

# **2005 QUICK-SET® BLIND**

(U.S. Patent 5,458,079)

QS14/16<sup>TM</sup> (Fits 14' to 16' Boats)

# **DIRECTIONS FOR ASSEMBLY**

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# **INTRODUCTION**

Avery® introduced the Quick-Set® Blind in 1994, and over 20,000 units have been sold worldwide since then. Why is the Quick-Set the most popular boat blind ever produced?

- 1) It fits almost any boat. The Quick-Set is designed to fit standard duck boats right out of the box. Over the years, a variety of accessories have been developed to adapt the Quick-Set to almost any boat set-up.
- 2) It is effective in the field. When properly installed and used, the Quick-Set will hide boats up to 20' in length.
- 3) It is portable. The Quick-Set can go anywhere your boat can go. It can be hauled at any speed and for any distance without affecting its performance.
- 4) It is cost effective. There is no other boat blind, either mass produced or home-made, that offers the design features, quality, and performance at such an attractive price.

Although the Directions for Assembly that follow are very detailed, we ask that you use reasonable judgment while assembling your Quick-Set. Many of the width and length measurements described in Step 3 can be made by simply "eyeballing" the parts, but we have listed the measurement formulas to allow exact measurements if you desire. Complete set-up and installation should take less than two hours for boats without special circumstances, and we recommend that you ask at least one person to help.

Remember that a Quick-Set Blind mounted on your boat is only 85% complete. To achieve 100% effectiveness from the Quick-Set, you must be willing to customize it to your boat as well as the actual hunting conditions. There are endless ways to make your boat & blind more effective so we encourage you to try any ideas you might have. Good luck!

# **BEFORE GETTING STARTED**

- 1. Read through the **DIRECTIONS FOR ASSEMBLY** and familiarize yourself with the drawings at least once before beginning so that important steps are not overlooked during the assembly process.
- 2. Mount the motor that you will use on the boat, lean it forward and lock it in the travel position. This step prevents you from mounting the blind in a position that inhibits motor movement.
- 3. Assemble all tools (listed below under **REQUIRED TOOLS**) before beginning the installation.
- 4. Review the separate **MASTER DIAGRAM** and check the contents of the **PARTS LIST** and **HARDWARE BAG** to confirm that all parts and components have been included in the package.
- 5. Always wear eye and hand protection when operating power equipment.
- 6. We recommend that you include at least one additional person for assistance.
- 7. The Quick-Set frame can be mounted to most boats in under two hours, but we recommend that you allow up to four hours for proper installation. Boats with special circumstances might require longer.
- 8. Should you have installation questions, feel free to contact the Avery® Customer Service Department at 800/333-5119 Monday through Friday between 8:00 am and 5:00pm CST. For installation questions after normal business hours, call 800/333-5119, wait for the recorded menu and select "1" and leave your name, daytime and nighttime phone numbers and the nature of your problem. Your call will be returned by a technician as soon as possible.

## **REQUIRED TOOLS**

- 1. Measuring tape (15' minimum is recommended)
- 2. Power drill
- 3. 7/16" open-end wrench
- 4. 7/16" ratchet-style wrench
- 5. 9/16" wrench
- 6. Electrical tape
- 7. Hack saw
- 8. RivNut Setting Tool (included in Hardware Kit bag)
- 9. 1/4" drill bit (included in Hardware Kit bag)
- 10. 3/8" drill bit (included in Hardware Kit bag)
- 11. 5/32" drill bit (included in Hardware Kit bag)

# **DIRECTIONS FOR ASSEMBLY**

## Step 1 – Connecting the Leg Assemblies to the Frame Corner Tubes

Refer to Drawings 1 and 2 for the steps below.

- a. Insert the Front Frame Corner Tubes (#1) and the Rear Frame Corner Tubes (#3) into the Leg Assembly Clips. Slide the Leg Assembly Clips onto the corner tubes to approximately 6" from the bend.
- b. The Set Screw hole on the short end of each Corner Tube must be facing up.
- c. Slide one Sound Stopper Pad (#5) onto the bend of each Corner Tube.
- d. To prevent the leg from unfolding during installation, wrap electrical tape around the folded Leg Assembly and Corner Tube.



## **Step 2 – Frame Configurations**

The Frame Configurations below and at the top of page 4 show ideal blind configurations and placements in each style of boat. Locate the drawing that most closely resembles your boat.







Using the drawings below as a guide, place the Front and Rear Corner Tubes (with Leg Assemblies attached) in the front and rear areas of your boat.



- 1. Position each Base Plate directly across from each other as indicated by the dotted lines in Drawing 3 below.
- 2. Position all Base Plates as close to the wall of the boat as possible as shown in Drawing 3 below.
- 3. The long end of each Rear Frame Corner Tube should be in a direct line with the long end of each Front Frame Corner Tube and the short end of each Front and Rear Frame Corner Tube should be in direct lines across from each other as indicated by the dotted lines in Drawing 3. In other words, all opposite parts should be pointing directly toward each other.
- 4. With all four Corner Tube/Leg Assemblies placed in the boat, make sure the D-Ring on each Base Plate is facing the wall of the boat. You might have to remove one or more of the D-Rings and re-install them to face the correct direction. It is important that the D-Rings face the walls of the boat as this simplifies frame removal if desired (refer to Drawing 1 on page 3).



## Step 3 – Determining Frame Widths and Length

#### A. Determining Front Frame Rail Width

With the front Base Plates positioned where they will be mounted, refer to the Frame Configuration drawings in step 2 (pages 3 and 4) and measure the distance between A & B to determine the desired overall front frame width.

### If the distance between A & B is greater than or equal to 41" but less than 55.5":

- a. Subtract the desired front frame width measurement from 55.5" and cut this amount of tubing from the female end of Front Frame Rail-2 (#12). For example, if the desired distance between A & B is 48", you will subtract 48 from 55.5 to get 7.5. You will cut 7.5" from the female end of Front Frame Rail-2.
- b. Connect Front Frame Rail-1 (#11) and Front Frame Rail-2 to create the complete Front Frame Rail.

#### If the distance between A & B is greater than or equal to 37" but less than 41":

- a. Cut 2" from the female end (the short end) of each Front Frame Corner Tube (#1).
- b. Determine the desired overall front frame width (the distance between A & B). Subtract this measurement from 51.5" and cut this amount of tubing from the female end of Front Frame Rail-2 (#12). For example, if the desired

distance between A & B is 38", you will subtract 38 from 51.5 to get 13.5. You will cut 13.5" from the female end of Front Frame Rail-2.

c. Connect Front Frame Rail-1 (#11) and Front Frame Rail-2 to create the complete Front Frame Rail.

# The Front Frame Corner Tubes (#1) and the Front Frame Rail-1 (#11) can be connected to create a front frame width of 36". In the rare case that the distance between A & B is less than 36":

- a. Determine the desired overall front frame width (the distance between A & B). Subtract this measurement from 36" and divide that number by 2. You then cut this amount of tubing from the female end (the short end) of each Front Frame Corner Tube (#1). For example, if the desired distance between C & D is 32", you will subtract 32 from 36 to get 4 and then divide 4 by 2 to get 2. You will cut 2" from the short end of each Front Frame Corner Tube.
- b. Use Front Frame Rail-1 (#11) to connect the Front Frame Corner Tubes.

Note: The Set Screw holes on all tubing must be facing up. If the directions require cutting tubing that includes a Set Screw hole, use the 5/32" bit to drill a new Set Screw hole 2-1/4" from the cut end.

#### **B. Determining Rear Frame Rail Width**

With the rear Base Plates positioned where they will be mounted, refer to the Frame Configuration drawings in step 2 (pages 3 and 4) and measure the distance between C & D to determine the desired overall rear frame width.

#### If the distance between C & D is greater than or equal to 46" but less than 64.75":

- a. Subtract the desired rear frame width measurement from 64.75" and cut this amount of tubing from the female end of Rear Frame Rail-2 (#14). For example, if the desired distance between C & D is 60", you will subtract 60 from 64.75 to get 4.75. You will cut 4.75" from the female end of Rear Frame Rail-2.
- b. Connect Rear Frame Rail-1 (#13) and Rear Frame Rail-2 to create the complete Rear Frame Rail.

#### If the distance between C & D is greater than or equal to 40" but less than 46":

- a. Cut 2" from the short end of each Rear Frame Corner Tube (#3).
- b. Subtract the desired rear frame width measurement from 60.75" and cut this amount of tubing from the female end of Rear Frame Rail-2 (#14). For example, if the desired distance between C & D is 44", you will subtract 44 from 60.75 to get 16.75. You will cut 16.75" from the female end of Rear Frame Rail-2.
- c. Connect Rear Frame Rail-1 (#13) and Rear Frame Rail-2 to create the Rear Frame Rail.

Note 1: The Set Screw holes on all tubing must be facing up. If the directions require cutting tubing that includes a Set Screw hole, use the 5/32" bit to drill a new Set Screw hole 2-1/4" from the cut end.

Note 2: To avoid injury to the driver's hand, the Rear Frame Rail must be positioned so that it does not come in contact with the outboard motor's throttle/hand grip should the motor be thrust forward during operation. There is no problem caused by the tiller handle coming in contact with the Rear Frame Rail, but the point of contact cannot be with the throttle/hand grip.

Note 3: The Rear Frame Rail must be positioned so that it does not interfere with the outboard motor when it is tilted forward for travel.

Note 4: If your boat has a long shaft mud-style motor (not a "surface drive" mud-style motor), downward movement of the steering handle might be impeded by the Rear Frame Rail. In this case, you might need a Quick-Set® Mud Motor Conversion Kit. Call Avery® Customer Service should you have any questions about the Mud Motor Conversion Kit.

#### C. Determining Side Frame Rail Lengths

With all four Base Plates positioned where they will be mounted, refer to the Frame Configuration drawings in step 2 (pages 3 and 4) and measure the distance between A & C and B & D to determine the desired overall frame length. (Note: A-C should be the same as B-D).

#### If the distances between A & C and B & D are greater than or equal to 142" but 1ess than 168":

- a. Subtract the desired side frame rail length measurement from 168" and cut this amount of tubing from the female ends of two Side Frame Rail Sections (#6). For example, if the desired distance between A & C and B & D is 150", you will subtract 150 from 168 to get 18. You will cut 18" from the female ends of two Side Frame Rail Sections.
- b. Connect two uncut Side Frame Rail Sections and one newly cut Side Frame Rail Section to create a complete Side Frame Rail. Repeat this procedure to create the second complete Side Frame Rail.

#### If the distances between A & C and B & D are greater than or equal to 136" but 1ess than 142":

a. Subtract this measurement from 168" and divide that number by 2. Cut this amount of tubing from the female ends of four Side Frame Rail Sections (#6). For example, if the desired distance between A & C and B & D is 140", you will subtract 140 from 168 to get 28. Divide 28 by 2 to get 14. Cut 14" from the female end of four Side Frame Rail Sections.

**b.** To create a complete Side Frame Rail, connect two newly cut Side Frame Rail Sections to one uncut Side Frame Rail Section. Repeat this procedure to create the second complete Side Frame Rail.

#### If the distances between A & C and B & D are less than 135":

- a. Determine the desired blind frame length (the distance between A & C and B & D). Subtract this measurement from 135" and cut this amount of tubing from the female end of two Side Frame Rail Sections (#6). For example, if your desired distance between A & C and B & D is 120", you will subtract 120 from 135 to get 15. Simply cut 15" from the female end of two Side Frame Rail Sections.
- b. To create a complete Side Frame Rail, connect one (1) uncut Side Frame Rail Sections and one cut Side Frame Rail Section. Repeat this procedure to create the second complete Side Frame Rail.

Note: The Set Screw holes on all tubing must be facing up. If the directions require cutting tubing that includes a Set Screw hole, use the 5/32" bit to drill a new Set Screw hole 2-1/4" from the cut end.

## Step 4 – Assembling the Frame

For simple frame assembly, we recommend that you assemble the frame on the ground and place it in the boat after all the parts are connected. Making sure that all Set Screw holes are facing up, follow these simple steps:

1. Assemble the Front Frame Rail. The completed Front Frame Rail requires 2 Ball Snuggers (#8) and 2 FlipTop Hinge Clips (#10) as shown in the drawing below. The FlipTop Hinge Clips' round holes must be facing to the outside of the boat.



2. Assemble the Rear Frame Rail. The completed Rear Frame Rail requires 4 Ball Snuggers (#8) and 2 FlipTop Hinge Clips (#10) as shown in the drawing below. The FlipTop Hinge Clips' round holes must be facing to the outside of the boat.



3. Assemble both Side Frame Rails. Each completed Side Frame Rail requires 2 SoundStoppers (#5), 3 TopStraps (#4), 4 Ball Snuggers (#8), 1 Frame Stabilizer Leg Clip (#7) and 1 Frame Stabilizer Leg (#9) as shown in the drawing below. The round holes on the Frame Stabilizer Leg hinge clips must be facing to the outside of the boat.



- 4. Insert the male end of each Front Corner Tube securely into the female end of each completed Side Frame Rail.
- 5. Insert the male end of each completed Side Frame Rail securely into the female end of each Rear Corner Tube.
- 6. Insert the male ends of the completed Front Frame Rail securely into the female end of each Front Corner Tube.
- 7. Insert the male ends of the completed Rear Frame Rail securely into the female end of each Rear Corner Tube.

Note: Make sure all Set Screw holes are facing up.

## **Step 5 – RivNut Installation**

If you assembled the frame on the ground, you will now place it in the boat. The front Leg Assembly Clips must be directly across from each other, and the rear Leg Assembly Clips must be directly across from each other. The entire frame must be in

the exact position that you want it mounted permanently. If there is carpet on the mounting surface, see #4 in **TROUBLE-SHOOTING** on page 14. If there is not a sufficient mounting surface to install RivNuts, see #2 and #5 on page 14.

## **Drilling the RivNut Holes**

- 1. With each folded Leg Assembly lined up directly underneath the Side Rails, position the Base Plates exactly where you want to install them. Refer to Drawing 3 on page 5 for ideal Base Plate mounting positions.
- 2. Using the 1/4" drill bit that has been provided, carefully drill a guide hole through one of the holes in any Base Plate and drill into the mounting surface. After drilling the guide hole, place a 3/4" bolt in the Base Plate hole to secure the Base Plate in position as you continue drilling more guide holes.
- 3. Repeat this procedure until all 16 guide holes are drilled.
- 4. Remove the 3/4" bolts from the Base Plates, remove the frame from the boat and set it on the ground.
- 5. Using the 3/8" drill bit that has been provided, carefully drill straight down through each guide hole.

#### Setting the RivNuts

- 1. Thread a RivNut onto the Setting Tool Bolt (the bottom of the RivNut Setting Tool has a small lip). See Figure 1 below.
- 2. Insert the RivNut into a 3/8" hole. See Figure 2 below.
- 3. While holding the RivNut Setting Tool in place with a 9/16" wrench, tighten the Setting Bolt clockwise with a 7/16" wrench until it is snug. Do not over-tighten! See Figure 3 below.
- 4. Repeat these steps until all of the RivNuts are set. See Figure 4 below.

Note: If a RivNut spins when you attempt to install a bolt, you will have to remove it and replace it. To remove it, simply drill directly into the center of it with the 3/8" bit until it removes itself from the hole.



## **Step 6 – Attaching the Frame**

- 1. Place the frame back onto the boat and position the Base Plates over the corresponding RivNuts. Use 3/4" bolts to secure the Base Plates to the RivNuts.
- 2. Do not use a power tool/impact wrench to secure the 3/4" bolts into the RivNuts! Over-tightening these bolts can damage the RivNuts by stripping the threads. Hand-tighten each bolt until you feel resistance.

## Step 7 – Securing the Leg Assemblies to the Frame

- 1. Place the blind in the down position. This is absolutely necessary!
- 2. Make sure that all male/female part connections are connected as tightly as possible.
- 3. Using the 1/4" bit, drill through one of the two square holes on a Leg Assembly Clip (see the drawing below). It is very important that you drill from the inside of the boat toward the outside.
- 4. Insert a 1-1/2" bolt through the square hole in the Leg Assembly Clip and secure it with a lock nut. Reminder: You will use only one of the two square holes per Leg Assembly.
- 5. Repeat steps 3 & 4 above for the remaining three Leg Assemblies.
- 6. Now that the Leg Assemblies are attached to the frame, you can cut the tape from each leg and raise the blind.



## **Step 8 – Securing the Set Screws**

At this point, you have secured all components of the main frame so the Set Screws should be installed in all Set Screw holes located along the top of the frame. With the blind in the down position, use a Philips head drill attachment to install these screws. All male/female connections should be secured with Set Screws when you are finished.

## Step 9 – Assembling, Installing and Using the FlipTops

#### Assembling the FlipTops

The FlipTop Rails are assembled with the same steps used to assemble the Side Frame Rails in Step 3c. You will simply make the same cuts and connect the FlipTop Side Rails to create two complete FlipTop Rails.

- 1. Feed each complete FlipTop Rail through the loops of the 3 TopStraps that are attached to each Side Frame Rail.
- 2. Connect each male end of the Front FlipTop Corner Tubes to each female end of the completed FlipTop Frame Rails.
- 3. Connect each female end of the Rear FlipTop Corner Tubes to each male end of the completed FlipTop Frame Rails.
- 4. Place each completed FlipTop directly on top of the blind frame and line up each FlipTop Hinge Clip with the hinge hole in the short end of each Front and Rear FlipTop Corner Tube.
- 5. Secure each FlipTop to the FlipTop Hinge Clip with a 1-1/2" bolt and lock nut. Insert the bolts into the square holes on the FlipTop Hinge Clips from the inside of the boat.

## Attaching the FlipTop Hinge Clips to the Front and Rear Frame Rails

With the blind down, position the FlipTops directly on top of the blind frame, use the \_" bit to drill through the square on the bottom of each FlipTop Hinge Clip.

- 1. For permanent FlipTop attachment, insert 1-1/2" bolts into the square holes from the inside of the boat and secure with lock nuts.
- 2. For semi-permanent attachment, use the D-Rings to secure the FlipTop Hinge Clips to the frame. This is the method that must be used if you want to slide-adjust the FlipTops inward to eliminate any overhead gap when hunting (see "Closing the Gap Between the FlipTops" at the bottom of page 9).

#### **Positioning the FlipTops for Hunting**

- 1. Sit in the boat on the seat or surface from which you will actually hunt.
- 2. Raise the FlipTops and position them at angles that do not exceed 45° as shown in Drawing 4 below. The position of the FlipTops should be comfortable for you and should not interfere with your ability to hunt effectively, but we recommend that you place all emphasis on creating the lowest profile blind as possible.
- 3. When you have achieved the ideal FlipTop angles, tighten all TopStraps to hold the FlipTops at these desired angles. Make sure to space the TopStraps evenly along the frame for maximum support of the FlipTops.



#### **Closing the Gap Between the FlipTops**

Most boats are wider in the rear than in the front causing Quick-Set frames to be wider in the rear than in the front. This width difference can cause a rear overhead gap between the FlipTops when they are raised to the hunting position.

A tight tolerance between the FlipTop Hinge Clips and the Front and Rear Frame Rails makes permanent bolting of the FlipTop Hinge Clips optional. We recommend using the four D-Rings (provided in the Hardware Kit) to secure the FlipTop Hinge Clips to the Front and Rear Frame Rails as this allows slide-adjustment of the FlipTops if desired.

Drawing 5 below shows that the FlipTop Hinge Clips can be slide-adjusted inward along the Front and Rear Frame Rails to close any overhead gap. To close the overhead gap between the FlipTops:

- 1. Raise the FlipTops to the hunting position as shown in Drawing 5.
- 2. Lengthen the TopStraps by adjusting the plastic tri-glide buckles to allow the FlipTops to slide inward.
- 3. Slide the FlipTop Hinge Clips inward equal distances until you reach the desired FlipTop positions.
- 4. Tighten the TopStraps to hold the FlipTops in their hunting positions.



## **Step 10 - Operating the Frame**

#### **Raising the Frame**

- 1. Place the FlipTops in the down position.
- 2. Raise one end of the blind allowing the LegLockers to secure both Leg Assemblies as shown in Drawing 6 below.
- 3. With both Leg Assemblies on one end locked in place, raise the opposite end of the blind allowing the LegLockers to secure the remaining two Leg Assemblies.

#### Lowering the Frame

- 1. Place the FlipTops in the down position.
- 2. While holding the Frame Rail with one hand, slide the LegLockers up with your other hand thus separating the Leg Assemblies and allowing them to fold down. See Drawing 6 for an illustrated view of the Leg Assembly and how the LegLocker works. Make sure you keep a firm grip on the Frame Rail to prevent the frame from collapsing abruptly.
- 3. Repeat Step 2 above with the opposite end of the blind.



## Step 11 – Setting the Frame Stabilizer Legs

- 1. With the blind in the up position, unlock a Frame Stabilizer Leg (#9) by twisting the lower section clockwise until it slides freely.
- 2. Allow the lower leg section to swing down to stand at a  $90^{\circ}$  angle with the floor.
- 3. Pull up slightly on the Frame Rail to create a 1" arch in the frame and lock the Frame Stabilizer Leg into place by twisting the lower leg section counterclockwise until it is snug. The 1" arch in the frame forces the frame to rest fully on the legs without moving and provides maximum stability.
- 4. Repeat these steps with the remaining Frame Stabilizer Leg.
- 5. Once the Frame Stabilizer Legs have been set to the correct height, you should not need to adjust them.

# **CUSTOMIZING THE QUICK-SET®**

## **Attaching WindBlockers to the Frame**

- 1. Raise the FlipTops so they are not in your way while you are attaching the WindBlocker.
- 2. To install the right side WindBlocker, you will attach the first hook & loop fastener around the Front Frame Rail to the left of the left front FlipTop Hinge Clip (this will prevent the WindBlocker from sliding back to the right as you pull it taught in #3 below).
- 3. Pull the WindBlocker taught against the left front FlipTop Hinge Clip and attach the next hook & loop fastener to the frame.
- 4. Continue this process until all hook & loop fasteners have been secured across the right side of the Front Frame Rail, along the right Side Frame Rail and across the right side of the Rear Frame Rail.
- 5. Do not secure any hook & loop fasteners past the left rear FlipTop Hinge Clip. In rare cases where the WindBlocker is long enough to reach this far, you will secure all remaining hook & loop fasteners on the right side of the left rear FlipTop Hinge Clip. This will allow you to access the motor with the blind in the up position.
- 6. To install the left WindBlocker, simply follow steps 2-5 above but begin on the right inside of the right front FlipTop Hinge Clip and work to the left.

## Attaching CamoNets to the Blind

- 1. Place the FlipTops in the down position.
- 2. To install the right side CamoNet, you will attach the first hook & loop fastener around the Front Frame Rail to the left of the left front FlipTop Hinge Clip (this will prevent the CamoNet from sliding back to the right as you pull it taught in #3 below).
- 3. Pull the CamoNet taught against the left front FlipTop Hinge Clip and attach the next hook & loop fastener to the frame or to the FlipTop (whichever comes first).
- 4. Continue attaching the hook & loop fasteners to the right FlipTop until you reach the Rear Frame Rail.
- 5. Attach the remaining hook & loop fasteners to the Rear Frame Rail but do not attach them to the left of the left rear FlipTop Hinge Clip.
- 6. To install the left CamoNet, simply follow steps 2-5 above but begin on the right inside of the right front FlipTop Hinge Clip and work to the left.

Note: Make sure to roll the CamoNets inward on the FlipTops so that there is no bare aluminum tubing visible when the FlipTops are raised to the hunting position.

## Attaching the CamoNets to the Side Frame Rails

**This step is very important!** You must attach the CamoNets to the Side Frame Rail to prevent the bottom edges of the CamoNets from dipping into the water when the FlipTops are lowered with the blind in the up position (when shooting, for example). Follow these simple instructions:

- 1. Raise the blind.
- 2. Raise the FlipTops and position them where they will be when you are hunting (remember to slide the FlipTop Hinge Clips inward to close any overhead gap if desired).
- 3. With the CamoNet taught between the FlipTop and the frame (not sagging), use 6" black plastic cable ties to secure the CamoNet to the Side Frame Rails as shown in Drawing 7.
- 4. Insert a cable tie through the CamoNet just above the frame and wrap it around the tubing before bringing it back through the CamoNet just under the frame. Secure the cable tie tightly against the frame. We recommend not cutting the excess cable tie as this leaves a very sharp edge that can cause injury.
- 5. Use 4-5 cable ties evenly spaced along each Side Frame Rail.

Drawing 7



This image is shown from inside the blind to offer a clear view of the desired result.

## Attaching CamoNets to WindBlockers

We recommend attaching the CamoNets to the WindBlockers to prevent wind gusts from blowing the WindBlockers into the boat. Follow the instructions below and refer to Drawing 8:

- 1. Raise the blind.
- 2. Raise the FlipTops to the hunting position (remember to slide the FlipTop Hinge Clips inward to close any overhead gap if desired).
- 3. With the WindBlockers hanging on the outside of the boat, allow the CamoNets to hang naturally against them. The bottom edge of the WindBlockers will most likely hang several inches below the bottom edges of the CamoNets.
- 4. Beginning at the center on either side of the blind, use a small knife to make a 1/4" wide incision through the CamoNet and WindBlocker at the same time. This incision should be made just above the binding that is sewn along the bottom edge of the CamoNet.
- 5. Make another 1/4" incision in the WindBlocker just below the bottom edge of the CamoNet. This incision should be approximately 3/4" directly below the original incision in the CamoNet/WindBlocker.
- 6. Feed a small black plastic cable tie through the incision in the CamoNet. Then feed the cable tie through the top incision in the WindBlocker and back through the bottom incision in the WindBlocker.
- 7. Secure the cable tie but do not tighten it fully. Leave a small space to allow the CamoNet drawstrings to move freely.
- 8. Repeat the steps above until you have secured the bottom of the CamoNet to the WindBlocker in at least 4 places that are evenly spaced along the length of the side.
- 9. Repeat all of the steps above on the opposite side CamoNet/WindBlocker.



# CARE AND STORAGE OF THE QUICK-SET®

## **Care of CamoNets and WindBlockers**

- 1. CamoNets and WindBlockers should always be kept in the boat and out of the water to avoid freezing.
- 2. For longest life of CamoNets and WindBlockers, we recommend that you dry them thoroughly before storing them. This can be done quickly and easily by raising the blind and FlipTops to the hunting position and allowing the fabric to air dry.
- 3. If you store your boat outside, we recommend that you cover the boat and blind with a waterproof boat cover. This will keep the CamoNets and WindBlockers dry allowing easier set-up in freezing temperatures.
- 4. We recommend that you dry the CamoNets and WindBlockers thoroughly and remove them from the frame completely when the season is over. Fold them, place them in an air-tight plastic bag and store them in a cool, dry place.

## Preparing the Quick-Set® for Traveling

- 1. Before traveling, lower the blind and roll the CamoNets tightly inside the WindBlockers and secure the rolled fabric to the frame using the Ball Snuggers. Secure each folded Leg Assembly with a Ball Snugger to prevent the frame from bouncing on bumpy roads, etc.
- 2. We recommend the use of a boat cover when traveling with the Quick-Set® as you never know what weather you will encounter. Keeping the blind dry will add to your success!

Note: It is always recommended that you dry the CamoNets and WindBlockers thoroughly before rolling them up as described in step 1 above. If this is not possible, make sure you unroll them and allow them to dry as soon as you reach your destination.

## **Removing the Quick-Set from Your Boat**

### There are two methods for removing the frame from your boat:

- 1. Remove the D-Rings from the Base Plates, lift the frame from the boat leaving the Base Plates attached. This method allows for quick and simple re-installation. We recommend that you attach the D-Rings to the frame as this will guarantee that they will not be misplaced.
- 2. For complete removal of the frame including the Base Plates, simply remove the 16 bolts that secure the Base Plates to the boat. To protect the RivNuts' threads and to prevent the loss of the bolts, we recommend that you screw the bolts back into the RivNuts after the Base Plates have been removed.

# TROUBLESHOOTING

Refer to this section to find answers to problems you might encounter during installation.

- 1. There is a trolling motor mounted to the boat where the frame will rest in the down position. Many hunters use their trolling motors to power the boat when picking up decoys so we recommend that you leave your trolling motor mounted to the boat when installing the blind. To do this you will raise the motor and lock it in place as if the propeller were completely out of the water. Mount the blind as desired. Once the blind is installed, fold the trolling motor back down over the frame and secure it with an elastic stretch cord. When you want to raise the blind, simply raise the trolling motor, lock it in place with the propeller well out of the water and raise the blind.
- 2. There is not a sufficient mounting surface in the boat. This problem can be solved very easily with Quick-Set® Mounting Brackets. These two-piece aluminum brackets are adjustable to fit any boat, and they mount to the inside wall so that the Base Plates can be attached. If your boat does not have a sufficient mounting surface or if you would like to mount your blind higher than the surface allows, you can call Avery® Customer Service to order these parts.
- 3. The boat has a steering console. Boats with steering consoles can cause problems when mounting the frame. The closer the console is to the boat's wall, the more complex the problem. If your boat has a steering console that is causing problems with installation, call Avery® Customer Service. You might be asked to provide digital photos of your boat and console from several angles so please be prepared.
- 4. **Installing RivNuts into carpeted mounting surfaces.** If the mounting surface (usually the boat's deck) is carpeted, you must strip at least 1/8" of carpet and any underlying glue away from the edge of the 3/8" hole after it is drilled. A RivNut cannot be set properly in a hole that is drilled into a carpeted surface unless the area around the hole has been cleaned to expose 1/8" of raw aluminum around the outside edge of the hole. Remember that RivNuts must be crimped into bare aluminum.
- 5. The mounting surface is wood or fiberglass. Wood and fiberglass are poor mounting surfaces, and neither will accept RivNuts. If the mounting surface is wood or fiberglass, we recommend that you install Quick-Set® Mounting Brackets.

6. The Front FlipTop Hinge Clips are too close together to allow the FlipTops to rest at 45° angles. This occurs when the overall front frame width of your blind is less than 40". When this happens, the FlipTop Hinge Clips are 16" apart or closer which causes the FlipTops to meet before they can rest at the desired angles. To achieve 45° angles with the front FlipTops, you can slide the FlipTop Hinge Clips outward thus separating the FlipTops. To mount the front FlipTops permanently at 45° angles with bolts and lock nuts, you will have to cut equal amounts of tubing from the short end of each Front FlipTop Corner Tube until the FlipTops are able to rest at 45° angles. If you cut the tubing, you will use the 1/4" bit to drill new pivot holes in the Front FlipTop Corner Tubes (the center of these holes will be 1/2" from the end of the tubing).

If you encounter problems that are not addressed in this section, call Avery® Customer Service at 800/333-5119.

## **RULES FOR SAFE OPERATION OF YOUR QUICK-SET®**

- 1. Never travel with the blind in the up position.
- 2. Never operate the boat's motor with the blind in the up position.
- 3. Do not place guns or gear between the blind frame and the wall of the boat as the gear could fall in the water when the blind is raised.
- 4. Always maintain a firm grip on the frame with one hand when lowering the blind.
- 5. Raise and lower the blind one end at a time.
- 6. Keep the CamoNets and WindBlockers away from open flames and/or excessive heat.
- 7. Always secure the boat before raising the blind.
- 8. Never lean loaded firearms directly against the blind's frame. Always use the Quick-Set® Barrel Holder (supplied in the package) to secure your gun's barrel.