# Warning!

## Read Manual Prior to Installation and Use

**Follow all boating regulations while in use.**

**Respect other people and property.**

**The Rooster Boost may affect ride and handling while operating - use caution at all times.**

**Before operating your boat with the Rooster Boost with passengers, teach any person the potential dangers. Failure to do so may cause severe injury or death.**

**A jet of water will impair line of sight and visibility. Before performing maneuvers, slow down until spray no longer inhibits identification of potential hazards.**

**Use caution when pulling any persons on water skis, tubes, wakeboards, or any other device designed to be towed behind a boat.**

**The Rooster Boost produces a powerful jet of water of many gallons per second that could easily disorientate or inundate passengers being towed. This may cause severe injury or death. Children are especially susceptible to misuse of Rooster Boost while towing. Use of a spotter is recommended at all times.**

**Prior to any towing activity, test visibility conditions by towing an unmanned inflatable or rope at the desired length and speed.**

**If jet impedes visibility or would spray the passenger being towed, DO NOT proceed! If speed or conditions change and jet impedes visibility or sprays passenger, STOP Immediately! Always follow all recommendations of towable manufacturers. Always have a spotter! Always wear an approved life jacket!**

# Warning!

## Read Manual Prior to Installation and Use

**Operate in a safe area and be aware of your surroundings.**

**Do not use the Rooster Boost as a anchor point.**

**Do not jump off a moving vessel into the jet of water produced by the Rooster Boost.**

**Do not use the jet of water to propel objects.**

**Do not spray other boaters, people, wildlife, or property.**

**Do not spray bridges or other infrastructure.**

**Do not spray or operate in the vicinity of power lines.**

**Be aware of your surroundings and survey for any potential hazard before using the Rooster Boost.**

**Do not modify the Rooster Boost or use for any purpose other than intended.**

**Do not adjust the Rooster Boost while in motion.**

**Trim the Rooster Boost up before trailering, beaching, or navigating shallow water. Failure to do so can cause damage to the unit or boat.**

**Do not exceed speed ratings.**

**Inspect prior to each use.**

**Do not operate under the influence of drugs or alcohol**

## Operate at your own risk.

# Parts List
# Rooster Boost + Rooster Easy Mount Kit

1 Rooster Boost Bottom Assembly (A)
1 Rooster Boost Nozzle (B)
2 Rooster Boost Struts (C)
1 Height Adjustment Post (D)
2 Adjustment Brackets (E)
1 Extension Plate (F)
1 C-Bracket (G)

4 1/4 IN C Bracket Spacers (1)
2 1/2 IN C Bracket Washers (2)
2 M12 1.25 Thread Metric Motor Mount Nuts (3)*
2 1/2 IN-20 Thread Standard Size Motor Mount Nuts (3)*
2 M12 1.25 Stainless Thread Metric Motor Mount Nuts (3)*
2 1/2 IN-20 Stainless Thread Standard Size Motor Mount Nuts (3)*
2 1/2 1.75 IN Stainless Extension Bracket Bolts (4)
4 1/2 IN Stainless Extension Bracket Washers (5)
2 1/2 IN Stainless Steel Lock Nuts (6)
4 3/8 1.5 IN Stainless Adjustment Bracket Bolts (7)
2 3/8 2.25 IN Stainless Strut Bolts (8)
6 3/8 1 IN Stainless Rooster Boost Bottom Assembly Carriage Bolts (9)
14 3/8 Stainless Lock Nuts (10)
20 3/8 Stainless Washers (11)

2 Stainless Adjustment Pins (12)
1 Stainless 3/8 Eye Bolt (13)
1 Limiting Strap (14)
Stock Mounting Hardware (HW)

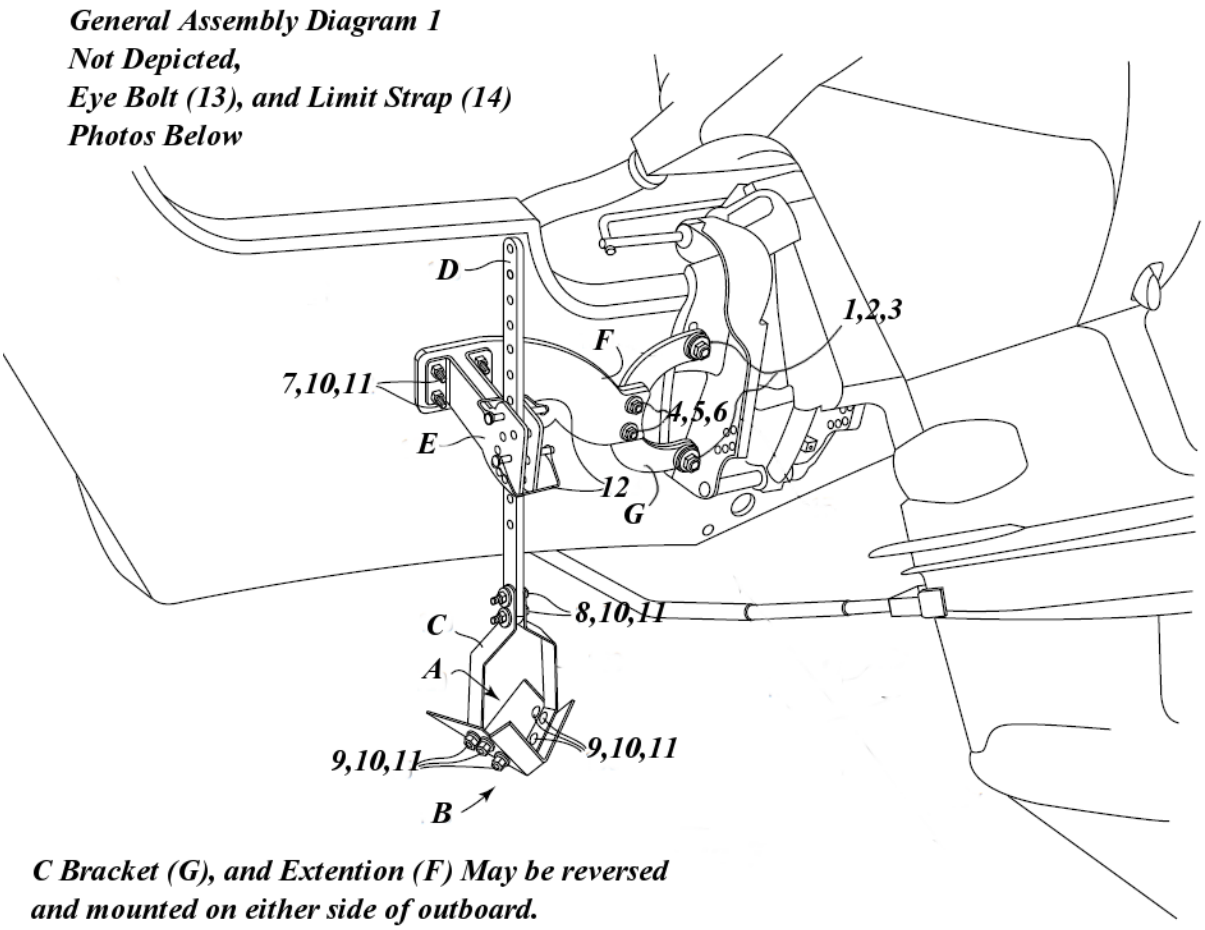
Extra 3/8 Nut and washer supplied.

*Both recommended sizes by OEM. The vast majority of outboards will use these sizes as Stock Hardware (HW). However, your boat's mounting hardware may differ.
** Since each boat is unique, additional hardware and spacers are available if needed for proper installation. More information is on our website - www.RoosterBoost.com

# Rooster Boost Standard Hard Mount Kit

1 Rooster Boost Bottom Assembly. (A)
1 Rooster Boost Nozzle (B)
2 Rooster Boost Struts (C)
1  Height Adjustment Post (D)
2 Adjustment Brackets (E)

4 3/8 3 IN  Stainless Adjustment Bracket Bolts (7)
2 3/8 2.25 IN Stainless Strut Bolts (8)
6 3/8 1 IN Stainless Bottom Assembly Carriage Bolts (9)
12 3/8 Stainless Lock Nuts (10)
18 3/8 Stainless Washers (11)
2 Adjustment Pins (12)
1 Drill Template (15)




# Rooster Boost + Rooster Easy Mount

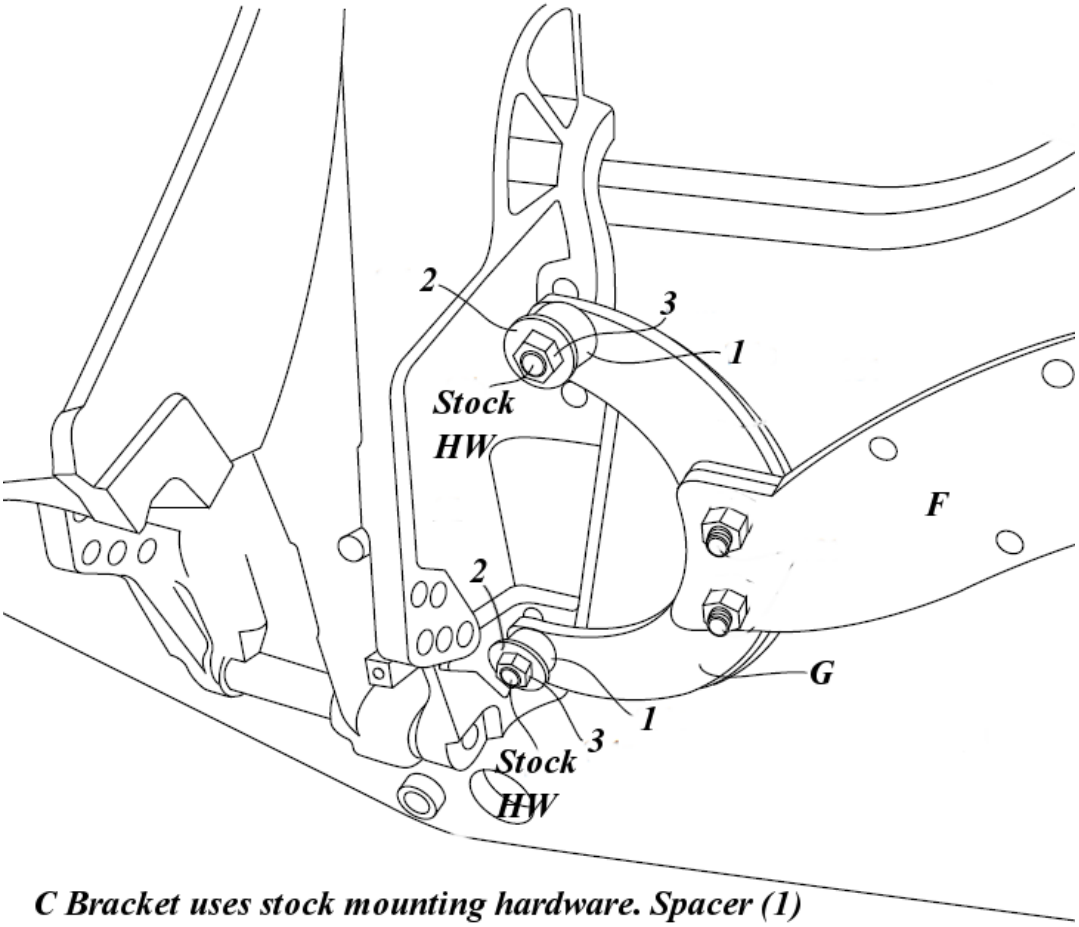
Recommended Tools

Two 9/16 or 14mm sockets/wrenches

Two 3/4 or 19 mm sockets/wrenches

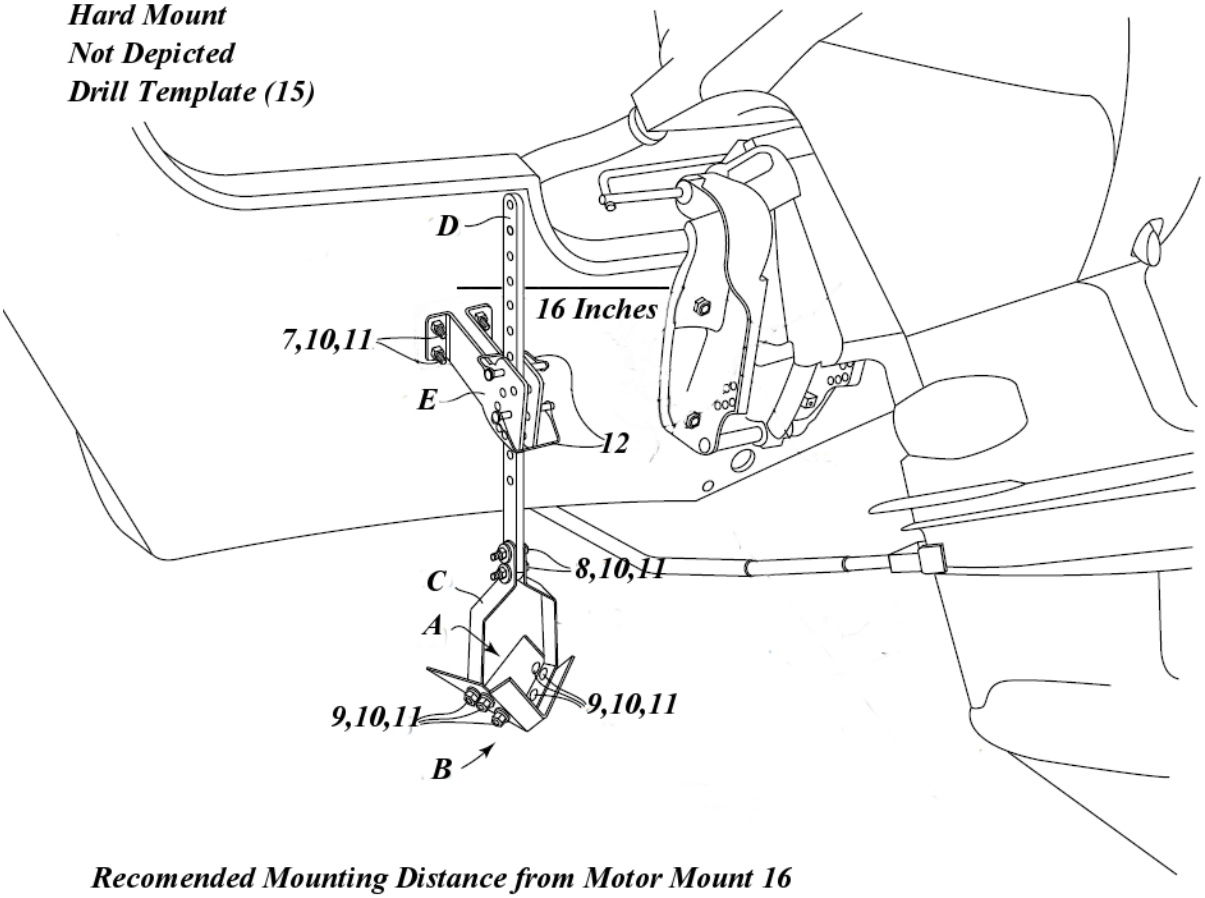
WD 40 or other lubricant

***C Bracket Mount***




***C Bracket uses stock mounting hardware. Spacer (1) and C Bracket (G) fit over stock mounting nuts. If Stock Bolts are facing inward they must be reversed. More information below in section Stock Hardware.***

*General Assembly Diagram*
*Hard Mount*
*Not Depicted*
*Drill Template (15)*




*Recomended Mounting Distance from Motor Mount 16 Inches (40 CM) to center of Adjustment Brackets*

# Rooster Boost Standard Hard Mount Kit

Recommended Tools

Two 9/16 or 14mm sockets/wrenches

3/8 drill bit

Marine sealant or silicone EX. 3M Marine Adhesive Sealant 4200

WD 40 or other lubricant.

# Before You Start: Please Read All Instructions and Warnings Carefully Before Installation and Operation.

## Note on Stainless Steel/Hardware

Use of power tools is not recommended.

We recommend to lubricate fasteners when assembling or disassembling the Rooster Boost.

If a fastener begins to bind before you are actually tightening it down, stop immediately. Wait a minute or two to allow any heat to dissipate and then back the fastener off. Inspect the threads for damage and try again with a new nut. Extra Included

We chose to provide both stainless and non-stainless nuts (part number 3) for mounting to stock hardware to avoid any possible concerns of galling or cold welds. We would suggest if you would like to remove your Rooster Boost frequently to use non-stainless. If removal is unlikely or the boat is primarily used in saltwater, use of stainless is recommended.

Use in saltwater may void warranty.

## General Assembly Notes

Your Rooster Boost will be partially assembled upon delivery. Each unit has been checked for proper fitment before shipping.

To assure proper alignment of adjustment bracket pins and formed Rooster Boost parts, DO NOT TIGHTEN fasteners completely. Lightly assemble all parts before snugging down.

# Stock Hardware

Easy Mount Rooster Boost hardware is designed to use your existing outboard mounting bolts. All outboard manufacturers since 1985 have used a standard bolting pattern. Rooster Boost is designed to take mount directly to this pattern. To properly install, both bolts must be facing with the threads outwards. It also requires enough threads remaining to properly secure C Bracket and spacers to bolt on, with approximately 3/4 inch remaining after the spacer and washer are installed.

If the bolt is too short to accept the Rooster Boost assembly, we can help! Typically, most dealers will carry longer mounting bolts. You can also find solutions at many hardware stores.

If the bolt is facing inward or is too short, follow these additional steps:

Decide which side you would like to mount your Rooster Boost.

Remove any inward facing bolts. Only remove ONE MOUNTING BOLT AT A TIME! It is a good idea to lubricate stock nuts before removal to avoid galling of stainless hardware.

Inspect bolts for any wear or corrosion. If wear or corrosion is apparent, replace with proper mounting hardware.

Apply marine sealant such as a silicone or polysulfide rated for being under the waterline (an example would be 3M 4200 or 5200). Opinions vary and if uncertain, ask your OEM or dealer. Reinstall the bolt with the threads facing out.

Properly torque as advised by manufacturer or dealer.

Nuts should be tight. A good range is between 30-40 ft pounds for fine thread. This will vary by thread type, bolt grade, and size and is only a guide. Consult with your OEM or dealer.

Install the Rooster Boost as described below.

The Rooster Boost Easy Mount is designed to separate the forces your outboard and Rooster Boost place on the stock hardware. This is done by leaving the stresses that the stock hardware experiences unchanged. More information available at www.RoosterBoost.com

# Rooster Boost Easy Mount Assembly

Step 1

Decide which side of your boat you would like to mount your Rooster Boost. You can choose either side and switch the Easy Mount to the other if desired. I have chosen to run mine on the port (left) side because I enjoy having my trolling motor on the opposite. We have noticed no differences in testing, but different boats may vary. Check for any clearance issues after installation before using your Rooster Boost.

Step 2

Assemble C Bracket (G) and Extension (F) using 1/2 inch stainless bolts washers on both sides and lock nuts (4,5,6). Face the bolt head towards the boat for proper clearance. Before tightening, test fit to make sure extension is level.
30 lubricated to 35 dry FT pounds should be used on 1/2 inch Rooster Boost hardware.

Step 3

Attach Adjustment Brackets (E) to Extension Bracket (F) Using 4 3/8 1.5 stainless bolts, 3/8 inch washers on both sides, and lock nuts (7,10,11). Do not snug down. Allow some play to allow proper alignment with Height Adjustment Post (D) and Adjustment Pins (12) later in assembly.

Step 4

Assemble Rooster Boost. The Nozzle (B) comes pre-installed, is removable, and will change fountain height and effect. Attach the Rooster Boost Struts (C) with 3/8 carriage bolts, 3/8 washer, and 3/8 lock nuts. (9, 10, 11) with the head of the bolts facing the inside of the Rooster Boost assembly. The washer and lock nuts will be facing out. Do not snug down until all parts fit together. Allow some play to allow proper alignment with Height Adjustment Post (D).

Step 5

Attach Height Adjustment Post (D) to Rooster Boost Struts (C) with two 3/8 2.25 IN bolts, 3/8 inch washers on both sides, and lock nuts (8,10,11). Once in place, proceed

to snug 3/8 carriage bolts, 3/8 washer, and 3/8 lock nuts (9, 10, 11) followed by the two 3/8 bolts, and lock nuts. (8,10,11) .

15 Lubricated bolt - 20 Dry FT pounds should used on 3/8 Rooster Boost hardware

Step 6

Mount C Bracket Assembly to Stock Mounting Hardware.

First, figure out which size hardware is needed. Both mounting bolts need to be facing with the threads facing outwards. If this is not the case, refer to the stock mounting hardware section above.

The kit includes M12 1.25 Thread Metric Motor Mount Nuts (3)* and 1/2 IN-20 Thread Standard Size Motor Mount Nuts (3)*. M12 is slightly smaller than 1/2 inch and is typical of what international manufacturers recommend. American manufacturers typically recommend 1/2 inch.

Starting with M12 nuts, check for fitment. If too small, move on to 1/2 inch. Note that the sizes are very similar, 1/2 will thread on M12 hardware but will be loose.

If neither of the provided nut sizes fit it is most likely a coarse threaded 1/2 or M12 bolt. The image above shows a fine thread bolt on the left. If uncertain most hardware stores have gauges you can use for no cost.

Step 7

Align C Bracket assembly over both mounting nuts. Place one or two Spacers (1) over the stock hardware depending on clearance needed followed by the thick C Bracket washers (2) then install the proper size Motor Mount Nuts (3). Loosely tighten each nut, check to make sure extension and adjustment brackets are level then snug each nut down. Nuts should be tight, a good range is between 30-40 ft pounds for fine thread. This will vary by thread type, bolt grade, and size and is only a guide. Nuts should be checked before and after use, and re-torqued as needed.

Step 8

Using the Adjustment Pins (12), attach the Height Adjustment Post (D) to Adjustment Brackets (E). Insert one pin in the top front adjustment hole. This is the main pivot point

to adjust the angle of your Rooster Boost. Choose any other adjustment hole to align the adjustment brackets. Proceed with tightening the 3/8 1.5 stainless bolts, 3/8 inch washers on both sides, and lock nuts. (7,10,11) from step 3. Check to make sure that pins remove without much effort. If pins bind, loosen and repeat until satisfactory. This may take a try or two.

Step 9

The limiting strap is designed to be attached to one of many points on your Rooster Boost. It spreads the load and eliminates the lever effect on the mounting hardware, making it many times stronger.
The limit strap anchor point to the boat must be outside the anchor point of the Rooster Boost. Most often, this will be achieved by attaching Eye Bolts (13) to Adjustment Brackets as depicted. Since each boat is different, anchor points will vary. If you are having problems with proper mounting, we are more than willing to help. More information available at www.RoosterBoost.com

Step 10

Manually apply force to each section. If the adjustment strap is not tight or in the wrong location, damage to mounting bolts may occur. The Easy Mount should be solid. A small amount of twisting is normal; however, movement of the end of the extension bracket away from the boat more than 1/4 inch is undesirable.

Step 11

Trim the limiting strap to desired length. To prevent fraying, it is recommended to use a lighter or hot iron on any loose ends.

Installation is complete - you are ready to start Rooster Boosting! Read warnings prior to operation. You will need to adjust the height and angle of your Rooster Boost. It will take a couple attempts, and you may need to raise or lower the Rooster Boost to obtain the proper height. Changing the angles changes how high the tail goes. Typically, there is a 2-3 inch range that works best. More Information in Rooster Tailing and Adjustment below.

# Hard Mount Assembly
# Read This First!

Rooster Boost Hard Mount kit is designed to be used on vessels that do not allow proper fitment of the Easy Mount kit. It should be mounted through a reinforced section of the transom that is designed to hold a outboard. However, the Hard Mount Assembly's design allows it to be fit to almost any vessel.

Do not operate at speeds greater than 35 MPH when hard mounted.

Do Not Mount on unreinforced sections of your boat. We recommend selecting an area that is a minimum 1.5 inches thick fiberglass or aluminum over wood construction. with 1.5 inches of clearance to top. If uncertain what is considered reinforced, do not install.

When making the decision to install a hard mount kit, these are some things to consider;

The average water skier places between 400-800 pounds of force on transom of boat.

Pulling a 3 person tube can exceed 2000 pounds.

Depending on how your Rooster Boost is mounted and adjusted, this is a rule of thumb for the range of forces that your boat will have to endure. However, forces may easily exceed these estimates depending on hull type, installation location, adjustment, and speed.

If your outboard is newer than 1985, and hard bolted to your transom, we would advise you to use our Easy Mount kit whenever possible.

We would advise a testing period to build up to top speed. Start with running your boat in 5 MPH increments, increasing each time. Stop after 60 seconds and check for any deformation or cracking. Continue the process until you are able to run at wide open throttle. Inspect again for any deformation or stress cracking, then gradually increasing run time. Inspect before and after each use.

The lower you mount your adjustment brackets, the less force on your transom.

The forces involved quadruple as speed doubles. Transom and mount must be inspected prior to each use. Mount at your own risk.

Step 1

The hard mount location must be checked for proper clearance of the motor. Since each boat is different, we advise at least 16 inches (40 CM) from the outside of your motor's mount to the center of adjustment brackets. If your boat does not allow this, you should favor the starboard (right side) of your transom as long as there is no interference with motor. Before drilling, a simple way to check is by c-clamping adjustment brackets to the transom before you drill!

Step 2

Assemble Rooster Boost. Nozzle (B) comes pre installed. Nozzle is removable and will change fountain height and effect. Attach Rooster Boost Struts (C) with 3/8 carriage bolts, 3/8 washer, and 3/8 lock nuts. (9, 10, 11) with head of bolts facing the inside of the Rooster Boost assembly. Washer and lock nuts facing out. Do not snug down until all parts on assembly fit together. Allow some play to allow proper alignment with Height Adjustment Post (D).

Step 3

Attach Height Adjustment Post (D) to Rooster Boost Struts (C) with two 3/8 2.25 IN bolts, 3/8 inch washers on both sides, and lock nuts (8,10,11). Once in place, proceed

to snug 3/8 carriage bolts, 3/8 washer, and 3/8 lock nuts (9, 10, 11) followed by the two 3/8 bolts, and lock nuts. (8,10,11).

15 Lubricated bolt FT pounds -20 dry FT pounds should used on 3/8 Rooster Boost hardware

Step 4

Tape Drill Template (15) to desired mounting location. Make sure that template is level. Check once more for proper clearance.

Step 5

Drill one mounting hole to start and inspect the hole, making sure that condition of substrate is not deteriorated and that it is at least 1.5 inches of solid material. If hollow, do not use this location. Repeat with other 3 mounting holes.

Step 6

Attach Adjustment Brackets (E) to transom (F) Using 4 3/8 3 inch stainless bolts, 3/8 inch washers on both sides, and lock nuts (7,10,11). Do not snug down until all parts on assembly fit together. Allow some play to allow proper alignment with Height Adjustment Post (D) and Adjustment Pins (12) later in assembly.

Step 7

Using Adjustment Pins (12) attach Height Adjustment Post (D) to Adjustment Brackets (E). Insert one pin in top front adjustment hole. This is the main pivot point to adjust the angle of your Rooster Boost. Choose any other adjustment hole to align the adjustment brackets. Proceed with lightly tightening the 3/8 1.5 stainless bolts, 3/8 inch washers on both sides, and lock nuts. (7,10,11). Check for clearances.

Check to make sure that pins remove without much effort. If pins bind,loosen and until satisfactory. May take a try or 2.

Step 8

Decide if you would like to use marine sealant. If so, remove mounting hardware apply sealant as directed and repeat step 7. If not, continue by torquing down mounting hardware.

15 Lubricated bolt FT pounds -20 dry FT pounds should used on 3/8 Rooster Boost hardware.

Step 9

Manually apply force to simulate going through the water, check for twisting of transom. Mount should be very solid. Adjustment brackets may flex slightly left or right this is normal. If flexing of transom is found do not operate.

Installation is complete, you are ready to start rooster tailing. Follow the testing period as described above. Read Warnings Prior to Operation. You will need to adjust the height and angle of your Rooster Boost. It will take a couple attempts, and you may need to raise or lower to obtain the proper height. Changing the angles changes how high the tail goes. Typically, there is a 2-3 inch range that works best. More Information in "Rooster Tailing and Adjustment" below.

# Rooster Tailing and Proper Adjustment

The Rooster Boost has adjustments for both depth and angle of engagement to the wake of your boat. Changing one or the other will change the height, length, and amount of spray produced. This usually takes a couple of try's to figure out the proper trim and is part of the fun!

Use caution when adjusting as you may have to lean outside of your hull. It is always recommended to wear a lifejacket while boating.

Example Videos available at www.RoosterBoost.com

It helps to have a second person the observing each change in height and angle.

Once properly installed, the first place to start is the height adjustment.

Each boat is different, but a good place to start is with the bottom of the Rooster Boost one inch above the bottom of your boat.

Place the bottom adjustment pin in the slot that is closest to making the Rooster Boost post parallel with transom or 90 degrees to adjustment bracket. This position usually creates a shorter longer rooster tail, and is good place to get the proper height adjustment set.

Proceed by accelerating your boat until on plane. Observe what the tail does.

Come to a stop and raise or lower one adjustment level. A typical range is a couple inches above your transom to a couple inches below.

When adjusting depth, we have found that removing the bottom adjustment pin first and placing in one of the top Height Adjustment Post holes helps prevent loss by providing a stop.

Do not adjust while boat is in motion.

Once proper depth is obtained you will then proceed to try different adjustment angles.

Different angles may require different depths.

Rooster Boost produces drag on your boat, however this can be greatly minimized with proper height and angle adjustment.

Running your Rooster Boost too deep will hurt performance of your rooster tail, hole shot, and top speed.

Once you find a setting you like, take note of what adjustment levels are and raise one level. We have found this to be very close to optimal settings at top speed.

Depth level adjustment may change based on weight in boat.

The bigger the angle, the higher the tail goes. This also produces slightly more drag. We have changed the tail height many times in a day depending on what we are doing. You are encouraged to do the same!

Thank you for your purchase of the Rooster Boost. We really hope you enjoy it and have countless hours of fun running it!

If you have any questions feel free to reach out to us. Online at www.RoosterBoost.com. There is how to videos on install, and adjustments available as well.

# Rooster Boost, Rooster Easy Mount, 2 Year Limited Warranty

Rooster Boost LLC warrants this product to be free of defects and workmanship for the period of 2 years from purchase date. In the event of warrantable claim Rooster Boost LLC - at its option, will provide the original purchaser with with new or factory refurbished replacement parts or repair damaged unit free of charge. Purchaser is responsible for shipping costs associated with warranty claim.

Warranty does not cover corrosion due to the use in saltwater, normal wear and tear, expected wear to adjustment points, cosmetic wear to adjustment pins, blemishes that do not affect operation, minor cosmetic imperfections inherent with the manufacturing processes, or damages caused by improper installation, improper assembly, abuse, accidents, modification (except as suggested in manual), misuse or improper maintenance. This warranty does not cover any damage to boat, motor or trailer caused by proper or improper use of Rooster Boost products. Cost of labor for installation, assembly or disassembly not included in warranty . Non transferable, proof of purchase required.

DUE TO THE SPECIAL AND UNIQUE CONDITIONS THAT MAY EXIST IN EACH APPLICATION, ROOSTER BOOST LLC SPECIFICALLY DISCLAIMS ANY AND ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IT IS UP TO THE PURCHASER TO DETERMINE IF THE PART IS COMPATIBLE WITH HIS/HER APPLICATION. IN NO EVENT SHALL ROOSTER BOOST LLC BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES FROM ANY BREACH OF THIS WARRANTY, INCLUDING BUT NOT LIMITED TO ANY DAMAGES OR REPLACEMENT OF OTHER EQUIPMENT OR PROPERTY.

Installation of Rooster Boost or any other aftermarket part may void or otherwise adversely affect your factory warranty.

Some States do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.
This warranty gives you specific legal rights, and you may also have other rights which vary from State to State.

# Claims

To initiate a claim please email us at Contact@roosterboost.com. Please include a detailed description of problem, as well as your contact information.

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