

#12815

- Includes project instructions
- Fits hoop sizes 6" x 10"



6

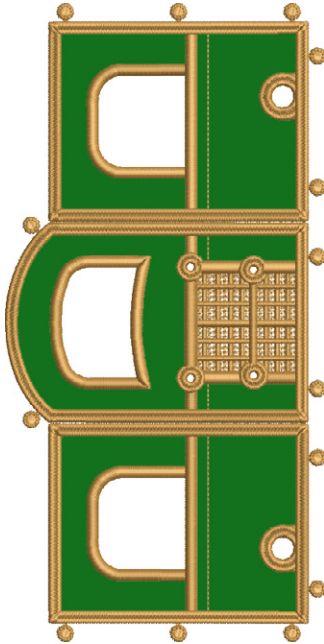
DESIGNS

Freestanding Holiday Train

Note: Some designs in this collection may have been created using unique special stitches and/or techniques. To preserve design integrity when rescaling or rotating designs in your software, always rescale or rotate designs using the handles directly on-screen.

12815-01 Engine Cab Walls FSA

*Fabric Required

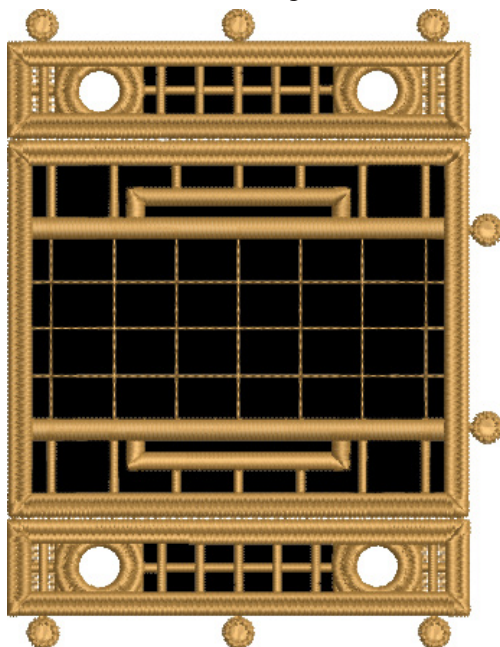


Size Inches: Size mm: Stitch Count:
 8.69 X 4.36 in. 220.7 X 110.7 mm 30016 St.

- 1. Green Front/Black Back Fabric Placement Stitch....0721
- 2. Cut Line and Tackdown.....0721
- 3. Cover Stitch and Lace.....0721

12815-02 Engine Boiler Floor FSA

*Fabric Required



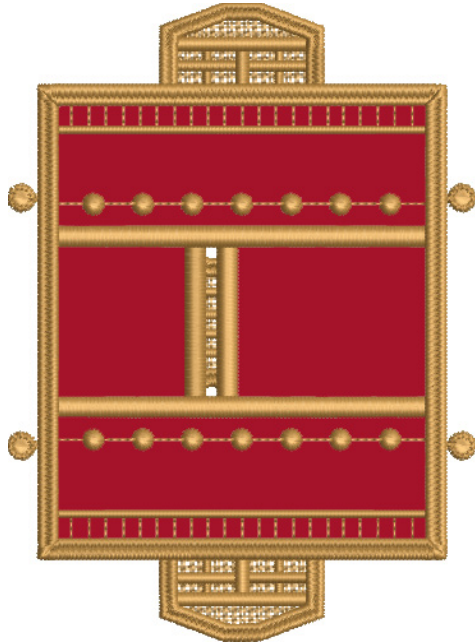
Size Inches: Size mm: Stitch Count:
 4.63 X 3.59 in. 117.6 X 91.2 mm 22400 St.

- 1. Black Front/Black Back Fabric Placement Stitch.....0721
- 2. Cut Line and Tackdown.....0721
- 3. Cover Stitch and Lace.....0721

Note: Some designs in this collection may have been created using unique special stitches and/or techniques. To preserve design integrity when rescaling or rotating designs in your software, always rescale or rotate designs using the handles directly on-screen.

12815-03 Engine Boiler FSA

*Fabric Required

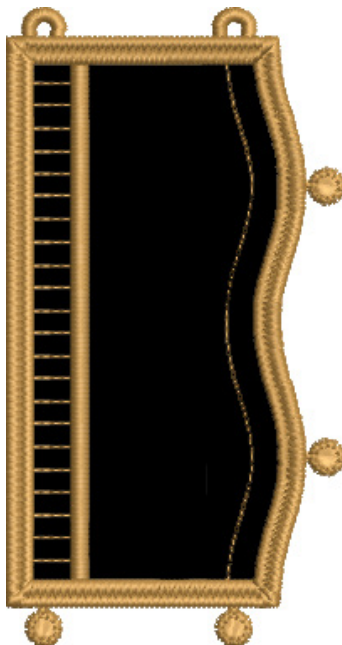


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|-----------------|-----------------|---------------|
| Size Inches: | Size mm: | Stitch Count: |
| 5.22 X 3.83 in. | 132.6 X 97.3 mm | 15604 St. |

- 1. Red Front/Black Back Fabric Placement Stitch0721
- 2. Cut Line and Tackdown.....0721
- 3. Cover Stitch and Lace.....0721

12815-04 Engine Smoke Stack FSA

*Fabric Required



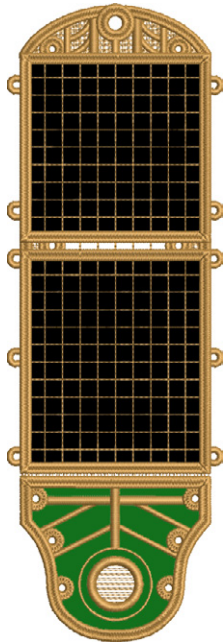
| | | |
|-----------------|-----------------|---------------|
| Size Inches: | Size mm: | Stitch Count: |
| 3.99 X 2.11 in. | 101.3 X 53.6 mm | 5741 St. |

- 1. Black Front/Black Back Fabric Placement Stitch0721
- 2. Cut Line and Tackdown.....0721
- 3. Cover Stitch and Lace.....0721

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12815-05 Engine Base FSA

*Fabric Required

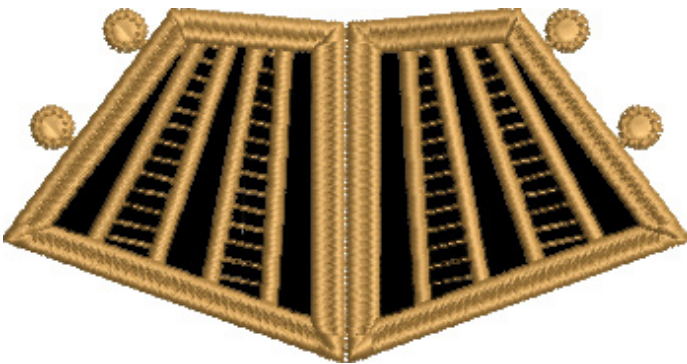


| | | |
|-----------------|-----------------|---------------|
| Size Inches: | Size mm: | Stitch Count: |
| 9.11 X 3.08 in. | 231.4 X 78.2 mm | 27042 St. |

- 1. Green Front/Black Back Fabric Placement Stitch.....0721
- 2. Cut Line and Tackdown.....0721
- 3. Black Front/Black Back Fabric Placement Stitch.....0721
- 4. Cut Line and Tackdown.....0721
- 5. Cover Stitch and Lace.....0721

12815-06 Engine Cow Catcher FSA

*Fabric Required



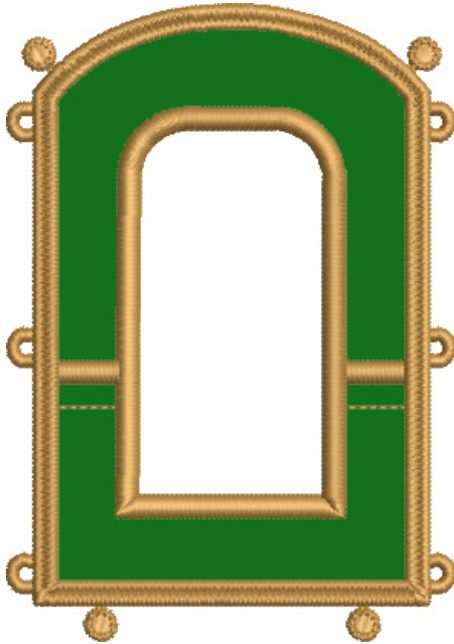
| | | |
|-----------------|----------------|---------------|
| Size Inches: | Size mm: | Stitch Count: |
| 1.88 X 3.65 in. | 47.8 X 92.7 mm | 7903 St. |

- 1. Black Front/Black Back Fabric Placement Stitch.....0721
- 2. Cut Line and Tackdown.....0721
- 3. Cover Stitch and Lace.....0721

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12815-07 Engine Cab Back Wall FSA

*Fabric Required

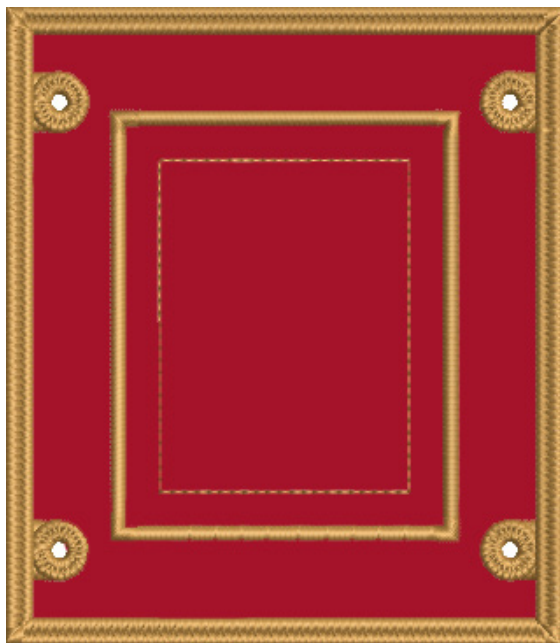


| | | |
|-----------------|-----------------|---------------|
| Size Inches: | Size mm: | Stitch Count: |
| 4.36 X 3.07 in. | 110.7 X 78.0 mm | 8124 St. |

- 1. Green Front/Black Back Fabric Placement Stitch....0721
- 2. Cut Line and Tackdown.....0721
- 3. Cover Stitch and Lace.....0721

12815-08 Engine Cab Roof FSA

*Fabric Required



| | | |
|-----------------|----------------|---------------|
| Size Inches: | Size mm: | Stitch Count: |
| 3.80 X 3.33 in. | 96.5 X 84.6 mm | 8855 St. |

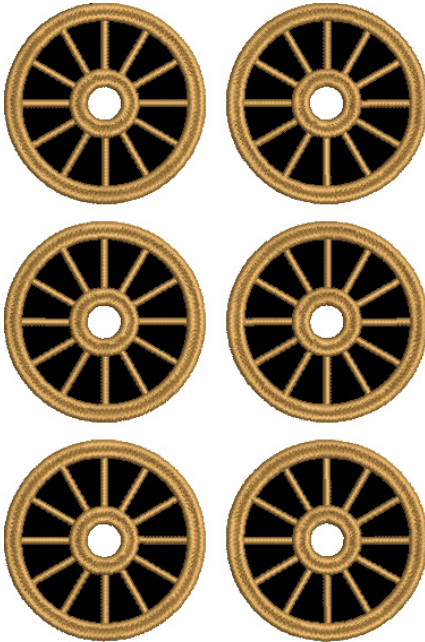
- 1. Red Front/Black Back Fabric Placement Stitch0721
- 2. Cut Line and Tackdown.....0721
- 3. Cover Stitch and Lace.....0721

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12815-09 Engine Wheels FSA

*Fabric Required

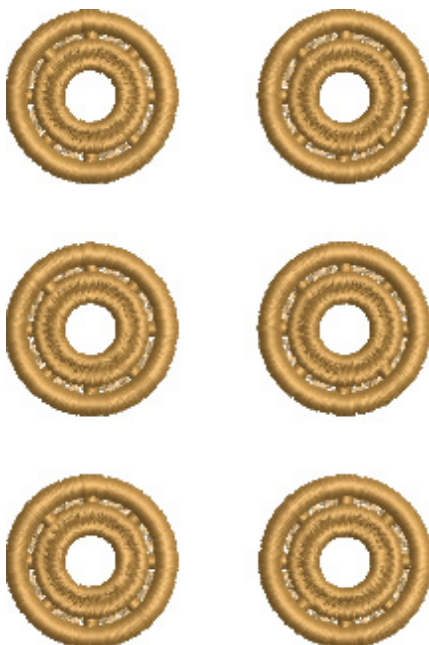
Size Inches: Size mm: Stitch Count:
5.89 X 3.90 in. **149.6 X 99.1 mm** **24567 St.**



- 1. Black Front/Black Back Fabric Placement Stitch0721
- 2. Cut Line and Tackdown.....0721
- 3. Cover Stitch and Lace.....0721

12815-10 Engine Wheel Caps FSL

Size Inches: Size mm: Stitch Count:
3.35 X 2.25 in. **85.1 X 57.2 mm** **11275 St.**



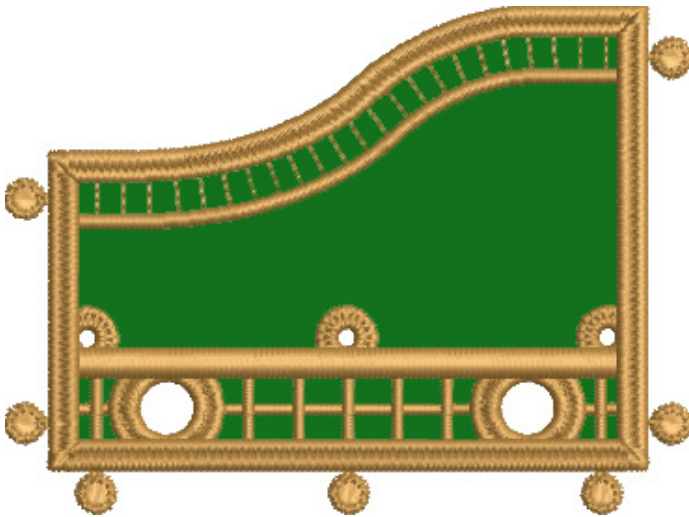
- 1. Single Color Design0721

Note: Some designs in this collection may have been created using unique special stitches and/or techniques. To preserve design integrity when rescaling or rotating designs in your software, always rescale or rotate designs using the handles directly on-screen.

12815-11 Coal Car Side Wall 1 FSA

*Fabric Required

| | | |
|-----------------|----------------|---------------|
| Size Inches: | Size mm: | Stitch Count: |
| 2.85 X 3.85 in. | 72.4 X 97.8 mm | 9835 St. |

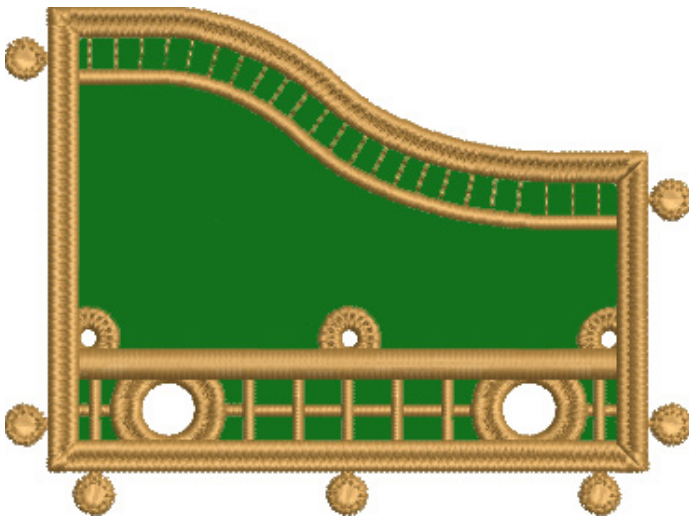


- 1. Green Front/Black Back Fabric Placement Stitch....0721
- 2. Cut Line and Tackdown.....0721
- 3. Cover Stitch and Lace.....0721

12815-12 Coal Car Side Wall 2 FSA

*Fabric Required

| | | |
|-----------------|----------------|---------------|
| Size Inches: | Size mm: | Stitch Count: |
| 2.85 X 3.85 in. | 72.4 X 97.8 mm | 9839 St. |



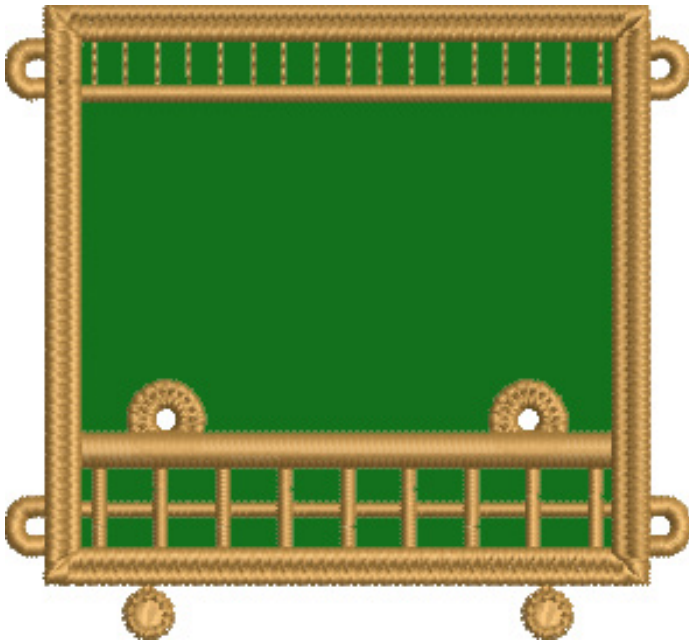
- 1. Green Front/Black Back Fabric Placement Stitch....0721
- 2. Cut Line and Tackdown.....0721
- 3. Cover Stitch and Lace.....0721

Note: Some designs in this collection may have been created using unique special stitches and/or techniques. To preserve design integrity when rescaling or rotating designs in your software, always rescale or rotate designs using the handles directly on-screen.

12815-13 Coal Car Back Wall FSA

*Fabric Required

| | | |
|-----------------|----------------|---------------|
| Size Inches: | Size mm: | Stitch Count: |
| 2.84 X 3.08 in. | 72.1 X 78.2 mm | 7533 St. |

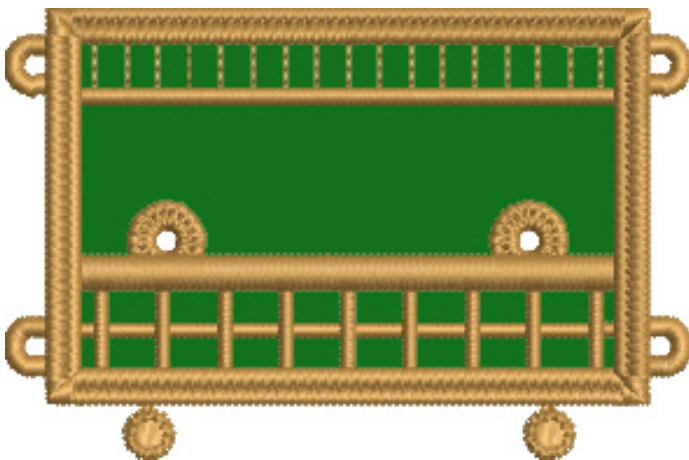


- 1. Green Front/Black Back Fabric Placement Stitch....0721
- 2. Cut Line and Tackdown.....0721
- 3. Cover Stitch and Lace.....0721

12815-14 Coal Car Front Wall FSA

*Fabric Required

| | | |
|-----------------|----------------|---------------|
| Size Inches: | Size mm: | Stitch Count: |
| 2.03 X 3.08 in. | 51.6 X 78.2 mm | 7041 St. |

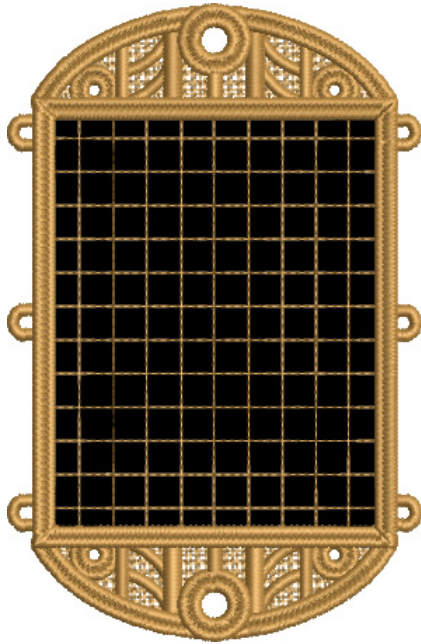


- 1. Green Front/Black Back Fabric Placement Stitch....0721
- 2. Cut Line and Tackdown.....0721
- 3. Cover Stitch and Lace.....0721

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12815-15 Coal Car Base FSA

*Fabric Required

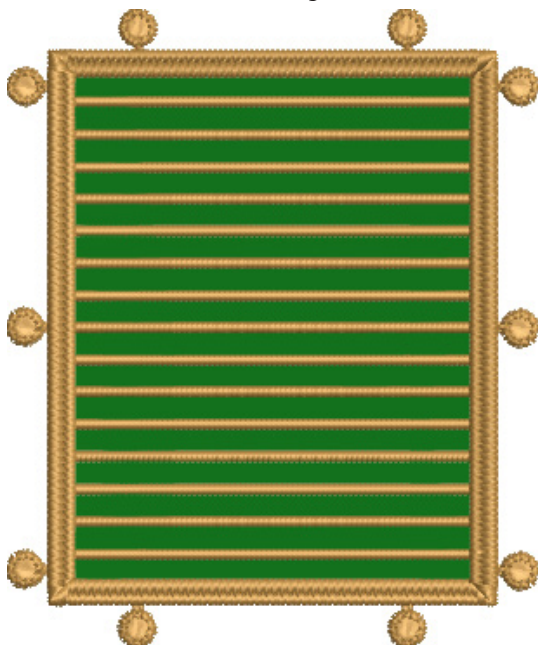


| | | |
|-----------------|-----------------|---------------|
| Size Inches: | Size mm: | Stitch Count: |
| 4.75 X 3.09 in. | 120.7 X 78.5 mm | 16706 St. |

- 1. Black Front/Black Back Fabric Placement Stitch0721
- 2. Cut Line and Tackdown.....0721
- 3. Cover Stitch and Lace.....0721

12815-16 Coal Car Floor FSA

*Fabric Required



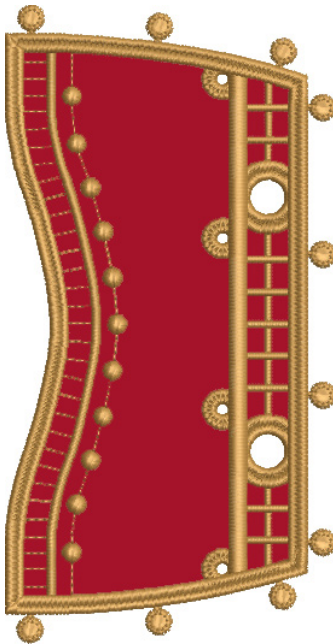
| | | |
|-----------------|----------------|---------------|
| Size Inches: | Size mm: | Stitch Count: |
| 3.85 X 3.21 in. | 97.8 X 81.5 mm | 11588 St. |

- 1. Green Front/Black Back Fabric Placement Stitch....0721
- 2. Cut Line and Tackdown.....0721
- 3. Cover Stitch and Lace.....0721

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12815-17 Hopper Car Side Wall FSA

*Fabric Required

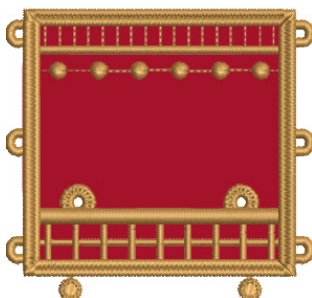
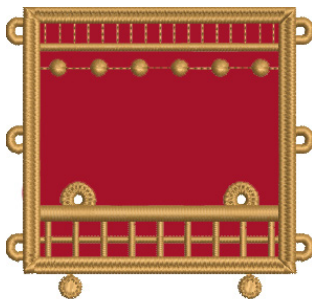


| | | |
|-----------------|-----------------|---------------|
| Size Inches: | Size mm: | Stitch Count: |
| 5.53 X 2.86 in. | 140.5 X 72.6 mm | 13843 St. |

- 1. Red Front/Black Back Fabric Placement Stitch0721
- 2. Cut Line and Tackdown.....0721
- 3. Cover Stitch and Lace.....0721

12815-18 Hopper Car End Walls FSA

*Fabric Required



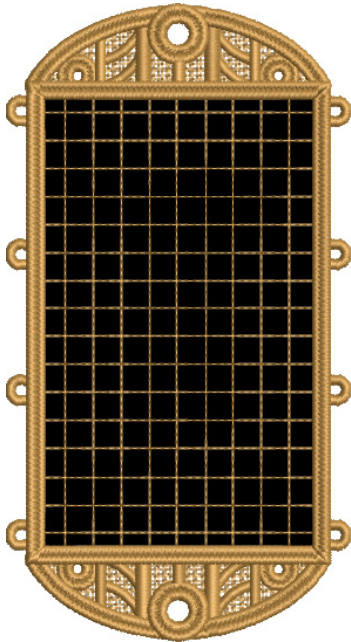
| | | |
|-----------------|-----------------|---------------|
| Size Inches: | Size mm: | Stitch Count: |
| 6.37 X 3.08 in. | 161.8 X 78.2 mm | 16833 St. |

- 1. Red Front/Black Back Fabric Placement Stitch0721
- 2. Cut Line and Tackdown.....0721
- 3. Cover Stitch and Lace.....0721

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12815-19 Hopper Car Base FSA

*Fabric Required

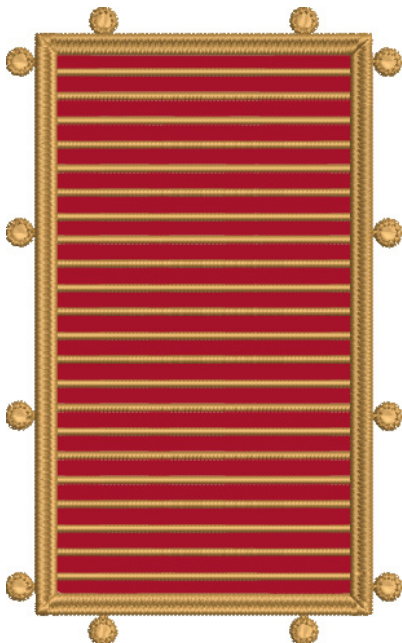


| | | |
|-----------------|-----------------|---------------|
| Size Inches: | Size mm: | Stitch Count: |
| 5.70 X 3.08 in. | 144.8 X 78.2 mm | 18599 St. |

- 1. Black Front/Black Back Fabric Placement Stitch0721
- 2. Cut Line and Tackdown.....0721
- 3. Cover Stitch and Lace.....0721

12815-20 Hopper Car Floor FSA

*Fabric Required



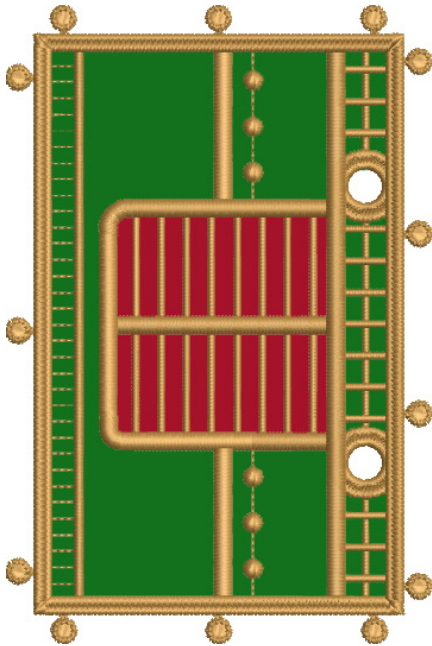
| | | |
|-----------------|-----------------|---------------|
| Size Inches: | Size mm: | Stitch Count: |
| 5.16 X 3.21 in. | 131.1 X 81.5 mm | 15804 St. |

- 1. Red Front/Black Back Fabric Placement Stitch0721
- 2. Cut Line and Tackdown.....0721
- 3. Cover Stitch and Lace.....0721

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12815-21 Box Car Side Wall FSA

*Fabric Required

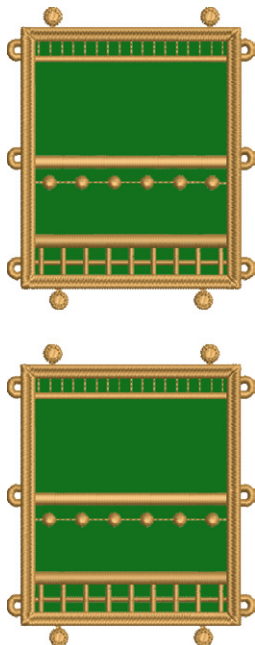


Size Inches: Size mm: Stitch Count:
5.61 X 3.75 in. **142.5 X 95.3 mm** **19028 St.**

- 1. Green Front/Black Back Fabric Placement Stitch....0721
- 2. Cut Line and Tackdown.....0721
- 3. Red Front/Black Back Fabric Placement Stitch0721
- 4. Cut Line and Tackdown.....0721
- 5. Cover Stitch and Lace.....0721

12815-22 Box Car End Walls FSA

*Fabric Required



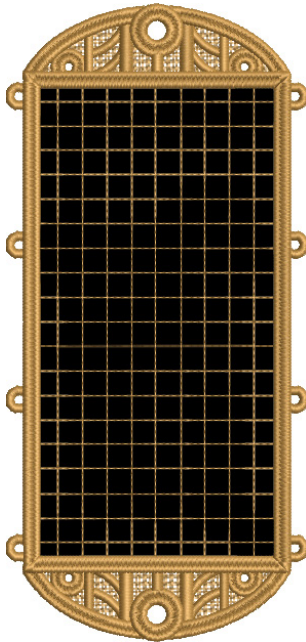
Size Inches: Size mm: Stitch Count:
7.91 X 3.08 in. **200.9 X 78.2 mm** **17739 St.**

- 1. Green Front/Black Back Fabric Placement Stitch....0721
- 2. Cut Line and Tackdown.....0721
- 3. Cover Stitch and Lace.....0721

Note: Some designs in this collection may have been created using unique special stitches and/or techniques. To preserve design integrity when rescaling or rotating designs in your software, always rescale or rotate designs using the handles directly on-screen.

12815-23 Box Car Base FSA

*Fabric Required

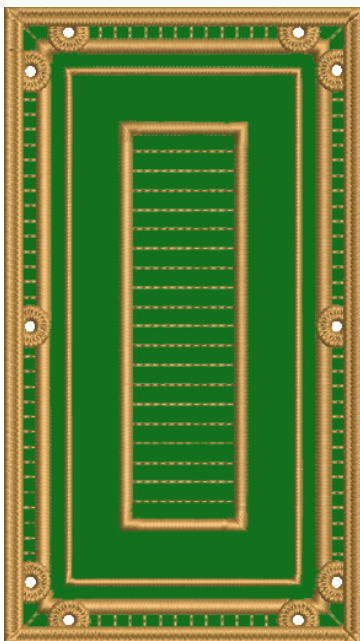


| | | |
|-----------------|-----------------|---------------|
| Size Inches: | Size mm: | Stitch Count: |
| 6.51 X 3.08 in. | 165.4 X 78.2 mm | 19784 St. |

- 1. Black Front/Black Back Fabric Placement Stitch0721
- 2. Cut Line and Tackdown.....0721
- 3. Cover Stitch and Lace.....0721

12815-24 Box Car Roof FSA

*Fabric Required



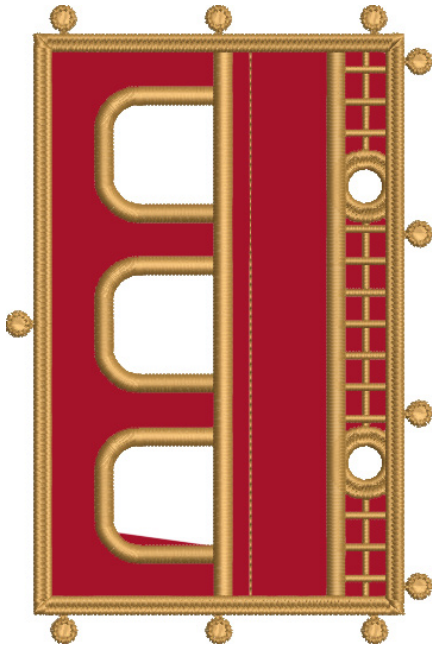
| | | |
|-----------------|-----------------|---------------|
| Size Inches: | Size mm: | Stitch Count: |
| 5.43 X 3.04 in. | 137.9 X 77.2 mm | 18003 St. |

- 1. Green Front/Black Back Fabric Placement Stitch....0721
- 2. Cut Line and Tackdown.....0721
- 3. Cover Stitch and Lace.....0721

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12815-25 Passenger Car Side Wall FSA

*Fabric Required

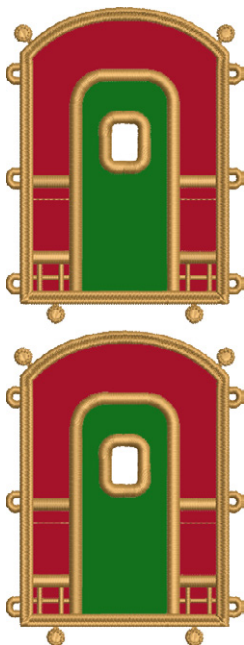


| | | |
|-----------------|-----------------|---------------|
| Size Inches: | Size mm: | Stitch Count: |
| 5.61 X 3.75 in. | 142.5 X 95.3 mm | 14847 St. |

- 1. Red Front/Black Back Fabric Placement Stitch0721
- 2. Cut Line and Tackdown.....0721
- 3. Cover Stitch and Lace.....0721

12815-26 Passenger Car End Walls FSA

*Fabric Required



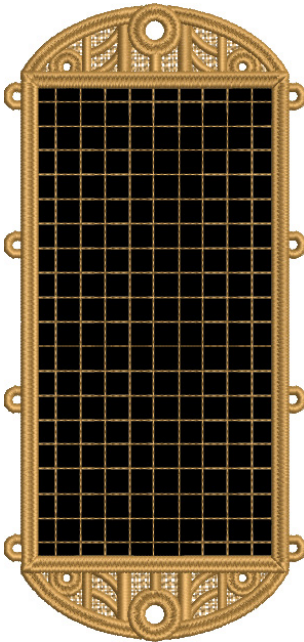
| | | |
|-----------------|-----------------|---------------|
| Size Inches: | Size mm: | Stitch Count: |
| 8.28 X 3.08 in. | 210.3 X 78.2 mm | 19419 St. |

- 1. Red Front/Black Back Fabric Placement Stitch0721
- 2. Cut Line and Tackdown.....0721
- 3. Green Front/Black Back Fabric Placement Stitch....0721
- 4. Cut Line and Tackdown.....0721
- 5. Cover Stitch and Lace.....0721

Note: Some designs in this collection may have been created using unique special stitches and/or techniques. To preserve design integrity when rescaling or rotating designs in your software, always rescale or rotate designs using the handles directly on-screen.

12815-27 Passenger Car Base FSA

*Fabric Required

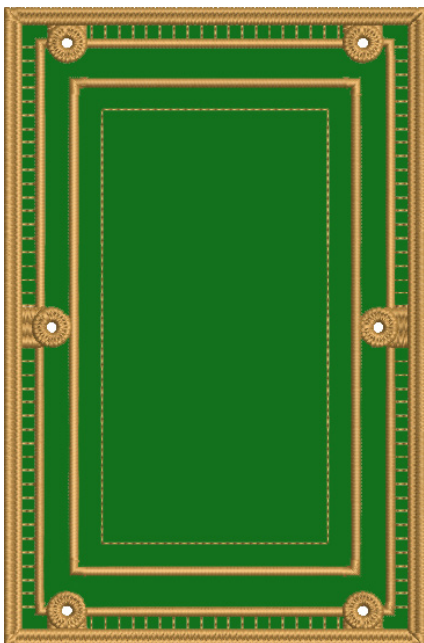


| | | |
|------------------------|------------------------|------------------|
| Size Inches: | Size mm: | Stitch Count: |
| 6.51 X 3.08 in. | 165.4 X 78.2 mm | 19773 St. |

- 1. Black Front/Black Back Fabric Placement Stitch0721
- 2. Cut Line and Tackdown.....0721
- 3. Cover Stitch and Lace.....0721

12815-28 Passenger Car Roof FSA

*Fabric Required



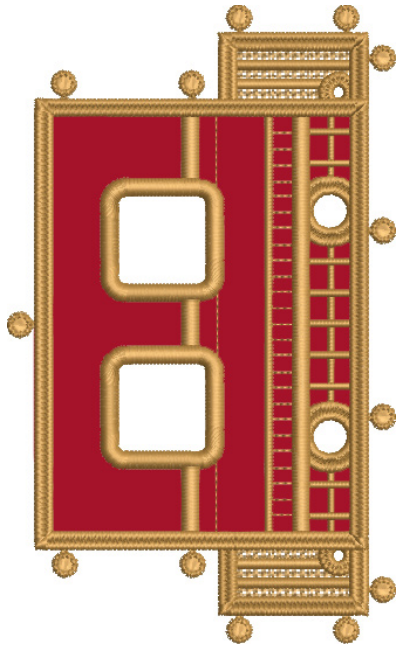
| | | |
|------------------------|------------------------|------------------|
| Size Inches: | Size mm: | Stitch Count: |
| 5.76 X 3.80 in. | 146.3 X 96.5 mm | 17232 St. |

- 1. Green Front/Black Back Fabric Placement Stitch....0721
- 2. Cut Line and Tackdown.....0721
- 3. Cover Stitch and Lace.....0721

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12815-29 Caboose Side Wall FSA

*Fabric Required

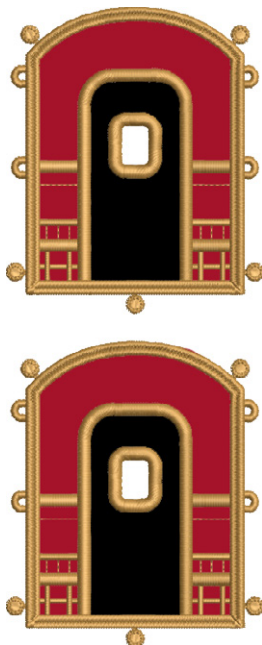


Size Inches: 5.71 X 3.47 in. Size mm: 145.0 X 88.1 mm Stitch Count: 18049 St.

- 1. Red Front/Black Back Fabric Placement Stitch0721
- 2. Cut Line and Tackdown.....0721
- 3. Cover Stitch and Lace.....0721

12815-30 Caboose End Walls FSA

*Fabric Required



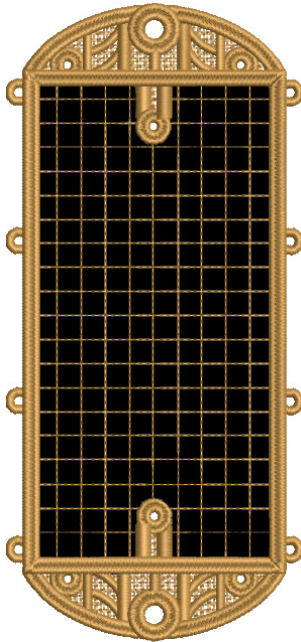
Size Inches: 7.98 X 3.21 in. Size mm: 202.7 X 81.5 mm Stitch Count: 18882 St.

- 1. Red Front/Black Back Fabric Placement Stitch0721
- 2. Cut Line and Tackdown.....0721
- 3. Black Front/Black Back Fabric Placement Stitch0721
- 4. Cut Line and Tackdown.....0721
- 5. Cover Stitch and Lace.....0721

Note: Some designs in this collection may have been created using unique special stitches and/or techniques. To preserve design integrity when rescaling or rotating designs in your software, always rescale or rotate designs using the handles directly on-screen.

12815-31 Caboose Base FSA

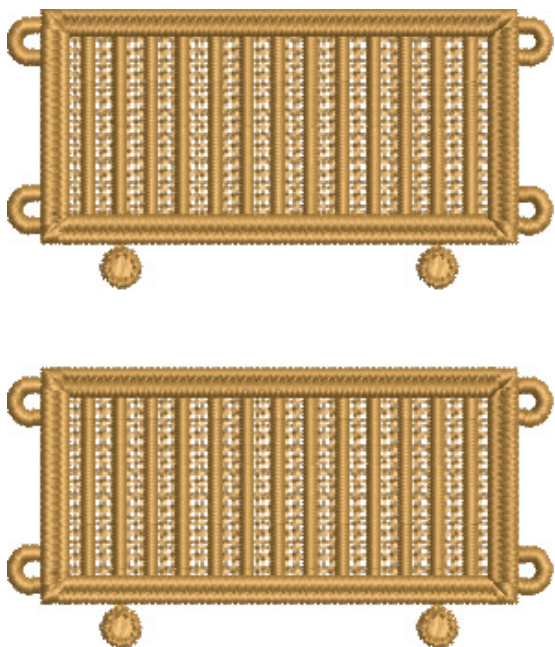
*Fabric Required



| | | |
|-----------------|-----------------|---------------|
| Size Inches: | Size mm: | Stitch Count: |
| 6.62 X 3.08 in. | 168.1 X 78.2 mm | 21389 St. |

- 1. Black Front/Black Back Fabric Placement Stitch0721
- 2. Cut Line and Tackdown.....0721
- 3. Cover Stitch and Lace.....0721

12815-32 Caboose Railing FSL



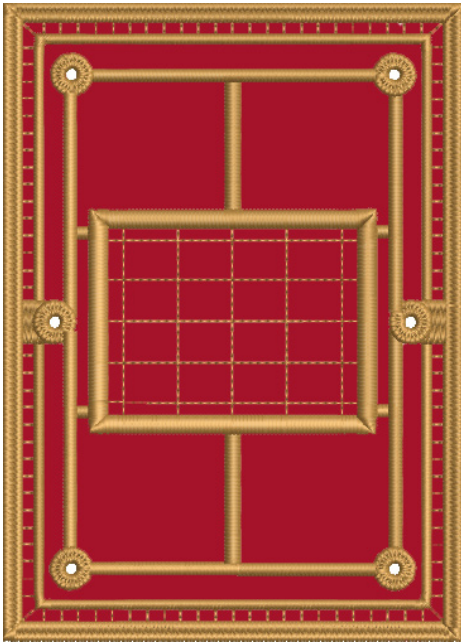
| | | |
|-----------------|----------------|---------------|
| Size Inches: | Size mm: | Stitch Count: |
| 3.62 X 3.09 in. | 91.9 X 78.5 mm | 16632 St. |

- 1. Single Color Design0721

Note: Some designs in this collection may have been created using unique special stitches and/or techniques. To preserve design integrity when rescaling or rotating designs in your software, always rescale or rotate designs using the handles directly on-screen.

12815-33 Caboose Roof FSA

*Fabric Required



Size Inches: Size mm: Stitch Count:
 5.29 X 3.80 in. 134.4 X 96.5 mm 18995 St.

- 1. Red Front/Black Back Fabric Placement Stitch0721
- 2. Cut Line and Tackdown.....0721
- 3. Cover Stitch and Lace.....0721

12815-34 Caboose Cupola Walls FSA

*Fabric Required



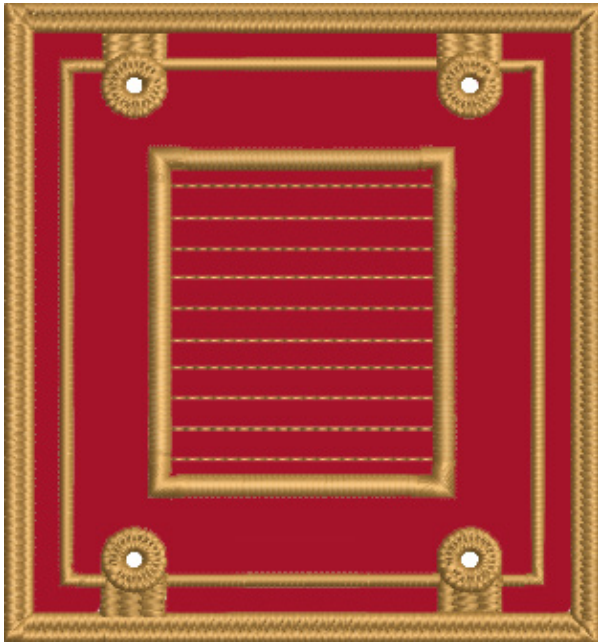
Size Inches: Size mm: Stitch Count:
 9.59 X 2.14 in. 243.6 X 54.4 mm 15847 St.

- 1. Red Front/Black Back Fabric Placement Stitch0721
- 2. Cut Line and Tackdown.....0721
- 3. Cover Stitch and Lace.....0721

Note: Some designs in this collection may have been created using unique special stitches and/or techniques. To preserve design integrity when rescaling or rotating designs in your software, always rescale or rotate designs using the handles directly on-screen.

12815-35 Caboose Cupola Roof FSA

*Fabric Required

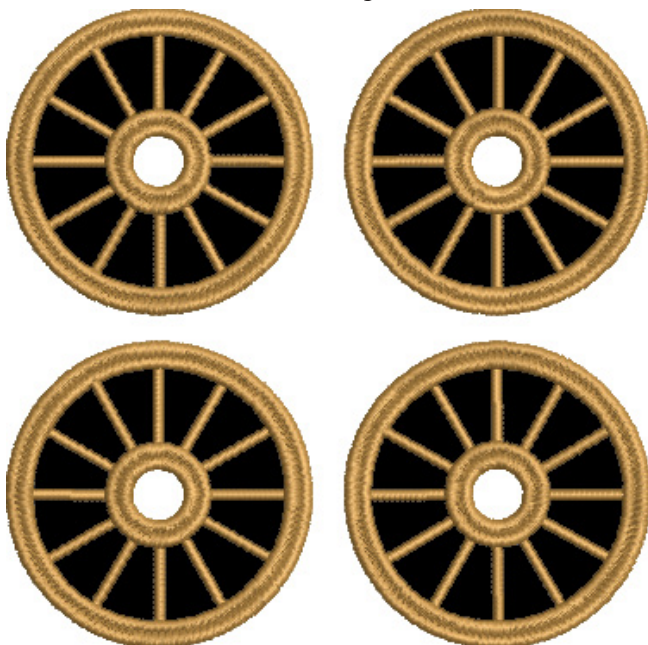


| | | |
|-----------------|----------------|---------------|
| Size Inches: | Size mm: | Stitch Count: |
| 3.48 X 3.25 in. | 88.4 X 82.6 mm | 10558 St. |

- 1. Red Front/Black Back Fabric Placement Stitch0721
- 2. Cut Line and Tackdown.....0721
- 3. Cover Stitch and Lace.....0721

12815-36 Train Wheels FSA

*Fabric Required



| | | |
|-----------------|----------------|---------------|
| Size Inches: | Size mm: | Stitch Count: |
| 3.87 X 3.90 in. | 98.3 X 99.1 mm | 16370 St. |

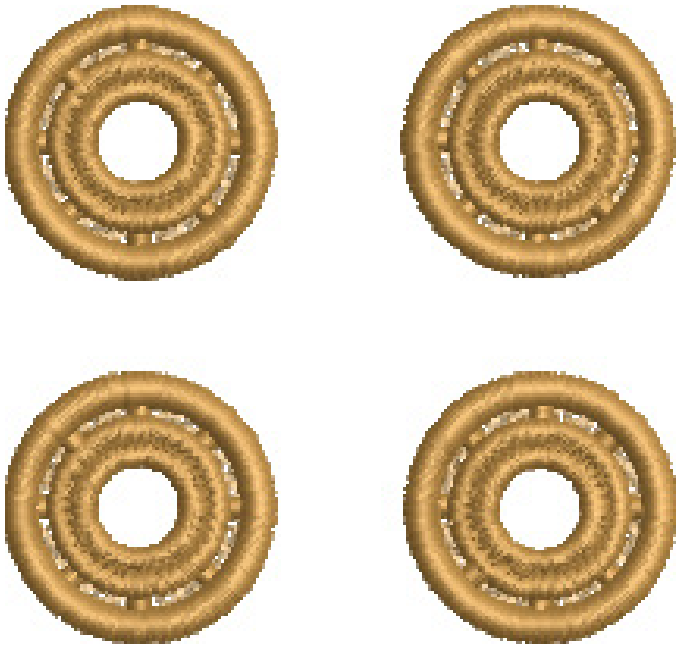
- 1. Black Front/Black Back Fabric Placement Stitch0721
- 2. Cut Line and Tackdown.....0721
- 3. Cover Stitch and Lace.....0721

Note: Some designs in this collection may have been created using unique special stitches and/or techniques. To preserve design integrity when rescaling or rotating designs in your software, always rescale or rotate designs using the handles directly on-screen.

12815-37 Train Wheel Caps FSL

| | | |
|-----------------|----------------|---------------|
| Size Inches: | Size mm: | Stitch Count: |
| 2.13 X 2.25 in. | 54.1 X 57.2 mm | 7515 St. |

■ 1. Single Color Design0721



MATERIALS



Stabilizer

- AquaMesh WashAway
- StabilStick CutAway

Supplies

- Embroidery thread
 - 0721 - 5 spools
- Fabric for applique
 - Red: ½ yard
 - Green: ½ yard
 - Black: 1 ¼ yard
- alligator clamps, tweezers, hemostats, stiletto or a tiny crochet hook
- Expert Embroidery Tape WashAway
- 505 Temporary Spray Adhesive
- 5/16" Dowel - 45.5" (cut into 3, ½" lengths)

Isacord Thread Colors

0721 Antique

SUMMARY



Engine

- Requires 1 Engine Cab Walls FSA - 12815-01
- Requires 1 Engine Boiler Floor FSA - 12815-02
- Requires 1 Engine Boiler FSA - 12815-03
- Requires 1 Engine Smoke Stack FSA - 12815-04
- Requires 1 Engine Base FSA - 12815-05
- Requires 1 Engine Cow Catcher FSA - 12815-06
- Requires 1 Engine Cab Back Wall FSA - 12815-07
- Requires 1 Engine Cab Roof FSA - 12815-08
- Requires 1 Engine Wheels FSA - 12815-09
- Requires 1 Engine Wheel Caps FSL - 12815-010

Fabric:

Green, Red, Black

Final Size: 4 ¾" Tall, 8" Long, 3 ½" Wide



Coal Car

- Requires 1 Coal Car Side Wall 1 FSA - 12815-11
- Requires 1 Coal Car Side Wall 2 FSA - 12815-12
- Requires 1 Coal Car Back Wall FSA - 12815-13
- Requires 1 Coal Car Front Wall FSA - 12815-14
- Requires 1 Coal Car Base FSA - 12815-15
- Requires 1 Coal Car Floor FSA - 12815-16
- Requires 1 Train Wheels FSA - 12815-36
- Requires 1 Train Wheel Caps FSL - 12815-37

Fabric:

Green, Black

Final Size: 3" Tall, 4 ¾" Long, 3 ½" Wide



SUMMARY



Hopper Car

Requires 2 Hopper Car Side Wall FSA - 12815-17
Requires 1 Hopper Car End Walls FSA - 12815-18
Requires 1 Hopper Car Base FSA - 12815-19
Requires 1 Hopper Car Floor FSA - 12815-20
Requires 1 Train Wheels FSA - 12815-36
Requires 1 Train Wheel Caps FSL - 12815-37

Fabric:

Red, Black

Final Size: 3 ¼" Tall, 5 ½" Long, 3 ½" Wide



Box Car

Requires 2 Box Car Side Wall FSA - 12815-21
Requires 1 Box Car End Walls FSA - 12815-22
Requires 1 Box Car Base FSA - 12815-23
Requires 1 Box Car Roof FSA - 12815-24
Requires 1 Train Wheels FSA - 12815-36
Requires 1 Train Wheel Caps FSL - 12815-37

Fabric:

Green, Red, Black

Final Size: 4" Tall, 6 ½" Long, 3 ½" Wide



SUMMARY



Passenger Car

Requires 2 Passenger Car Side Wall FSA - 12815-25
Requires 1 Passenger Car End Walls FSA - 12815-26
Requires 1 Passenger Car Base FSA - 12815-27
Requires 1 Passenger Car Roof FSA - 12815-28
Requires 1 Train Wheels FSA - 12815-36
Requires 1 Train Wheel Caps FSL - 12815-37

Fabric:

Green, Red, Black

Final Size: 4 ½" Tall, 6 ½" Long, 3 ½" Wide



Caboose

Requires 2 Caboose Side Wall FSA - 12815-29
Requires 1 Caboose End Walls FSA - 12815-30
Requires 1 Caboose Base FSA - 12815-31
Requires 1 Caboose Railing FSL - 12815-32
Requires 1 Caboose Roof FSA - 12815-33
Requires 1 Caboose Cupola Walls FSA - 12815-34
Requires 1 Caboose Cupola Roof FSA - 12815-35
Requires 1 Train Wheels FSA - 12815-36
Requires 1 Train Wheel Caps FSL - 12815-37

Fabric:

Red, Black

Final Size: 5 ¼" Tall, 6 ½" Long, 3 ½" Wide

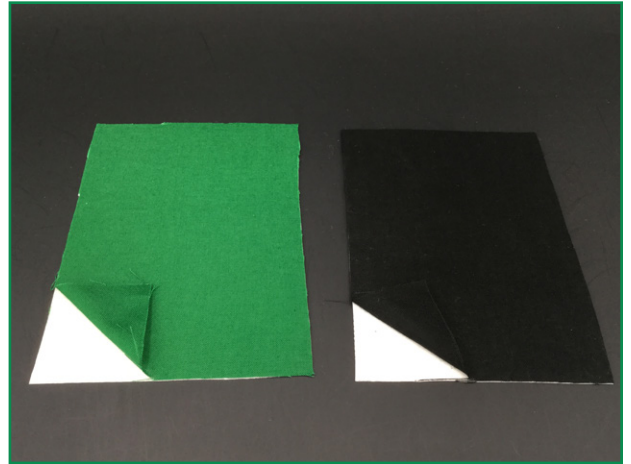


EMBROIDERY



STEP 1

- Prep front and back fabrics with two layers of StabilStick CutAway. The back of each Train piece will be black fabric.



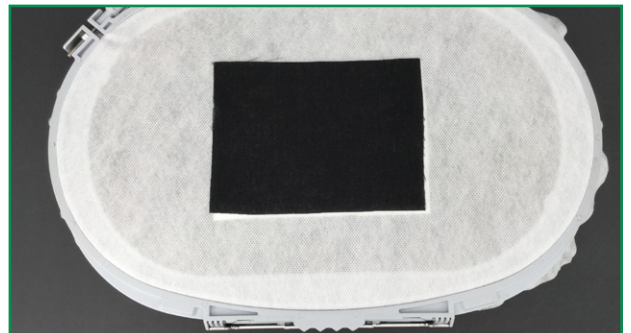
STEP 2

- Match bobbin color to top thread.
- Hoop two layers of AquaMesh and sew color #1, Green/Black Fabric Placement Stitch.



STEP 3

- Lightly spray temporary adhesive on the back side of each applique piece. Place the green fabric directly over the Placement Stitch covering it entirely. Flip the hoop over and repeat for the black fabric.

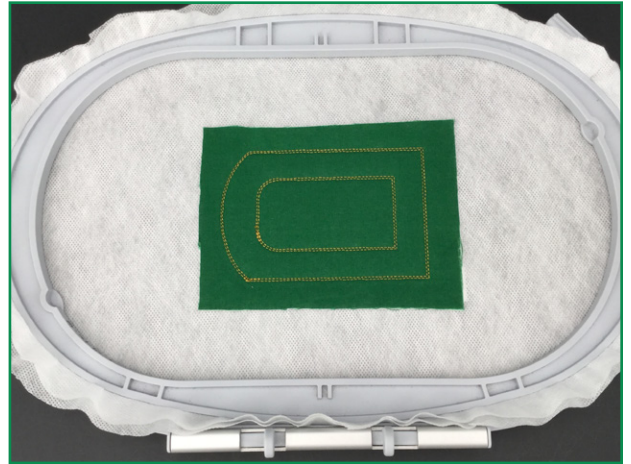


EMBROIDERY



STEP 4

- Return the hoop to the machine and sew color #2, Cut Line and Tackdown.



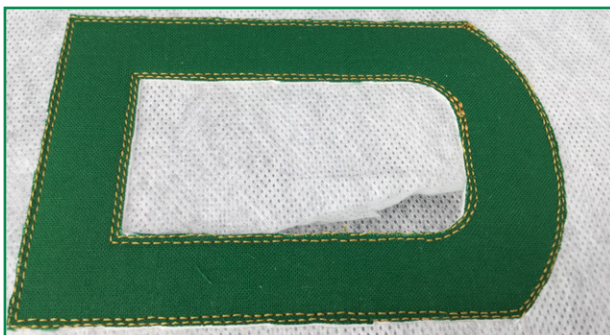
STEP 5

- Remove the hoop and trim the green fabric along the cut line, flip the hoop over and repeat for the black fabric.



STEP 6

- Tip:** If the AquaMesh is cut or a hole is created while trimming the fabric. Simply use OESD Expert Embroidery Tape WashAway as a patch.

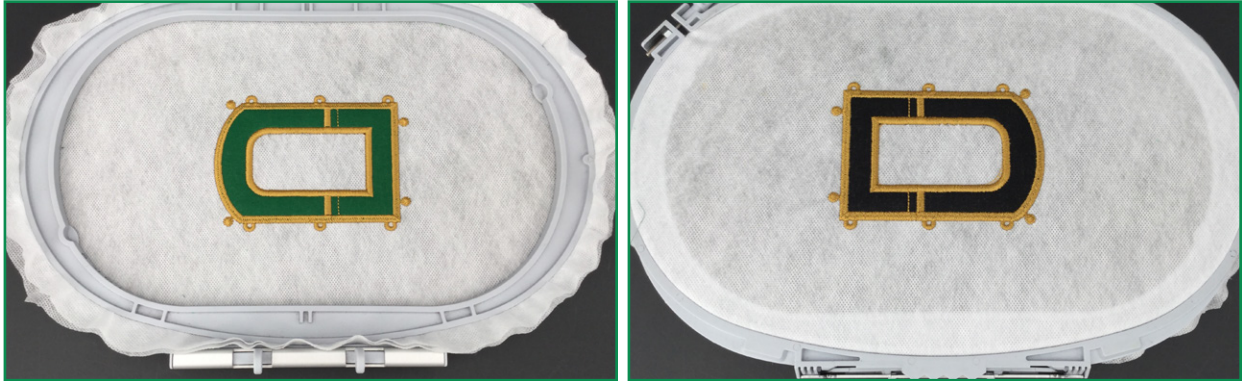


EMBROIDERY



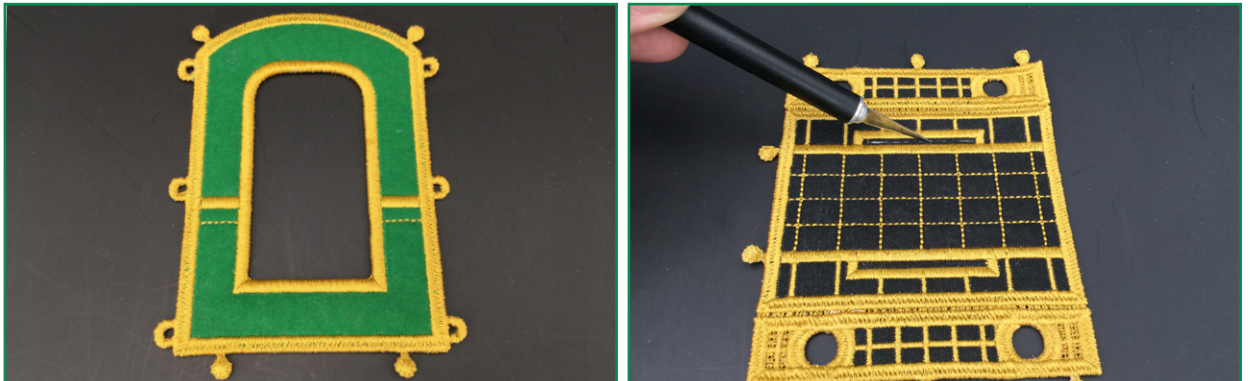
STEP 7

- Return the hoop to the machine and sew color #3, Cover Stitch.



STEP 8

- After sewing, wash away the AquaMesh and let each piece dry. Before assembly, take a utility knife and cut through all the layers of the tab entry. Take care not to cut the satin stitching.

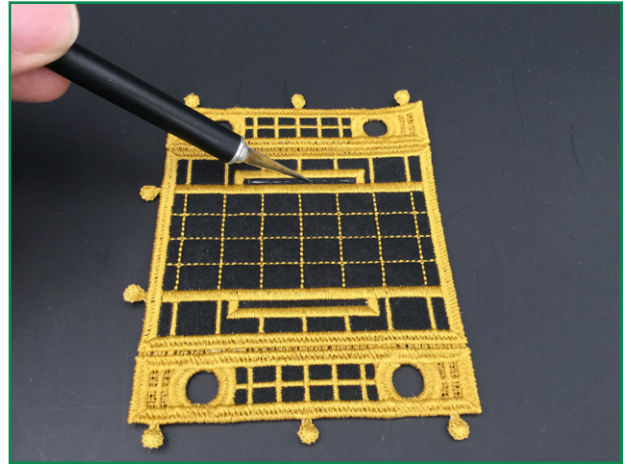


ENGINE



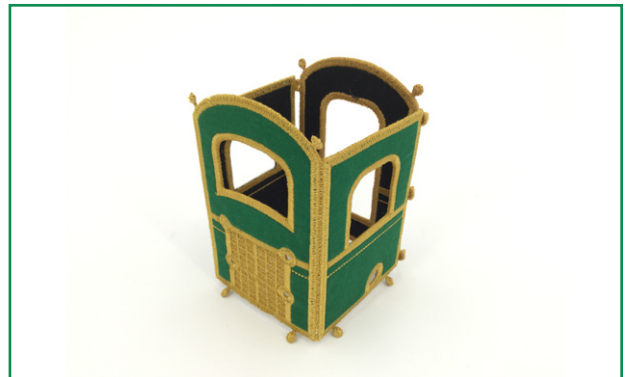
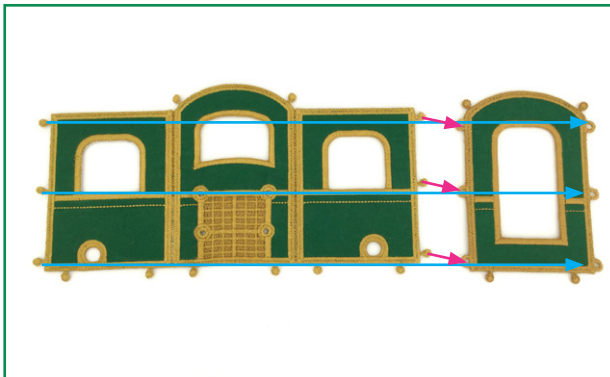
STEP 1

- **Note:** Before assembly, remember to take a utility knife and cut through all the layers of the tab entry. Take care not to cut the satin stitching.



STEP 2

- Begin assembly with the engine cab walls by folding and buttoning the 6 buttonettes to the back wall as shown.



STEP 3

- Take the smoke stack and bend to connect the 2 buttonettes to their corresponding eyelets. For a rounder look, button inwards.



ENGINE



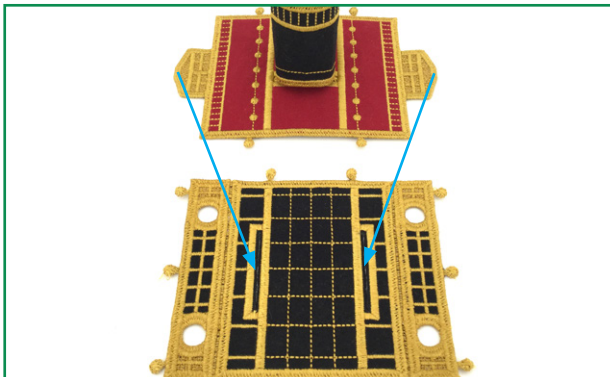
STEP 4

- Next, take the smoke stack and pull the 2 buttonettes through the top 2 eyelets of the boiler as shown.



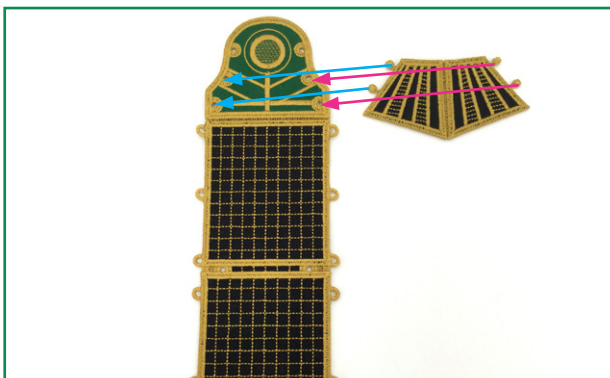
STEP 5

- Take the boiler and bend to insert and pull the 2 tabs through the tab entry points on the boiler floor, as shown.



STEP 6

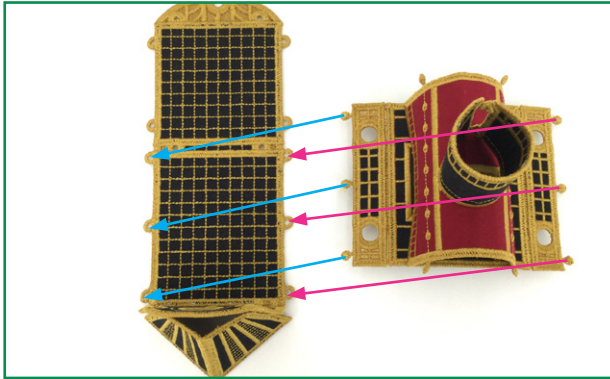
- Next arrange the engine base and cow catcher and button as shown.



ENGINE

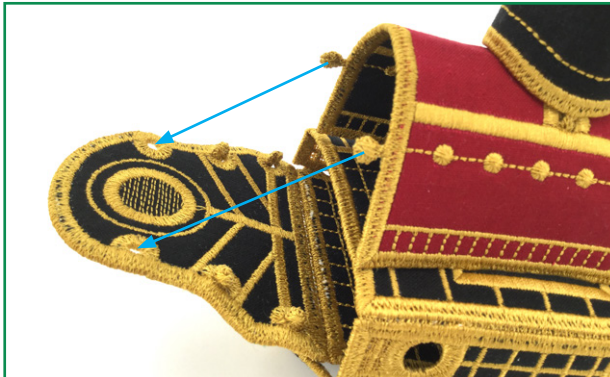
STEP 7

- Take the boiler assembly, fold and button the 6 buttonettes on the sides to the eyelets on the base as shown.



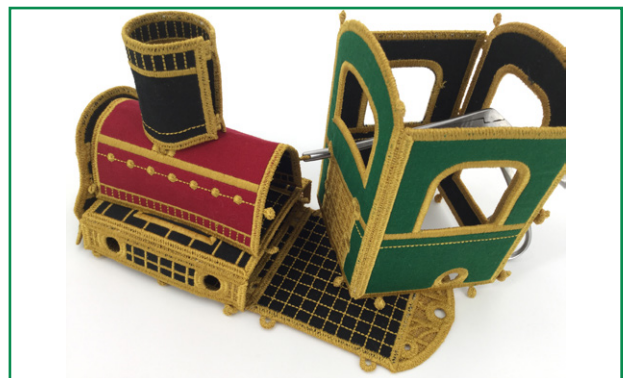
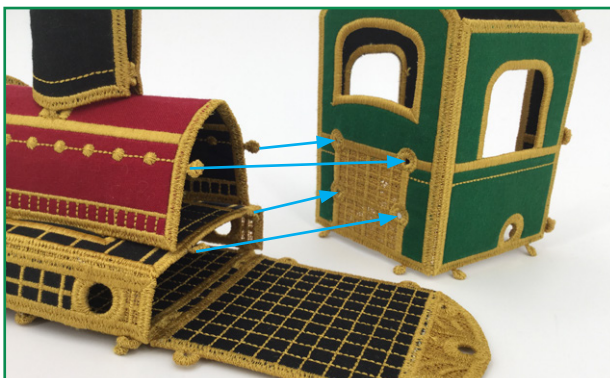
STEP 8

- Button the 2 buttonettes on the boiler to the cow catcher as shown.



STEP 9

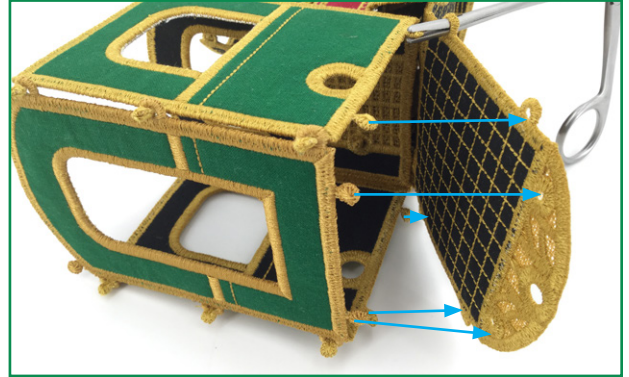
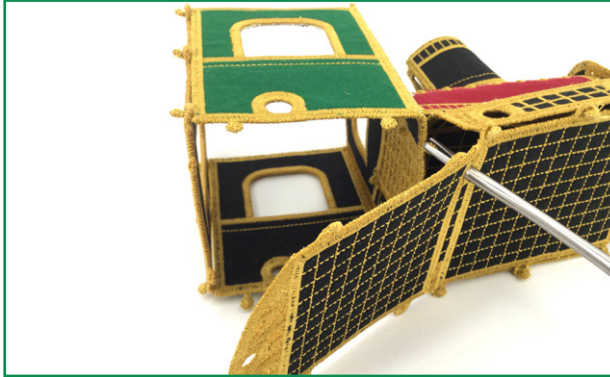
- To attach the cab to the boiler, pull the 4 buttonettes on the boiler through the corresponding eyelets on the cab via the back door of the cab as shown.



ENGINE

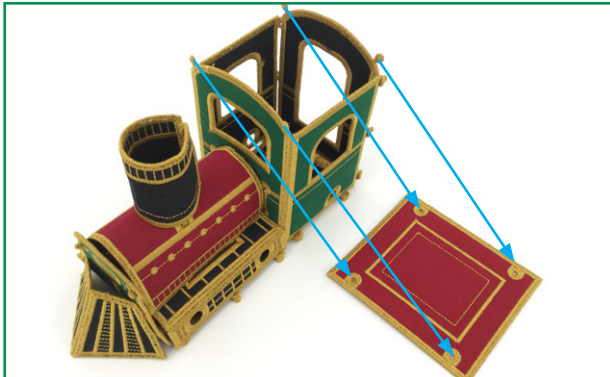
STEP 10

- Pull the remaining buttonettes at the bottom of the cab through the top of the base as shown.



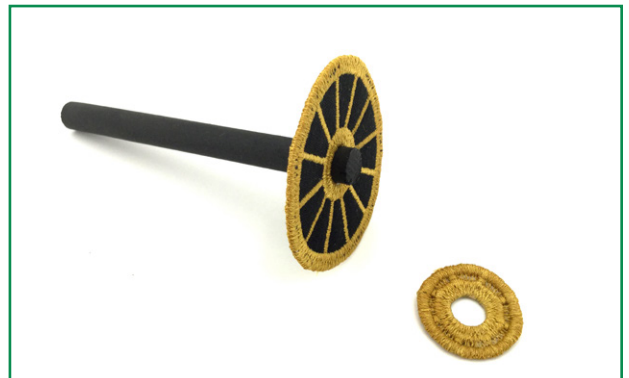
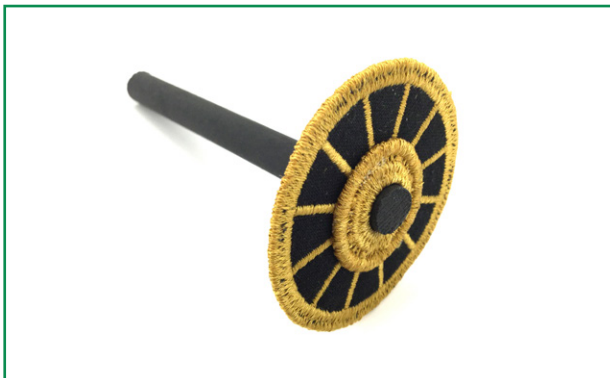
STEP 11

- Attach the cab roof by pulling the 4 buttonettes on the top of the cab through the 4 eyelets on the cab roof as shown.



STEP 12

- The wheels are attached to a 5/16" dowel cut to 3 1/2" length and spray painted black. Slide one wheel onto one end of the dowel and then the cap (wheels and caps will be snug on the dowel).



ENGINE

STEP 13

- Take the dowel and feed it through one of the large holes and out its corresponding hole on the other side. Cap the other end with a wheel first and then a cap.

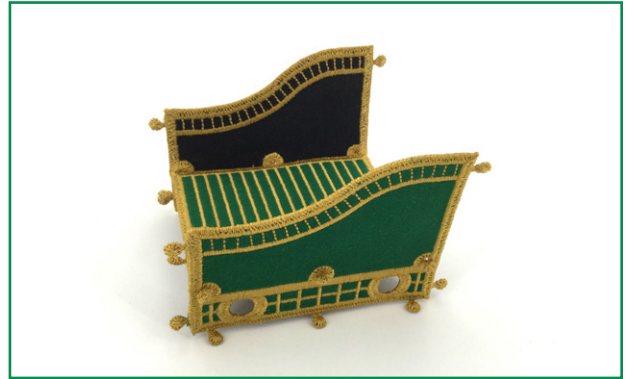
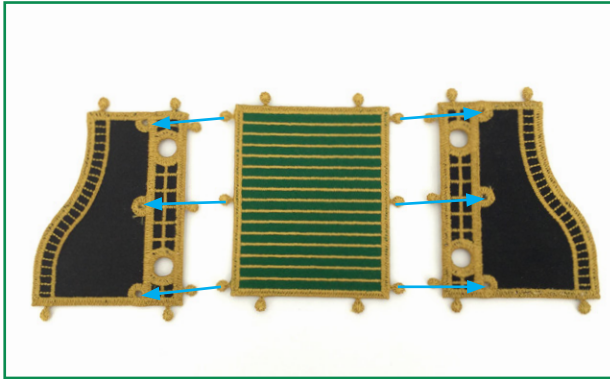


COAL CAR



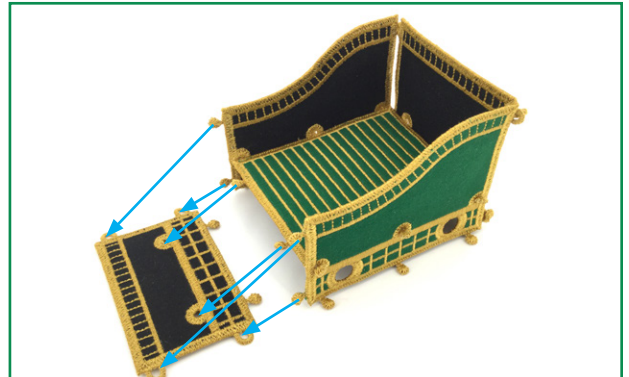
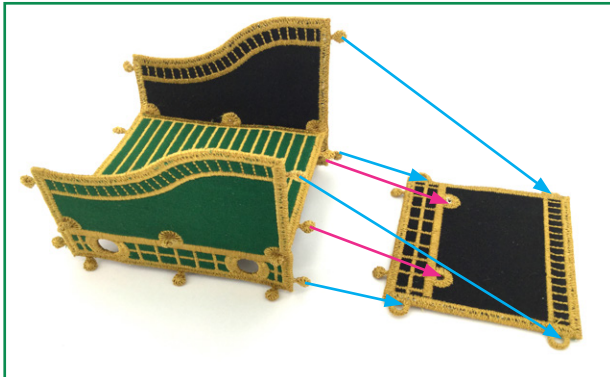
STEP 1

- To assemble the coal car, start with the car floor face up and lay both side walls face down on either side and button as shown.



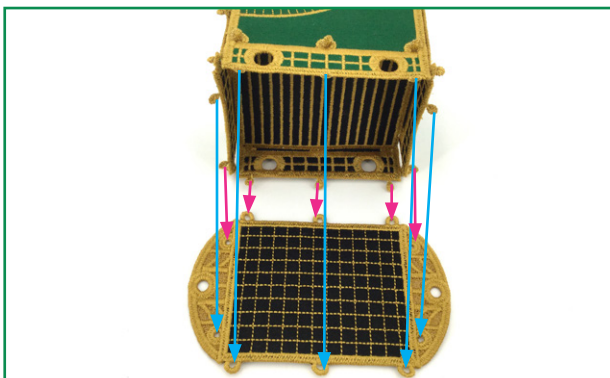
STEP 2

- Next take the back wall and button the 6 buttonettes as shown. Rotate and repeat for the front.



STEP 3

- Take the coal car and base and pull the 10 buttonettes on the coal car through the car base.



COAL CAR

STEP 4

- The wheels are attached to a 5/16" dowel cut to 3 1/2" length and spray painted black. Slide one wheel onto one end of the dowel and then the cap (wheels and caps will be snug on the dowel).



STEP 5

- Take the dowel and feed it through one of the large holes and out its corresponding hole on the other side. Cap the other end with a wheel first and then a cap.

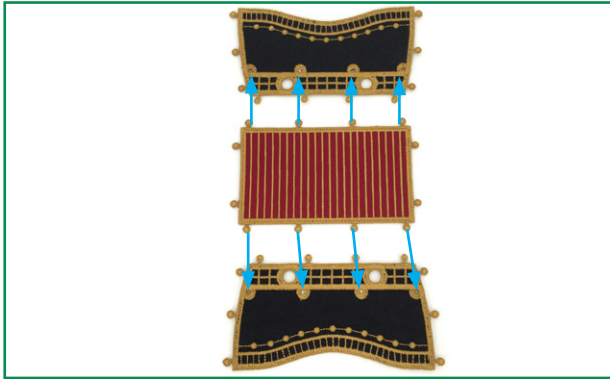


HOPPER CAR



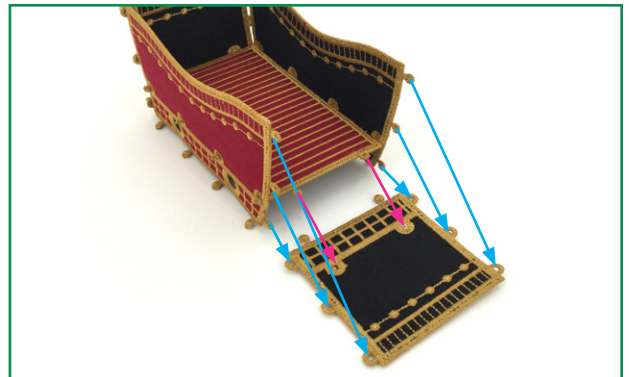
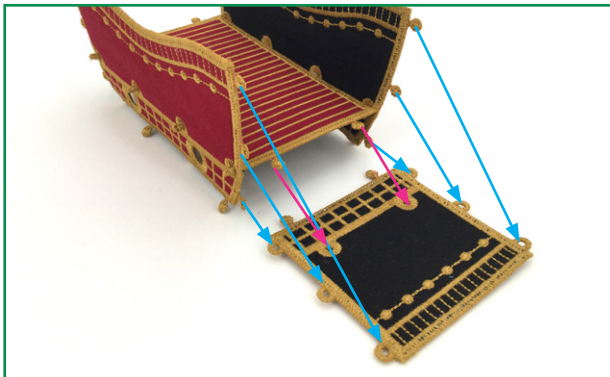
STEP 1

- To assemble the hopper car, start with the floor face up and the walls face down and button as shown.



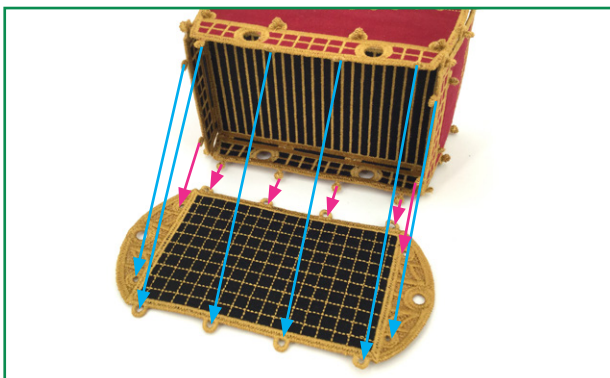
STEP 2

- Next take one of the end walls and button the 8 buttonettes as shown. Rotate and repeat for the other side.



STEP 3

- Next take the hopper base and button the 12 buttonettes as shown.



HOPPER CAR

STEP 4

- The wheels are attached to a 5/16" dowel cut to 3 1/2" length and spray painted black. Slide one wheel onto one end of the dowel and then the cap (wheels and caps will be snug on the dowel).



STEP 5

- Take the dowel and feed it through one of the large holes and out its corresponding hole on the other side. Cap the other end with a wheel first and then a cap.

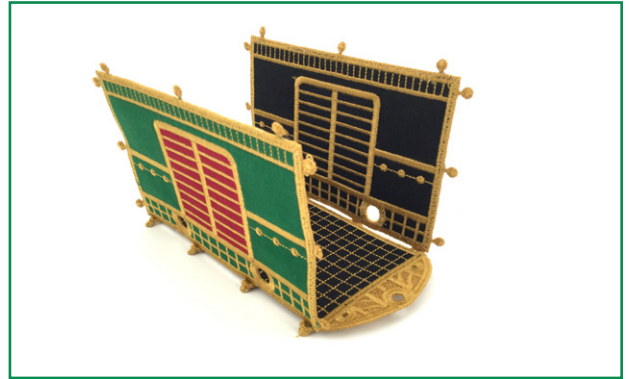
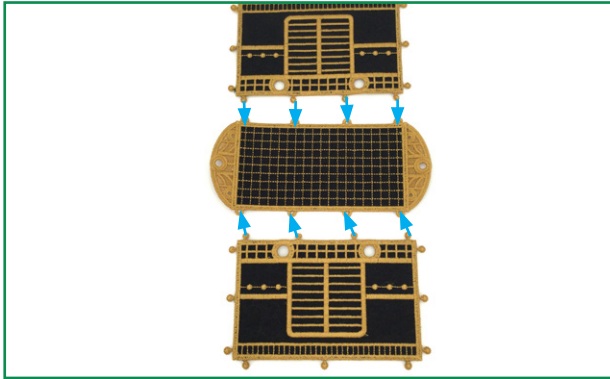


BOX CAR



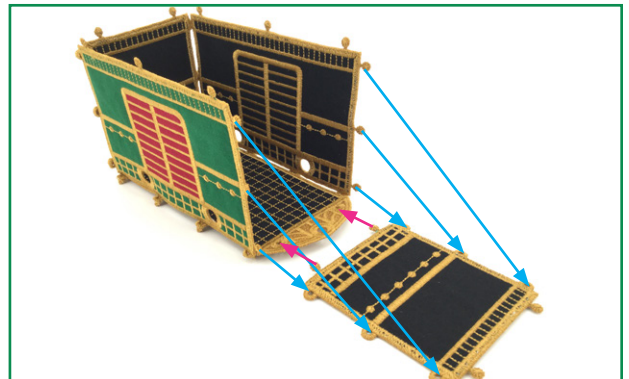
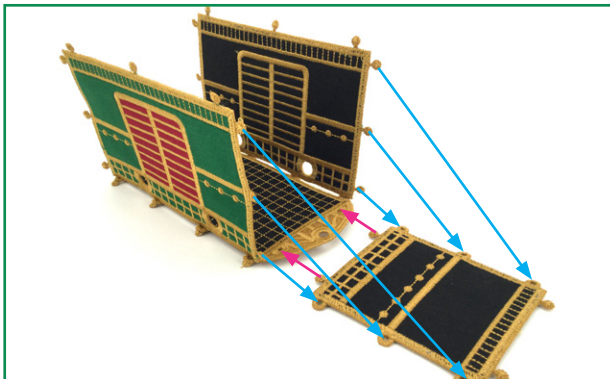
STEP 1

- To assemble the box car, start with the base face up and the walls face down with the doors facing inward. Then button the buttonettes to their corresponding eyelets as shown.



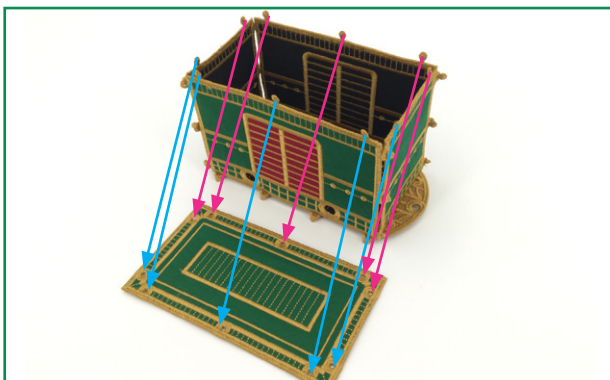
STEP 2

- Next take one of the end walls and button the 8 buttonettes as shown. Rotate and repeat for the other side.



STEP 3

- To attach the roof, pull the 10 buttonettes from the car through the top of the roof as shown.



BOX CAR

STEP 4

- The wheels are attached to a 5/16" dowel cut to 3 1/2" length and spray painted black. Slide one wheel onto one end of the dowel and then the cap (wheels and caps will be snug on the dowel).



STEP 5

- Take the dowel and feed it through one of the large holes and out its corresponding hole on the other side. Cap the other end with a wheel first and then a cap.

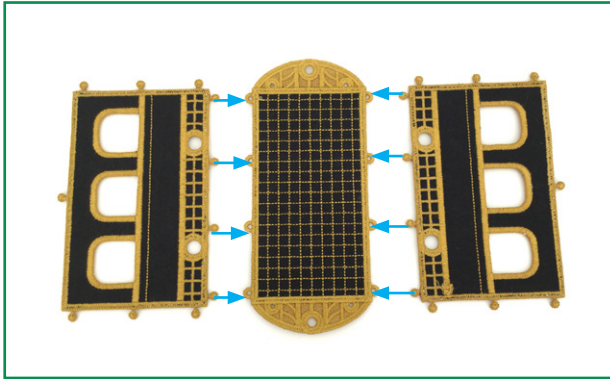


PASSENGER CAR



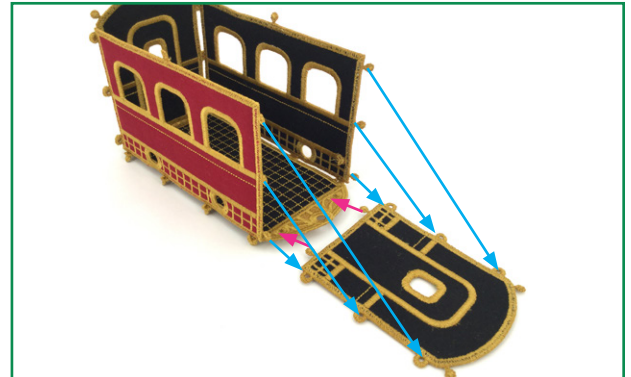
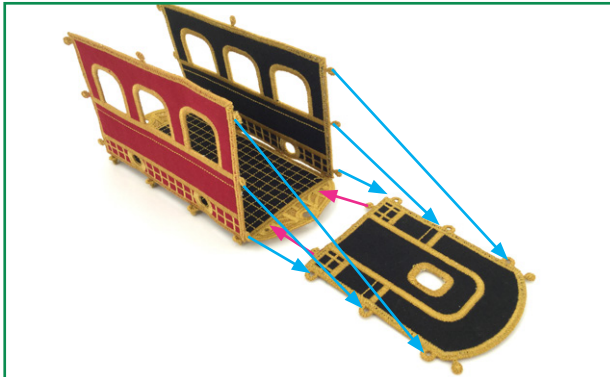
STEP 1

- To assemble the passenger car, start with the base face up and the side walls face down with the windows on the outside and button as shown.



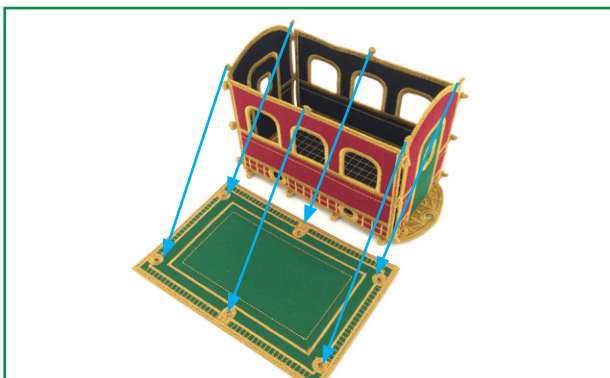
STEP 2

- Next take one of the end walls and button the 8 buttonettes as shown. Rotate the car and repeat for the other side.



STEP 3

- To attach the roof, pull the 6 buttonettes from the car through the top of the roof as shown.



PASSENGER CAR



STEP 4

- The wheels are attached to a 5/16" dowel cut to 3 1/2" length and spray painted black. Slide one wheel onto one end of the dowel and then the cap (wheels and caps will be snug on the dowel).



STEP 5

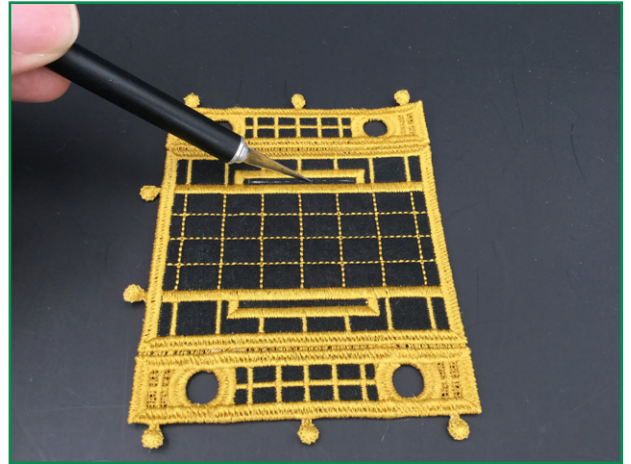
- Take the dowel and feed it through one of the large holes and out its corresponding hole on the other side. Cap the other end with a wheel first and then a cap.



CABOOSE

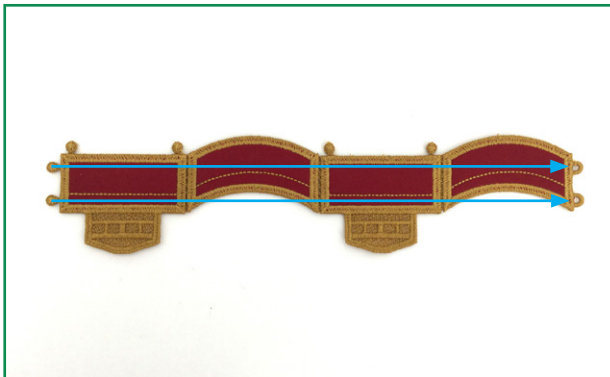
STEP 1

- **Note:** Before assembly, remember to take a utility knife and cut through all the layers of the tab entry. Take care not to cut the satin stitching.



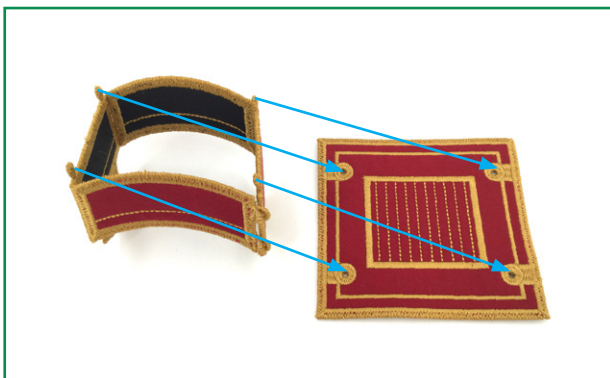
STEP 2

- To assemble the caboose, start with the cupola walls and fold. Then button the 2 buttonettes to their corresponding eyelets.



STEP 3

- Next take the cupola roof and attach it to the cupola walls as shown.

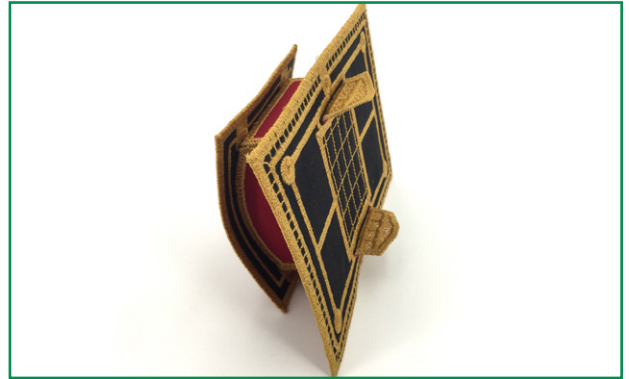
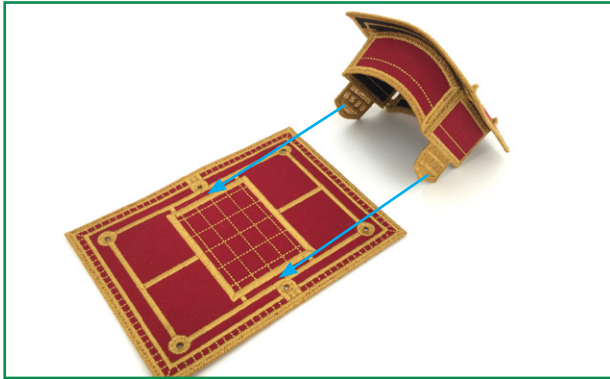


CABOOSE



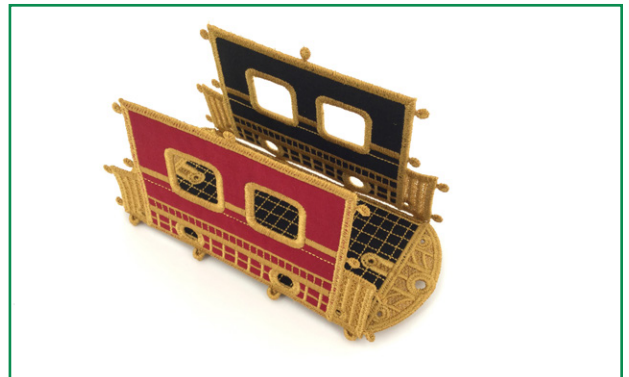
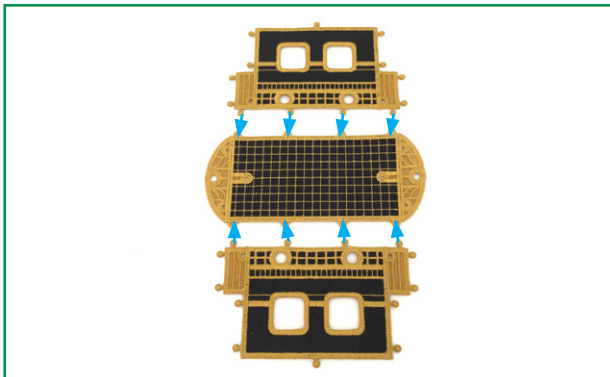
STEP 4

- Next take the cupola assembly and pull the 2 tabs through the tab entry points on the caboose roof.



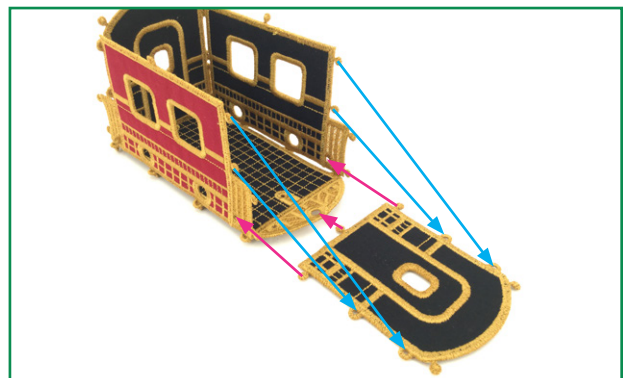
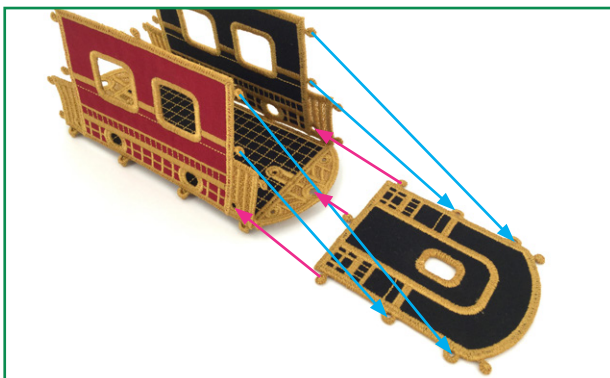
STEP 5

- With the base face up and the side walls face down button the 8 buttonettes as shown.



STEP 6

- Next take one end wall and button the 7 buttonettes. Rotate and repeat for the other end wall.

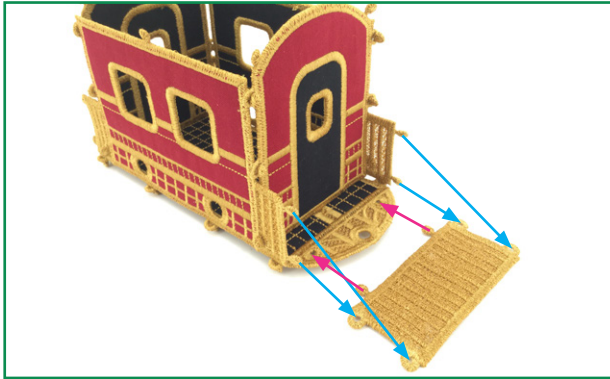


CABOOSE



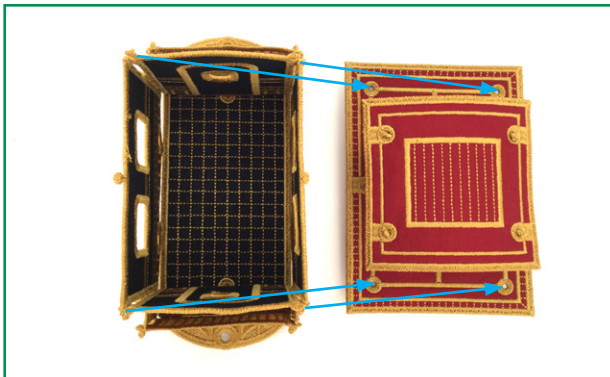
STEP 7

- Attach the railing by buttoning the 6 buttonettes to the side walls and base as shown. Rotate and repeat for the other rail.



STEP 8

- Attach the roof assembly to the caboose by pulling the 6 buttonettes from the caboose through the caboose roof as shown.



STEP 9

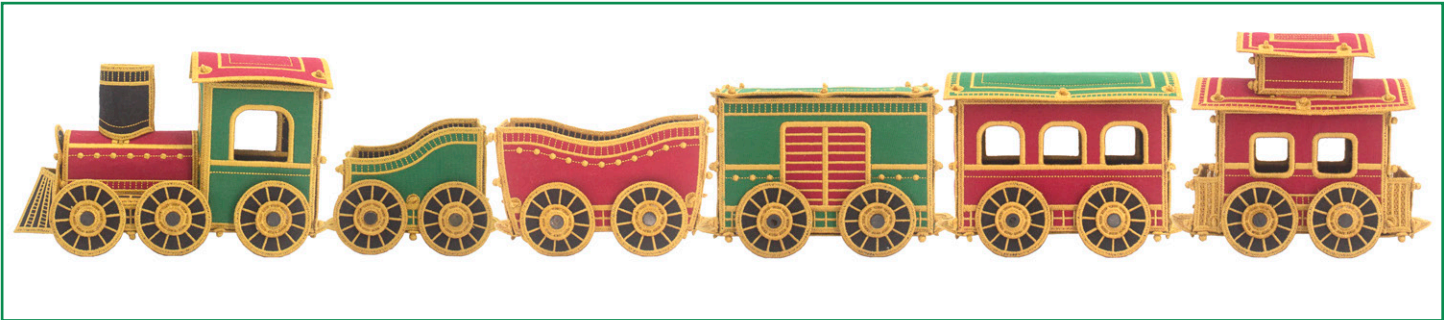
- The wheels are attached to a 5/16" dowel cut to 3 1/2" length and spray painted black. Slide one wheel onto one end of the dowel and then the cap (wheels and caps will be snug on the dowel).



CABOOSE

STEP 10

- Take the dowel and feed it through one of the large holes and out its corresponding hole on the other side. Cap the other end with a wheel first and then a cap.



General Freestanding Lace Guidelines

Supplies:

Embroidery Thread:

- Use the same embroidery thread in the bobbin as the needle.

Needles:

- Use an Organ 80/12 Titanium needle for extended needle life.

Stabilizer:

- Use OESD AquaMesh stabilizer.

Handy Hints:

For Stiffer Lace:

- DO NOT rinse away all of the stabilizer for a “stiffer” lace. Note that the thread may appear a shade darker if stabilizer is not removed completely.
- If you happen to wash too much out, easily re-stiffen by diluting some stabilizer scraps in water and dipping the item in the solution.

For Very Soft Lace:

- Cut away excess stabilizer. Remove remaining stabilizer by rinsing under warm running water until all traces of the stabilizer are gone. **NOTE:** If lace should become too limp to work with, dissolve stabilizer scraps in warm water and apply to the lace.

Drying Lace:

- The lace looks best when left to dry completely. Lay lace piece with right side down to dry. This will minimize the tendency for the lace to curl. Be sure to flatten the piece out entirely and allow ample time to dry.

General Instructions

1. Hoop two layers of OESD AquaMesh Stabilizer.
2. Attach the hoop to the machine and select the design of your choice.
3. Stitch the design.
4. Remove the hoop from the machine and the design from the hoop. Trim excess stabilizer from the design.
5. Rinse away remaining stabilizer and allow it to dry.

Handy Hints:

For 3D Lace Projects:

- If item becomes too limp to work with, iron the lace pieces on the wrong side while applying spray starch. After ironing, spray again with starch and allow to dry completely. This will stiffen the lace pieces nicely and aid in construction.
- A pair of tweezers, hemostats, stiletto or a tiny crochet hook can be extremely helpful when inserting the buttonettes into the eyelets. (Please see **Diagram 1** for explanation of “buttonette” and “eyelet”.)
- Insert the tip of the alligator clamps, tweezers, hemostats or crochet hook into the eyelet, grasp the buttonette and pull through the eyelet. Or a stiletto could be used to push the buttonette through the eyelet.

Diagram 1

