



# Marlin's Quest Compass Quick Start Guide and Accessory Setup



**IMPORTANT INFORMATION READ THIS PLEASE**

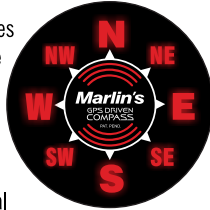


**DO NOT RETURN  
THIS UNIT TO DEALER!**

**WE WANT TO HELP!** If you are having trouble installing or using this product. Please contact Marlin's 800.777.5543 or [www.marlinlocks.com](http://www.marlinlocks.com) Please have your date & place of purchase information.

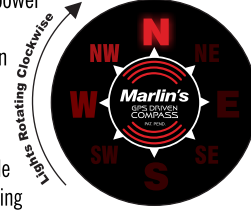
**WHAT YOU CAN EXPECT TO SEE**

On power up the device will take appx. 2-4 minutes to acquire signal from the required number of satellites to operate, (this is a typical start-up time and may be shorter or longer based on several factors, it should not take longer than a few minutes).



System Start/Reset

After all eight LED's are displayed at power on or after losing satellite signal the device will display a clockwise rotation of LED lights while acquiring the required satellites. Press the button momentarily to toggle through brightness modes, the last mode is all lights off (this is only the LED's being turned off, the system will still be under power and drawing current, be sure to wire the device into a power source that turns off with the vehicle.



Searching Satellite Signal

Four LED's: N,S,E & W or your direction of travel will display at satellite lock. Quest is designed to display your current heading in one of eight points using daylight visible LED's. ⚠ The device must be traveling to get a heading fix and display direction of travel. Quest is self calibrating and does not require any setup procedure. *In some situations the unit may display only one LED at satellite lock, but will continue to function normally once movement starts.*



Acquired Satellite Signal

## 3 EASY CONNECTION STYLES

(NOTE: THESE CONNECTIONS ARE NOT WATERPROOF)



**#1:** Use the integrated USB plug to connect to a USB style charging port on your vehicle.

**#2:** Use the integrated USB plug to connect to a USB style rechargeable battery.

Using our USB style battery pack you can expect to have 15 - 25 hours of use from a fully charged battery. Using rechargeable batteries is an eco friendly option.

NOTE: When a battery gets to low the unit will not get GPS lock and will continue to show the lights rotating in a clockwise direction. Recharge the battery and return it to service.

**#3:** Use the integrated USB plug to connect to the USB 12 volt to 5 volt converter and connect to your vehicles 12 volt system.

SEE SIDE BAR FOR SWITCH RECOMMENDATION →

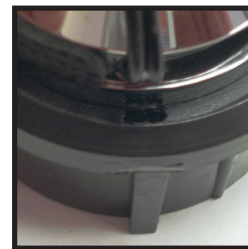
**A:** Connect the 12v to 5V converter to your vehicle by attaching the RED wire to the POSITIVE of your vehicle and the BLACK wire to the NEGATIVE of your vehicle. then using the supplied shrink tube place it over the USB connection and shrink using a safe heat source and secure the ends with electrical tape or other sufficient sealant to protect from the elements.

**B:** You may also eliminate the USB connectors from the converter by clipping the ends off the converter and the compass then solder the POSITIVE / WHITE STRIPE wire from the compass to the RED / POSITIVE output end of the converter you clipped the end off then connect the BLACK / NEGATIVE wire from the compass to the BLACK / NEGATIVE output wire of the converter you clipped the end off.

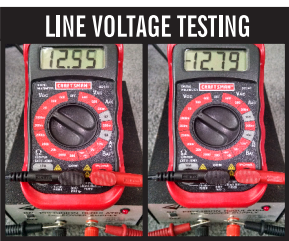
⚠ You may also use an in-line fuse on the positive wire for added security.

### Hiding power wire - FLH fairing & More.

Using a drill bit (approximately 3/32" diameter) drill two holes close together to create a slot as wide as the power cord, between the chrome cup and plastic rim of the fairing plug. After drilling the two holes move the drill bit from side to side to connect the two holes and form the slot the power wire will feed through. Be careful not to damage the cup that holds the compass head, you may mask it with tape to prevent scratches. Using the wiring information above splice wires as needed to go through small holes.



USB STYLE PLUG



LINE VOLTAGE TESTING

Doubt about the polarity of the wires you have chosen, use a multi-meter to check. With correct polarity the gauge will read positive as in the picture on the left. If connected backwards you will see the number negative as shown with a minus symbol in the picture on the right. **CAUTION: If connected backwards damage to the Compass will occur.**

## Quest Compass Tech Tips



- 1: Quest uses satellites to display heading. It is not a traditional compass that uses the magnetic field of the earth, so magnets (radio speakers) and magnetism will not effect it. Needs to be installed with unobstructed view to the sky and not in an area or behind materials that may inhibit RF (radio frequency) transmissions. May not get satellite signal to operate in buildings, parking structures, tunnels or other obstructed areas.
- 2: If at any time your unit acts peculiar you may enter the reset mode, press and hold the button for 10 - 12 seconds, this will reset the system and clear any faults.
- 3: At rest after traveling the device will retain & display the last known heading.
- 4: The device has a weather resistant housing, but with all electronics care should be taken to avoid direct high pressure washing.
- 5: Any wiring options (USB/Battery pack) are not waterproof or resistant. - **Do Not** pull on or remove unit from mount by it's buttons.

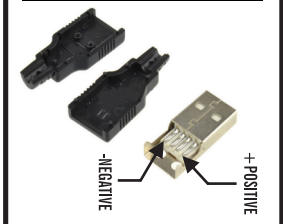
Design, Materials, Specifications & Pricing Subject To Change Without Notice 09/18



SWITCH

It is recommended to use an on / off switch if connecting the converter directly to the battery or other power source not capable of being turned off. Install switch by placing it in-line with the RED/POSITIVE input wire.

## 5V USB TYPE B PLUG



### USB TYPE B PLUG INSTALL

1. Solder wires to correct + and - posts
2. Attach plastic case by placing USB device into plastic side with two round locating tabs.
3. Dry fit the second side of plastic case and then remove and reinstall using an adhesive like hot melt glue to complete attachment. ⚠





# Marlin's Quest Compass 12 Volt - 5 Volt Converter Setup



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**STOP**

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Your Quest Compass came with a 12 Volt to 5 Volt converter, USE IT TO CONNECT TO YOUR 12 VOLT SYSTEM, this will eliminate any voltage irregularity that may damage or cause the compass to act irregular.

Start by connecting the converter to the 12 volt power source, use the RED and BLACK wires (red is positive & black is negative) to connect the unit. Add a switch in-line with the positive wire if desired or you are connecting to a line that does not turn off with the power of the vehicle.

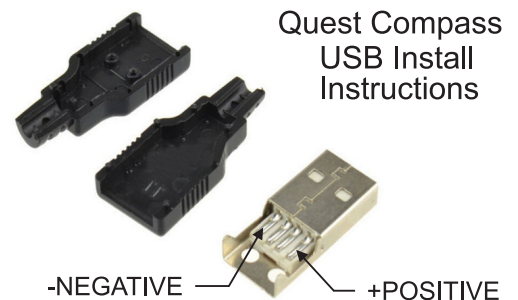
Once the converter is connected place the supplied shrink tube coating over the USB end of the converter and connect the USB end of the compass. Center the tube over the USB connection and using a safe heat source shrink the tube, then use electrical tape or other suitable sealant to seal each end of the shrink tube.

If you are using the FLH Dash Plug Housing or feeding the wiring through a small hole it may be necessary to detach the wire from the USB connectors or split the wire and re-connect it. You may also eliminate the USB connectors from the converter by clipping the ends off the converter and the compass then solder the POSITIVE / WHITE STRIPE wire from the compass to the RED / POSITIVE output end of the converter you clipped the end off then connect the BLACK / NEGATIVE wire from the compass to the BLACK / NEGATIVE output wire of the converter you clipped the end off.



Before shrink tube

After shrink tube



1. Solder wires to correct + and - posts
2. Attach plastic case by placing USB device into plastic side with two round locating tabs.
3. Dry fit the second side of plastic case and then remove and reinstall using an adhesive like hot melt glue to complete attachment.

**VERY IMPORTANT UPDATE**

## RKF Roadking® - All models 94'-Present

The RoadKing® Flip Fork Lock Cover Quest Compass takes the place of the factory installed fork lock plate. The unit comes with compass head, one extra rubber compression ring, two screws, one clear plastic spacer and billet mount.

- 1) Carefully remove the item from its package.
- 2) To remove the compass head pry slowly under the edge of the head with the long flat side of a knife or similar object in a screwdriver style motion you may also be able to push through the hole in the bottom of the holder. Make sure that the compass does not fall and become damaged.
- 3) Carefully pry off factory plastic fork lock plate from your bike that has Unlock-Lock on it.
- 4) Then remove the two Phillips screws beneath the lock plate.
- 5) Open the mount by pulling the top half up from the base, place the mount and the clear rubber spacer that goes under the mount in position over the two exposed screw holes.
- 6) If desired, apply LOCTITE® 242 blue (or similar thread lock) to the thread of the screws provided and install the screws to hold the cover in place.  
(The LOCTITE® prevents loosening of threaded fasteners.)
- 7) Close the Fork Lock Cover.
- 8) Install the compass head into the holder/mount securely as per instructions in the General Care section of these instructions.

Note: Lubricate spring loaded ball bearing that holds cover open and closed periodically.

**NO KEY MODIFICATION IS REQUIRED**



## TOCS Installs to any flat surface or Roadking® tank panel

The Tape on Billet (TOCS) Quest Compass can be installed by using the supplied industrial grade two sided adhesive on any flat surface you would like, or using the supplied 1/4" x 20 screw for bolt down applications like the Roadking® tank panel.

- The TOCS comes with the compass head, one extra rubber compression ring, two adhesive pads, one 1/4" x 20 screw and billet mount.
- 1) Carefully remove the item from its package.
- 2) To remove the compass head pry slowly under the edge of the head with the long flat side of a knife or similar object in a screwdriver style motion, you may also be able to push through the hole in the bottom of the holder. Make sure that the compass head does not fall and become damaged.
- 3) To install on the center console / tank panel of your Road King® just remove the screw from the center console washer and replace factory screw and washer assembly with the TOCS mount holder, using the supplied screw.
- 3a) For double sided adhesive application make sure the area you are mounting to is clean and free of debris and oils. A flat, smooth, clean surface is best suited for optimal holding strength.
- 4) Install the compass head into the holder/mount all the way as per instructions in the General Care section of these instructions.



## FLHT All "Glide" Models

The FLHTC/FLHTCI ELECTRA GLIDE® CLASSIC Quest Compass takes the place of the existing factory fairing plugs. The FLHTC/FLHTCI ELECTRA GLIDE® CLASSIC Quest Compass comes with, one extra rubber compression ring and factory style fairing mount.

- 1) Carefully remove the item from its package.
- 2) To remove the compass head pry slowly under the edge of the compass head with the long flat side of a knife or similar object in a screwdriver style motion, you may also be able to push through the hole in the bottom of the holder. Make sure that the head does not fall and become damaged.
- 3) Refer to the installation instructions of your fairing/windshield, from your owners manual or service manual to give you the information on removal and replacing the factory fairing plugs.
- 4) Install the compass head into the holder/mount all the way as per instructions in the General Care section of these instructions.

*Installation tip from a valued customer: "I did not have to remove the fairing at all. I wish all things were that easy to install. :-)* Once I cut a 1/2" hole, put my finger in it and pulled, the factory plug came out and the new parts just snapped right into place!"



## RKS Roadking® - All models 94'-Present

The Road King® Swivel Fork Lock Cover with Quest Compass takes the place of the factory installed fork lock plate. The unit comes with billet mount, two screws, one clear plastic spacer and compass head, one extra rubber compression ring.

- 1) Carefully remove the item from its package.
- 2) Carefully pry off factory plastic fork lock plate from your bike that has Unlock-Lock on it.
- 3) Then remove the two Phillips screws beneath the lock plate.
- 4) Open the mount by rotating the top half clockwise, place the mount and the clear rubber spacer that goes under the mount in position over the two exposed screw holes.
- 5) If desired, apply LOCTITE® 242 blue (or similar thread lock) to the thread of the screws provided and install the screws to hold the cover in place.  
(The LOCTITE® prevents loosening of threaded fasteners.)
- 6) Close The Fork Lock Cover by turning counterclockwise.
- 7) YOU WILL NOT need to modify your key to use the fork lock after installation.

Note: Lubricate the pivot point and the spring loaded ball bearings hidden near pivot, periodically.

- 8) To remove the compass head pry slowly under the edge at the bottom with the long flat side of a knife or similar object in a screwdriver style motion, you may also be able to push through the hole in the bottom of the holder. Make sure that the compass head does not fall and become damaged.
- 9) Install the compass head into the holder/mount securely as per instructions in the General Care section of these instructions.

**NO KEY MODIFICATION IS REQUIRED**



## FSBC2 Fits FXDWG®, All 06'- Present Dynas® And 91'- Present Softails® (Except Springers®)

The FSBC2, Large Fork Stem Quest Compass, takes the place of the factory chrome fork stem bolt cap/cover.

The FSBC2 comes with compass head, one extra rubber compression ring, one 1/4" x 20 screw and billet mount.

- 1) Carefully remove the item from its package.
- 2) To remove the compass head pry slowly under the edge of the compass head with the long flat side of a knife or similar object in a screwdriver style motion you may also be able to push (the bolt) through the hole in the bottom of the holder. Make sure that the clock does not fall and become damaged.
- 3) Carefully remove the factory chrome cap from over the fork stem bolt by holding firmly and turning counterclockwise.
- 4) Place the FSBC2 mount in position over the exposed screw hole in the fork stem nut, insert the supplied screw and tighten.
- 5) Install the compass head into the holder/mount all the way as per instructions in the General Care section of these instructions.



## FSBC1 Fits All Sportsters®, FXRS®, FXRS-SP®, FXRS-CON® FXLR® and Later FXD® & Pre-06' Dyna Glide® Models.

The FSBC1 Small Fork Stem Quest Compass, takes the place of the factory chrome fork stem bolt cap/cover or covers the exposed stem nut. The FSBC1 comes with compass head, one extra rubber compression ring, one 1/4" x 20 screw and billet mount.

- 1) Carefully remove the item from its package.
- 2) To remove the compass head pry slowly under the edge of the head with the long flat side of a knife or similar object in a screwdriver style motion, you may also be able to push (a non damaging item) through the hole in the bottom of the holder. Make sure that the head does not fall and become damaged.
- 3) Carefully remove the factory chrome cap from over the fork stem bolt by holding firmly and turning counterclockwise. (if your bike is not equipped with the chrome cap and doesn't have a 1/4" tapped hole in the bolt we can supply a replacement tapped bolt.)
- 4) Place the FSBC1 mount in position over the exposed screw hole in the fork stem nut, insert the supplied screw and tighten.
- 5) Install the compass head into the holder/mount all the way as per instructions in the General Care section of these instructions.



## FSBC2/a Fits Newer Sportsters® and V-Rods®

The FSBC2/a, Large Fork Stem Quest Compass, covers the factory fork stem bolt.

The FSBC2/a comes with compass head, one extra rubber compression ring, two adhesive pads and billet mount. 1) Carefully remove the item from its package. 2) To remove the compass head pry slowly under the edge of the compass head with the long flat side of a knife or similar object in a screwdriver style motion. Make sure that the head does not fall and become damaged. 3) To affix mount to stem bolt use the included adhesive pad/s, pre-clean back of mount and top of stem bolt with isopropyl alcohol or similar agent to ensure proper adhesion. 4) Place adhesive pad on back side of mount. 5) Stick mount to stem bolt. If bottom edge of mount prevents mount from securely sticking to bolt add second pad for additional height.

- 6) Install the compass head into the holder/mount all the way as per instructions in the General Care section of these instructions.



## FSBC1 with adapter Metrics & Customs

The FSBC1 Small Fork Stem Quest Compass with adapter, covers the exposed stem nut. The FSBC1 with adapter comes with compass head, one extra rubber compression ring, one adapter assembly with two hex set screws ( two longer set screws are also included for smaller stem nut cases ) and assembly screw and billet mount.

- 1) Carefully remove the item from its package.
- 2) To remove the compass head pry slowly under the edge of the compass head with the long flat side of a knife or similar object in a screwdriver style motion, you may also be able to push (a non damaging item) through the hole in the bottom of the holder. Make sure that the head does not fall and become damaged.
- 3) Carefully remove the adapter from the FSBC1 by removing the hex screw under the clock.  
\*The allen wrench used for the adapter installation is American.
- 4) Take the adapter and remove the 2 hex set screws from the side of the adapter. Apply some blue Loctite on the set screws, this will act as an anti seize and also stop them from coming out.
- 5) Take the adapter and put it over the stem nut and re-insert and tighten the set screws.  
( Two longer set screws are also included for smaller stem nuts )
- 6) Take the FSBC1 and put it over the adapter and attach it via the supplied assembly screw.
- 7) Install the compass head into the holder/mount all the way as per instructions in the General Care section of these instructions.



## CHAMP

**Control Housing with Adjustable Mounting Position**

The CHAMP Mount Quest Compass fits onto your brake or clutch control unit (perch clamp) using a replacement extended mounting bolt.

The CHAMP Mount comes with compass head, one extra rubber compression ring, one stand-off spacer, extended bolt and billet mount.

- 1) Carefully remove the item from its package.
- 2) To remove the compass head pry slowly under the edge of the compass head with the long flat side of a knife or similar object in a screwdriver style motion. Make sure that the head does not fall and get damaged.
- 3) For control unit installation remove one bolt from the top or bottom of the handlebar control (perch) clamp.
- 4) Place the mount in position with the stand-off spaced between the mount housing and the control housing and re-insert the extended bolt (some metric bikes may require a different bolt size) and tighten.
- 5) Install the compass head into the holder / mount all the way per instructions in the General Care section of these instructions.

You may also use the housing of the Champ mount without the stand-off and replace the tank panel washer of a Harley Road King by using the appropriate size screw and placing the screw in the center hole of the housing and discarding the plug from that hole. You may also use a piece of double sided tape on the back side of the mount once the plug is removed from the center hole and discarded to apply the housing to any flat clean surface.



**CAUTION:** This item comes with either a Standard SAE thread 1/4 X 20 extended bolt or a Metric 6mm thread extended bolt. It is the customers responsibility to inspect & compare their current screw and the supplied screw and decide if it is appropriate to install and will not damage any existing components threads.

Some HARLEY SPORTSTERS use a 6mm metric bolt on the clutch side and 10-24 screw on the brake side. If installing on brake side you need to supply your own 10-24 screw.

Please contact Marlin's for service before returning item to dealer



Technical support: 248-683-1536  
[www.marlinsclocks.com](http://www.marlinsclocks.com)

Patent Pending - Design, Materials, Specifications & Pricing Subject To Change Without Notice

# Marlin's Quest Compass

## General Care, Installation and Operation Instructions

### IMPORTANT - READ THIS FIRST!

**RETURNS MUST BE PACKED TO ELIMINATE DAMAGE - DAMAGED RETURNS WILL NOT BE ACCEPTED**

**DO NOT** push on the glass face when inserting the compass head into the holder / mount.

Push on the chrome ring or bezel to insert. Make sure compass head is inserted all the way into holder / mount before riding or loss and / or damage may result.

When the compass head has been installed in the holder/mount for a long time and you remove it from the holder/mount, the rubber compression ring may stay compressed. To avoid a loose fit put a fresh compression ring on the compass head (a spare should have been supplied with the purchase).

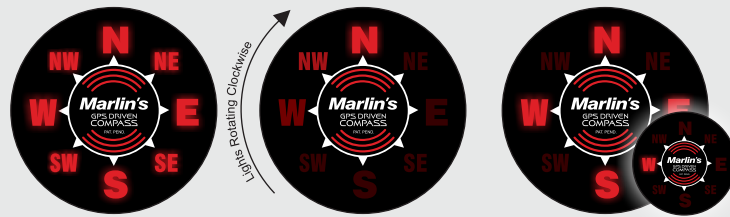
Note the compression rings position before removing it, the wide part of the nub molded into the ring should face up and to the outside of the compass head. To rejuvenate or expand the used compression ring back to it's original size, place it in very hot water for a minute or two, then put the ring in cold water and it will bring it back to shape for the next time you need to switch compression rings.

It is recommended when you take the compass head out of the holder/mount to use some isopropyl alcohol and clean the inside rim of the holder/mount were the compass head goes to eliminate any dirt or oils that could reduce the gripping power of the compression ring.

\*The holder/mount and bezel can be polished and cared for with a quality chrome polish.\*

### TO RE-INSERT YOUR COMPASS HEAD INTO THE HOLDER/MOUNT:

You can moisten a paper towel with Windox or similar product (NO silicon or oil based product) then wipe it on the rubber ring around the head to help you slide the head in to the holder. (Allow the Windox or other product to dry completely before riding.) Turn the compass head in the position you like and push it in place, push inward on the chrome edges or bezel of the unit, making sure that the rubber ring is not stuck on the edge of the holder/mount, (you may use your fingernail or similar object to make sure the rubber ring is in place properly) and there is no gap so that the unit is firmly in place.



**System Start/Reset**      **Searching GPS Signal**      **Acquired GPS Signal**

Marlin's Quest Compass Gauge uses the Global Positioning System to display data based on the devices change in location. This gauge is not a traditional compass that uses the magnetic field of the earth, but a fully functioning GPS device that uses satellite positioning to provide heading information to the operator. The device needs to be installed in an area that has unobstructed view to the satellites in the sky and not in an area of electronic components or materials that may inhibit RF (radio frequency) transmissions. For example the device may not get satellite signal and may not operate in buildings, parking structures, tunnels or other obstructed areas. The unit should not be effected by radio speakers or other magnetic fields common to vehicles.

Quest Compass uses 5V to operate and should not be exposed to greater voltage.

### QUEST COMPASS MUST BE CONNECTED PROPERLY OR DAMAGE WILL OCCUR.

You may connect Quest to a 5V USB outlet or 12V vehicle using the 12V to 5V converter or re-chargable USB battery pack, any of these sources are acceptable.

**NOTE:** When a battery is getting low the unit will not get GPS lock and will continue to show the lights rotating in a clockwise direction.

Quest Compass is designed to display your current heading in one of eight compass points using daylight visible LED's. The device must be traveling to get a heading fix and display direction of travel. Quest is self calibrating and does not require any setup procedure.

On power up the device may take 2 - 4 minutes to acquire signal from the required number of satellites to operate, (this is a typical start-up time and may be shorter or longer based on several factors, it should not take longer than a few minutes).

At rest after traveling the device will retain & display the last known heading.

At Start-up or after losing satellite signal the device will display a clockwise rotation of LED lights while acquiring the required satellites.

After acquisition of satellite signal the unit will display the four lit LED's N,S,E & W or immediately show your direction of travel. (In some situations the unit may display only one LED at satellite lock, but will continue to function normally once movement starts.) If at any time your unit acts peculiar you may enter the reset mode, press and hold the button for 10 - 12 seconds, this will reset the system and clear any faults. Press the button momentarily to toggle through four brightness modes, the last mode is all lights off (this is only the light display being turned off, the system will still be under power and drawing current, so be sure to wire the device into a power source that turns off with the vehicle).

**IMPORTANT: The device has a weather resistant housing, but with all electronic devices care should be taken to avoid direct high pressure washing. Any wiring options (USB/Battery pack) are not waterproof or resistant.**

## BBCS2 Most 7/8"-1"

The Bullet Billet Quest Compass fits on 1" bars or 7/8" bars utilizing the included clear plastic spacer.

Please note how the unit is assembled so you can re-assemble it properly on the bar.

The BBCS2 comes with compass head, one extra rubber compression ring, two internal screws, one clear plastic spacer, one hex head wrench and billet mount.

- Carefully remove the item from its package.
- To remove the compass head pry slowly under the edge of the head with the long flat side of a knife or similar object in a screwdriver style motion. Make sure that the compass head does not fall and become damaged.
- Remove the two internal screws, separating the two bullet halves.
- Place the BBCS2 mount halves in the position of your choice on the bars (a flat area looks best, keep away from curves or areas the bar may not be a consistent thickness), re-insert the supplied screws and tighten gently and evenly. For the mount to tighten properly there should be a small gap between the two halves, no bar is the same so the gap will vary-do not over-tighten.
- Install the compass head into the holder/mount all the way as per instructions in the General Care section of these instructions.



## HBC & HBDM Most 7/8"-1", 1 1/4", 1 1/2" Bars

The Handlebar & Handlebar Dual Mount Quest Compass fits on 1" bars or 7/8" bars utilizing the included clear plastic spacer. The Handlebar & Handlebar Dual Mount Quest Compass 1 1/4" fits on 1 1/4" bars. The Handlebar & Handlebar Dual Mount Quest Compass 1 1/2" fits on 1 1/2" bars.

- Please note how the unit is assembled so you can re-assemble it properly on the bar.
- The Handlebar & Handlebar Dual Mount Quest Compass comes with a compass head (dual comes with compass head & clock or thermometer), one (dual/two) extra rubber compression rings, one clear plastic spacer, hex head wrench and billet mount.
- 1) Carefully remove the item from its package.
- 2) To remove the compass head (dual comes with compass head & clock or thermometer) pry slowly under the edge of the compass head (dual comes with compass head & clock or thermometer) with the long flat side of a knife or similar object in a screwdriver style motion. Make sure that the head(s) do not fall and become damaged.
- 3) Remove the two rear screws, separating the two mount halves.
- 4) Place the handlebar mount halves in the position of your choice on the bars (keep away from curves or areas the bar may not be a consistent thickness), re-insert the supplied screws and tighten gently and evenly (for the mount to tighten properly there should be a small gap between the two halves, no bar is the same so the gap will vary - do not over-tighten).
- 5) Loosen the hex screw on the head unit, move it into position desired and tighten hex screw to lock head in place.
- 5 Dual Mount) Cross bar screw may not be accessed until the head screws are loosened inside the head cups. Loosen the head screws inside each of the two round holders and the hex screw on the cross bar unit, move it into position desired and tighten hex screw to lock cross bar in place, then continue to re-tighten the head screws inside each of the two round holders.
- 6) Install the compass head (dual comes with compass head & clock or thermometer) into the holder/mount all the way as per instructions in the General Care section of these instructions.



Important Notes: When you loosen the allen screw on the dual mount, you can move the head left or right. The allen in front will allow you to turn the dual mount cross bar as you see in the photo. After you get everything adjusted, tighten the allen screws.



## BCM & BCDM

The Brake/Clutch & Brake/Clutch Dual Mount Quest Compass fits onto your brake or clutch control unit (perch clamp) using the existing mounting bolt. It may also be affixed to a windshield horizontally and then adjusted up or down for better viewing.

The Brake/Clutch & Brake/Clutch Dual Mount Quest Compass comes with compass head (dual comes with compass head & clock or thermometer), one (dual/two) extra rubber compression ring, one hex head wrench and billet mount.

- Carefully remove the item from its package.
- To remove the compass head (dual comes with compass head & clock or thermometer) pry slowly under the edge of the compass head (dual comes with compass head & clock or thermometer) with the long flat side of a knife or similar object in a screwdriver style motion. Make sure that the head(s) do not fall and become damaged.
- For control unit installation remove one bolt from the top or bottom of the handlebar control (perch) clamp.
- Place the mount in position and re-insert the bolt and tighten.
- 5 Dual Mount) Cross bar screw may not be accessed until the head screws are loosened inside the head cups. Loosen the head screws inside each of the two round holders and the hex screw on the cross bar unit, move it into position desired and tighten hex screw to lock cross bar in place, then continue to re-tighten the head screws inside each of the two round holders.
- Install the compass head (dual comes with compass head & clock or thermometer) into the holder/mount all the way as per instructions in the General Care section of these instructions.



Important Notes: When you loosen the allen screw on the dual mount, you can move the head left or right. The allen in front will allow you to turn the dual mount cross bar as you see in the photo. After you get everything adjusted, tighten the allen screws.

### IMPORTANT INSTALLATION NOTE:

When installing on a metric bike or bike with a perch clamp that uses a recessed bolt it will be necessary to add a washer or spacer and possibly use a longer bolt to assure the mount sits properly and the perch clamp remains tight.

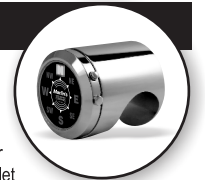


## TALON

The TALON Handlebar Quest Compass fits on 1" bars or may be used on 7/8" bars utilizing the included clear plastic spacer and cup point set screw. A separate 1 1/4" unit is also available.

The 1" bar TALON comes with compass head, one extra rubber compression ring, one plastic tipped set screw, one cup point tip set screw for use in 7/8" bar installation, one clear 1/16" plastic spacer for use in 7/8" bar installation and billet mount. 1 1/4" TALON comes with compass head, one extra rubber compression ring, one plastic tipped set screw and billet mount.

- Carefully remove the billet mount and parts bag from its package.
- To remove the compass head pry slowly under the bottom edge of the unit (at the six o'clock position on the clock face) with the long flat side of a knife or similar object in a screwdriver style motion. Make sure that the compass head does not fall and become damaged.
- 3A) For 1" or 1 1/4" handlebar installation Place TALON mount on bars in the position of your choice, making sure the mount is sitting down, in contact completely with the handlebars. (flat areas look best, avoid curves or areas the bar may not be a consistent thickness) Insert plastic tipped set screw in threaded hole and turn clockwise to tighten.
- 3B) For 7/8" handlebar installation Place TALON mount on 7/8" bars in the position of your choice using supplied 1/16" clear plastic spacer on the inside curve of mount with equal spacing around it to allow the mount and spacer to sit down in contact completely with the handlebars. Insert cup point tip set screw in threaded hole and turn clockwise to tighten against clear plastic spacer and handlebars.
- NOTE: With any machined threaded hole make sure the screw inserts smoothly and without binding. Oil or working the screw in and out several times may be required.
- 4) Install the compass head into the holder/mount securely and make sure it is in all the way as per instructions in the General Care section of these instructions.



Please contact Marlin's for service before returning item to dealer

Designed, Assembled & Quality Inspected In The U.S.A  
Components Sourced Globally