

## UP354 SKILL TRAINER

Parts List		
DESCRIPTION	QTY	PART NUMBER
LEFT UPRIGHT	1	GS14RK
RIGHT UPRIGHT	1	GS14RJ
SEAT	1	403580
YELLOW STRETCH BAR	1	403623
BLUE STRETCH BAR	1	403693
GREEN STRETCH BAR	1	403694
FINGER LADDER	1	403640
YELLOW EXERCISE RING	2	403644
BLUE EXERCISE RING	2	403645
GREEN EXERCISE RING	2	403646
SEAT ASS'Y	1	403731
HARDWARE COMPLETE	1	403647
3/8" x 3/4" P.B.H.C.S. w/PATCH	4	812052*
3/8" x 1 1/4" P.B.H.C.S. w/PATCH	15	812051*
3/8" LOCKWASHER	19	817334*
3/8" FLAT WASHER	4	817410*
1/2" ANCHOR ROD	2	135038*
USAGE/WARNING LABEL	1	403912*

*Unless Otherwise Specified, All Units of Measure are Each*

*\* Items listed below Hardware Complete line are included with Hardware Complete Number*

**Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location. Any bolt end protruding more than two full threads beyond the face of the nut causes risk of clothing entanglement. Promptly cut-off flush, file smooth, and treat to prevent corrosion.**

**Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.**

**Note: Loctite (supplied by others) should be used on any non-patch hardware.**

### SPECIFICATIONS:

**Seat Assembly:** Shall have a 1 1/2" galvanized pipe with a 12Ga. hot rolled steel top.

**Seat:** Shall be made with a Polyurethane core and covered with a two part Polyurea spray. Material will be made to be tear and fade resistant.

**Stretch Bars:** Shall be 1-3/8" O.D. galvanized steel tube with a combination polyurea/baked on polyester powder coat finish.

**Uprights:** Aluminum The posts shall be 3 1/2" O.D. with a 0.125" wall thickness 6061-T6 extruded seamless Aluminum tubing conforming to ASTM B-221 and QQ-A 200/8. Tensile strength is 44,962 psi, and yield strength is 39,885 psi. Entire post is polyester powder-coated after fabrication. A cast aluminum cap of matching color is factory riveted into the top end using two aluminum rivets.

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**Sign:** Shall be constructed from 1/2" thick solid color D.H.P.L. with eased edges. The instructions shall be produced by silk-screening process.

**Hardware:** All nuts, bolts, screws, and lock washers used in the assembly shall be stainless steel, yellow dichromate plated steel, blue-coat plated steel, mechanically galvanized or powder coated/yellow dichromate plated steel. All primary fasteners shall be 304 alloy stainless steel. Fasteners with yellow dichromate treatment have an electro-deposited, 99.9% pure zinc substrate applied from a specially formulated solution sealed with a yellow dichromate top coat designed to work in conjunction with the zinc plating.

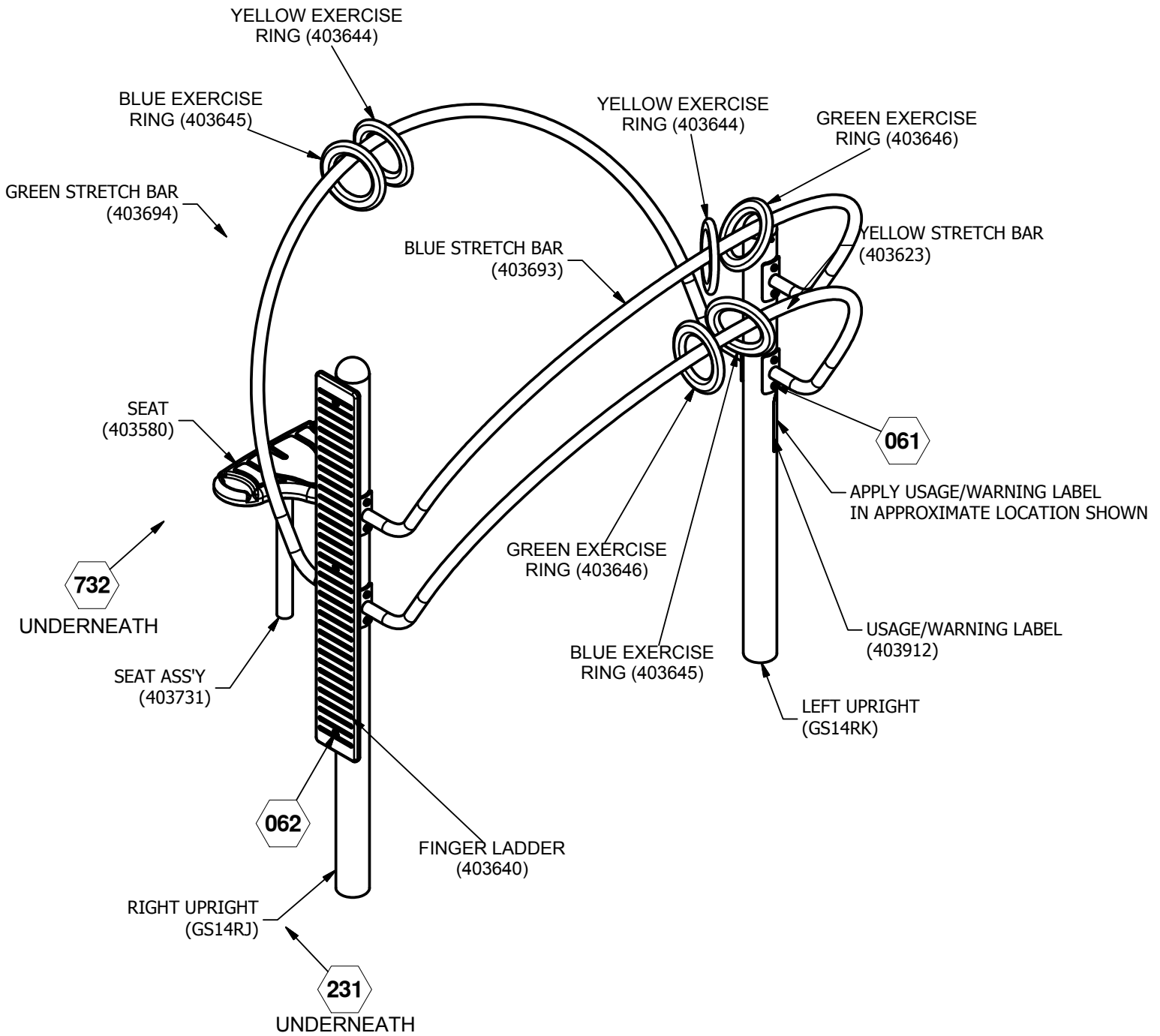
### **INSTALLATION INSTRUCTIONS:**

1. Dig holes according to the Ground Plan. See Ground Plan for dimensions and notes regarding surfacing, etc.  
NOTE: *Due to extremes in weather and soil conditions, hole sizes may have to be increased to meet local conditions.*
2. Place two Exercise Rings on each Stretch Bar as shown in the finished assembly.
3. Attach Stretch Bars to Uprights using 3/8" Lockwasher and 3/8" x 1 1/4" B.H.C.S. See Detail 061.
4. Place Uprights in footing holes in accordance with the plan view. NOTE: *Install Anchor Rod in Uprights as shown in Detail 231.*
5. Attach the Seat to the Seat Assembly using 3/8" Flat Washer, 3/8" Lock Washer and 3/8" x 3/4" P.B.H.C.S. w/Patch. See Detail 732.
6. Place the Seat Assembly in footer hole in accordance with the plan view.
7. Attach Finger Ladder to Upright using 3/8" Lock Washer and 3/8" 1 1/4" P.B.H.C.S. w/Patch. See Detail 062.
8. Attach the Skill Trainer Sign to the Sign Post Assembly using 1/4" x 1/2" B.H.C.S. w/Patch, and 1/4" Flat Washer (5/8" O.D.) See Detail 059.
9. Plumb and level the entire assembly and tighten all fasteners
10. After entire unit is assembled pour concrete footings within 4" to the top and taper away from post for water drainage. Allow to cure at least 48 hours before use. Temporary bracing may be required until concrete cures.
11. When the structure is finished and satisfactory, eliminate sharp points and sharp edges (burring) on installed hardware like bolts, nuts, etc. Install resilient surfacing material within the use zone of play structure in accordance with ASTM specifications F1292 appropriate for the fall height of each structure. Refer to the safety guidelines.

### **MAINTENANCE PROCEDURE:**

Periodically check hardware for tightness, and tighten as necessary. Always check all parts for breakage or wear, and immediately put equipment out of service until any faulty parts found are repaired or replaced. Also Check all metal parts for rust, paint loss and touch-up if necessary with paint. Check for welded areas and verify integrity. Check periodically resilient surfacing for appropriate depth and remove extraneous materials that could cause injury, infection, or disease. Maintain detailed installation, inspection, maintenance, and repair records for each public-use playground equipment.

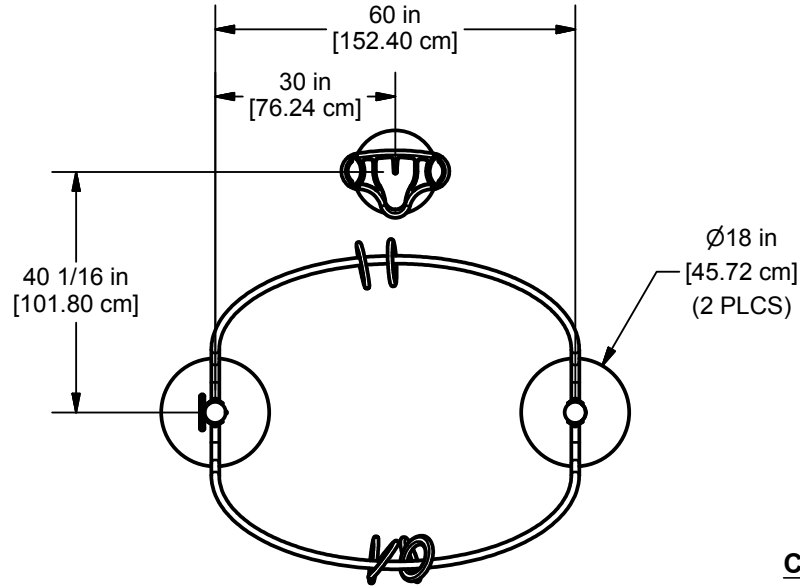
## UP354 SKILL TRAINER



### FINISHED ASSEMBLY

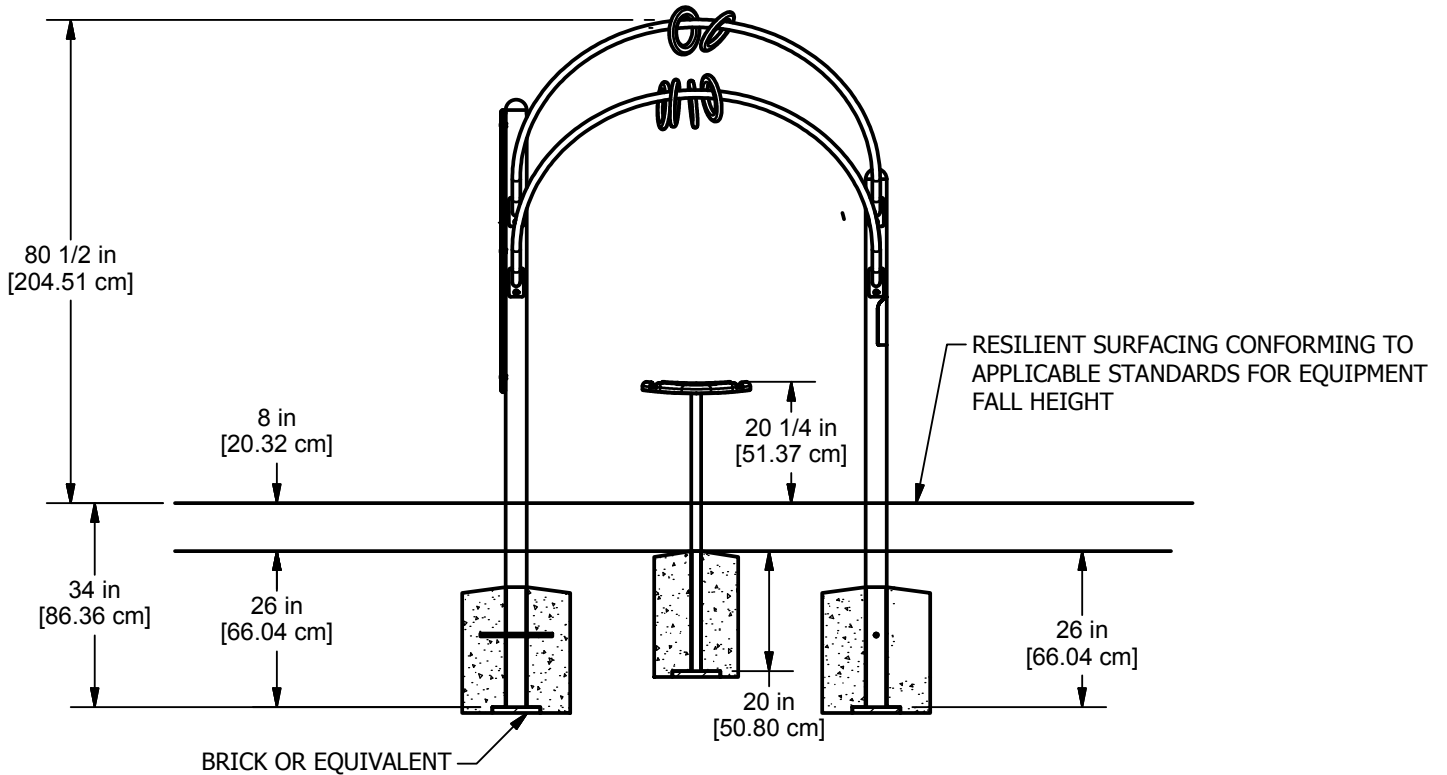
= INSTALLATION DETAIL

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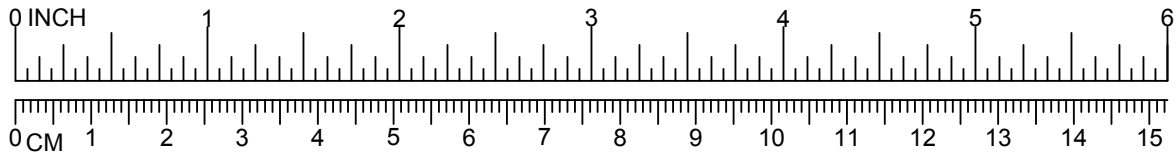
**PLAN VIEW**

**CONCRETE REQUIRED**  
0.271 CUBIC YARDS  
0.207 [CUBIC METERS]



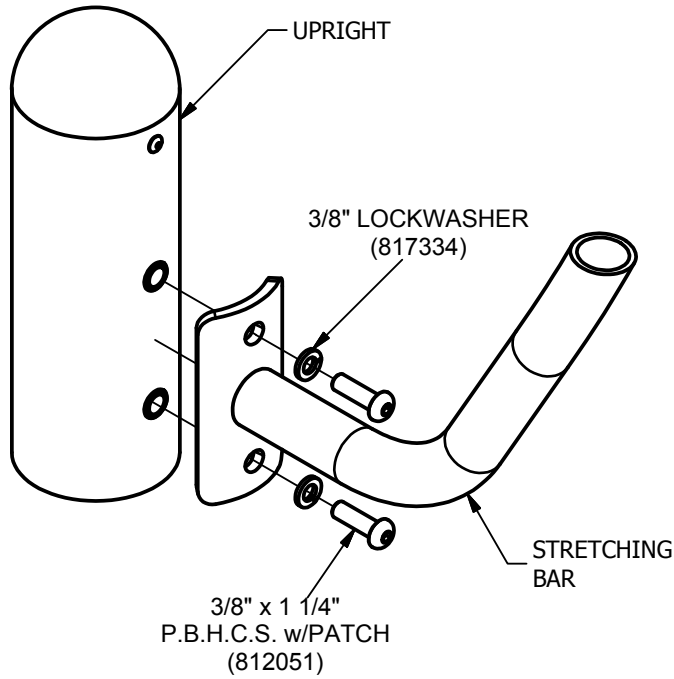
**ELEVATION VIEW**

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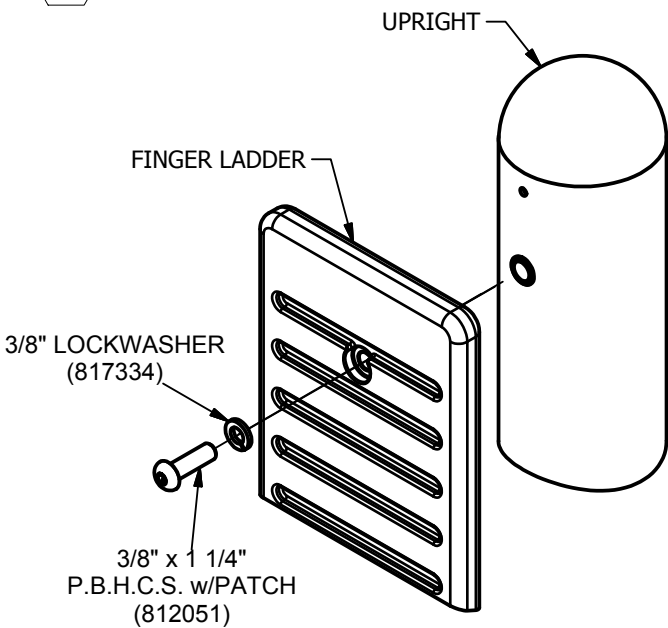


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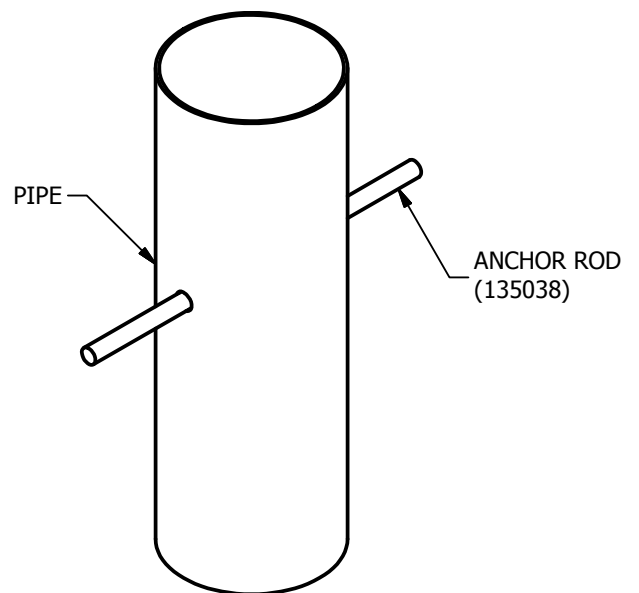
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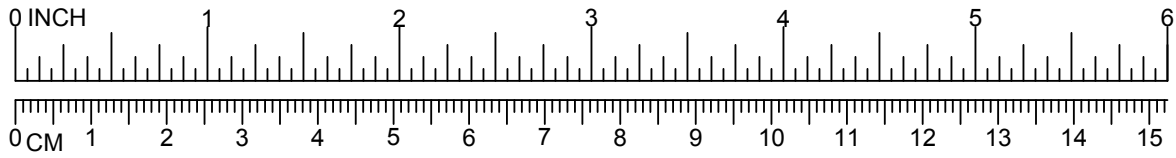


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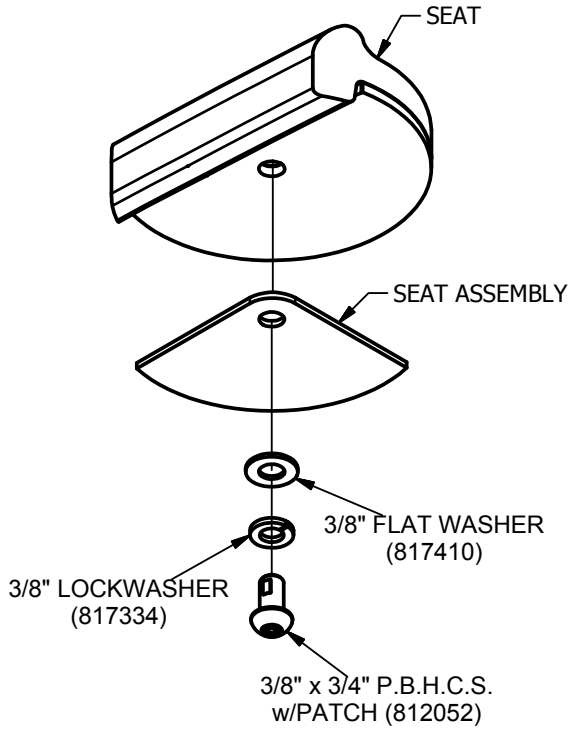
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