



## DESIGNER DIAMOND™ Technique Step by Step Majestic Hoop Quilt Block:

We have chosen a quilt design built in to your DESIGNER DIAMOND™ sewing and embroidery machine. When choosing other designs, remember, that in order to use Design Positioning, to check your position after embroidering the first side, you need to have some room, to move the design. You cannot have a design that completely fills the Majestic Hoop. We recommend at least 20mm of space, around the design on all sides, to enable you to position as needed.

**Be sure you are updated to the New update! Version 5908-5413 (August 17, 2009) or higher:**

1. Touch  to toggle to embroidery.

2. Touch Start Menu .


3. Touch File Manager .

4. Touch My Designs .

5. Touch List View .

6. Select DD\_86.vp3

7. Touch .


8. Touch .


9. Select 360 x 350.

10. Touch Color Edit .

11. Touch  to turn on the grid.

12. Touch .

13. Line up the design in the upper left hand side of the hoop as shown. Touch  and continue touching it until you are zoomed in to 170% or more. Additional grid lines automatically appear. Your Fine Tune Position Numbers on the bottom right hand of the screen should read  $\updownarrow 82.7$   $\leftarrow\rightarrow 80.5$ .

14. Touch Zoom to Hoop .

15. Your design is still highlighted as is indicated by the red square around it. Touch



$\times 2$  to duplicate your design. Move the new design to  $\updownarrow 82.7$   $\leftarrow\rightarrow 80.5$ . Use your zoom, and grid lines to help you position the design, then use your Control Arrows to fine tune the position of your design.

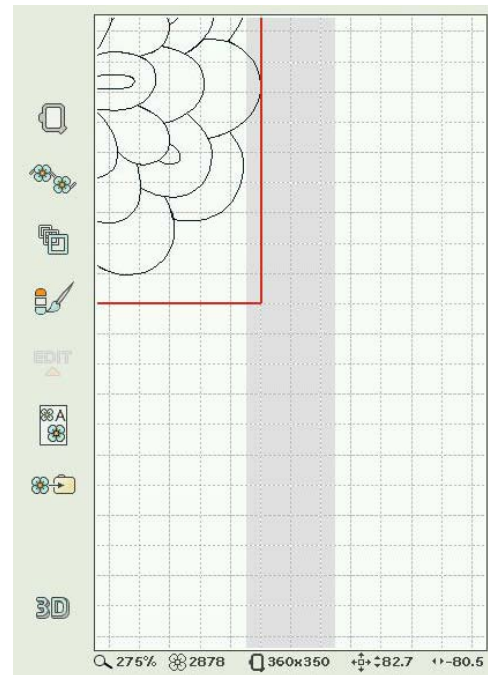
16. Repeat step 16 twice to place two more designs at  $\updownarrow 82.7$   $\leftarrow\rightarrow 80.5$  and  $\updownarrow 82.7$   $\leftarrow\rightarrow 80.5$ .


17. You now have four perfectly positioned quilt designs.

18. Touch Save Designs .



19. Touch My Files .

20. Touch .



21. Touch and Hold  .

22. Enter Majestic Hoop Quilt.

23. Touch  to close the naming window and  again to save the design.

24. Hoop your fabric with two layers of Tear-A-Way Light stabilizer in your Majestic Hoop. Be sure to use your clips. If you are quilting through a finished quilt, you can hoop the “quilt sandwich” as long as it uses a fairly thin cotton batting.

NOTE: We are using a quilting design, comprised of straight stitches. If you are using a design that has fill stitches, and dense stitching, you need to use appropriate stabilizer for the design. For a dense design, that would be several layers of regular weight Tear-A-Way or Cut-A-Way.

25. Touch  .

26. When prompted “Do you want to stitch out all of one side first?” touch Yes.

27. If you are embroidering through a “quilt sandwich”, thread with bobbin thread to match your top thread. Bring up the bobbin thread to the top of your fabric. Increase your tension a few clicks for a balanced stitch.

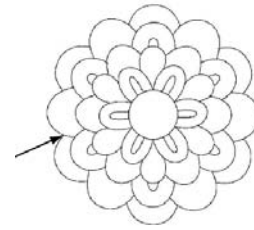
28. Stitch the first side of your design.

29. When the first side is complete, remove your hoop and turn it to attach it on the opposite side.

30. We are going to use Design Positioning to check the second side of our design, and also to match up the next repeat. We don't really need to check the second side, because our designs are not dense, so compensation should not be a problem, and our designs don't actually touch. Learning to do this will help you use it in other designs where the alignment is more crucial. We need to pick the point that we are going to match to. Because we used the grid, and placement numbers, we know our designs are exactly the same distance apart. So, measure two identifiable points in the design. As you can see, we chose where the petals intersect and it measured 1<sup>3</sup>/<sub>4</sub>". We next measured over 1<sup>3</sup>/<sub>4</sub>" to the right. Make a cross hair there, and repeat for the flower above as shown.



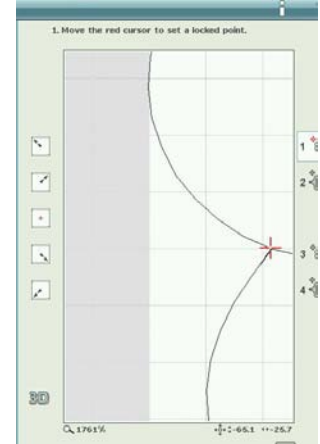
31. Touch Design Positioning





32. Touch Step 1

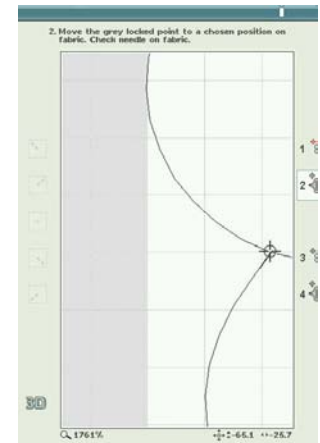



33. Locate the point we are matching on the Screen of your DESIGNER DIAMOND™ sewing and embroidery machine. Place your red cursor over that point.



34. Touch Zoom to Cursor  and fine tune the placement of the red cursor on the design on the screen.

35. Touch . This is where we will check our position on the fabric in the hoop. If all is well, your needle should be right over your mark. Lower the needle and check if it is over the mark. If it isn't right on, then use the control arrows to align the needle with the mark on the fabric. You may get a message if your needle is too low. You can choose to allow a lower needle position if you get this message.



36. Touch . Locate the point on the other flower.

37. Touch  and check your position on the fabric.



38. Touch  to close the Design Positioning window.

39. Embroider the second half of the design.

40. When you get the Message: Embroidery is finished, Clear Screen? Touch .

41. To place the second set of designs, we will use Design Positioning again. We know that our designs are 1 3/4" apart. Using a ruler,



mark a line down as shown, from the previous designs vertically (the length of the runner).



42. Then measure down 1<sup>3</sup>/<sub>4</sub>" as shown, to create a horizontal mark.

43. Touch Design Positioning



44. Touch

45. Place the red cursor on the screen as shown, on the flower. This point corresponds with the mark we made on our fabric.

46. Touch Zoom to Cursor and fine tune the placement of the cursor on the DESIGNER DIAMOND™ screen.



47. Touch . Use the control arrows to move the needle so it is over the cross mark you made on the fabric.

48. We can't check the other mark we made until we stitch the second side. As long as your center line is lined up with the center line of the hoop, your design will be correct. Just touch to close and accept the changes you made in Design Positioning. If you get the message that your design is outside the hoop area, touch

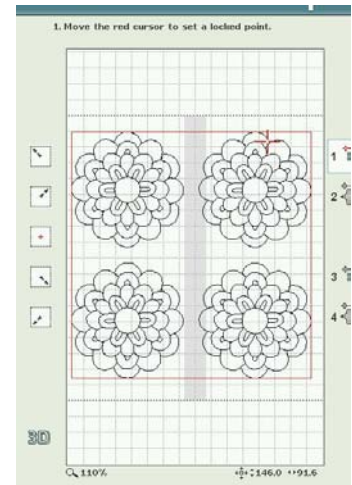
Zoom to Hoop . You can see how much outside the hoop you are. If it is


only a stitch or two, touch and use your control arrows to move it a couple of clicks back into the hoop. If you are a long way outside the area, you will need to re-hoop and repeat the Design Positioning.

49. When the first side is complete, rotate the hoop and touch .


50. Our marks are now on the bottom of the hoop, towards us.


51. Touch Design Positioning



52. Touch  .

53. Place the red cursor as shown, on the Screen of your DESIGNER DIAMOND™ sewing and embroidery machine.

54. As before, touch Zoom to Cursor  and fine tune the placement of the red cross.

55. Touch  and move if necessary so your needle is over the mark you made on your fabric. You should be very close to the mark.

56. Finish stitching the embroidery.

57. Using the techniques you learned here, you can quilt a full quilt if desired, or quilt a runner as we did.

