



# DECK KIT INSTRUCTIONS

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**DECK SUPERMARKET LIMITED SELF BUILD DECK KITS**



# CONGRATULATIONS

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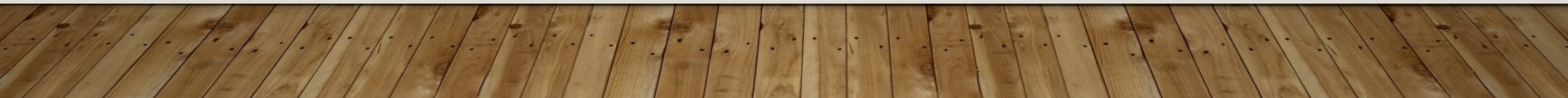
Deck Supermarket Limited would like to congratulate you on the purchase of a high quality verandah/deck kit. You have made the decision to purchase a kit from the market leaders in this field and all that is left to do now is assemble your kit and enjoy.





# ITEMS REQUIRED TO FIT

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- **Safety Gloves, Safety Goggles and Ear Protection as required**
  - **Pencil and Tape Measure, Axle Stands, String Line and Spirit Level**
  - **Drill/Driver and Screw Driver**
  - **Fine Tooth Wood Saw or Power Saw**
  - **Hacksaw**
  - **Appropriate Screws**
  - **\*N.B. These instructions are intended as a guide only as all installations vary. All Self Build Deck Kits should be installed by competent persons Deck Supermarket Limited can not be held responsible for mistakes or injury that happen while using this guide.**
  - **\*All heights and Building Regulations should be checked with Local Authority prior to installing and correct codes of practice followed by the installer.**



# KEY TO PARTS USED IN OUR KITS



Top Rail  
Bracket



Stair Rail  
Bracket



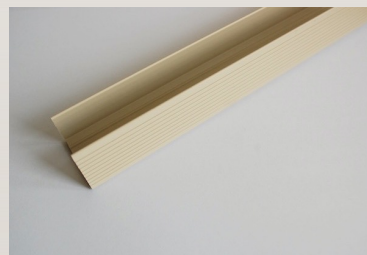
Bottom Rail  
Bracket



Starter  
Trim



“U”/Step Tread  
Bracket



U Channel



Coach Bolt

70mm Wood  
Screw

40mm Wood  
Screw

32mm Stainless  
Steel Screw

25mm Stainless  
Steel Screw

# BUILDING THE FRAMES

The frames are supplied as flat pack, they will be labeled individually and numbered to correspond with your supplied frame plan. You should first form the outside of the first frame, this will be made up of 2 pairs of equal length timber. The supplied corner brackets should be screwed at either end to a pair of timbers of equal length using the supplied 40mm screws, then attached the second pair of timbers to create your outer frame.

The corners should look like the image on the left, timbers corner to corner and ready to accept the posts when you reach that stage.



## BUILDING YOUR FRAMES CONTINUED

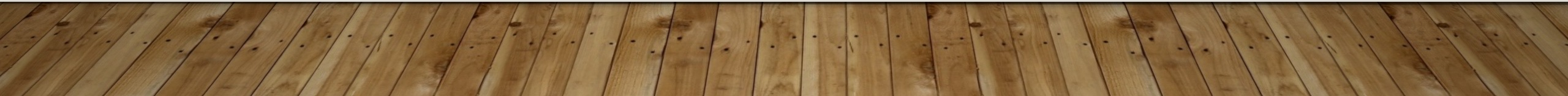
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- The joists can then be added using 70mm screws to secure them, the frames will be marked for there positions and the joists always run in the opposite direction to the deck boards. Once all the joists are all in place the noggins can be cut and fixed, staggering them will make them easier to attach between the joists. Your first frame should now be complete, repeat this until all frames have been built up.



# BUILDING YOUR FRAMES CONTINUED

When all the frames have been completed they can be laid out in number order as per the supplied Deck Frame Drawing. Once this step has been done you are ready to set your frame heights and distance.



# SETTING FRAME HEIGHT & DISTANCE

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Measure from bottom of door to bottom of home, halve this measurement and deduct the thickness of your chosen deck board and make a note of this.



Cut 2 blocks/pieces of timber to the measurement you made a note of, be sure they are square. Now cut 2 slightly longer lengths as per the the image to form an “L” shape and screw together.



# SETTING FRAME HEIGHT & DISTANCE



These “L” shaped brackets need to be set approximately 70mm from the front of the home to the face of the timber and can now be screwed to the bottom edge of the home.



Add a screw to the bottom to take a string line



Both brackets attached

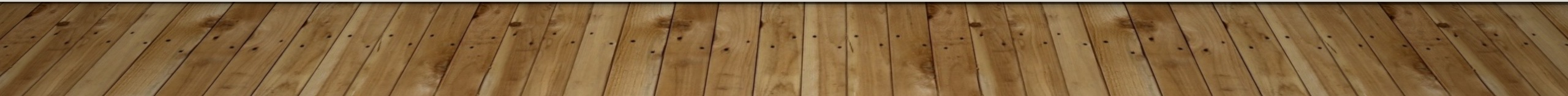


Now attach your string line between both

# LEVELLING FRAMES



The frame/s can now be set to the string line, we use caravan axle stands to hold the frame/s to the correct level as they are easy to adjust.



# LEVELLING FRAMES

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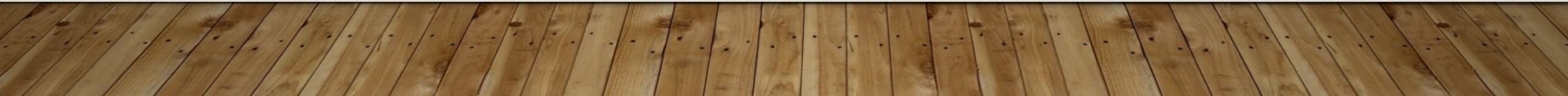
Take your time to make sure your frames are level with the string line that you set.



# SETTING FRAME FALL



Allow 15mm fall using an 1800mm spirit level or a 7mm fall if using a 1000mm level away from your van, we use 3 x 5mm packers with the 1800mm level shown. This is to allow for water run off.



# SETTING POST HEIGHTS BEFORE FIXING IN PLACE



Each full height post needs to be measured between arrows and marked and cut to make sure all post height/caps line up as the slabs are not always true and level. Once cut the post can only be installed in the position it was measured. The height to mark and cut the post is determined by the length of picket in the handrails.

Picket Length =	Measure & Cut at:
<u>695mm</u>	<u>920mm</u>
<u>795mm</u>	<u>1020mm</u>
<u>895mm</u>	<u>1120mm</u>

# SETTING POSTS

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Pilot drill using a 6.5mm bit



Insert coach bolts



Leaving the bottom loose



Check level all round



Use wooden wedge to make level if required



Now fully tighten all the coach bolts

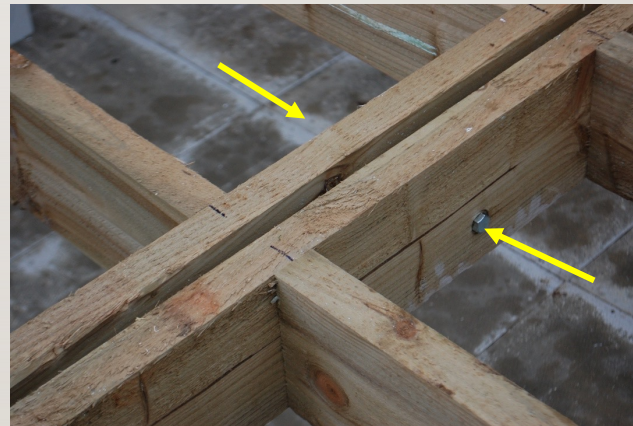
# ADD GATE POST TO CLEAT IF REQUIRED AND SUPPORT POSTS AND ADD BOLTS BETWEEN FRAMES



The gate post if used can be attached by pilot drilling (using a 6.5mm bit) and fixed in place using 2 x coach bolts which should be fixed diagonally across the post



The support posts should be cut 5mm below frame height and fixed using 70mm wood screws. Angle the screws up slightly to pull the post downwards.

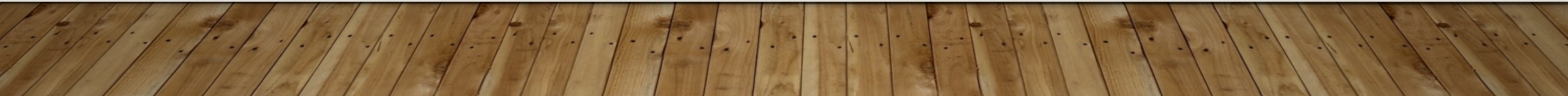


Add a coach bolt to either side of centre where the frames join for added support.

## NEXT ADD YOUR FASCIA



The Fascia should be offered to the opening and marked 2mm over size, it should be cut using a fine tooth saw. Cut one end at an angle to achieve a perfect snug fit and screw from behind starting at either end before attaching in the centre. If you are adding a Ranch Skirt Kit to your deck ignore this stage.





# THIS IS WHAT THE COMPLETED FRAME SHOULD RESEMBLE

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# TIME TO ADD YOUR STEPS



Measure from the top of the frame to the floor and divide this measurement by 3 and mark the post. i.e. if the measurement is 600 each mark will be at 200mm distance. Use a square to mark the post across, place the top of the “U” bracket to the mark and attach to the post with 32mm stainless steel screws as per the image. Be careful not to over tighten the screws as this could result in splitting or breaking the corner off the bracket. We suggest using a drill/driver with adjustable torque for this.

# STEPS CONTINUED

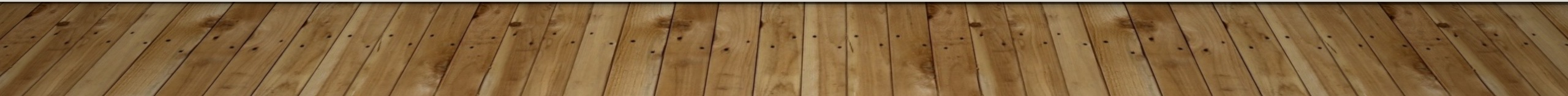


Transfer bracket height across to outer posts using a spirit level, this will keep the the step treads level if the floor is not. Attach brackets and fit step treads as per images above.. Pilot drill and use 25mm stainless steel screws to fix through the side of each "U" bracket as marked by the yellow arrow on both sides of the step .

# ATTACHING STEP SUPPORT POSTS



Cut the step support posts to size, make sure they are 1mm oversize so full contact between ground and the step is made and attach with 2 x 25mm stainless steel screws to each galvanized step tray



# ADD BOTTOM STEP RAIL



Attach bottom stair rail brackets and rail with 32mm stainless steel screws, the same bracket is used for the top but is turn around.

Again pilot drill and fix with 32mm stainless steel screws through the side of the bracket to secure. **Do not attach the top rail yet**

# ADDING A RANCH SKIRT ?

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If you have bought a Ranch Skirt Kit with your Deck Kit then now is the time to install it to the deck area. Access is so much easier before the deck boards have been fitted. Simply screw the supplied u-channel to the inside edge of the posts, the u-channel should start level with the top of the frame and run to the floor.

The top fascia board will then cover the frame, the fascia boards below can then be spaced out equally. You may need to scribe the bottom fascia board if a full board does not fit or the ground is not level. You can then cut to length and screw the supplied pickets to the back of the fascia boards to keep everything in line.



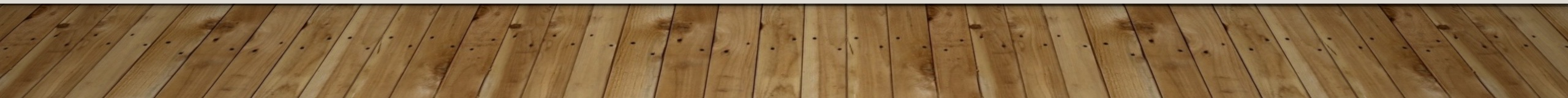
START AT THE STEP END OF THE DECK, CUT STARTER TRIM TO SIZE AND ATTACH WITH 40MM WOOD SCREWS



# FIT YOUR FIRST DECK BOARD

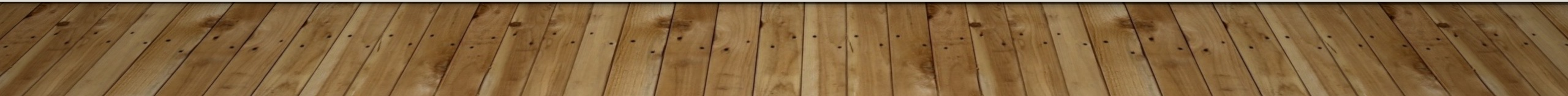


Use a square and pencil to mark your boards and cut with a jigsaw for ease, insert a screw at each joist. Leave a 2mm gap around posts etc. this will avoid squeaking and noise.





NOW ADD ALL OTHER BOARDS TO COMPLETE.

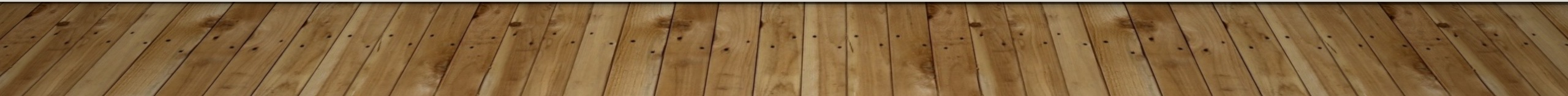


# MEASURE, MARK, CUT AND ATTACH U CHANNEL

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The U Channel should only be pushed on and not stuck on, the U Channel is designed to drain water away and may need removing to clean from time to time.



# DECK BOARDS & RANCH SKIRT COMPLETED



# ATTACHING YOUR HANDRAILS



Set the height of the bottom rail up to 100mm max from the deck to the bottom of the rail. Only attach the brackets to the 2 outermost posts using 32mm stainless steel screws

Now string a line between the 2 outside posts level with the top of the brackets, this will make sure the handrails are level all the way through

# ATTACHING YOUR HANDRAILS CONTINUED



Mark where the line touches  
the centre post



Transfer across using a square



Attach your bottom rail  
brackets to the centre post  
using 32mm stainless steel  
screws

# LEVELLING RETURN RAILS



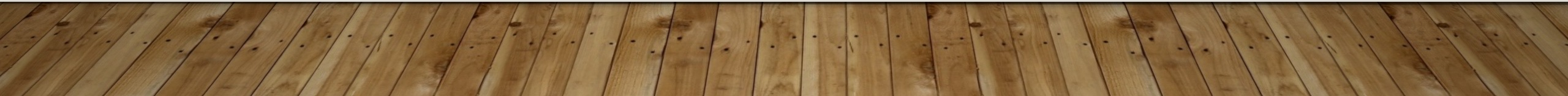
Level up the return rails using a spirit level. Bear in mind because of the fall on the deck the gap under the rail will not be exactly parallel.

# ADDING PICKETS AND TOP RAILS

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Angle the top rail slightly when inserting the pickets will make this stage easier



# ATTACHING TOP RAILS



Next fit your top rail brackets



Your rails can then be centered within the width of the post and fixed in place with 32mm stainless steel screws



# ADDING TOP HANDRAIL FOR STEPS AND CAPS

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Line up stair bracket with other top rails, attach top bracket first and the bottom will naturally find its place and can be attached with 32mm stainless steel screws



The caps can now be put in place with a small amount of silicone

# ATTACHING THE GATE



Firstly decide which way your gate will be hung, turn the gate upside down and drill 3 x 5mm drain holes in the centre of the base. Next line the gate up with the top rail and then screw the hinges in place. Finally attach your latch and check operation.

FINALLY CLEAN OFF WITH A SOFT WHITE CLOTH  
AND YOUR INSTALL IS COMPLETE



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