers. Tighten nuts.

10. Install resilient material in accordance to installation guidelines, ASTM standards and CPSC guidelines.