



Farm Tractor and Jolly Animals

Finished Toy Dimension
6-15/16" T x 4-3/4" W x 16-1/4" L



FULL-SIZE WOOD TOY PLAN SET

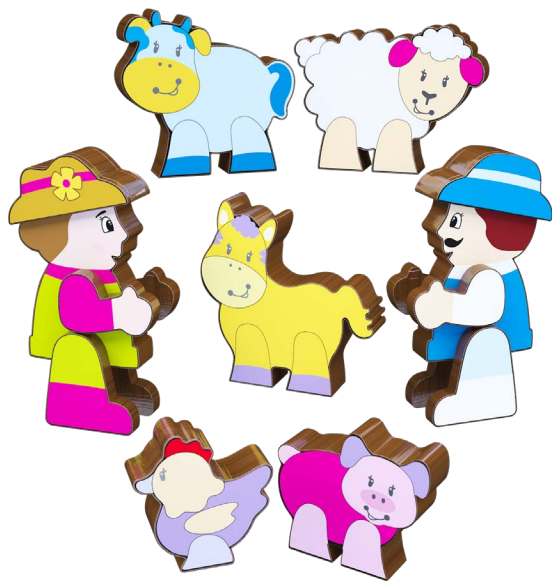
It's all quick and easy to make with no fancy joints or cuts. Build it using common tools and with easy to find materials and supplies.

READ BEFORE PRINTING!

To conserve printing ink we recommend that you print only the black and white precision line pattern drawings pages in the plan set.

For more tips and frequently asked questions about our PDF files visit our website at www.toymakingplans.com and click the "PDF Questions" link at the top of our website.

How to attach color prints to toys using Mod Podge or thinned Carpenter's White Glue.



The complete set of exciting Image Art for this play set are included on pages 41-44.

Mod Podge is a legendary decoupage medium which means it's an all-in-one glue, sealer and finish used to attach paper and fabric to wood and various other surfaces. It is available at almost any crafts store and on numerous websites. Mod Podge is our No Painting Required secret to quickly crafting high-quality wood toys using our original Image Art included in every plan set.

Can Elmer's or Carpenter's White Glue be substituted for Mod Podge Mat?

Yes, and with successful results. Mod Podge and any Carpenter's White Glue can be used for decoupage projects as a glue and a sealer. It is also a durable non-toxic product that is safe for toys. Both products create a long lasting and strong bond with the wood. When using Elmer's or any Carpenter's White Glue for decoupage,

thoroughly mix two parts white glue with one part water before applying the glue.

Is Mod Podge Mat waterproof and safe for children's toys?

Uncoated Mod Podge-Outdoors is a very water-resistant lab-tested product but it is not completely waterproof. Fabric Mod Podge can also be used to glue paper to wood and is completely waterproof, machine washable and quick drying.

Mod Podge is a combination of non-toxic water-base medium and acrylic and is safe for use on children's toys. Another way to make your project waterproof is to apply 2 or 3 coats of polyurethane clear finish over a completely dry Mod Podge or Carpenter's White Glue surface.

Mod Podge, Fabric Mod Podge and Mod Podge-Outdoors can be safely cleaned with a damp cloth. Mod Podge products are not food-safe formulas and should be avoided when making toys for teething children.

How do I create toys with such beautiful artwork and colors?

All you need is common Mod Podge and color inkjet or laser computer printouts.

How do I work with Inkjet versus Laserjet prints? First, remember this, Laserjet prints do not bleed when finishes are applied. Inkjet prints can bleed under certain conditions but that is easily solved and explained a little later in this article.

What paper should I use?

Use common uncoated printer paper. Coated paper can cause issues with the Mod Podge. Test all coated papers before applying them to a finished toy.

We prefer uncoated 24 lb. bright white laser paper. It costs only pennies more.

How to make successful Inkjet color prints that don't bleed.

Print the image onto the paper. Let it dry for ten minutes. Seal the ink by spraying both sides of paper with 3 light coats of a clear sealer like Krylon Crystal Clear. Let dry before proceeding. Brush on a thin coat of Mod Podge to both sides of the printed/sealed paper. Let dry. The printed paper is now ready to adhere to the wood using Mod Podge.

How to make successful Laserjet color prints. Laser prints require no sealer.

Laserjet prints require no preparation. Laserjet prints can be Mod Poded to the wood toys as soon as the prints are out of the printer.

How do I permanently apply the color prints to the wood toy parts?

First apply an even coat of Mod Podge to the back of the color print and also to the surface of the wood toy part. The coverage should allow you to visibly see an even spread of white Mod Podge that completely covers the surface. If the Mod Podge is clear in any area, that area has dried.

The wood surface and the color print back surface **must be wet** when you apply the color print. Apply Mod Podge to both the wood and paper surfaces. Each must be an even semi-transparent white color.

If there are clear spots on a surface it means that the Mod Podge has dried out and that the surface needs more Mod Podge. Dry clear spots will wrinkle when the print is applied.

Apply one to three seal coats of Mod Podge to the print and the wood surfaces. When the seal coat is dry apply one to three finish coats of water resistant polyurethane clear gloss. Let dry.

As soon as the toys are dry the toys are ready for active play.

Warning: Read before copying.



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Make as many of each toy as you like! The wood toys in this plan set are royalty-free. You have the right to build any quantity of these toys for any reason.

ToymakingPlans.com is dedicated to providing you with the information and ideas you need to develop your skills as a toymaker. We welcome your comments and any suggestions about this collection of toy plans.

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Note to the Readers: Due to different conditions, tools, and individual skills, ToymakingPlans.com assumes no responsibility for any damages, injuries suffered, or losses incurred as a result of following the information published in this plan set. Before beginning any project review instructions carefully. If any doubts or questions remain consult local experts or authorities.

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Farm Tractor Trailer and Jolly Animals



FULL-SIZE WOOD TO PLAN SET

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**Farm Tractor Trailer
and Jolly Animals**



IMPORTANT NOTE: Art images are applied using Mod Podge. After final assembly polyurethane clear coats are applied then LIGHTLY sanded when dry with 400 grit sandpaper. Then a finish coat is applied that is not sanded. Care must be taken to not sand through the clear coats to the paper image. For detailed instructions on how to use Mod Podge see Page 2.

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**Farm Tractor Trailer
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**SHOWN 80%
ACTUAL SIZE**

FARM TRACTOR

This clear-coated wood toy can be built with danish plywood, hardwoods, softwoods or MDF. The finish is spray can Krylon or Rust-Oleum clear gloss. Spray 2 thin coats sanding each coat with 220 sandpaper when dry. Then spray 3 light final coats of clear, sanding with 400 sandpaper when dry. Apply final coat without sanding. All Krylon and Rust-Oleum paints and finishes are non-toxic when dry.



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FARM TRAILER

SHOWN 80% ACTUAL SIZE

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FARM TRAILER

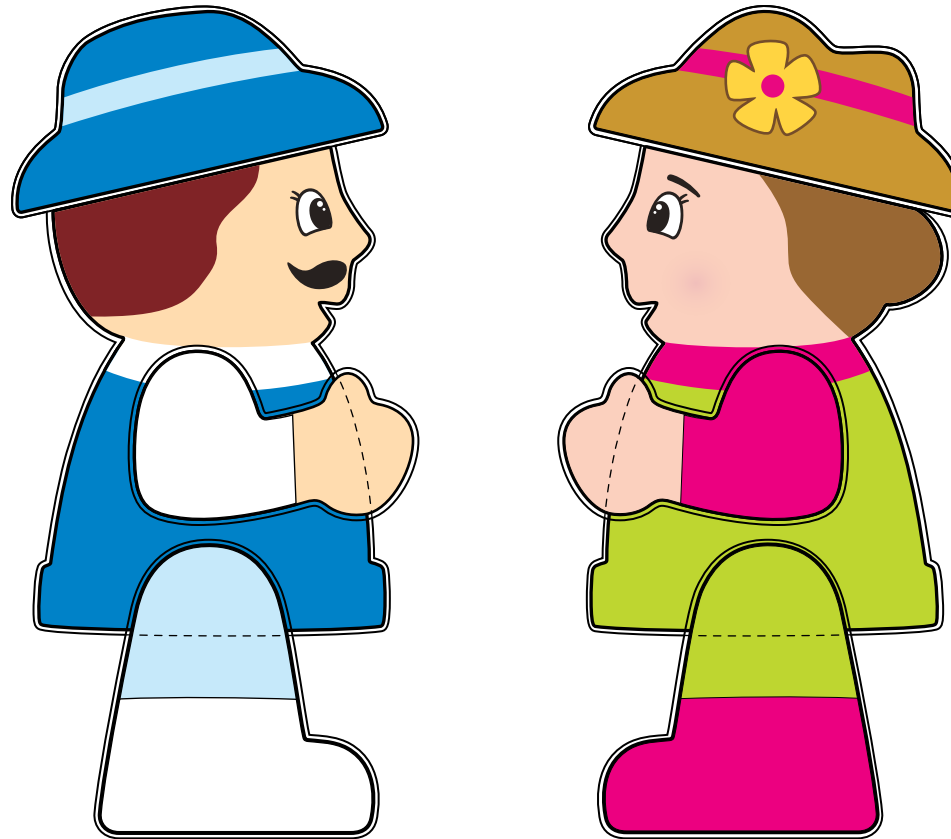
SHOWN 80% ACTUAL SIZE

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**SHOWN
ACTUAL SIZE**

FARMER CHARACTER



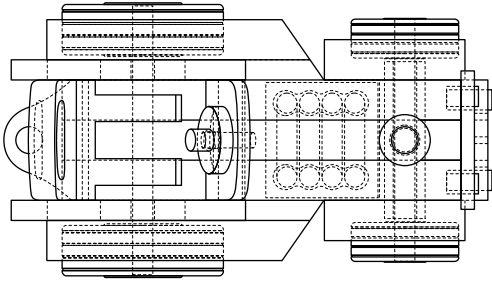
Use this page for gluing guide in Arms & Legs.
See page 24 for gluing label instruction

IMPORTANT NOTE: Art images are applied using Mod Podge. After final assembly polyurethane clear coats are applied then LIGHTLY sanded when dry with 400 grit sandpaper. Then a finish coat is applied that is not sanded. Care must be taken to not sand through the clear coats to the paper image.

For detailed instructions on how to use Mod Podge see Page 2.

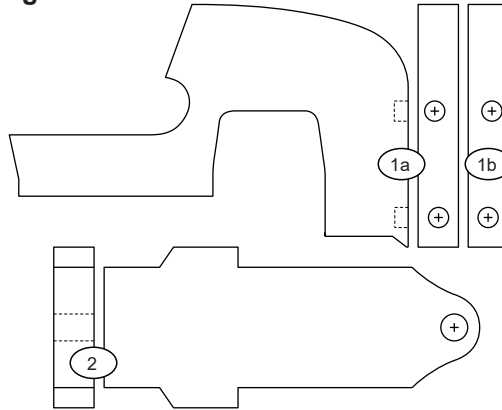
Parts Index

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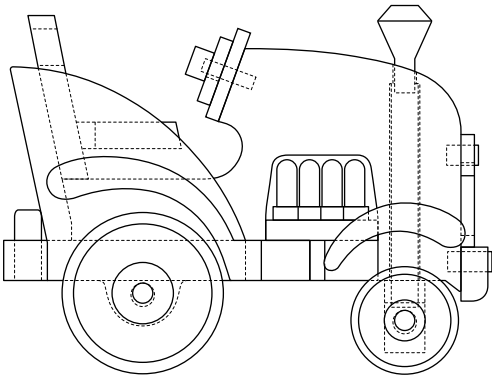


FARM TRACTOR TOP PLAN VIEW

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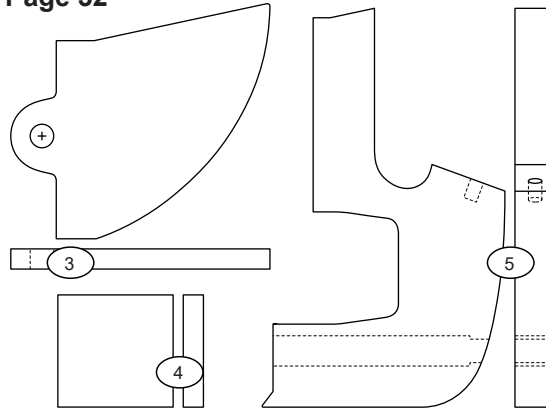


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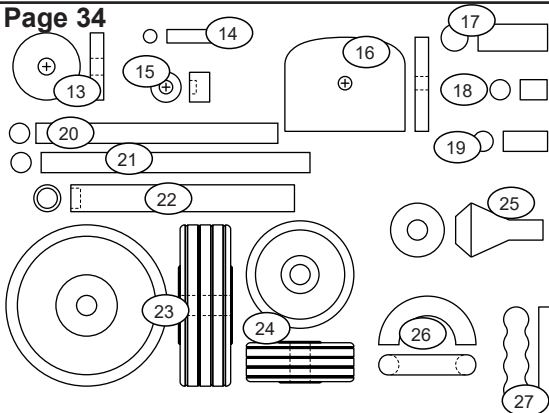


FARM TRACTOR SIDE PLAN VIEW

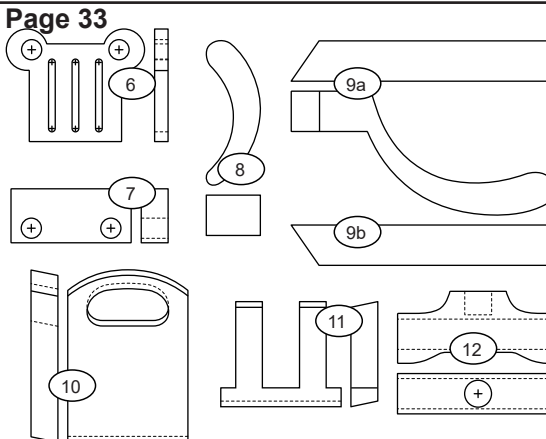
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Page 33



Farm Tractor Parts List

- | | | |
|-----|---------------------------|--------------|
| 1a. | 3/4" x 4-9/16" x 7-7/16" | make 1-Left |
| 1b. | 3/4" x 4-9/16" x 7-7/16" | make 1-Right |
| 2. | 3/4" x 3" x 7" | make 1 |
| 3. | 3/8" x 4-3/8" x 4-7/8" | make 2 |
| 4. | 3/8" x 2-1/16" x 2-1/8" | make 1 |
| 5. | 3/4" x 4-9/16" x 7-7/16" | make 1 |
| 6. | 1/4" x 2-1/8" x 2-5/8" | make 1 |
| 7. | 1/2" x 1" x 2-1/4" | make 1 |
| 8. | 3/4" x 1" x 2-3/4" | make 2 |
| 9a. | 3/4" x 2-5/16" x 4-15/16" | make 1-Left |
| 9b. | 3/4" x 2-5/16" x 4-15/16" | make 1-Right |
| 10. | 1/2" x 2-1/4" x 3-1/4" | make 1 |
| 11. | 1/2" x 2" x 2-1/4" | make 1 |
| 12. | 3/4" x 1-3/8" x 3" | make 1 |
| 13. | 1-1/4" Dia x 1/4" | make 1 |
| 14. | 1/4" Dia x 1" | make 1 |
| 15. | 9/16" Dia x 3/8" | make 1 |
| 16. | 1/4" x 1-3/4" x 2-1/4" | make 1 |
| 17. | 1/2" Dia x 1-1/4" | make 1 |
| 18. | 3/8" Dia x 1/2" | make 2 |
| 19. | 3/8" Dia x 13/16" | make 2 |
| 20. | 3/8" Dia x 4-1/2" | make 1 |
| 21. | 3/8" Dia x 5" | make 1 |
| 22. | 1/2" Dia x 4-3/16" | make 1 |
| 23. | 3" x 1" x 3/8" Hole | buy 2 |
| 24. | 2" x 3/4" x 3/8" Hole | buy 2 |
| 25. | 1-5/8" x 1" x 3/8" | buy 1 |
| 26. | 1-3/4" x 1" x 3/8" | buy 2 |
| 27. | 1/4" x 1/2" x 1-13/16" | make 1 |

Part 23 - Treaded Wood Toy Wheels

www.craftparts.com

Part # TWT300 Buy 2

3" x 1" x 3/8" Hole

Part 24 - Treaded Wood Toy Wheels

www.craftparts.com

Part # TWT200 Buy 2

2" x 3/4" x 3/8" Hole

Part 25 - Smokestacks

www.craftparts.com

Part # SS4040 Buy 1

1-5/8" x 1" wide x 3/8" Tenon

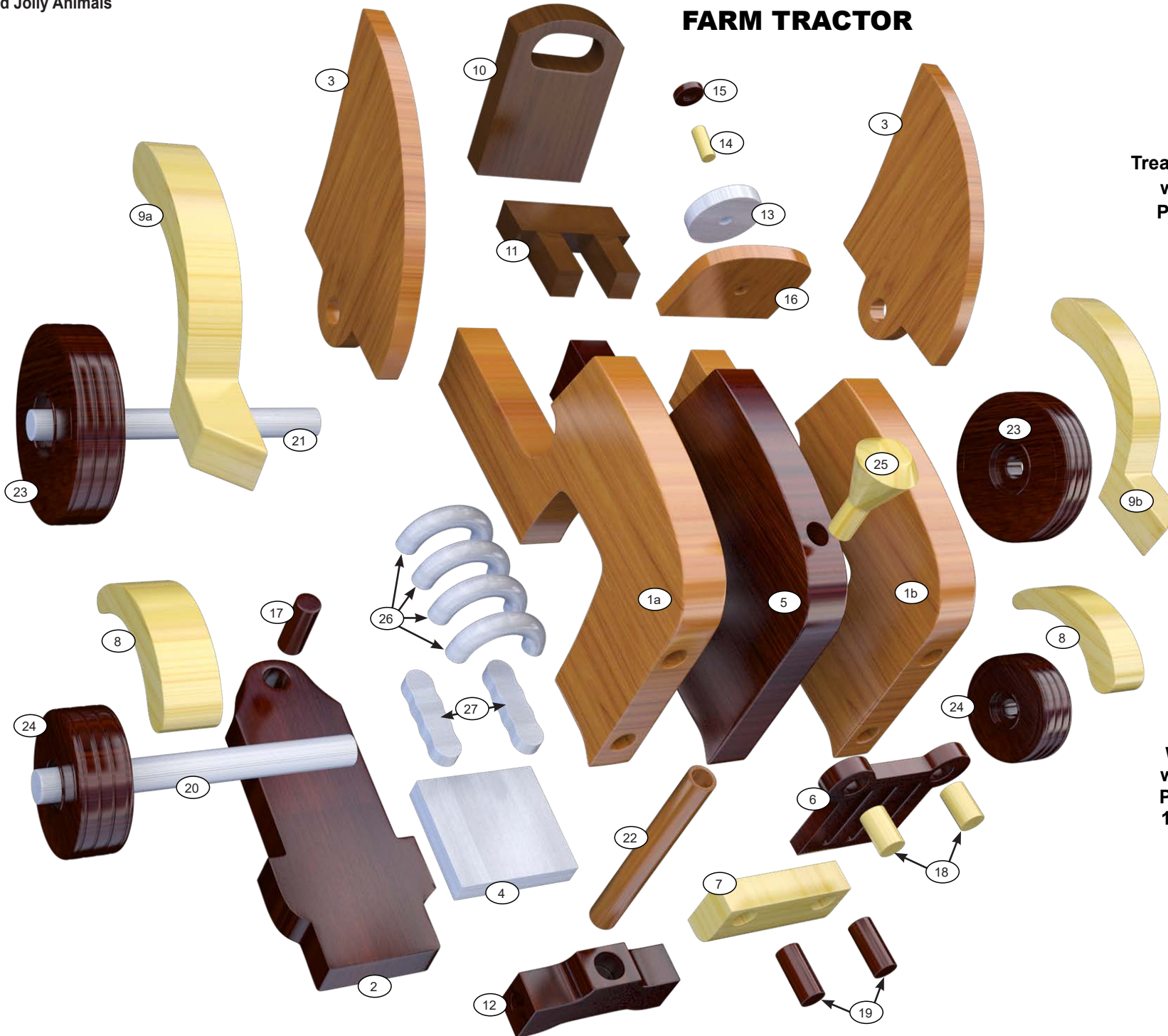
Part 26 - Wooden Toss Ring

www.craftparts.com

Part # TR0500 Buy 2

1-3/4" Outside Dia x 1" Inside Dia x 3/8" Thick
(Divide into 2)

FARM TRACTOR



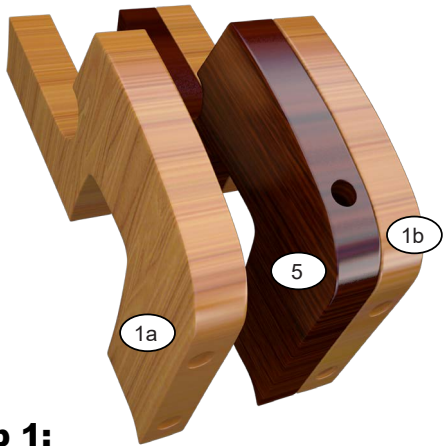
Part 23
Treaded Wood Toy Wheels
www.craftparts.com
Part # TWT300 Buy 2
3" x 1" x 3/8" Hole

Part 24
Treaded Wood Toy Wheels
www.craftparts.com
Part # TWT200 Buy 2
2" x 3/4" x 3/8" Hole

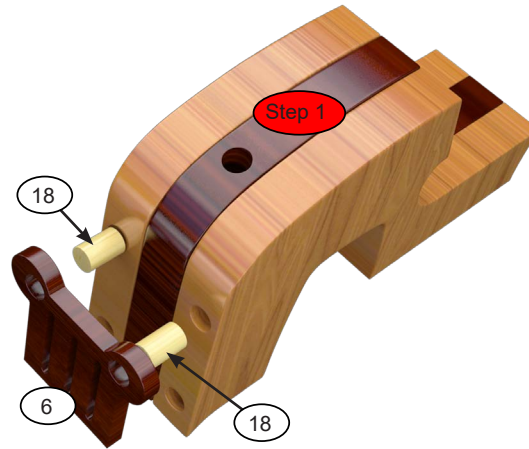
Part 25
Smokestacks
www.craftparts.com
Part # SS4040 Buy 1
1-5/8" x 1" wide x 3/8"
Tenon

Part 26
Wooden Toss Ring
www.craftparts.com
Part # TR0500 Buy 2
1-3/4" Outside Dia x
1" Inside Dia
x 3/8" Thick
(Divide into 2)

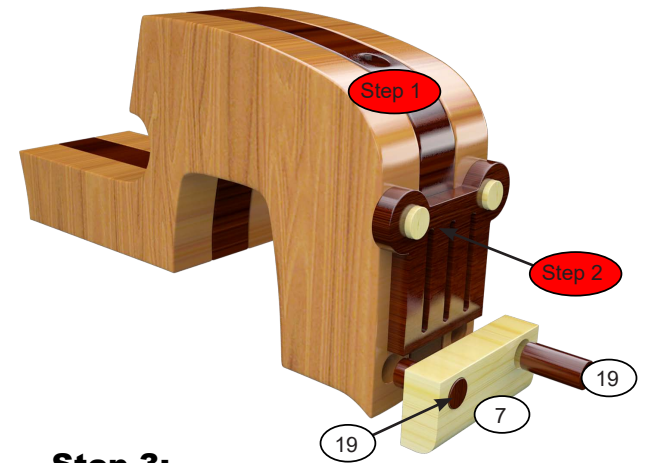
FARM TRACTOR



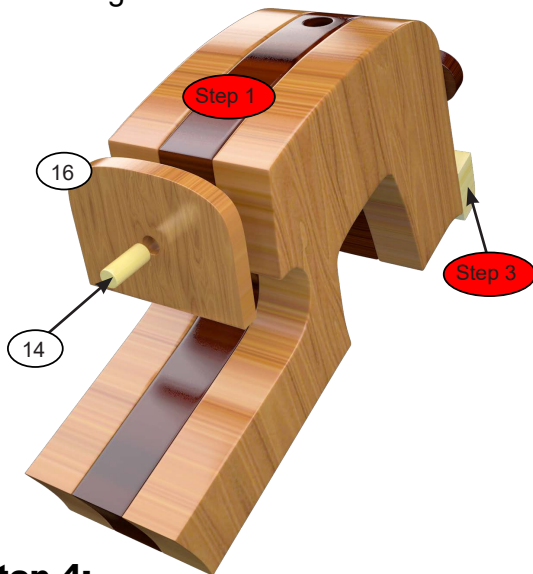
Step 1:
Using the Plan Views on page 29-30 as a guide, Glue and clamp Part 1a and Part 1b to Part 5 together. Let assembly dry before proceeding.



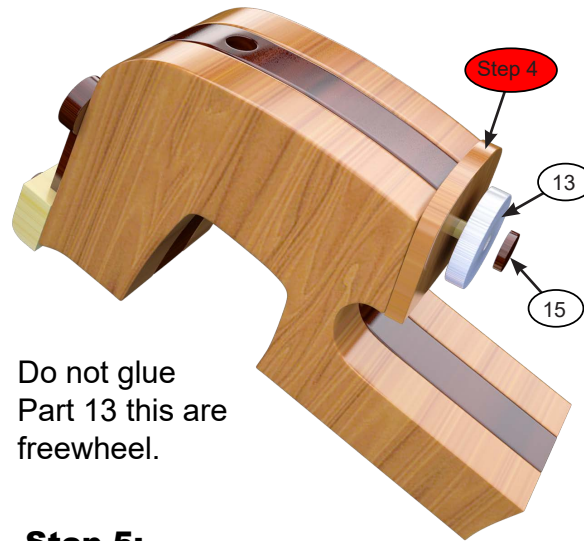
Step 2:
Using the Plan Views on page 29-30 as a guide, Glue two Part 18 axles to Step 1 Assembly then glue Part 6 to Step 1 Assembly. Let assembly dry before proceeding.



Step 3:
Using the Plan Views on page 29-30 as a guide, Glue two Part 19 axles to Step 1 Assembly then glue Part 7 to Step 1 Assembly. Let assembly dry before proceeding.

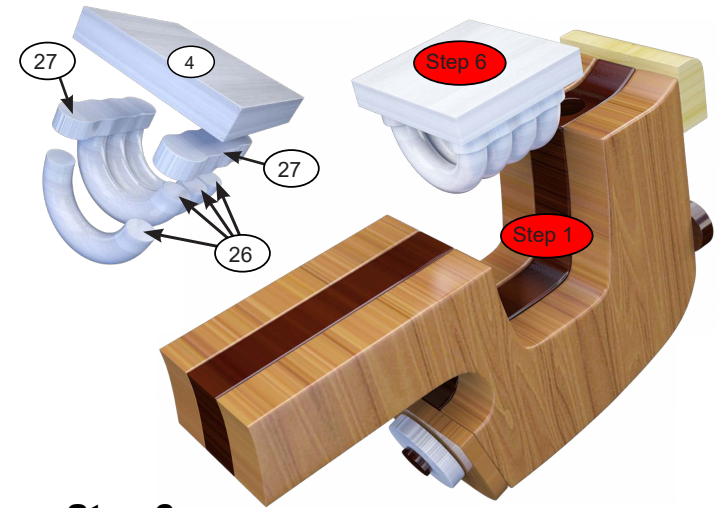


Step 4:
Using the Plan Views on page 29-30 as a guide, Glue Part 16 to Step 1 Assembly and Insert and glue Part 14 Step 1 Assembly. Let assembly dry before proceeding.



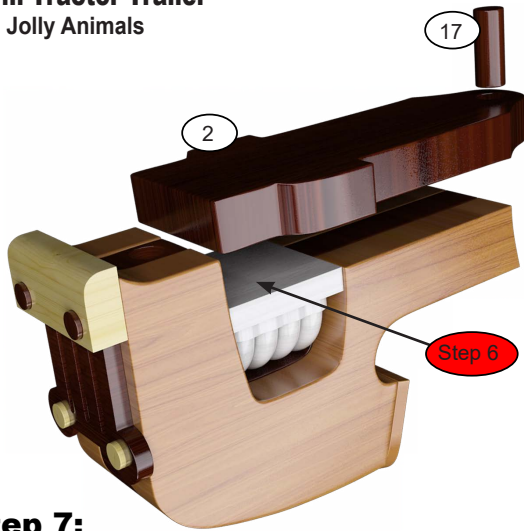
Do not glue Part 13 this are freewheel.

Step 5:
Using the Plan Views on page 29-30 as a guide, Insert Part 13 (**Do not glue**) that allow to rotate freely then glue Part 15 to Step 4 Assembly. Let assembly dry before proceeding.

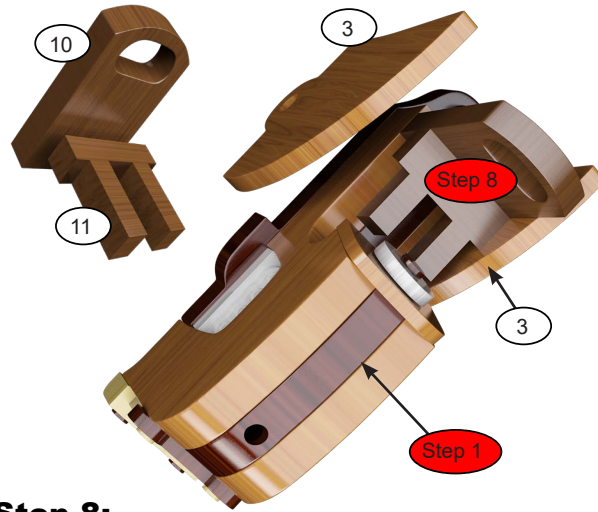


Step 6:
Using the Plan Views on page 29-30 as a guide, Glue four Part 26 toss ring to two Part 27 and let dry. Then glue assemble Part 26 and Part 27 to Part 4 and let dry. Place and glue Step 6 assemble to Step 1 assemble. Let assembly dry before proceeding.

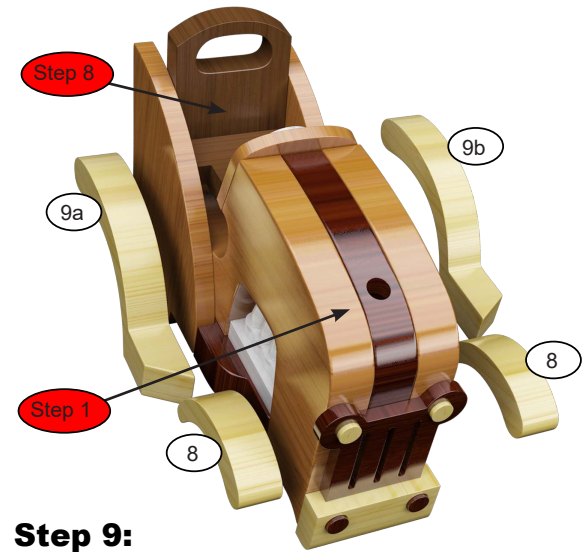
**Farm Tractor Trailer
and Jolly Animals**



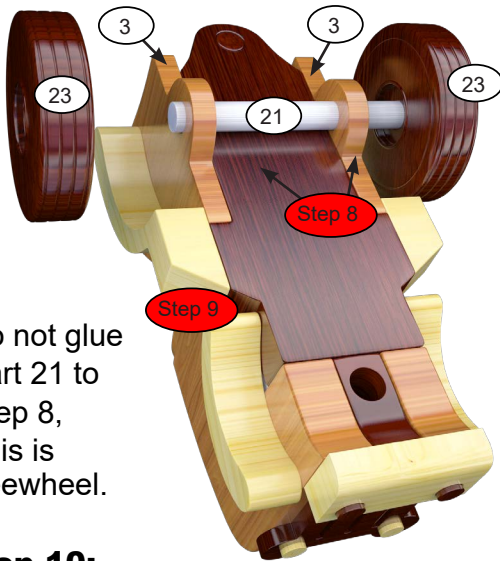
Step 7:
Using the Plan Views on page 29-30 as a guide, Glue Part 17 and Part 2 then glue and clamp to assemble Step 6. Let assembly dry before proceeding.



Step 8:
Using the Plan Views on page 29-30 as a guide, Glue Part 10 to Part 11 and Glue to Step 1 assembly. Glue two Part 3 to Step 1 and Step 8 Assembly. Let assembly dry before proceeding.

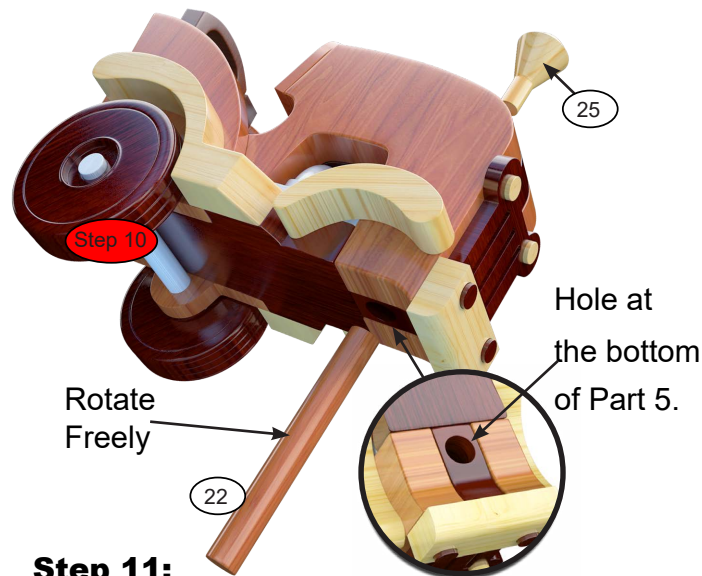


Step 9:
Using the Plan Views on page 29-30 as a guide, Glue Part 9a left and Part 9b right to Step 8 Assembly. Then glue two Part 8 to Step 1 Assembly. Let assembly dry before proceeding.

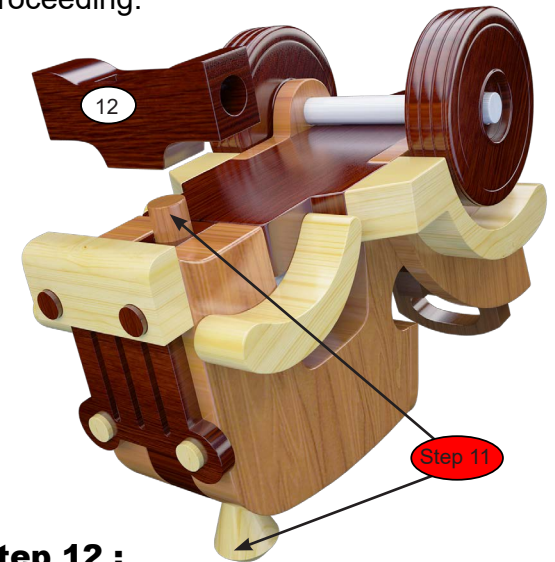


Do not glue Part 21 to Step 8, This is freewheel.

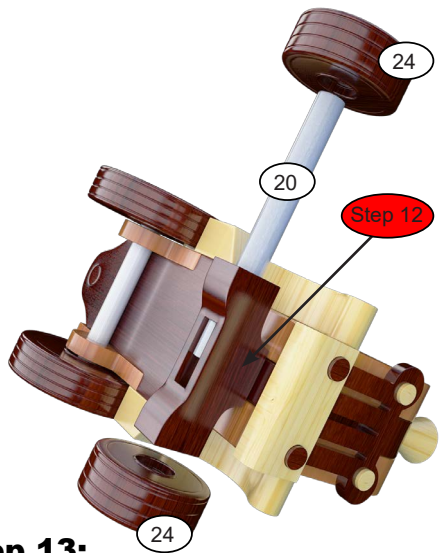
Step 10:
Using the Plan Views on page 29-30 as a guide, Insert Part 21 dowel to Part 3 and glue Part 23. Let assembly dry before proceeding.



Step 11:
Using the Plan Views on page 29-30 as a guide, Insert Part 22 dowel into the hole of Part 5. Glue Part 25 smokestack to Part 22 This part can rotate freely. Let assembly dry.



Step 12 :
Using the Plan Views on page 29-30 as a guide. Glue Part 12 to Step 11 Assembly. Let assembly dry.



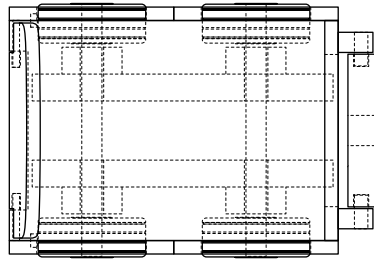
Step 13: Using the Plan Views on page 29-30 as a guide, Insert Part 20 dowel to Step 12 Assembly and glue both end of Part 24 to Part 20. Let assembly dry before proceeding.





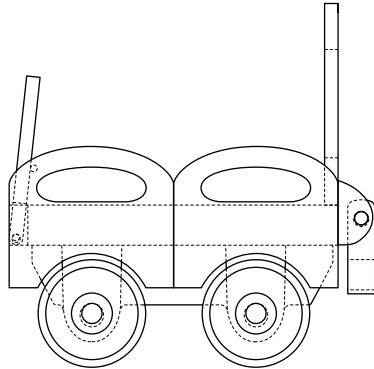
Parts Index

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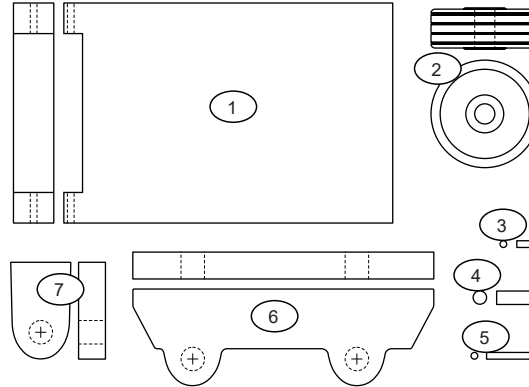
FARM TRAILER TOP PLAN VIEW

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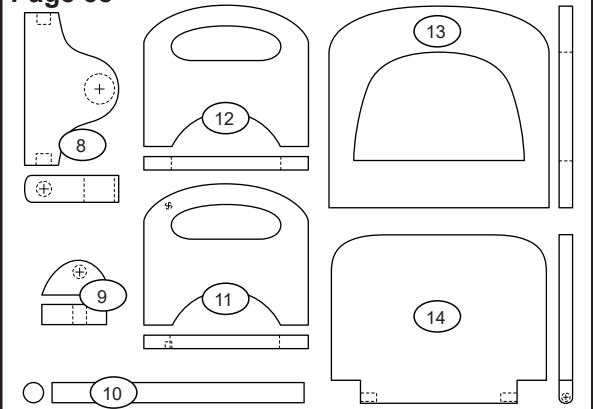


FARM TRAILER SIDE PLAN VIEW

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Patterns and Image Art are full-size.

We recommend first printing a single black line pattern page as a test print to insure your printer is set to print 100%. **Check your printer printed size accuracy** by measuring the printer scale on each pattern with a ruler. If printed size of pattern is not 100% adjust printer settings.

Farm Trailer Parts List

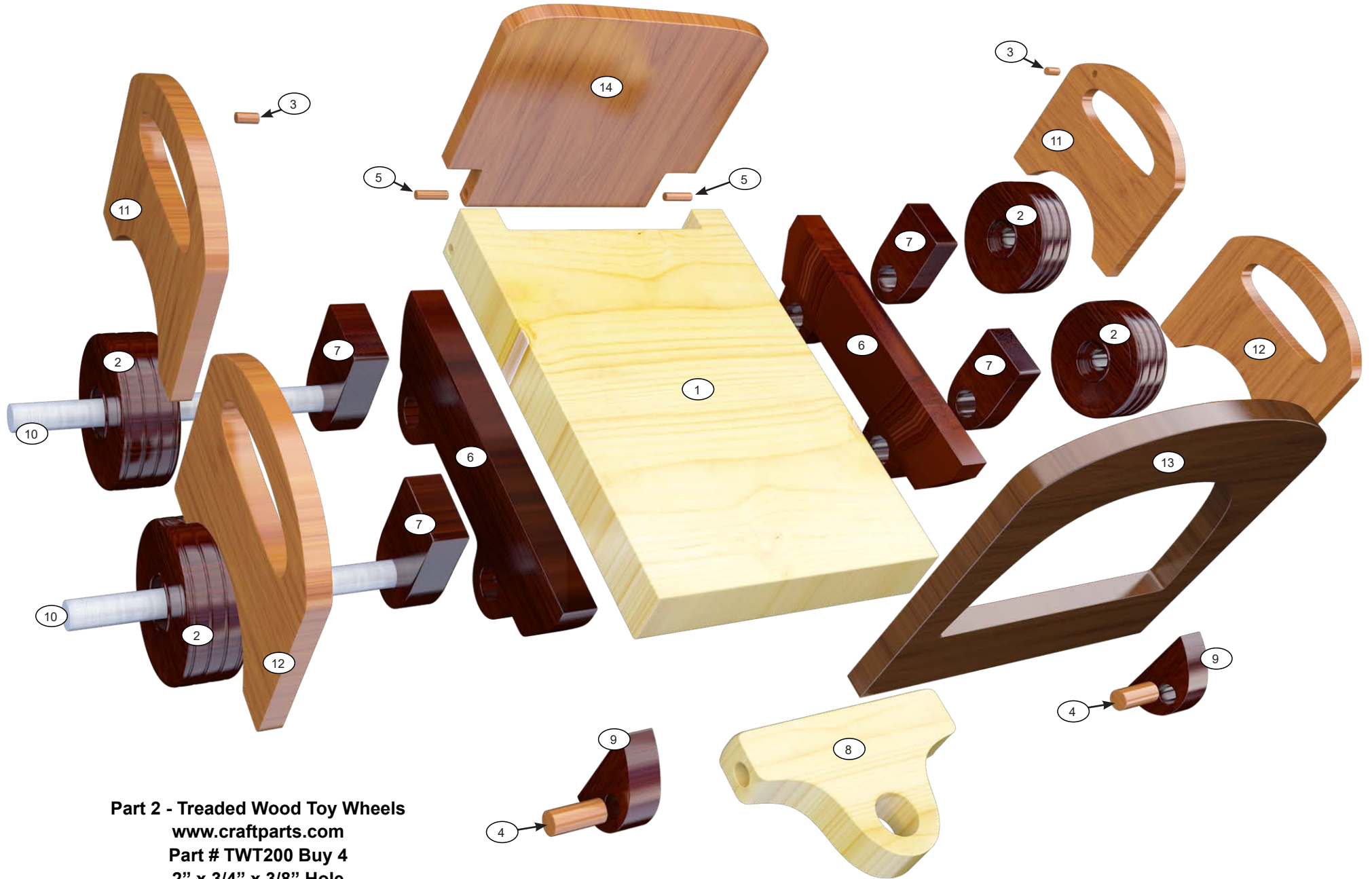
1.	3/4" x 4-1/8" x 6-1/8"	make 1
2.	2" x 3/4" x 3/8" Hole	buy 4
3.	1/8" Dia x 1/4"	make 2
4.	1/4" Dia x 5/8"	make 2
5.	1/8" Dia x 7/8"	make 2
6.	1/2" x 1-13/16" x 5-5/8"	make 2
7.	1/2" x 1-1/8" x 1-13/16"	make 4
8.	1/2" x 1-3/4" x 2-7/8"	make 1
9.	3/8" x 5/8" x 1-1/4"	make 2
10.	3/8" Dia x 4-11/16"	make 2
11.	1/4" x 2-5/8" x 3-1/16"	make 2
12.	1/4" x 2-5/8" x 3-1/16"	make 2
13.	1/4" x 3-3/4" x 4-1/16"	make 1
14.	1/4" x 3-1/8" x 4"	make 1

Part 2 - Treaded Wood Toy Wheels

www.craftparts.com
Part # TWT200 Buy 4
2" x 3/4" x 3/8" Hole

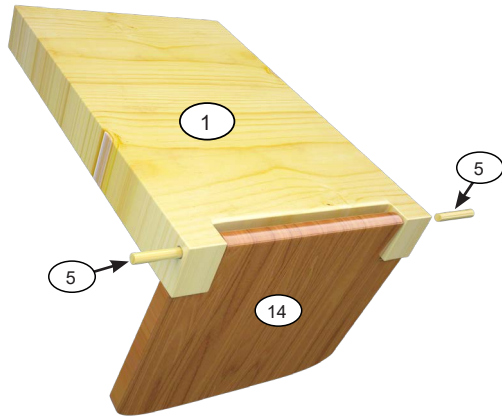


FARM TRAILER

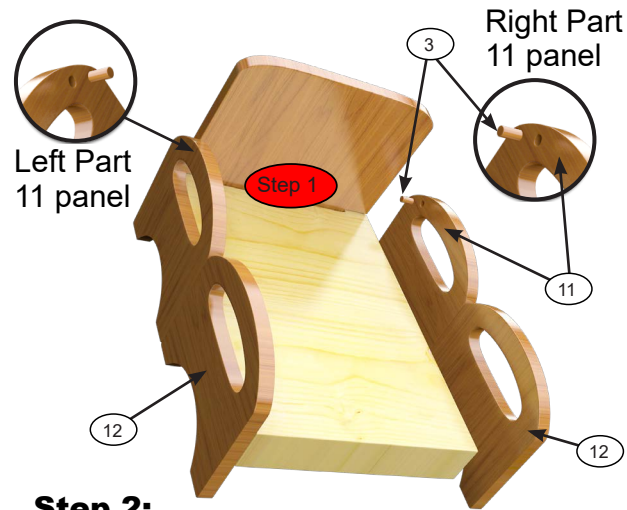


Part 2 - Treaded Wood Toy Wheels
www.craftparts.com
Part # TWT200 Buy 4
2" x 3/4" x 3/8" Hole

FARM TRAILER



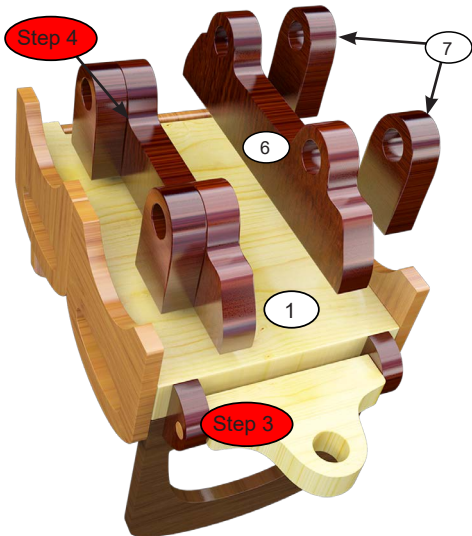
Step 1: Using the Plan Views on page 35-36 as a guide, Glue two Part 5 to Part 14. **Do not glue** Part 5 to Part 1. Let assembly dry before proceeding.



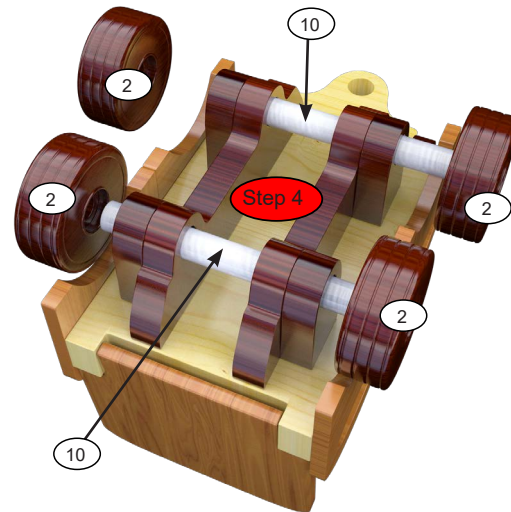
Step 2: Using the Plan Views on page 35-36 as a guide. Glue dowel Part 3 to Part 11 then glue to Step 1 Assembly, Then glue Part 12 to Step 1 Assembly. Let assembly dry.



Step 3: Using the Plan Views on page 35-36 as a guide Glue two Part 4 dowels to Part 9, do this in both side. Then glue Part 13 to Step 2 Assembly then glue Step 3 (Part 9 & 4) to Part 13. **Do not glue** Part 8 to Part 4. Let assembly dry.



Step 4: Using the Plan Views on page 35-36 as a guide, glue first two Part 7 to Part 6 and let dry. Then glue Step 4 Assembly to Part 1. Let assembly dry before proceeding.



Step 5: Using the Plan Views on page 35-36 as a guide, Insert two Part 10 into Step 4 Assembly. Glue four Part 2 wheels to two Part 10 axles in a position that allows wheels and axles to rotate freely. Let assembly dry.

Front View Assembled



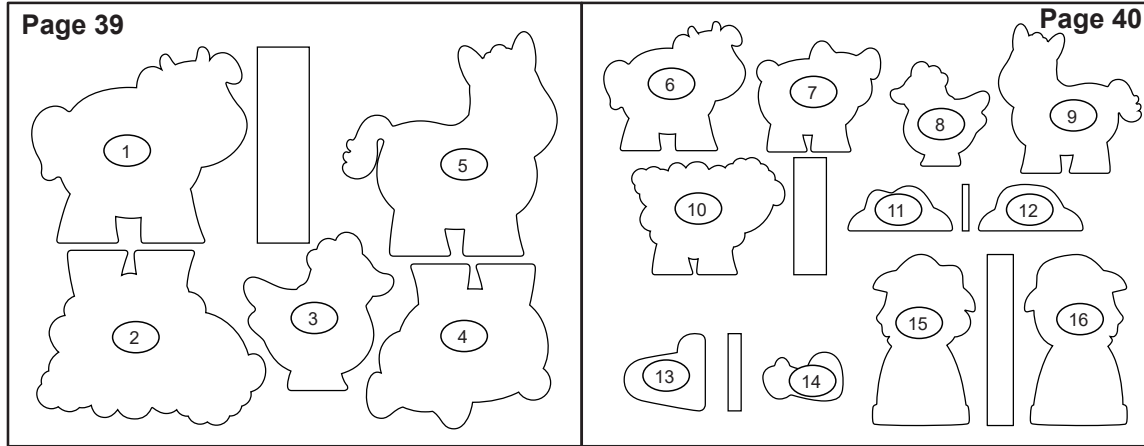
Pull down connector

Back View Assembled

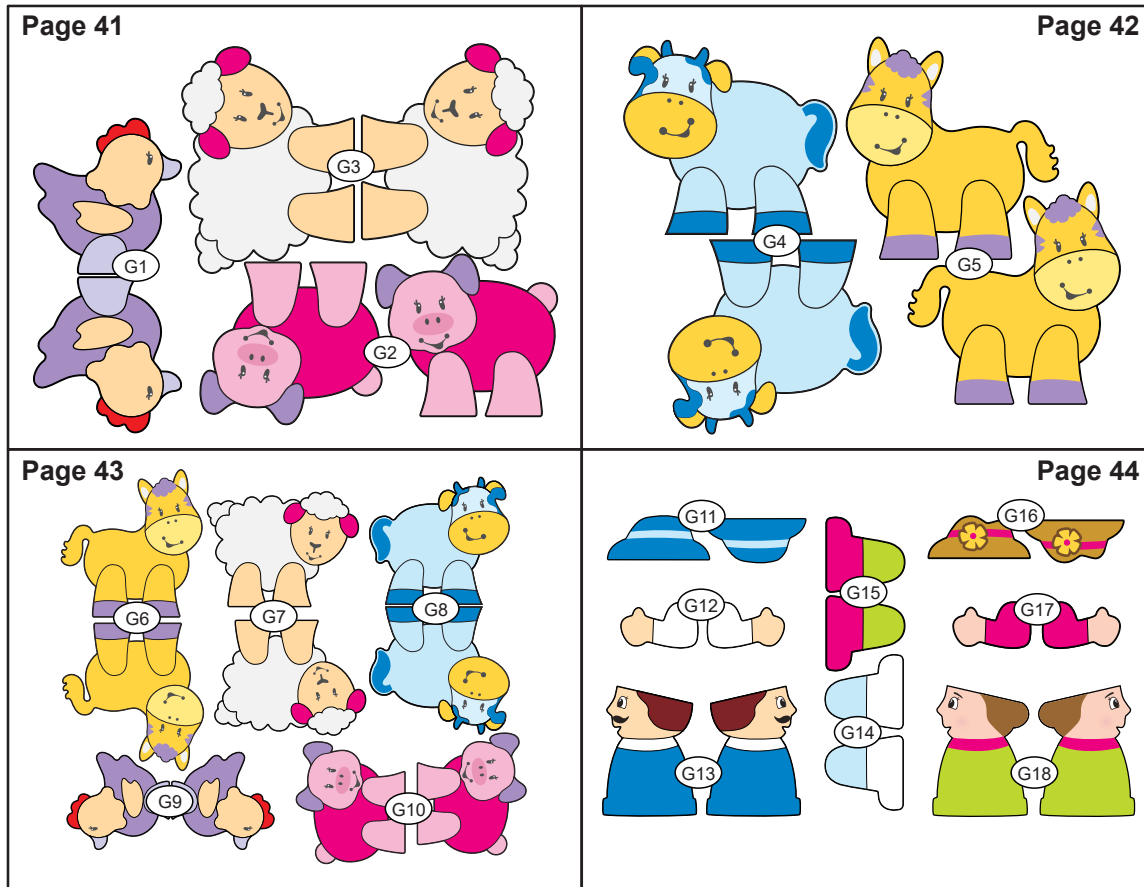


Pull down slide

Parts Index



Art Image Index



Farm Character Parts List

- | | | |
|-----|--------------------------|--------|
| 1. | 1/2" x 3-3/4" x 4-1/8" | make 1 |
| 2. | 1/2" x 3-3/8" x 4-3/8" | make 1 |
| 3. | 1/2" x 2-7/8" x 3-1/16" | make 1 |
| 4. | 1/2" x 3-3/16" x 3-9/16" | make 1 |
| 5. | 1" x 4-1/8" x 4-5/16" | make 1 |
| 6. | 5/8" x 2-1/2" x 2-3/4" | make 1 |
| 7. | 3/4" x 2-1/8" x 2-3/8" | make 1 |
| 8. | 5/8" x 2" x 2" | make 1 |
| 9. | 5/8" x 2-3/4" x 2-7/8" | make 1 |
| 10. | 3/4" x 2-1/4" x 3" | make 1 |
| 11. | 1/8" x 7/8" x 2" | make 1 |
| 12. | 1/8" x 7/8" x 2" | make 1 |
| 13. | 1/4" x 1-1/2" x 1-9/16" | make 4 |
| 14. | 1/4" x 1" x 1-5/8" | make 4 |
| 15. | 1/2" x 2" x 3-3/8" | make 1 |
| 16. | 1/2" x 2" x 3-1/4" | make 1 |

Patterns and Image Art are full-size.

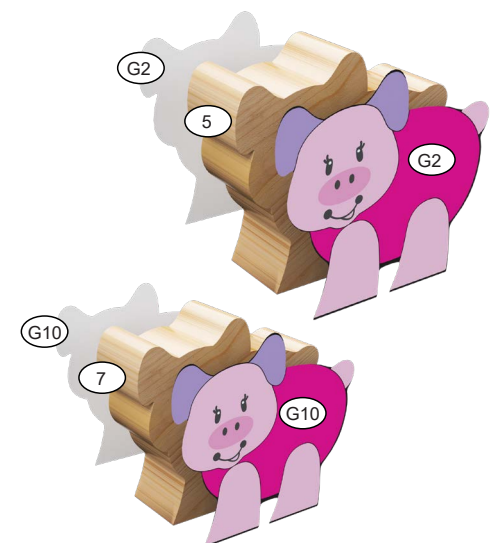
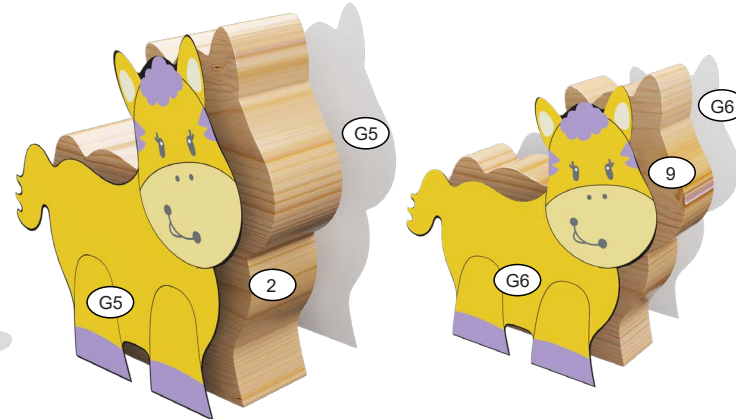
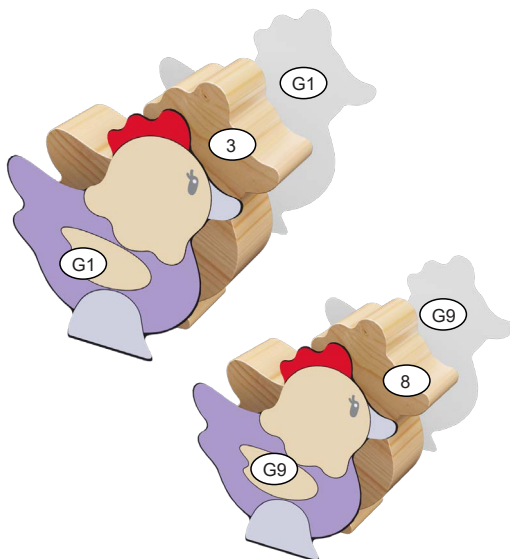
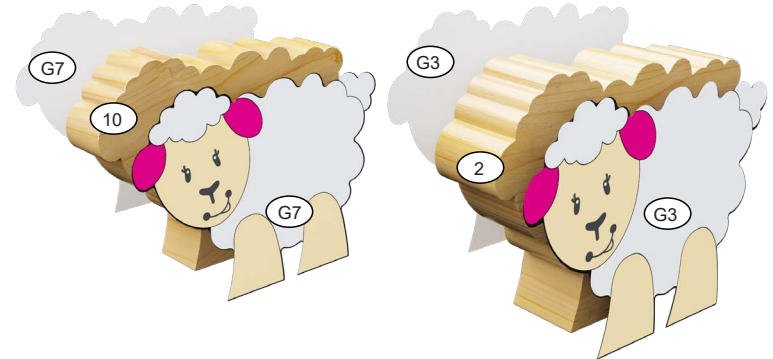
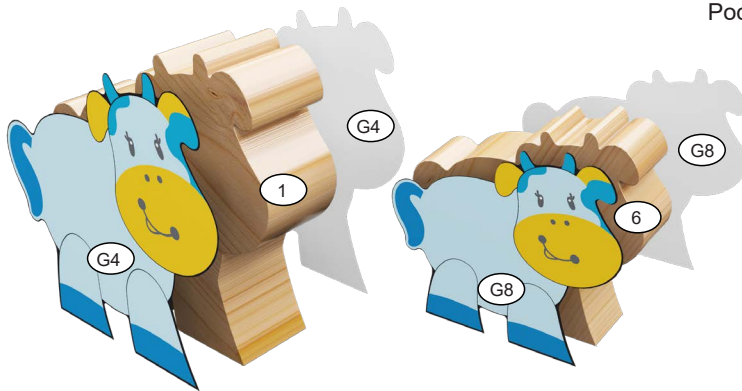
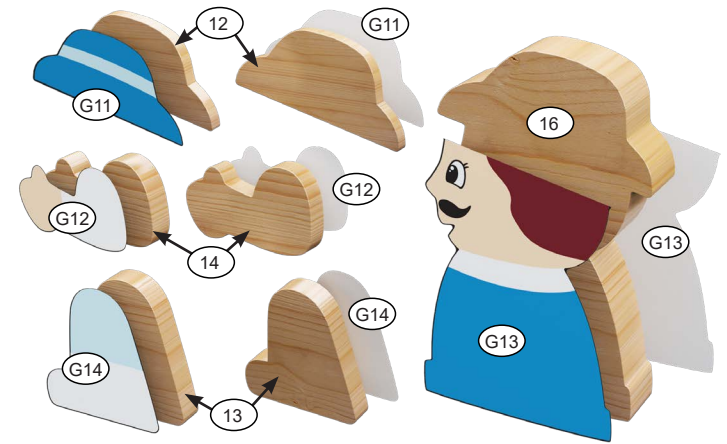
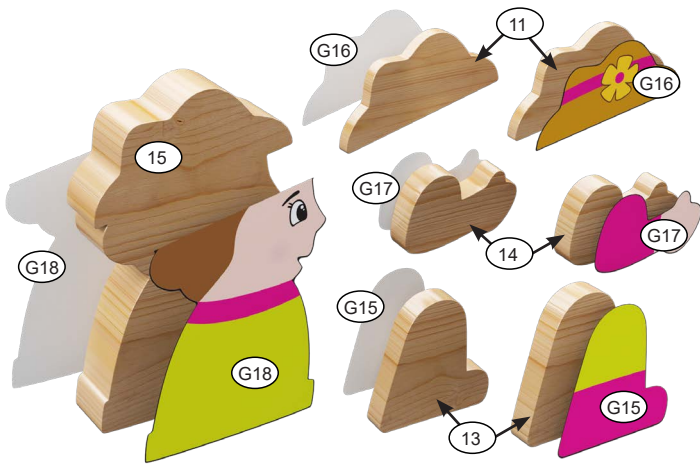
We recommend first printing a single black line pattern page as a test print to insure your printer is set to print 100%. **Check your printer printed size accuracy** by measuring the printer scale on each pattern with a ruler. If printed size of pattern is not 100% adjust printer settings.



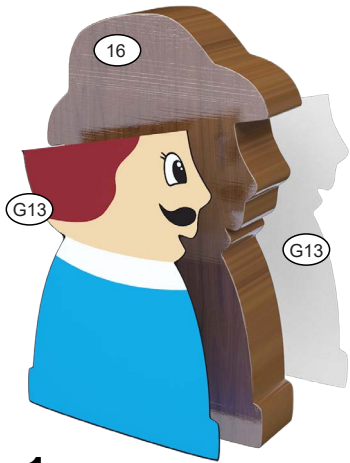
FARM CHARACTERS

IMPORTANT NOTE: Art images are applied using Mod Podge. After final assembly polyurethane clear coats are applied then LIGHTLY sanded when dry with 400 grit sandpaper. Then a finish coat is applied that is not sanded. Care must be taken to not sand through the clear coats to the paper image.

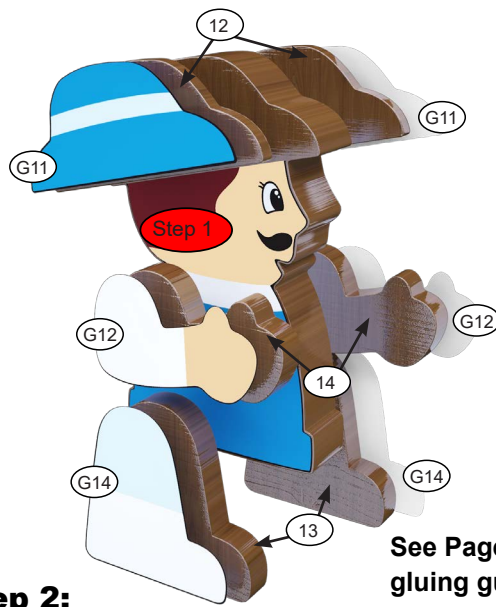
For detailed instructions on how to use Mod Podge see Page 2.



FARM CHARACTERS

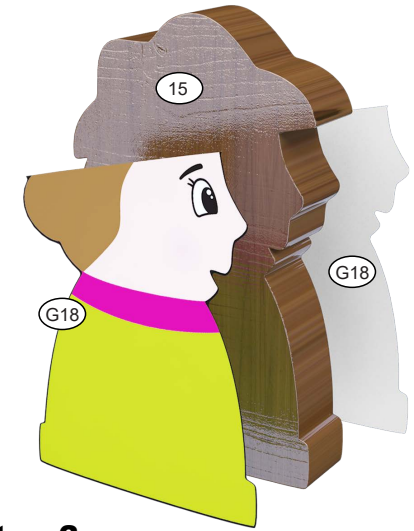


Step 1:
Glue two Art Images G13 to Part 16.
Let assembly dry before proceeding.

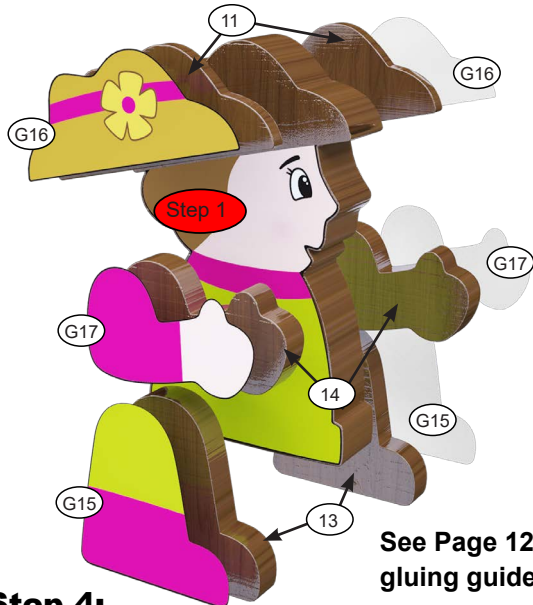


Step 2:
Glue two Art Images G11 to Part 12 let dry. Glue two Art Images G12 to Part 14 let dry. Glue two Art Images G14 to Part 13 let dry then Glue in place Hat / Arms & Legs. Let assembly dry before proceeding.

See Page 12 for
gluing guide



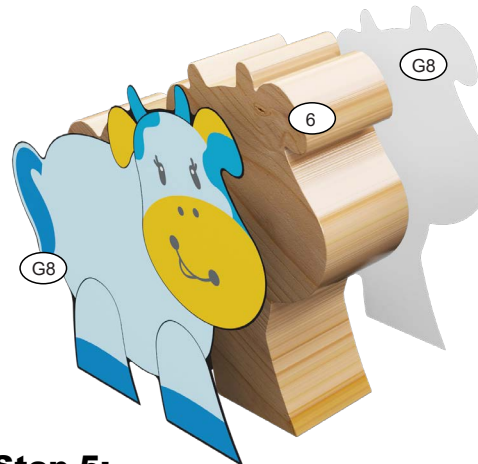
Step 3:
Glue two Art Images G18 to Part 15. Let assembly dry before proceeding.



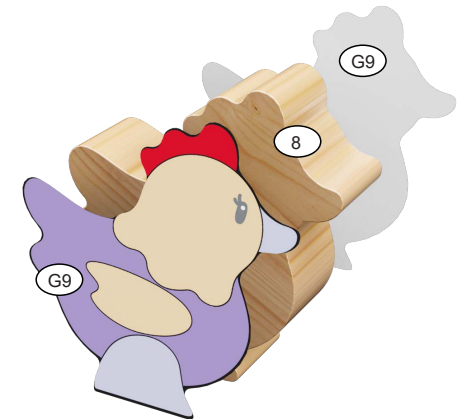
See Page 12 for
gluing guide

Step 4:
Glue two Art Images G16 to Part 11 let dry. Glue two Art Images G17 to Part 14 let dry. Glue two Art Images G15 to Part 13 let dry then Glue in place Hat / Arms & Legs. Let assembly dry before proceeding.

Apply this gluing process on the other sizes of animals (Mother Animals)



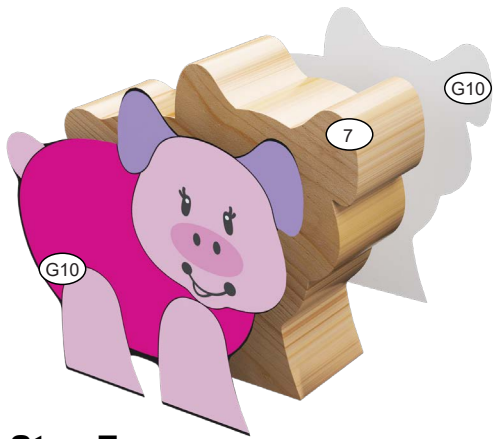
Step 5:
Glue two Art Images G8 to Part 6. Let assembly dry before proceeding.



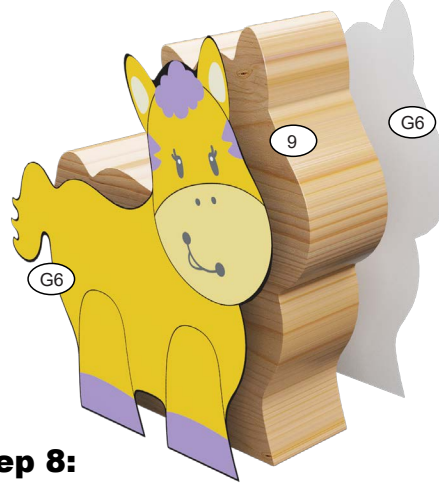
Step 6:
Glue two Art Images G9 to Part 8. Let assembly dry before proceeding.

Apply this gluing process on the other sizes of animals (Mother Animals)

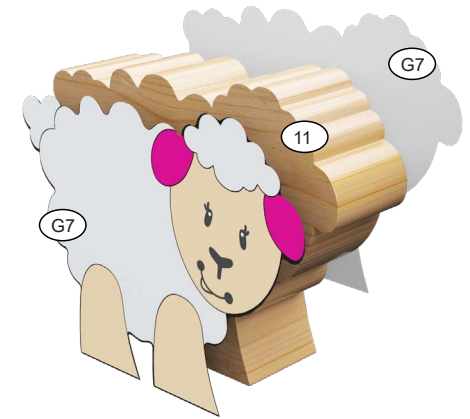
Farm Tractor Trailer
and Jolly Animals



Step 7:
Glue two Art Images G10 to Part 7. Let assembly dry before proceeding.



Step 8:
Glue two Art Images G6 to Part 9. Let assembly dry before proceeding.



Step 9:
Glue two Art Images G7 to Part 11. Let assembly dry before proceeding.







ACTUAL SIZE

FARM TRACTOR TRAILER PLAN VIEW OVERVIEW

IMPORTANT NOTE

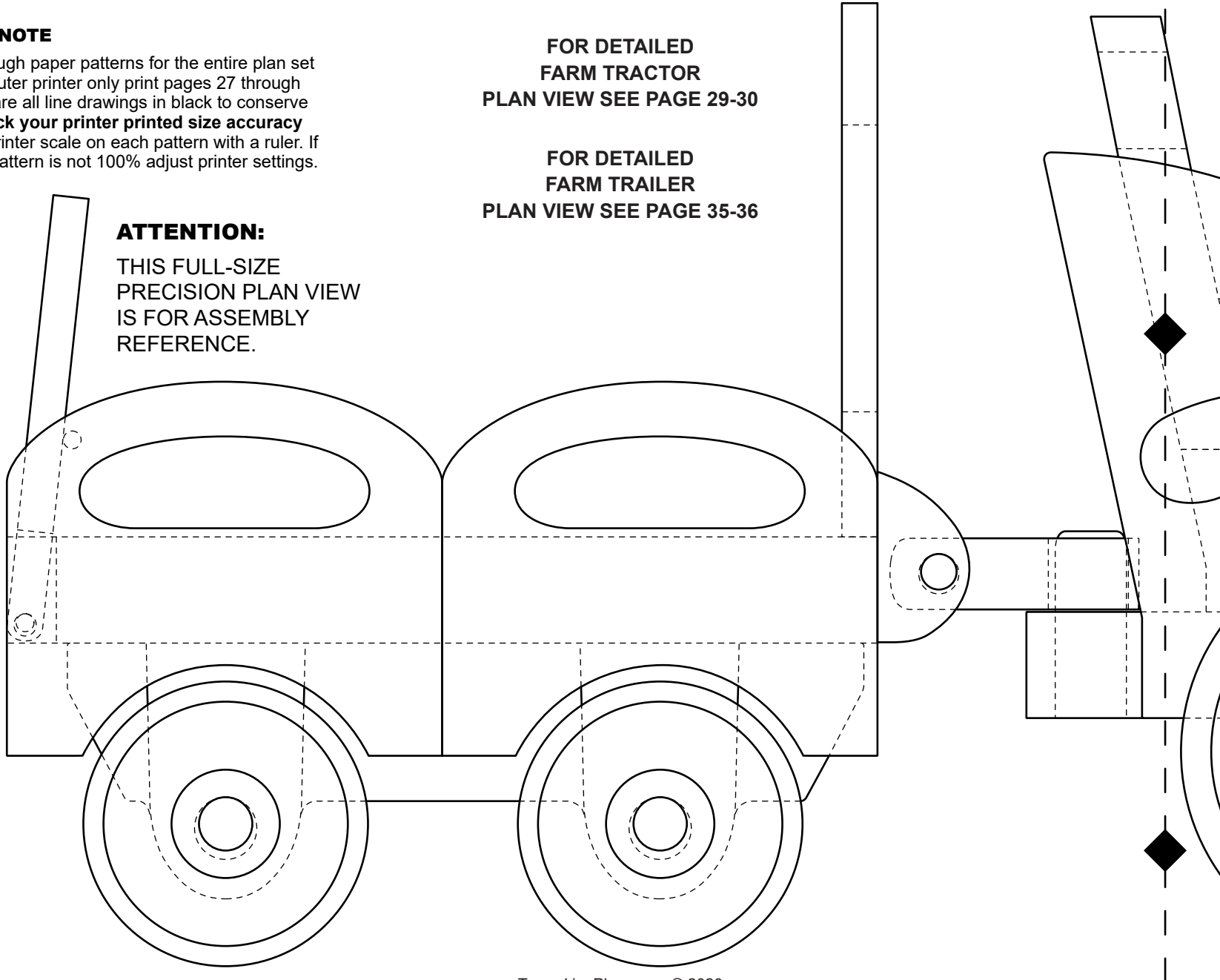
To print out enough paper patterns for the entire plan set from your computer printer only print pages 27 through 40. The pages are all line drawings in black to conserve printer ink. **Check your printer printed size accuracy** by measuring printer scale on each pattern with a ruler. If printed size of pattern is not 100% adjust printer settings.

FOR DETAILED
FARM TRACTOR
PLAN VIEW SEE PAGE 29-30

FOR DETAILED
FARM TRAILER
PLAN VIEW SEE PAGE 35-36

ATTENTION:

THIS FULL-SIZE
PRECISION PLAN VIEW
IS FOR ASSEMBLY
REFERENCE.





FARM TRACTOR TRAILER PLAN VIEW OVERVIEW

ATTENTION:

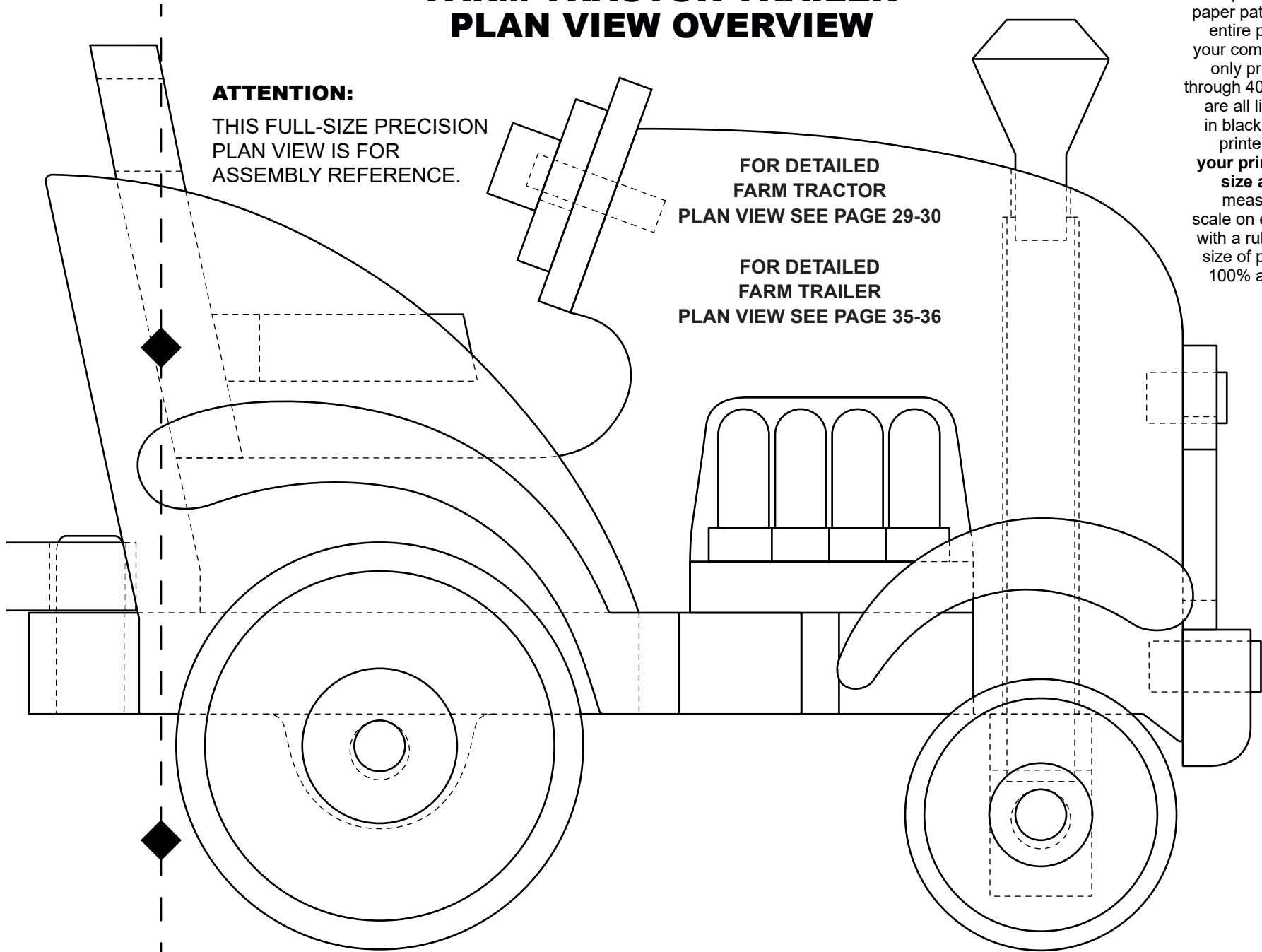
THIS FULL-SIZE PRECISION
PLAN VIEW IS FOR
ASSEMBLY REFERENCE.

FOR DETAILED
FARM TRACTOR
PLAN VIEW SEE PAGE 29-30

FOR DETAILED
FARM TRAILER
PLAN VIEW SEE PAGE 35-36

IMPORTANT NOTE

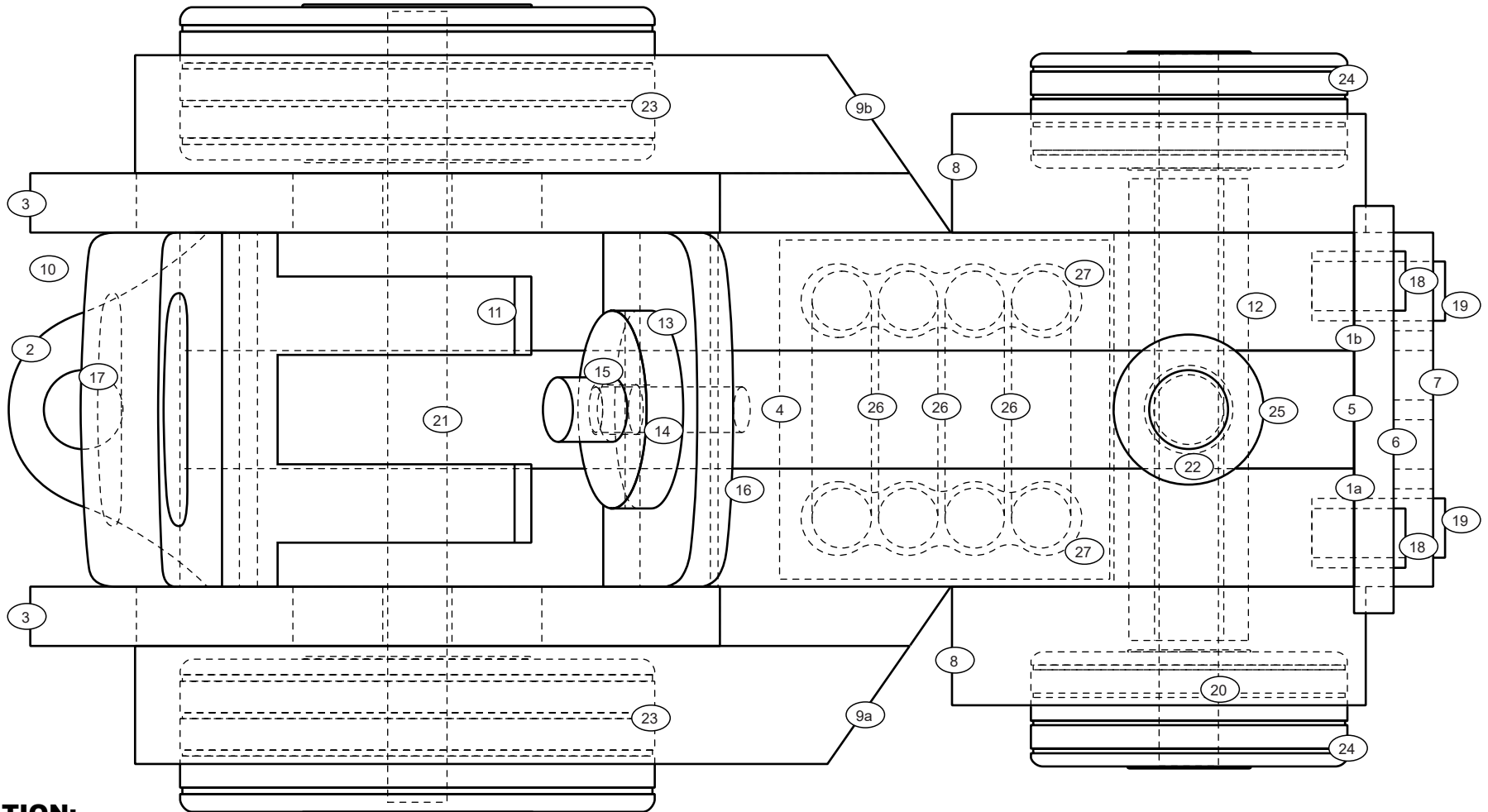
To print out enough paper patterns for the entire plan set from your computer printer only print pages 27 through 40. The pages are all line drawings in black to conserve printer ink. **Check your printer printed size accuracy** by measuring printer scale on each pattern with a ruler. If printed size of pattern is not 100% adjust printer settings.





FARM TRACTOR TOP VIEW

FOR DETAILED FARM TRACTOR PLAN VIEW
SEE PAGE 35-36



ATTENTION:

THIS FULL-SIZE
PRECISION PLAN VIEW
IS FOR ASSEMBLY
REFERENCE.

IMPORTANT NOTE

To print out enough paper patterns for the entire plan set from your computer printer only print pages 27 through 40. The pages are all line drawings in black to conserve printer ink. **Check your printer printed size accuracy** by measuring printer scale on each pattern with a ruler. If printed size of pattern is not 100% adjust printer settings.



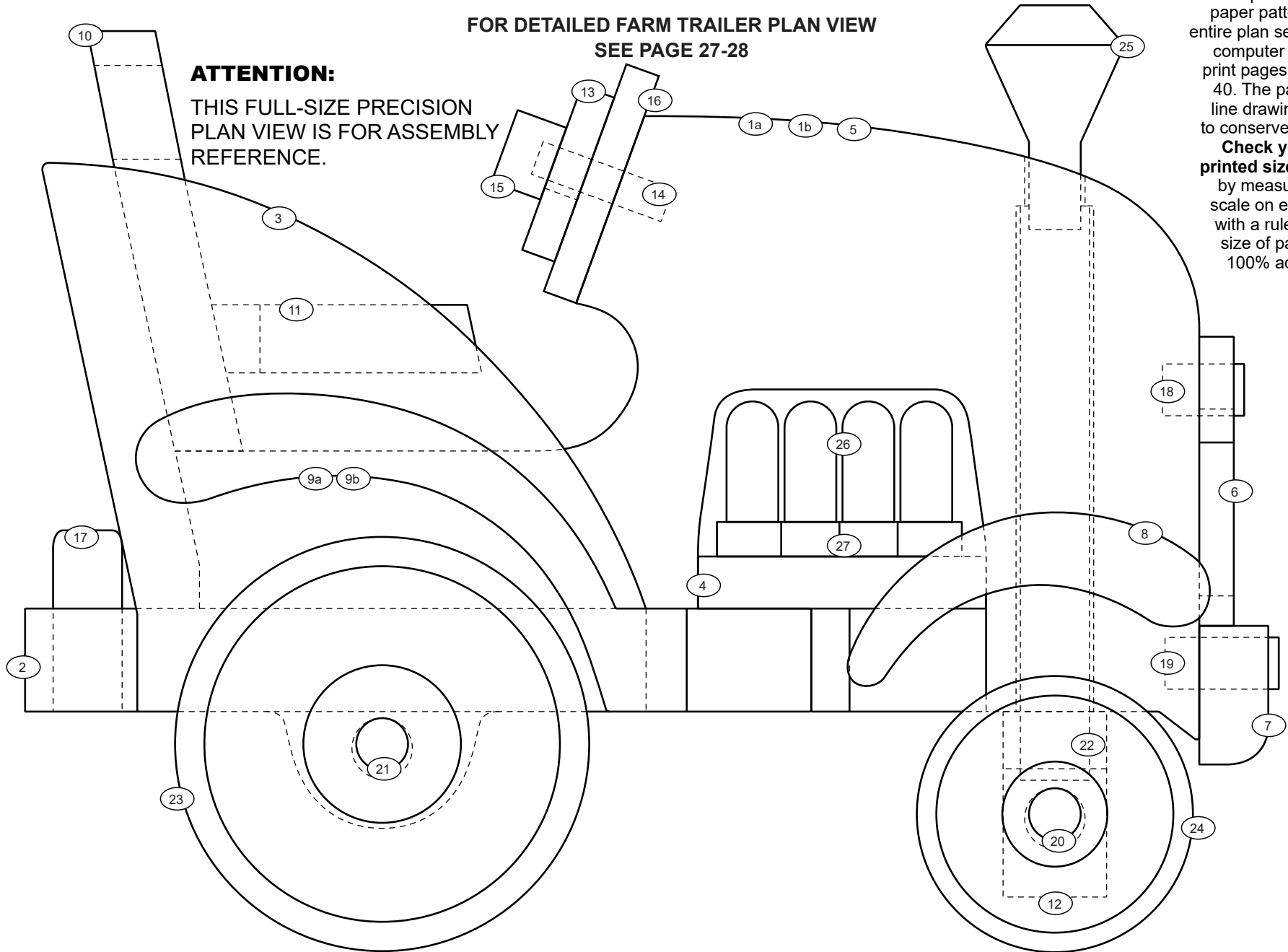
ACTUAL SIZE

FARM TRACTOR SIDE VIEW

FOR DETAILED FARM TRAILER PLAN VIEW
SEE PAGE 27-28

ATTENTION:

THIS FULL-SIZE PRECISION
PLAN VIEW IS FOR ASSEMBLY
REFERENCE.



IMPORTANT NOTE

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Check your printer printed size accuracy by measuring printer scale on each pattern with a ruler. If printed size of pattern is not 100% adjust printer settings.



ACTUAL SIZE

Patterns and Image Art are full-size.

We recommend first printing a single black line pattern page as a test print to insure your printer is set to print 100%. **Check your printer printed size accuracy** by measuring the printer scale on each pattern with a ruler. If printed size of pattern is not 100% adjust printer settings.

MAKE 2 OF THIS PART

1. $3/4'' \times 4-9/16'' \times 7-7/16''$
make 2 (Left / Right)

1a/b

1a

Left

Right

1b

3/8" Dia
x 1/4"
deep



3/8" Dia
x 1/4"
deep



3/8" Dia
x 1/4"
deep

3/8" Dia
x 1/4"
deep



3/8" Dia
x 1/4"
deep



3/8" Dia
x 1/4"
deep

**HOLE GUIDE
LEFT / RIGHT**

2

1/2" Dia
hole thru

2. $3/4'' \times 3'' \times 7''$ make 1

2

1/2" Dia
hole thru



**Farm Tractor Trailer
and Jolly Animals**



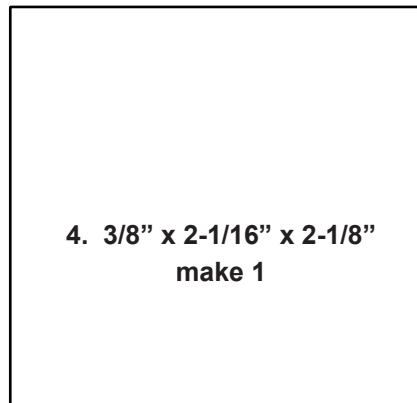
ACTUAL SIZE

3. $3/8$ " x $4-3/8$ " x $4-7/8$ " make 2

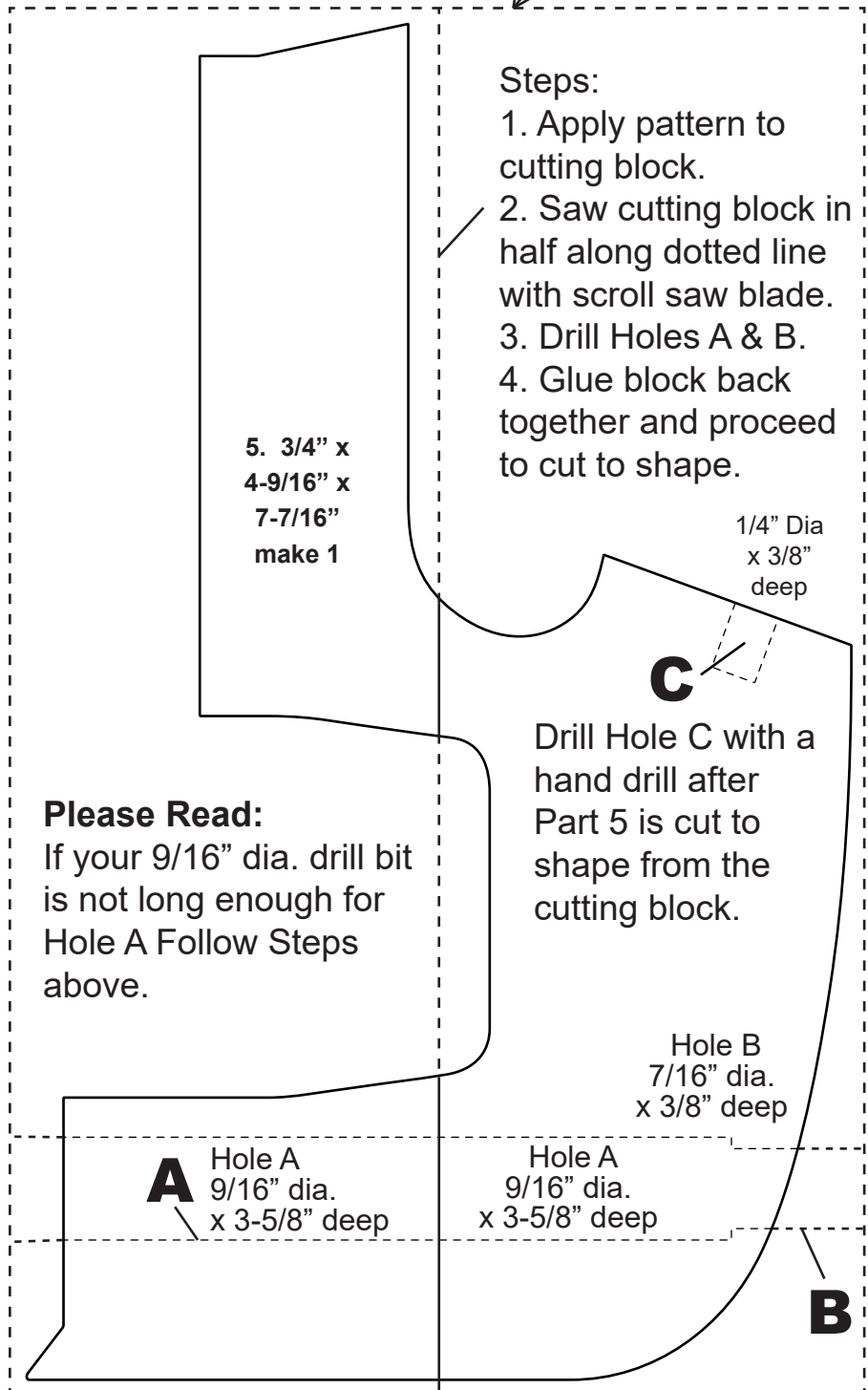
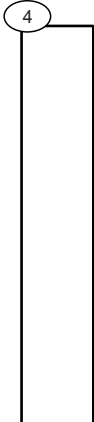
$7/16$ " Dia
hole thru



3



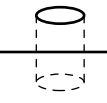
4. $3/8$ " x $2-1/16$ " x $2-1/8$ "
make 1



Steps:

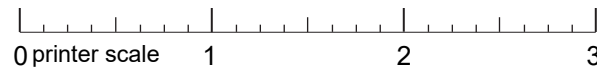
1. Apply pattern to cutting block.
2. Saw cutting block in half along dotted line with scroll saw blade.
3. Drill Holes A & B.
4. Glue block back together and proceed to cut to shape.

5

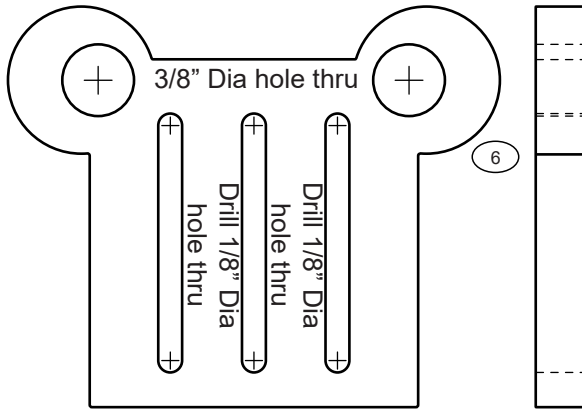


$1/4$ " Dia
x $3/8$ "
deep



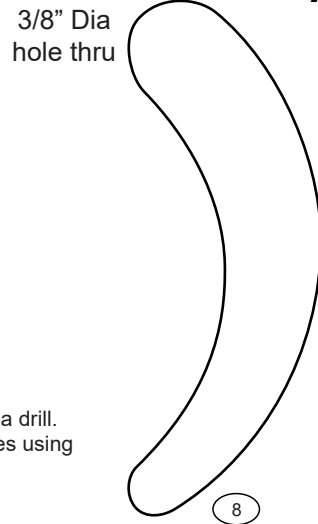


ACTUAL SIZE

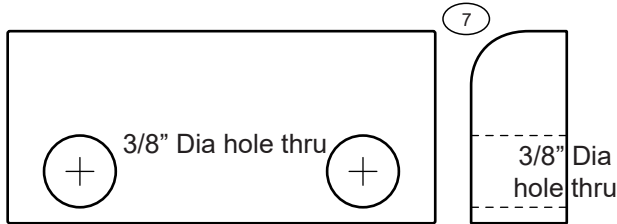


6. 1/4" x 2-1/8" x 2-5/8" make 1

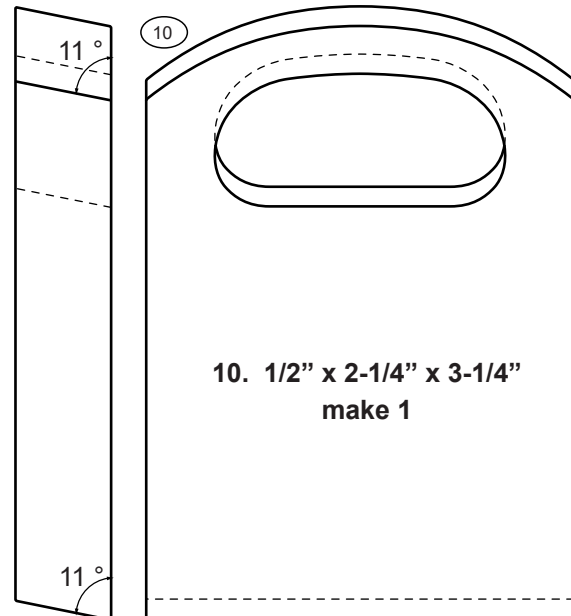
NOTE: Use the two line crosshair and drill it using a 1/8" dia drill. Then cut the sides of the holes to connect the two 1/8" holes using your scroll saw to make it a one hole. Make 6 holes.



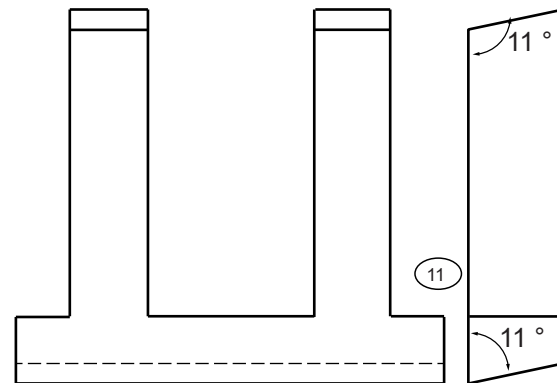
7. 1/2" x 1" x 2-1/4" make 1



8. 3/4" x 1" x 2-3/4" make 2



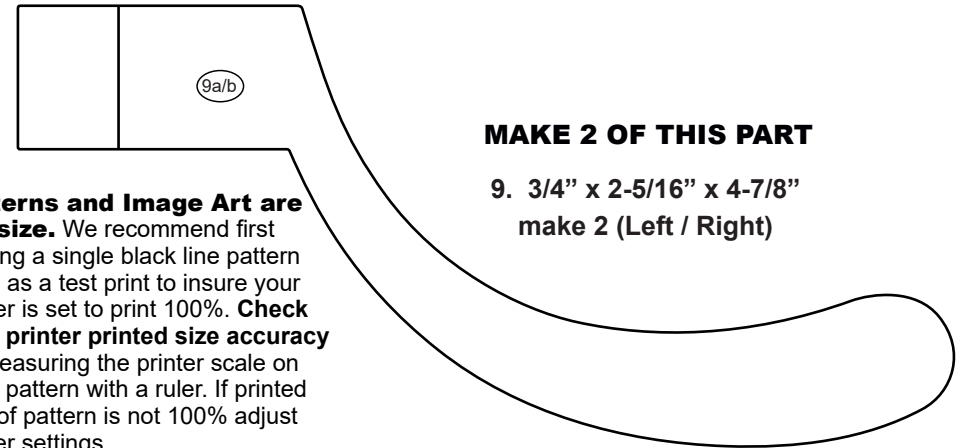
10. 1/2" x 2-1/4" x 3-1/4" make 1



11. 1/2" x 2" x 2-1/4" make 1



Left

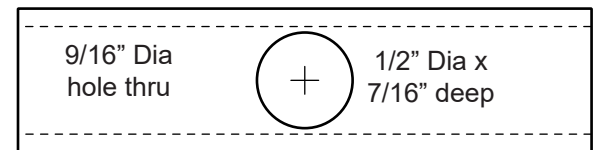
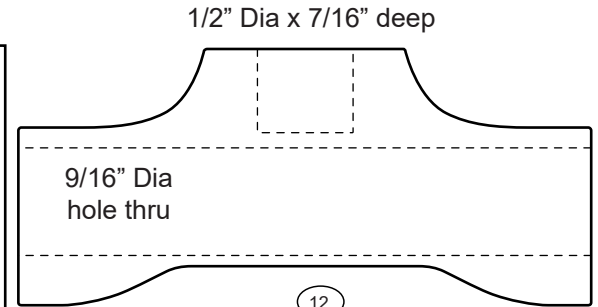
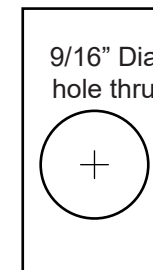


MAKE 2 OF THIS PART

9. 3/4" x 2-5/16" x 4-7/8" make 2 (Left / Right)



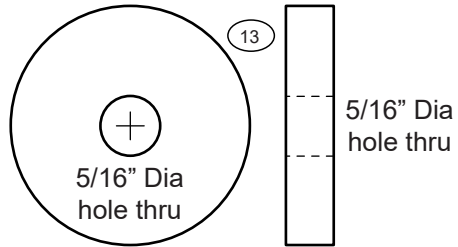
Right



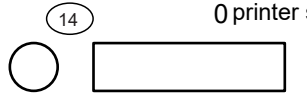
12. 3/4" x 1-3/8" x 3" make 1



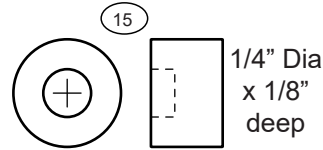
ACTUAL SIZE



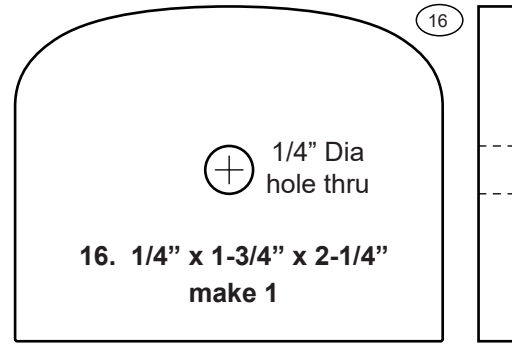
13. 1-1/4" Dia x 1/4" make 1



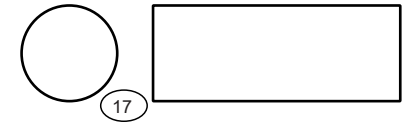
14. 1/4" Dia x 1" make 1



15. 9/16" Dia x 3/8" make 1



16. 1/4" x 1-3/4" x 2-1/4" make 1



17. 1/2" Dia x 1-1/4" make 1



18. 3/8" Dia x 5/8" make 2



19. 3/8" Dia x 7/8" make 2



20. 3/8" Dia x 4-1/2" make 1

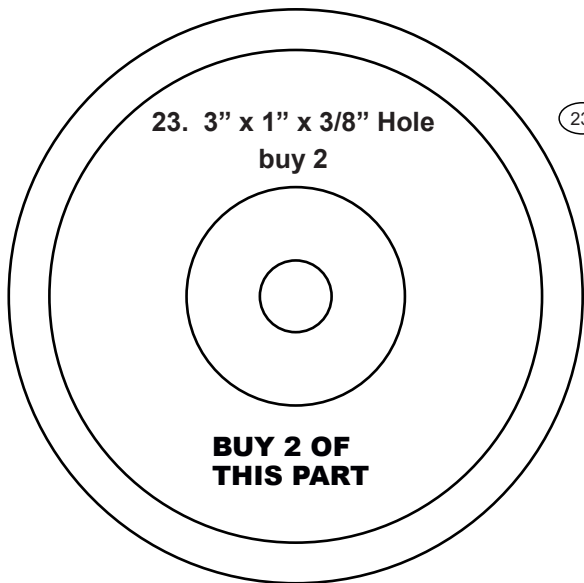


21. 3/8" Dia x 5" make 2



22. 1/2" Dia x 4-3/16" make 1

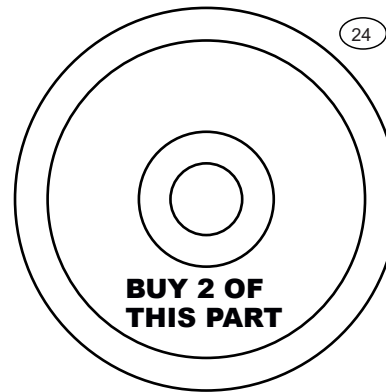
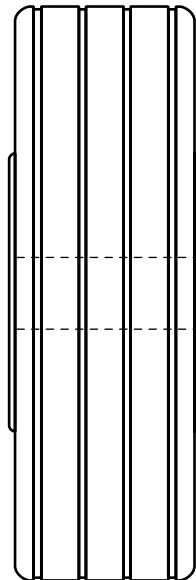
Patterns and Image Art are full-size. We recommend first printing a single black line pattern page as a test print to insure your printer is set to print 100%. **Check your printer printed size accuracy** by measuring the printer scale on each pattern with a ruler. If printed size of pattern is not 100% adjust printer settings.



23. 3" x 1" x 3/8" Hole buy 2

BUY 2 OF THIS PART

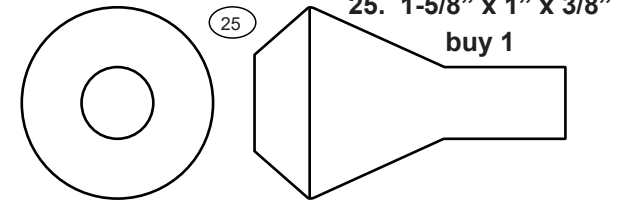
Part 23 - Treaded Wood Toy Wheels
www.craftparts.com
Part # TWT300 Buy 2
3" x 1" x 3/8" Hole



24. 2" x 3/4" x 3/8" Hole buy 2

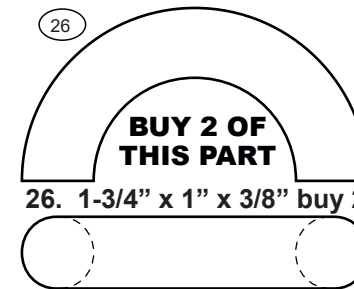
BUY 2 OF THIS PART

Part 24 - Treaded Wood Toy Wheels
www.craftparts.com
Part # TWT200 Buy 2
2" x 3/4" x 3/8" Hole



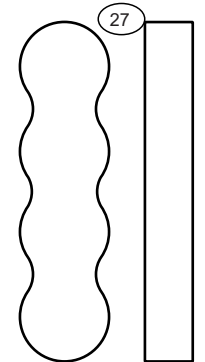
25. 1-5/8" x 1" x 3/8" buy 1

Part 25 - Smokestacks www.craftparts.com
Part # SS4040 Buy 1
1-5/8" x 1" wide x 3/8" Tenon



26. 1-3/4" x 1" x 3/8" buy 2

Part 26 - Wooden Toss Ring
www.craftparts.com
Part # TR0500 Buy 2
1-3/4" Outside Dia x 1" Inside Dia x 3/8" Thick (Divide into 2)



27. 1/4" x 1/2" x 1-13/16" make 1

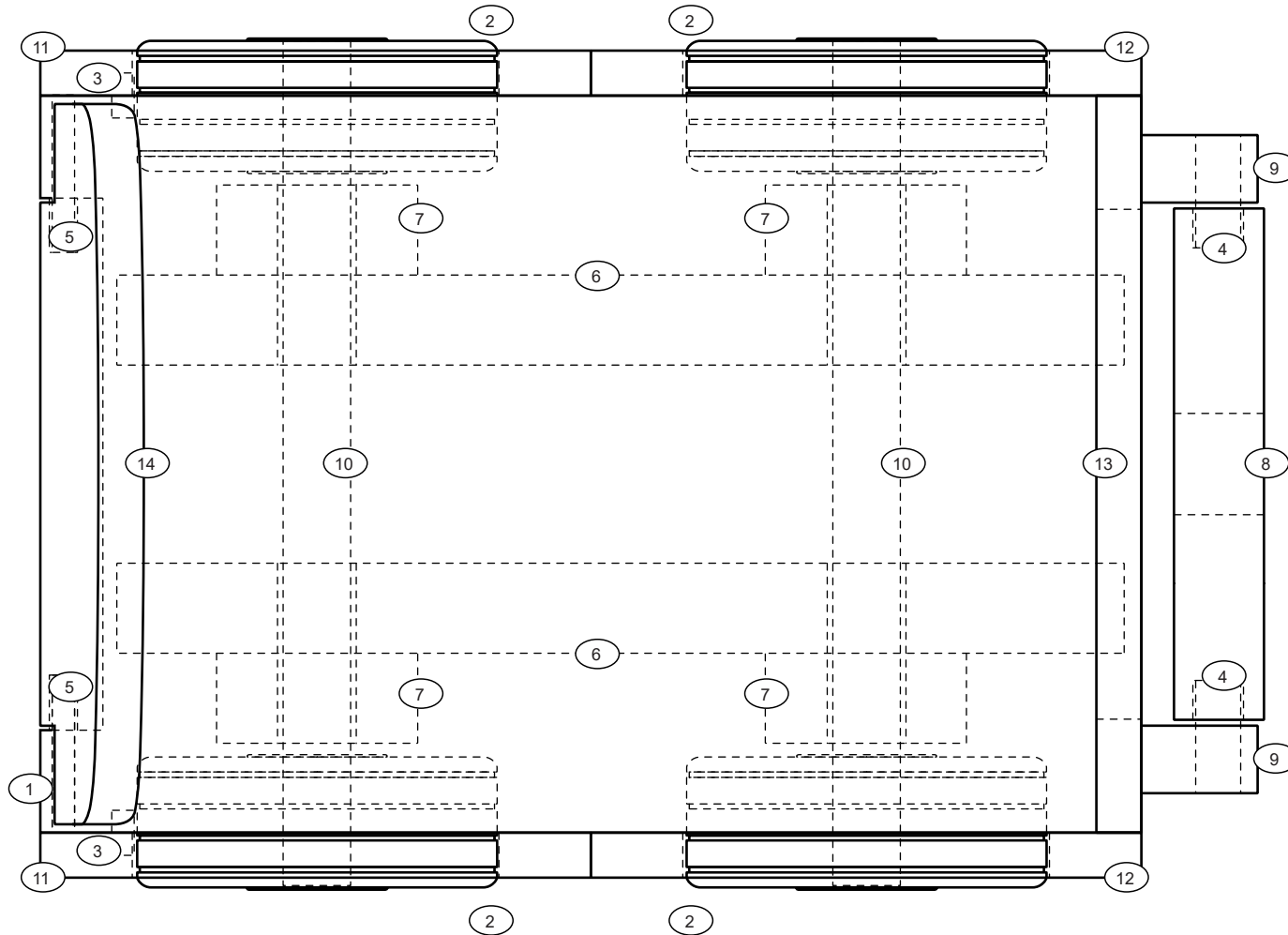


FARM TRAILER TOP VIEW

FOR DETAILED FARM TRAILER PLAN VIEWS

SEE PAGES 27-28

ATTENTION:
THIS FULL-SIZE
PRECISION
PLAN VIEW IS
FOR ASSEMBLY
REFERENCE.



IMPORTANT NOTE
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patterns for the entire plan
set from your computer
printer only print pages 27
through 40. The pages are
all line drawings in black to
conserve printer ink. **Check
your printer printed size
accuracy** by measuring
printer scale on each pattern
with a ruler. If printed size of
pattern is not 100% adjust
printer settings.

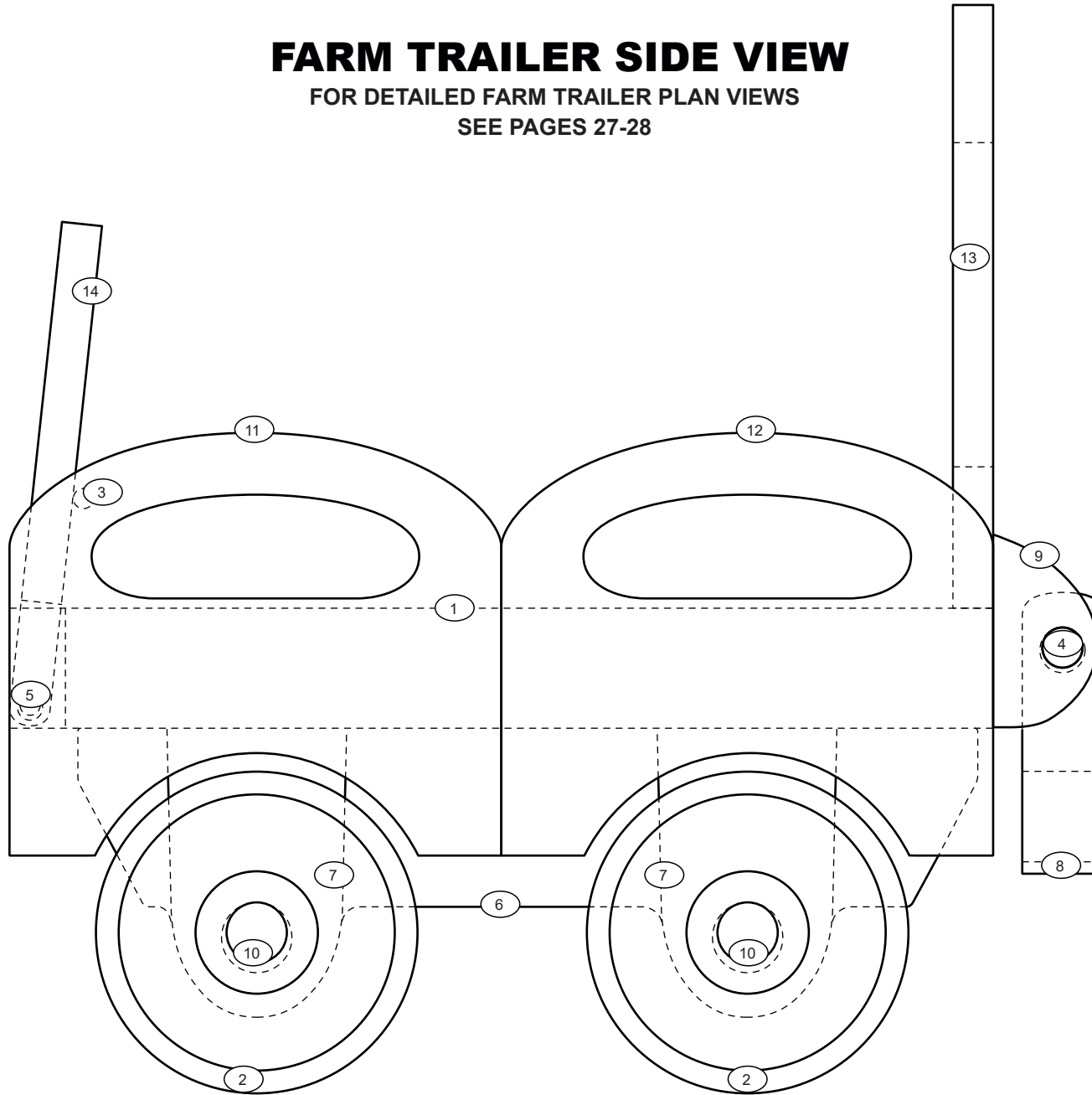


FARM TRAILER SIDE VIEW

FOR DETAILED FARM TRAILER PLAN VIEWS
SEE PAGES 27-28

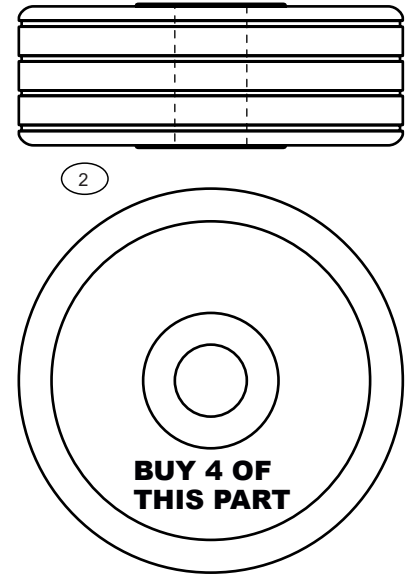
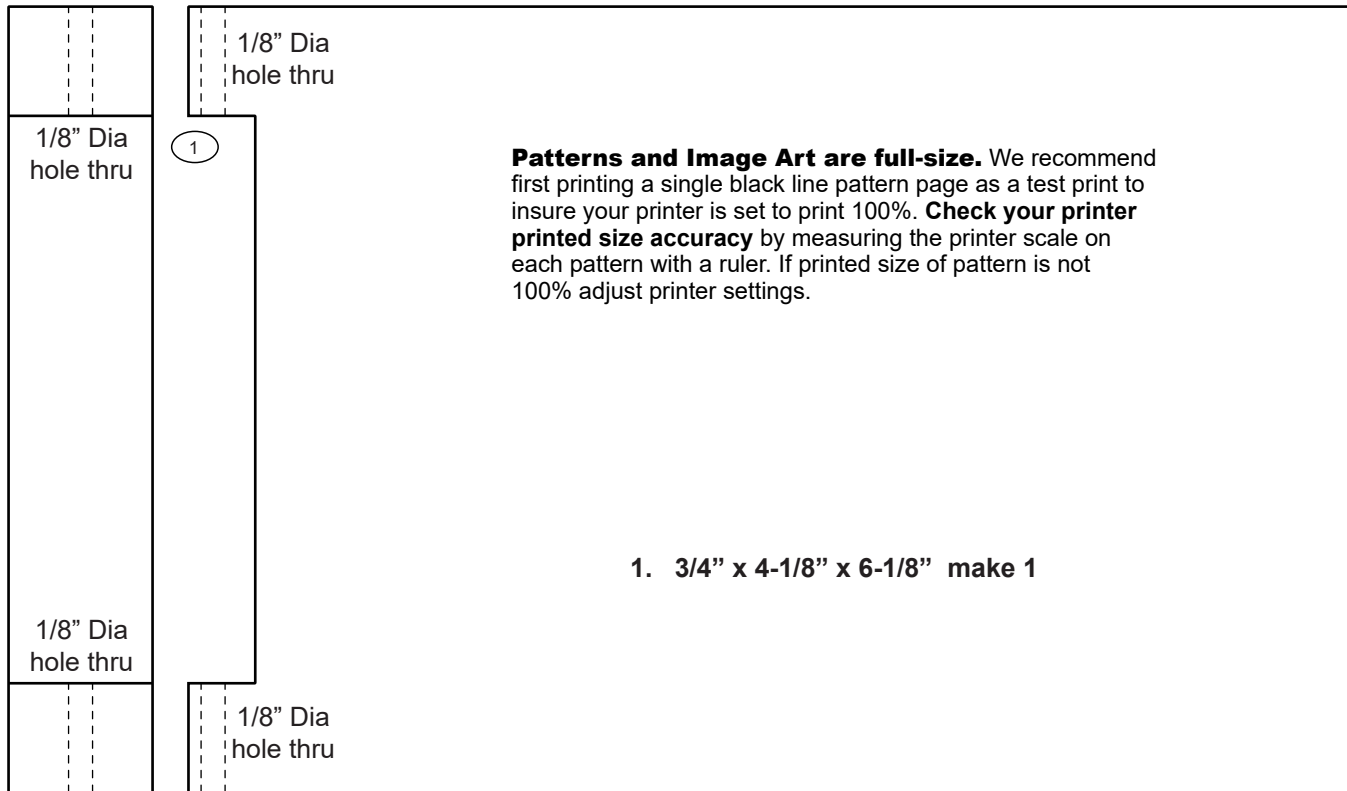
ATTENTION:

THIS FULL-SIZE
PRECISION
PLAN VIEW IS
FOR ASSEMBLY
REFERENCE.

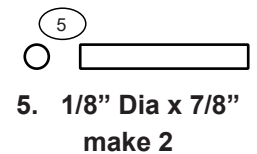
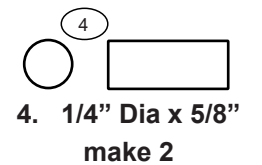
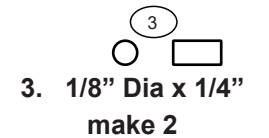
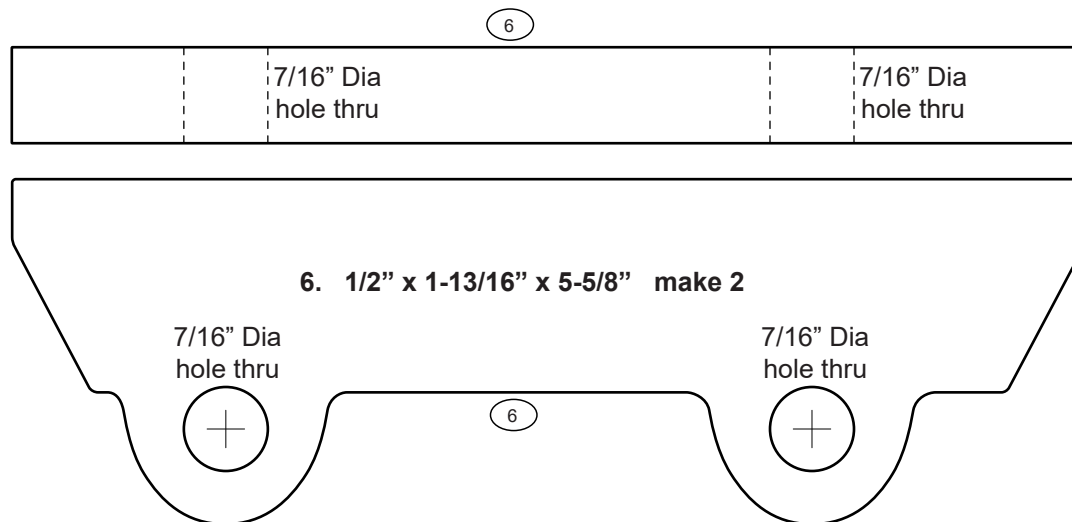
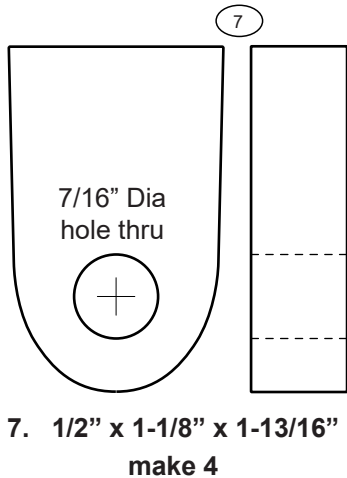


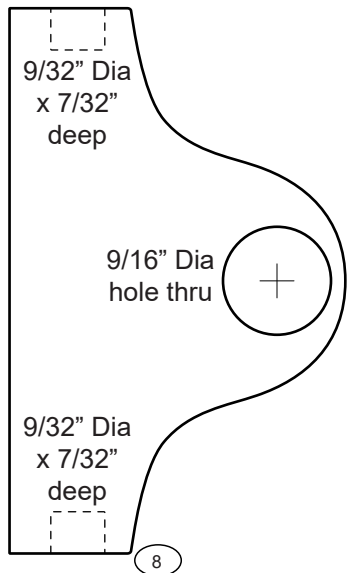
IMPORTANT NOTE

To print out enough paper patterns for the entire plan set from your computer printer only print pages 27 through 40. The pages are all line drawings in black to conserve printer ink. **Check your printer printed size accuracy** by measuring printer scale on each pattern with a ruler. If printed size of pattern is not 100% adjust printer settings.

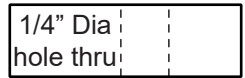


Part 2 - Treaded Wood Toy Wheels
www.craftparts.com
Part # TWT200 Buy 4
2" x 3/4" x 3/8" Hole

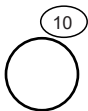




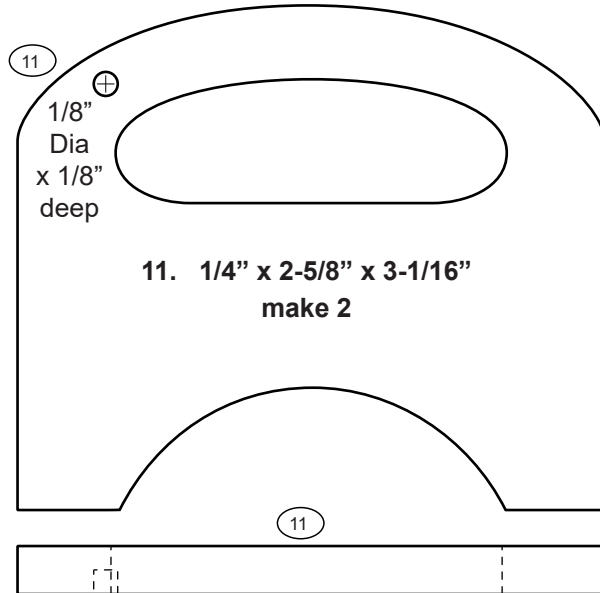
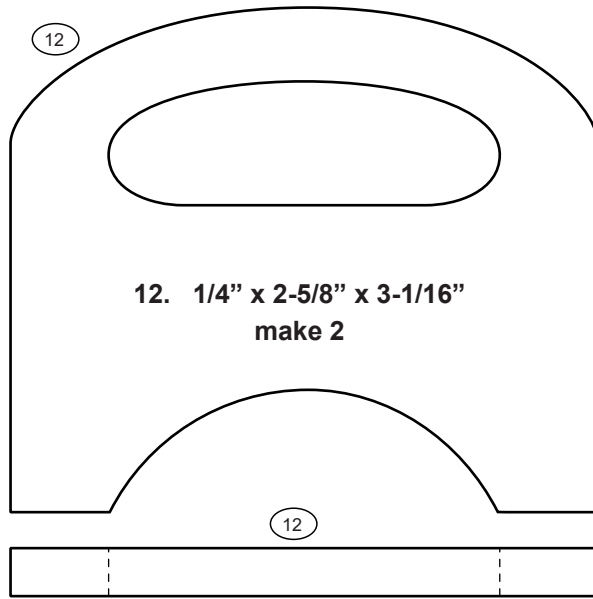
8. 1/2" x 1-3/4" x 2-7/8" make 1



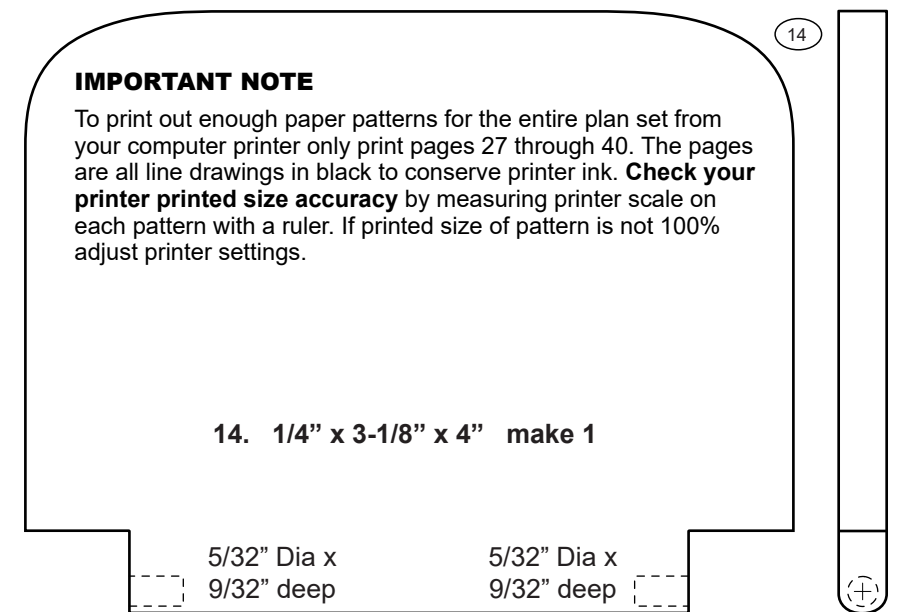
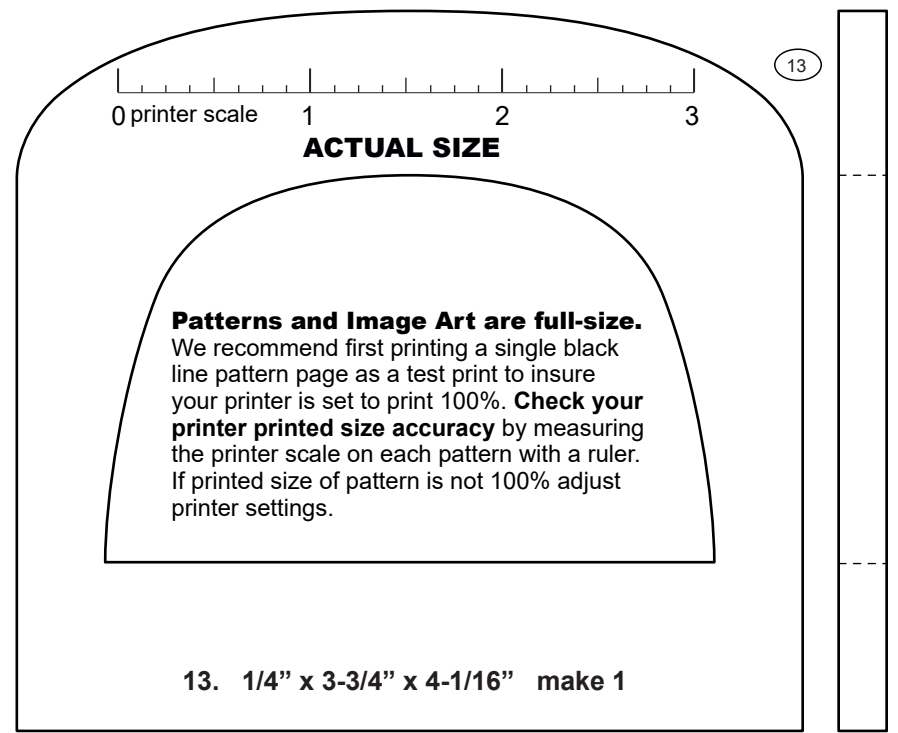
9. 3/8" x 5/8" x 1-1/4" make 2



10. 3/8" Dia x 4-11/16" make 2

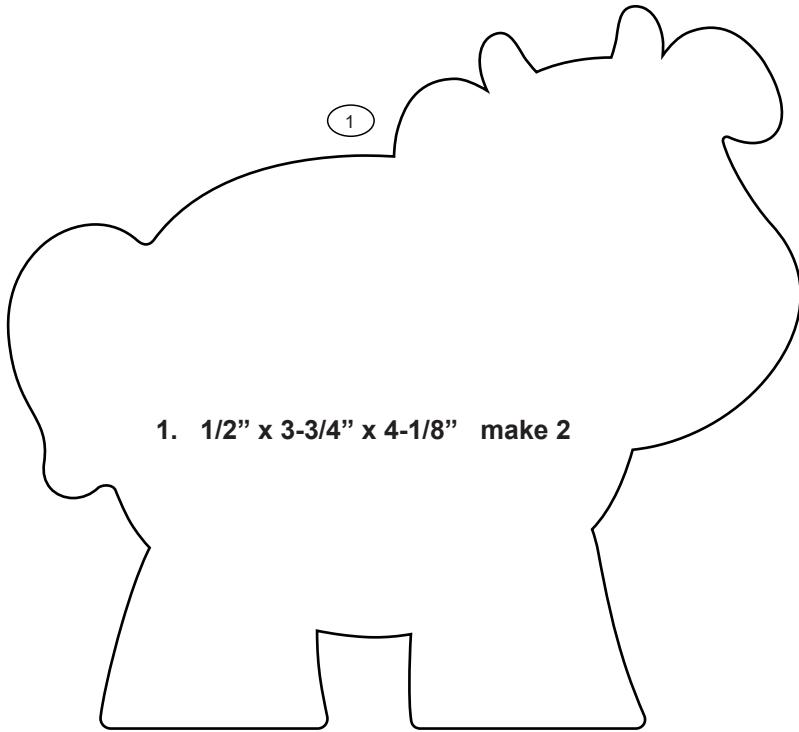


1/8" Dia x 1/8" deep





ACTUAL SIZE

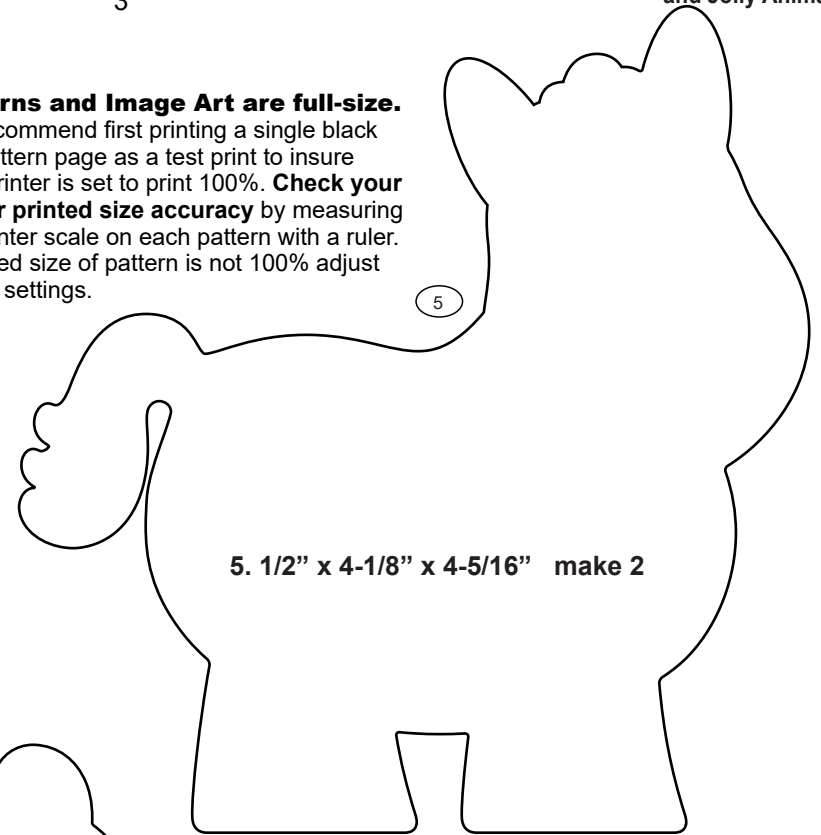


1. 1/2" x 3-3/4" x 4-1/8" make 2

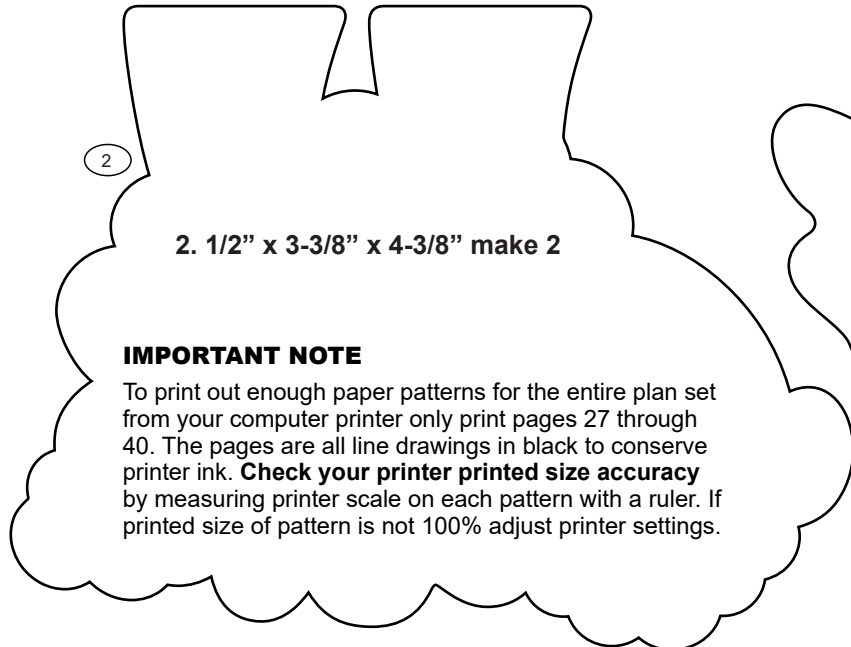
NOTE:
Laminate two 1/2" thick pieces for
Parts 1, 2, 3, 4 and 5.

Patterns and Image Art are full-size.

We recommend first printing a single black line pattern page as a test print to insure your printer is set to print 100%. **Check your printer printed size accuracy** by measuring the printer scale on each pattern with a ruler. If printed size of pattern is not 100% adjust printer settings.



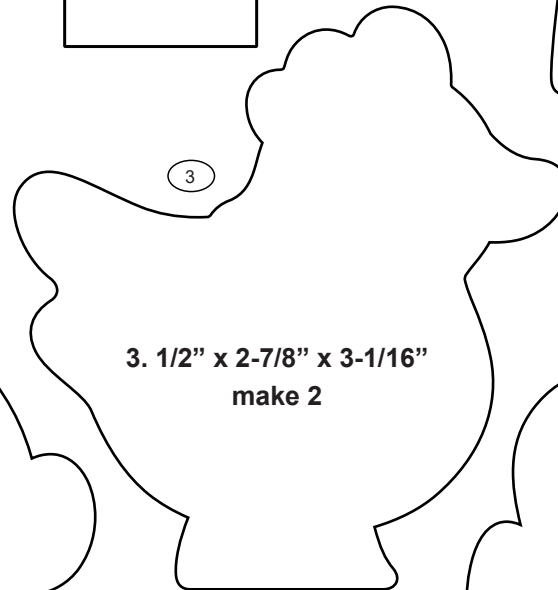
5. 1/2" x 4-1/8" x 4-5/16" make 2



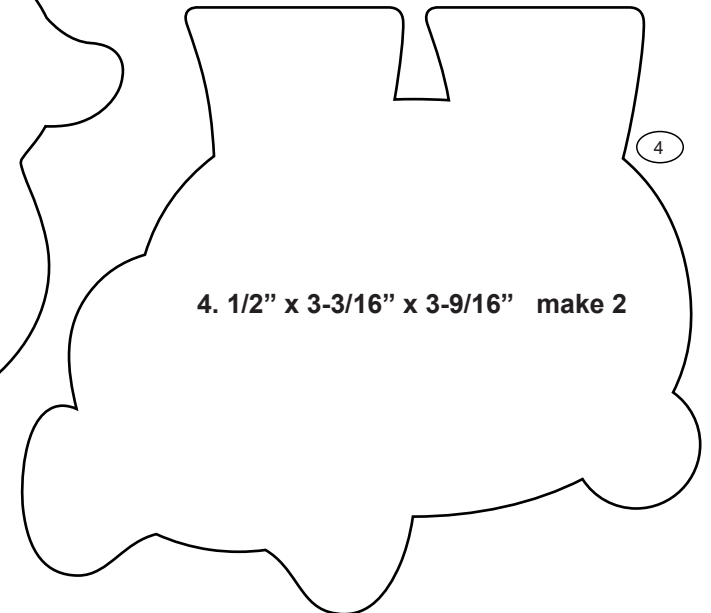
2. 1/2" x 3-3/8" x 4-3/8" make 2

IMPORTANT NOTE

To print out enough paper patterns for the entire plan set from your computer printer only print pages 27 through 40. The pages are all line drawings in black to conserve printer ink. **Check your printer printed size accuracy** by measuring printer scale on each pattern with a ruler. If printed size of pattern is not 100% adjust printer settings.

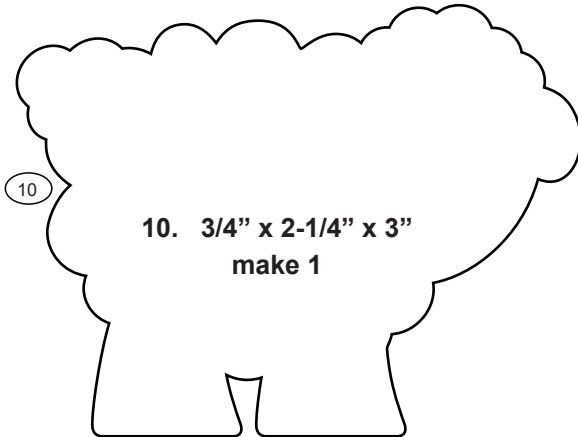
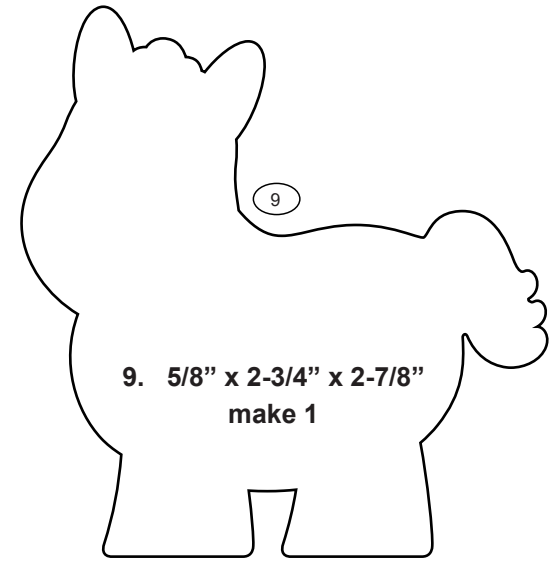
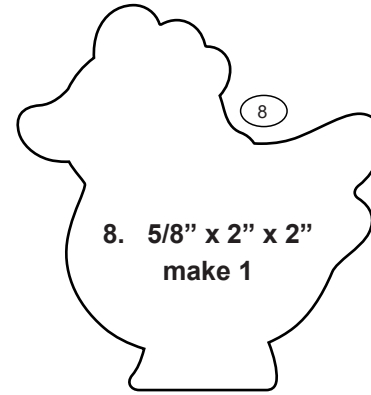
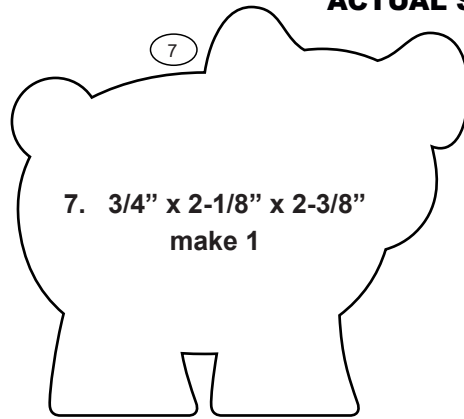
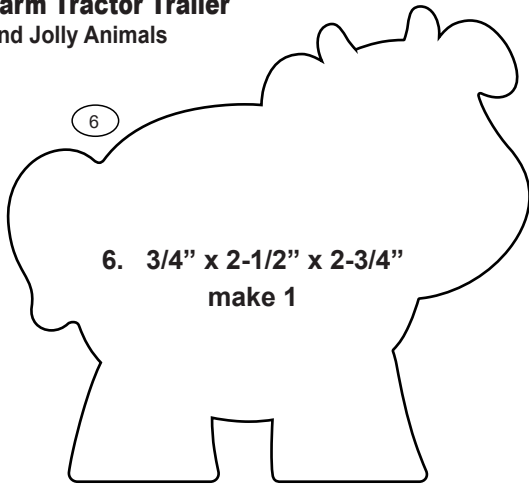


3. 1/2" x 2-7/8" x 3-1/16" make 2

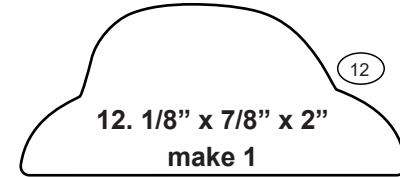
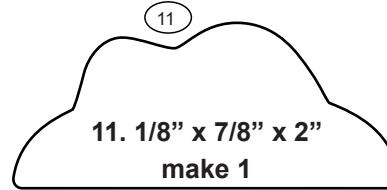


4. 1/2" x 3-3/16" x 3-9/16" make 2

**Farm Tractor Trailer
and Jolly Animals**

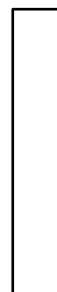
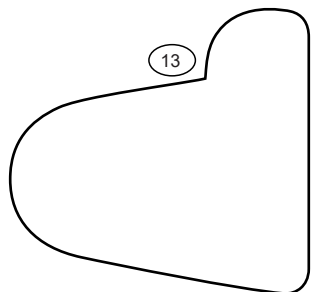


Use $3/4''$ wood thickness
size on Parts 6, 7, 8, 9 and 10.

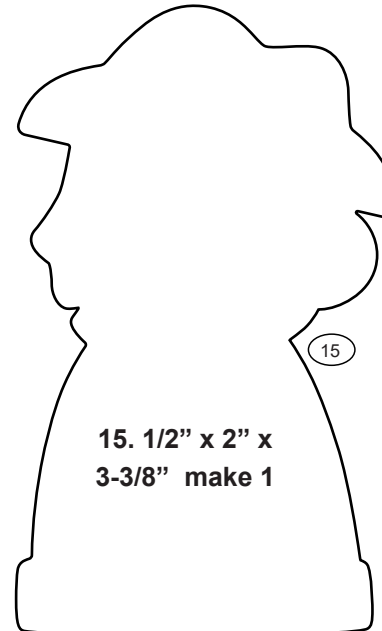
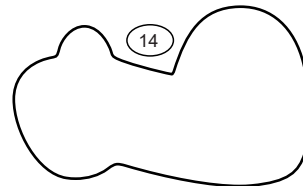


Use $1/8''$ wood thickness size on part 11 and 12.

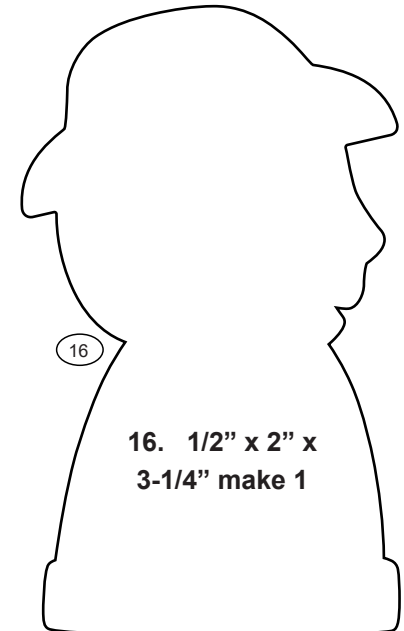
IMPORTANT NOTE: Art images are applied using Mod Podge. After final assembly polyurethane clear coats are applied then LIGHTLY sanded when dry with 400 grit sandpaper. Then a finish coat is applied that is not sanded. Care must be taken to not sand through the clear coats to the paper image. For detailed instructions on how to use Mod Podge see Page 2.



Use $1/4''$ wood thickness
size on Parts 13 and 14.

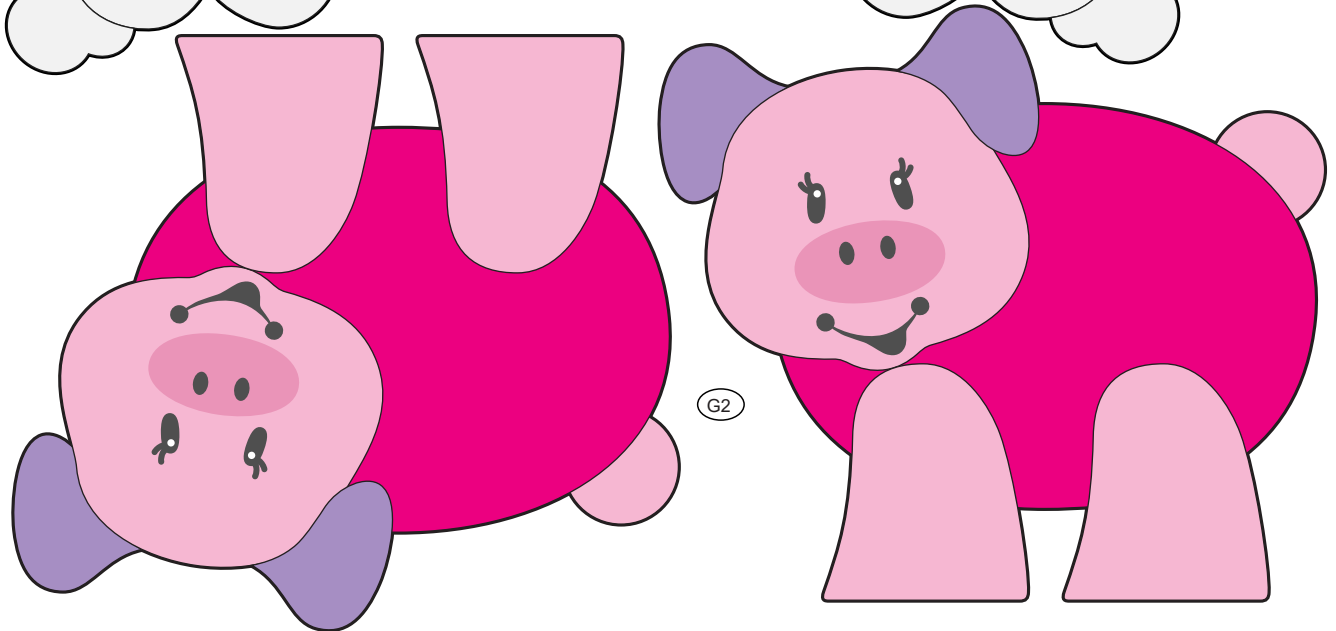
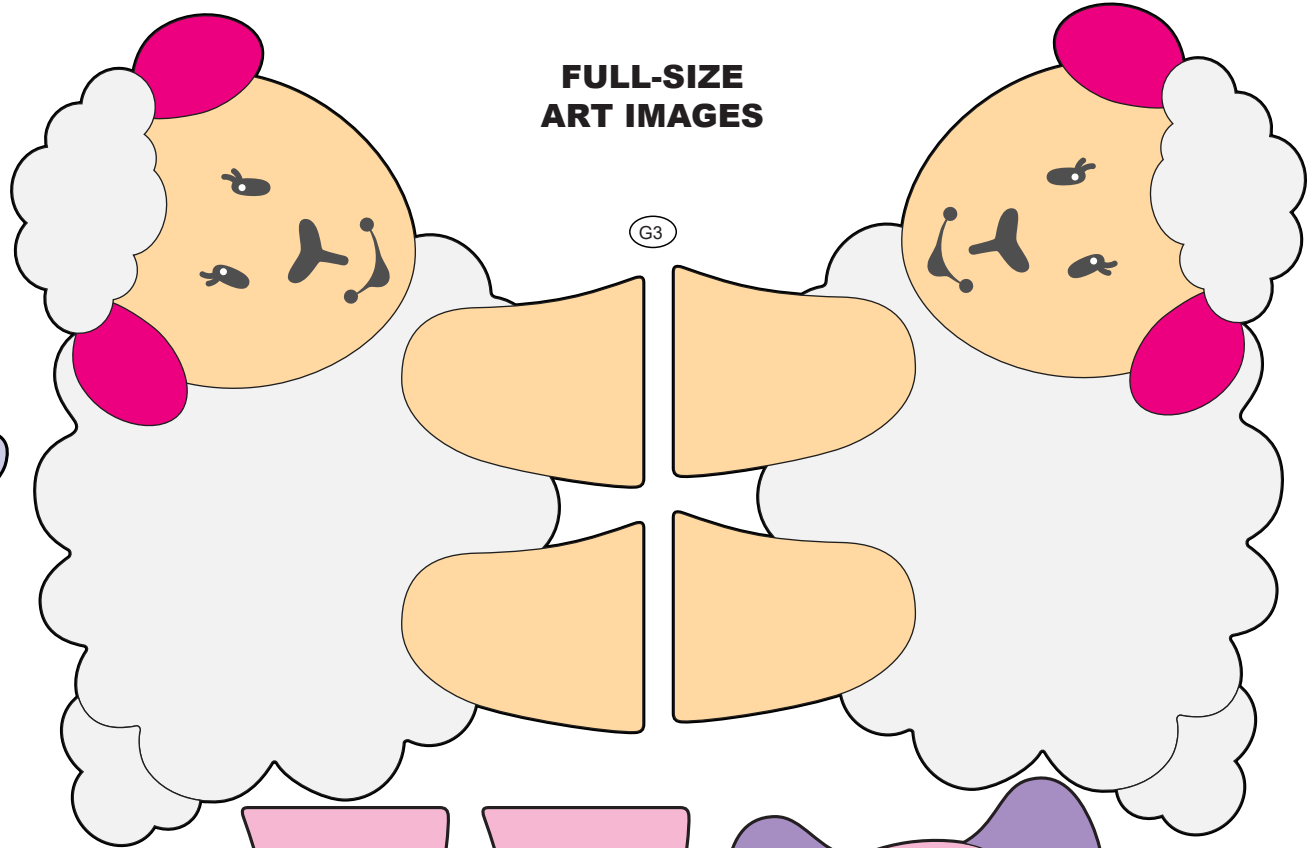
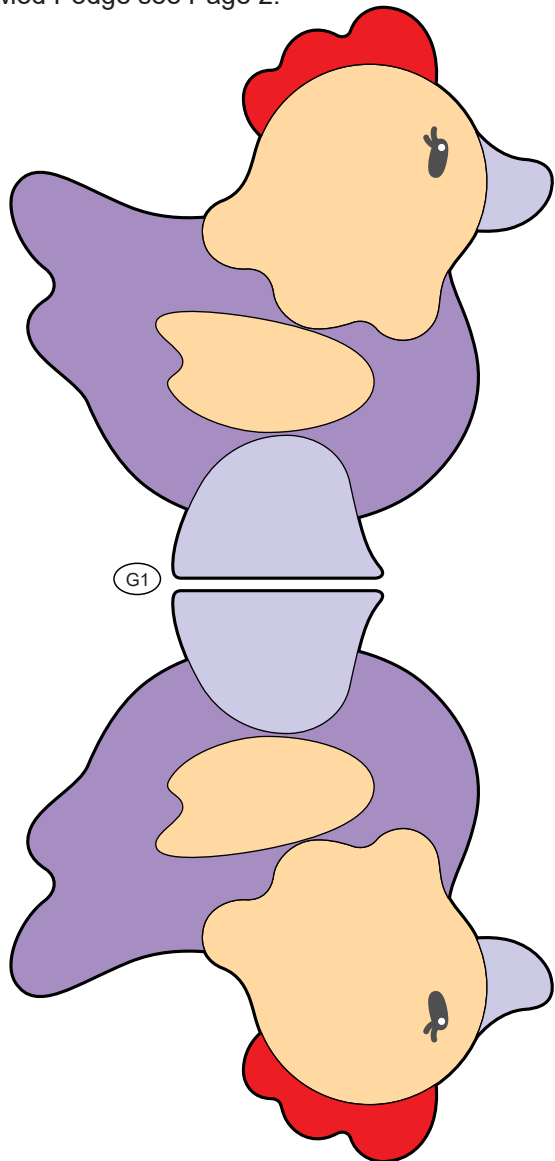


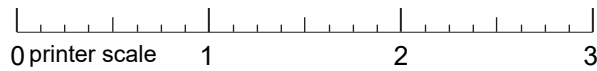
Use $1/2''$ wood thickness
size on Parts 15 and 16.



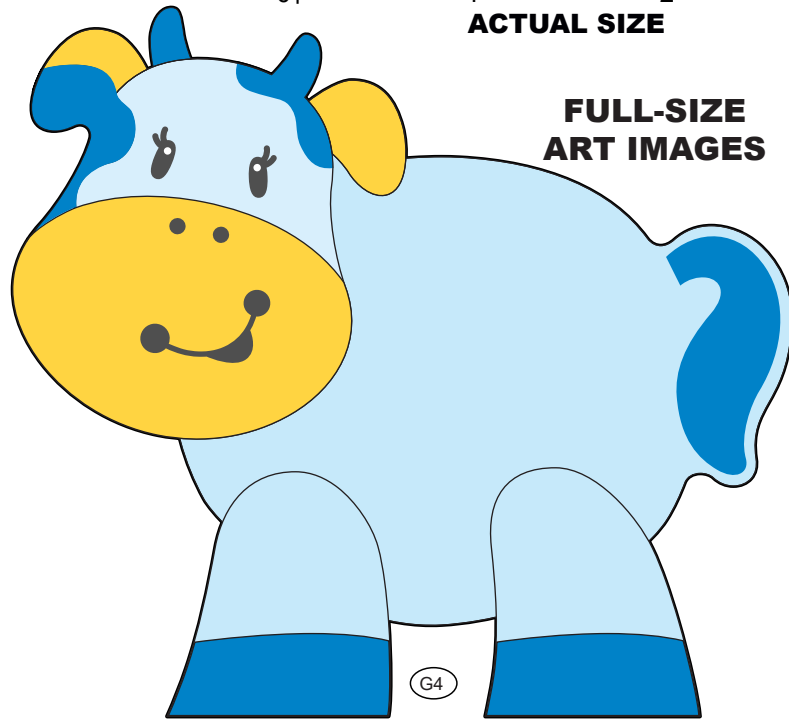
IMPORTANT NOTE: Art images are applied using Mod Podge. After final assembly polyurethane clear coats are applied then LIGHTLY sanded when dry with 400 grit sandpaper. Then a finish coat is applied that is not sanded. Care must be taken to not sand through the clear coats to the paper image. For detailed instructions on how to use Mod Podge see Page 2.

**FULL-SIZE
ART IMAGES**

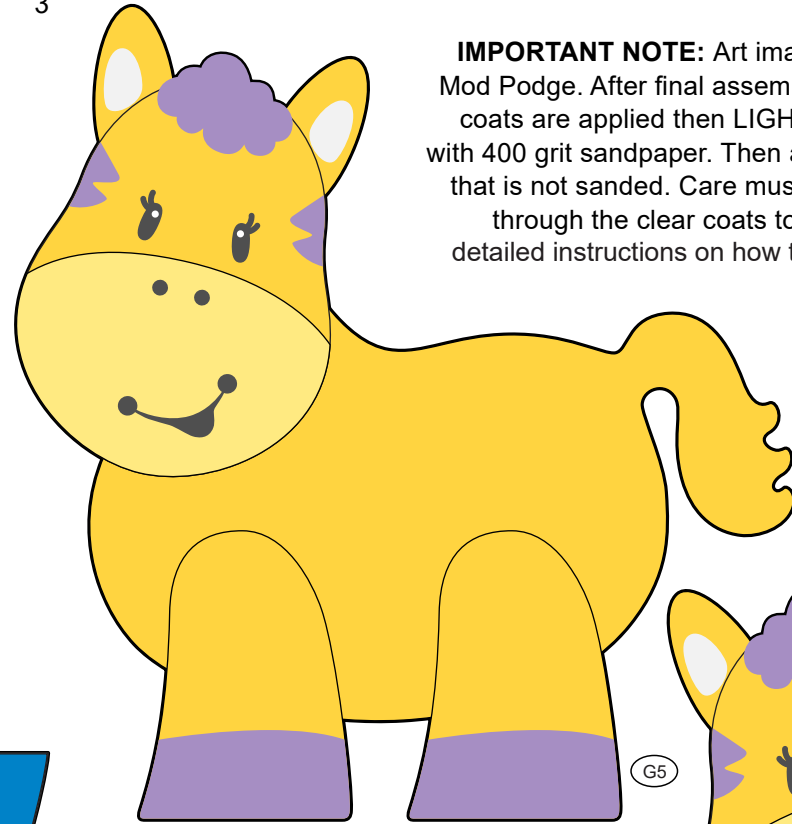




ACTUAL SIZE

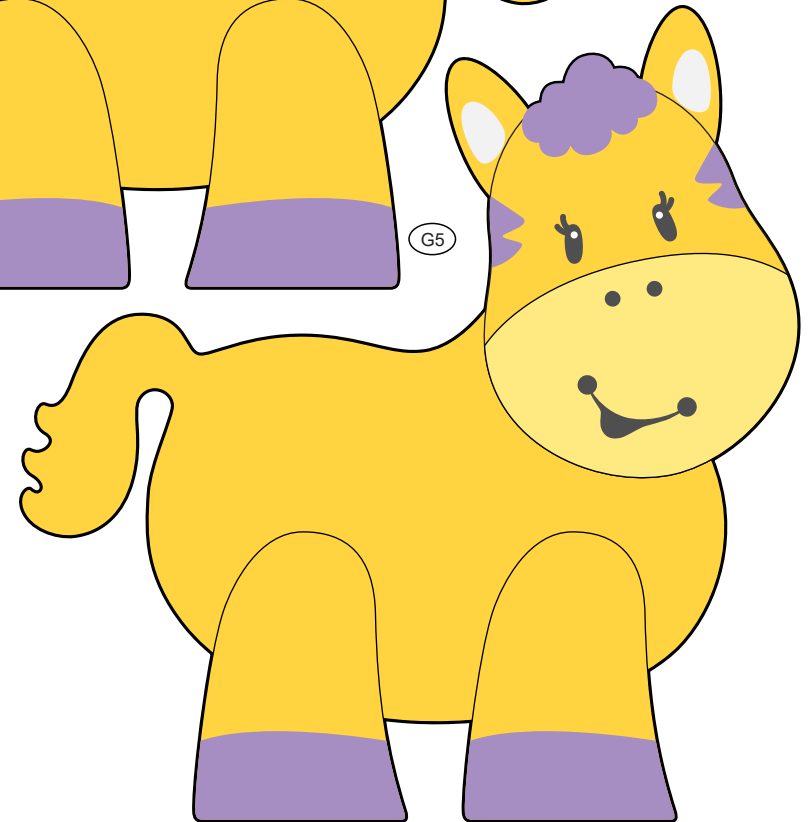
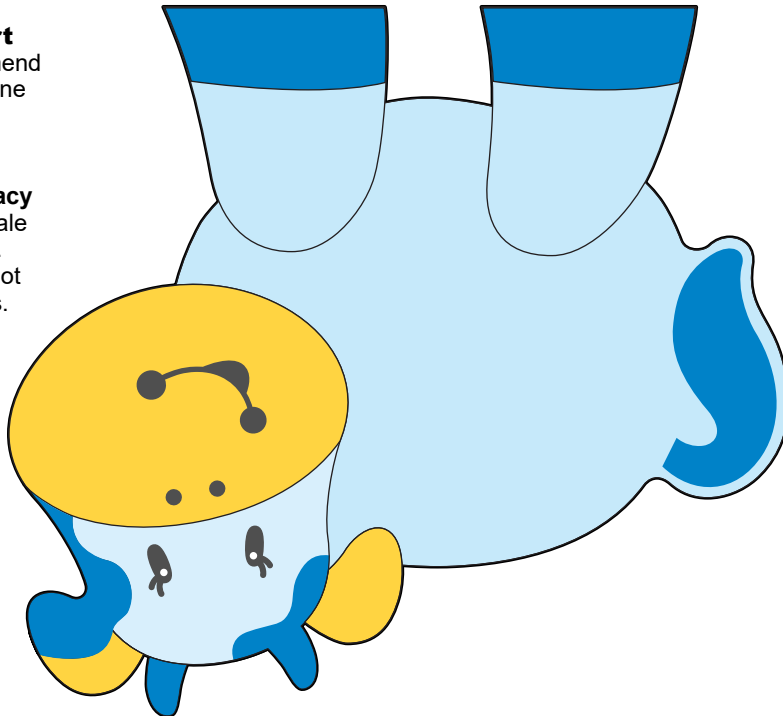


FULL-SIZE
ART IMAGES



IMPORTANT NOTE: Art images are applied using Mod Podge. After final assembly polyurethane clear coats are applied then LIGHTLY sanded when dry with 400 grit sandpaper. Then a finish coat is applied that is not sanded. Care must be taken to not sand through the clear coats to the paper image. For detailed instructions on how to use Mod Podge see Page 2.

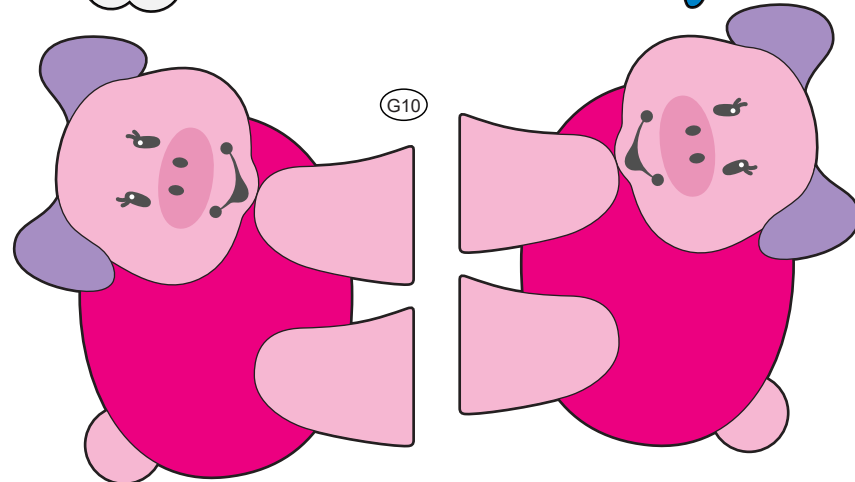
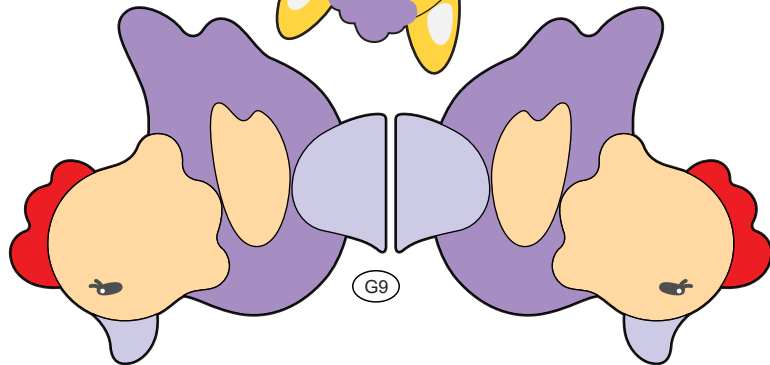
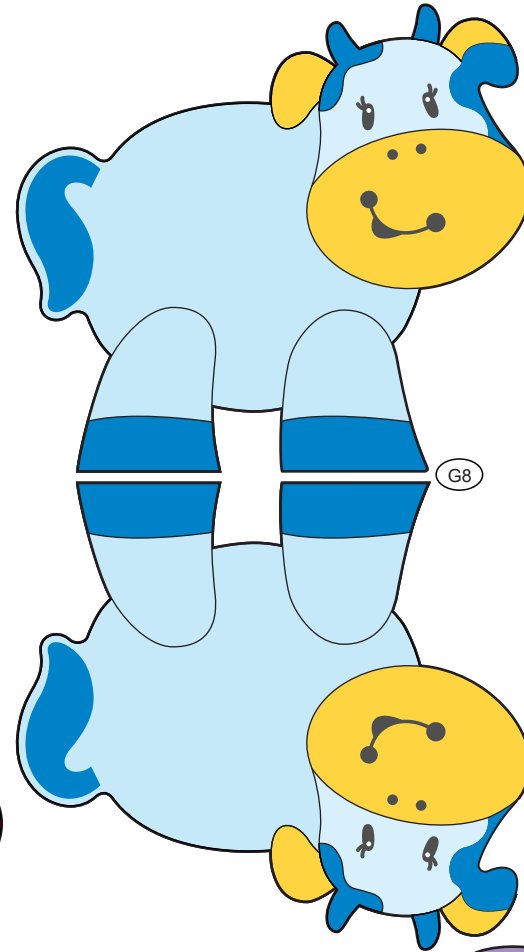
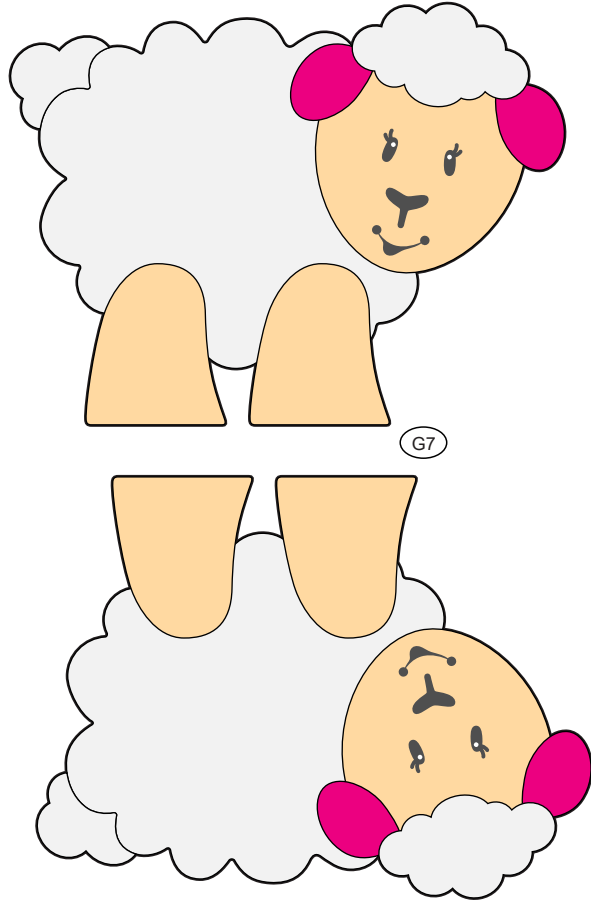
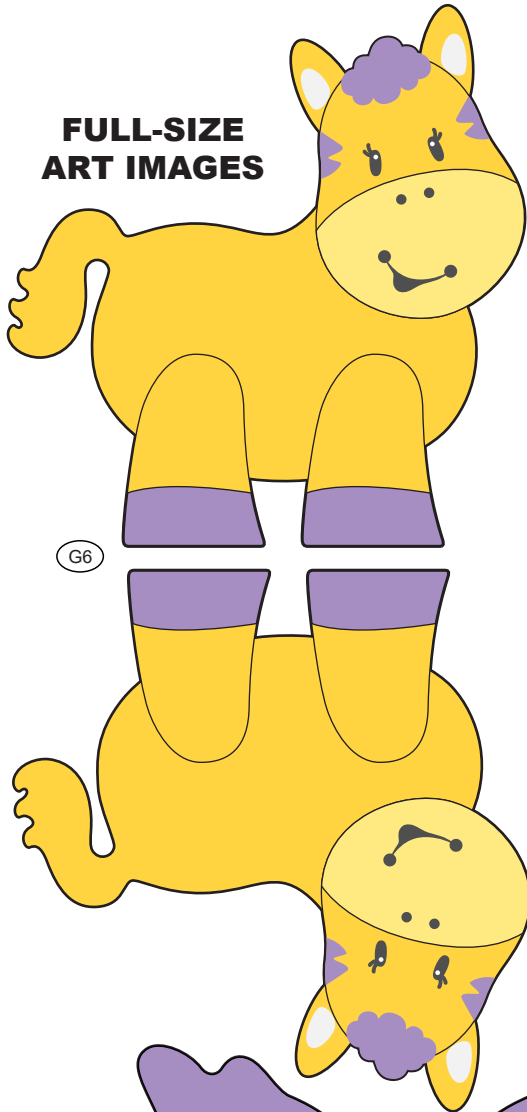
Patterns and Image Art are full-size. We recommend first printing a single black line pattern page as a test print to insure your printer is set to print 100%. **Check your printer printed size accuracy** by measuring the printer scale on each pattern with a ruler. If printed size of pattern is not 100% adjust printer settings.



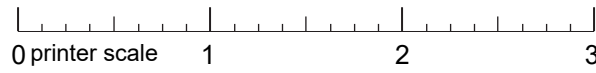


ACTUAL SIZE

FULL-SIZE
ART IMAGES



IMPORTANT NOTE: Art images are applied using Mod Podge. After final assembly polyurethane clear coats are applied then LIGHTLY sanded when dry with 400 grit sandpaper. Then a finish coat is applied that is not sanded. Care must be taken to not sand through the clear coats to the paper image. For detailed instructions on how to use Mod Podge see Page 2.



ACTUAL SIZE

**FULL-SIZE
ART IMAGES**

IMPORTANT NOTE: Art images are applied using Mod Podge. After final assembly polyurethane clear coats are applied then LIGHTLY sanded when dry with 400 grit sandpaper. Then a finish coat is applied that is not sanded. Care must be taken to not sand through the clear coats to the paper image. For detailed instructions on how to use Mod Podge see Page 2.

