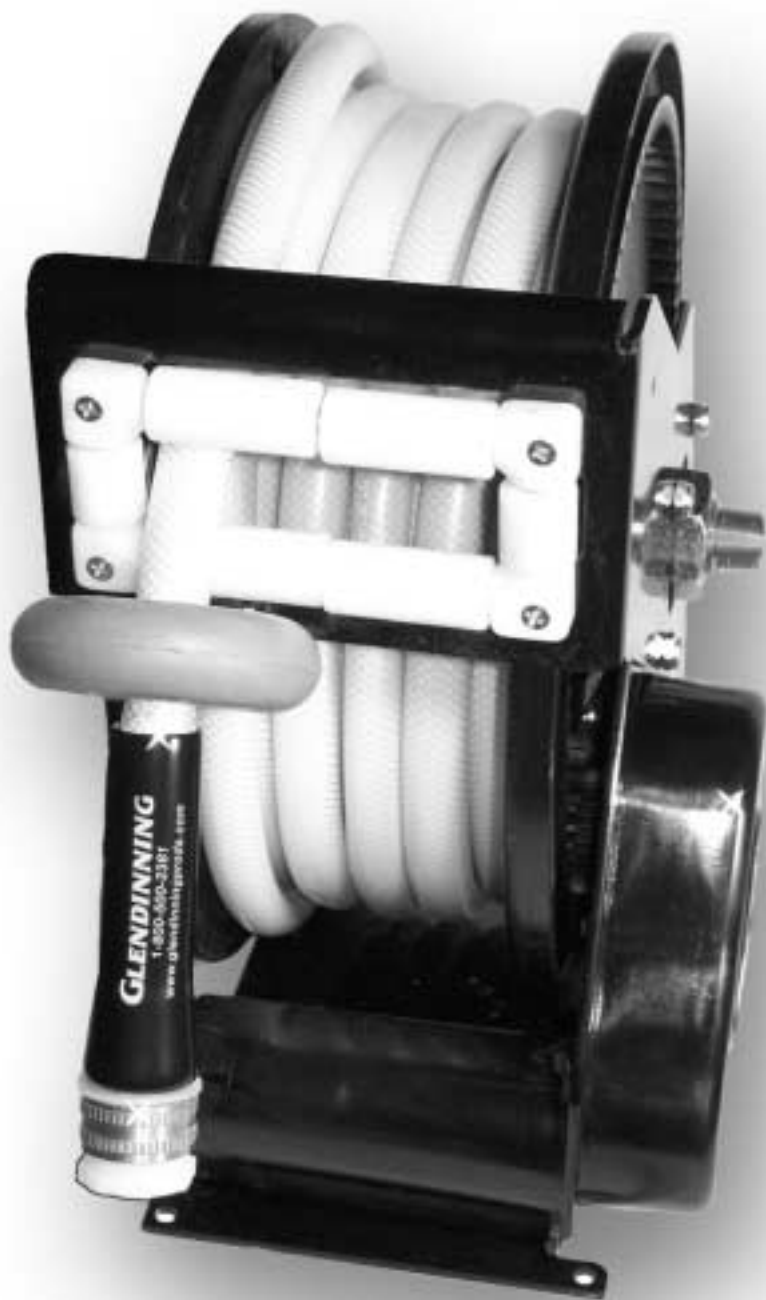


GLENDINNING

HoseMasterTM

Water Hose Retrieval & Storage System



GUIDE TO:

- DESCRIPTION
- INSTALLATION
- OPERATION

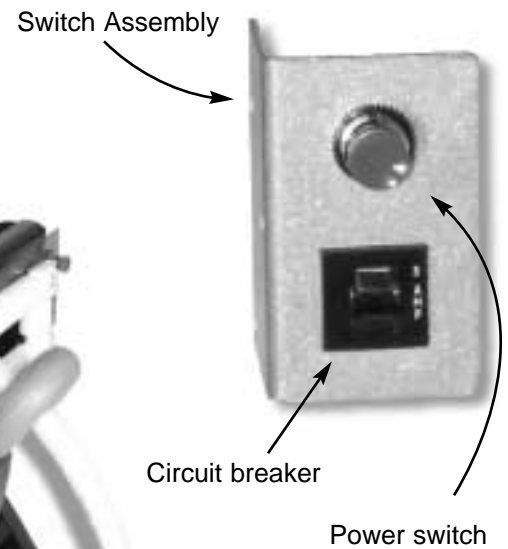
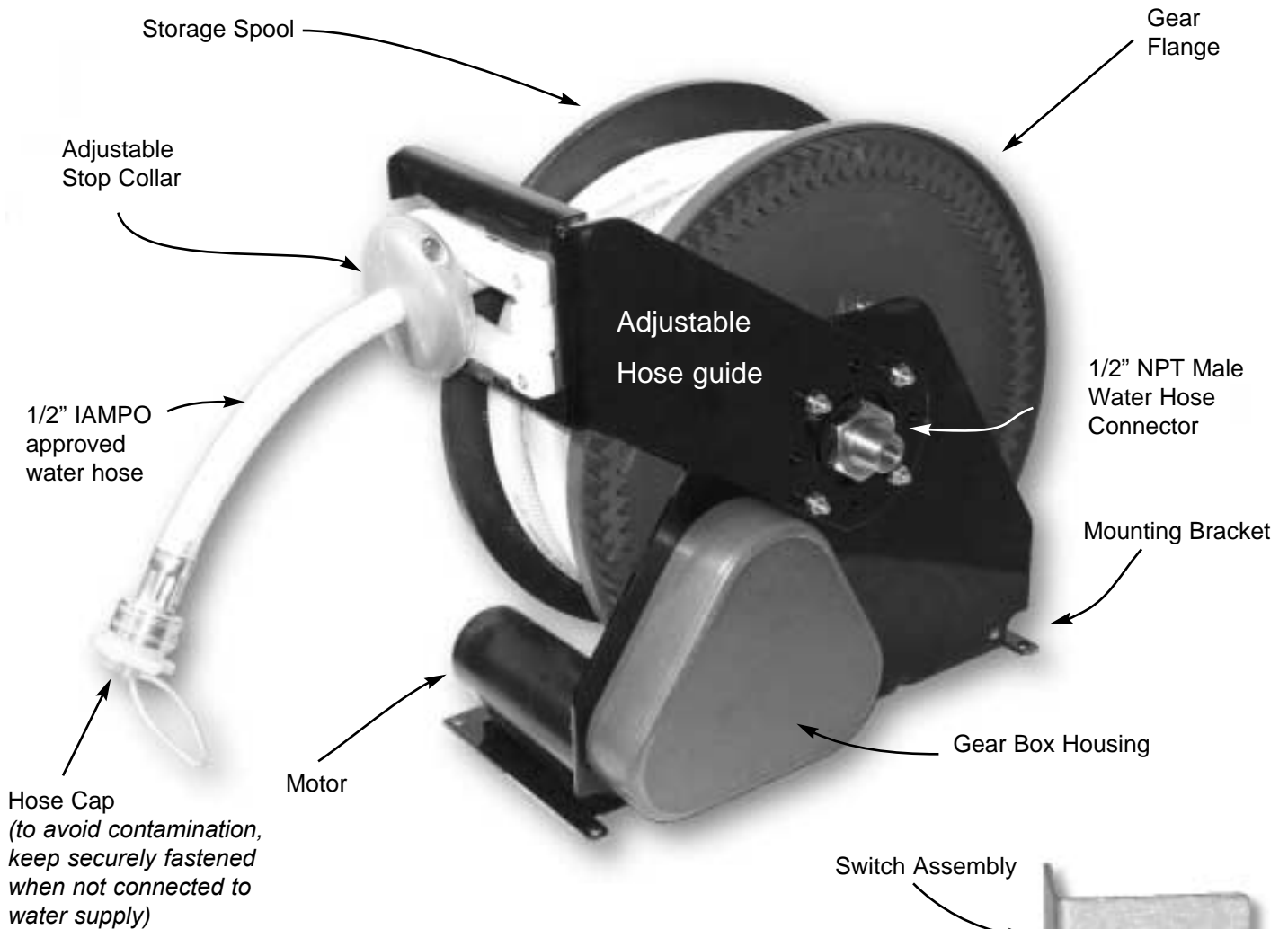


Custom Marine Services
Dist. Marine Electrical Prod.

Ph: (800) 992-7922
Fax: (800) 992-7923
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GETTING TO KNOW YOUR HOSEMASTER

OVERVIEW



- INSTALLERS WILL NEED:**
- 18" Teflon tape
 - 1 - Channel plyers
 - 1 - Wire stripper
 - 1 - Wire crimper
 - #2 - Phillips screwdriver
 - 1 - Drill bit
 - 7/8 Open end wrench
 - 1/4" Hex driver



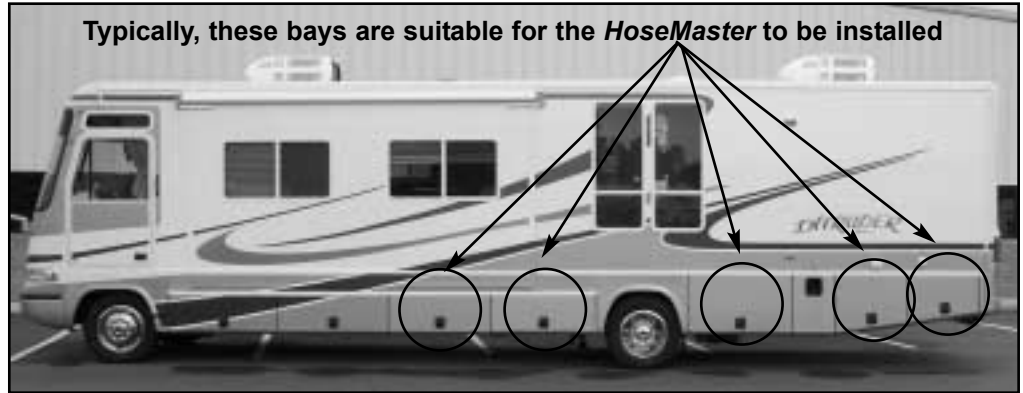


BEFORE INSTALLING THE HOSEMASTER

BEFORE installing your *HoseMaster*, consider the following three points:

1 LOCATION FOR THE HOSEMASTER :

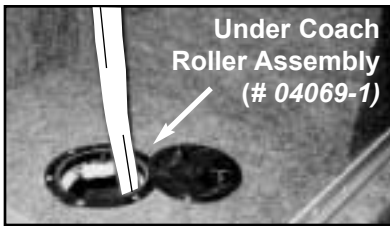
The first step in determining where to install your *HoseMaster* should be finding a suitable storage bay where the *HoseMaster* will fit. The *HoseMaster* has been designed to fit in the most space-challenged areas of your coach. The photo at right shows the most commonly used storage areas suitable on most coaches. The typical size requirement for the *HoseMaster* is 12.75" deep x 12.5" high x 7.5" wide. Perhaps the easiest location for the *HoseMaster* to be installed is in a storage bay that is near the coach's water supply. The *HoseMaster* may also be located away from the water supply area by using a length of water hose routed from the water supply line to the *HoseMaster*.



Typically, these bays are suitable for the *HoseMaster* to be installed

2 WATER HOSE EXIT :

The second step is determining where the water hose will exit the exterior of the coach. In many coaches, the hose will exit through the opened storage bay's access door. One option also available would be to have the water hose exit an access hole on the bottom of the storage area or bay (see photo at left). In other cases, the water hose may exit the side of the coach through a new or existing access door (similar to a fuel door). In either case, a route must be identified that the hose will take from where it is stored to the outside of the coach.



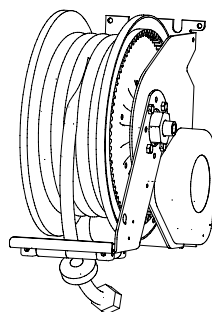
Under Coach Roller Assembly (# 04069-1)



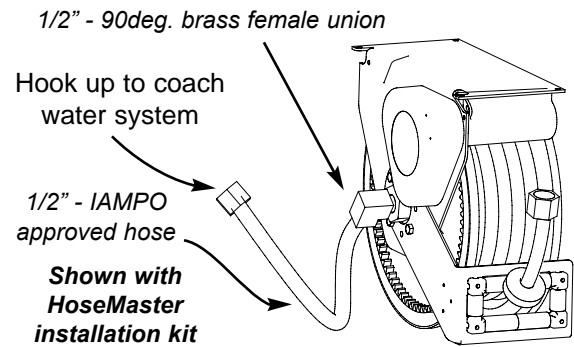
Storage Bay Access Door Exit

3 CONNECTION TO THE COACH WATER SYSTEM :

Connecting the *HoseMaster* to the coach's water system is very simple. In retrofits, simply route the existing hose line from the RV water system inlet port to where you have installed the *HoseMaster*. Cut the hose at a suitable length and attach a 1/2" NPT female connector. Attach the female connector to the 1/2" NPT male water hose inlet, located in the center of the main pulley wheel of the *HoseMaster*. If you prefer to replace your existing hose with a new one, then route a length of approved 1/2" water hose from the RV water system inlet port to the *HoseMaster* water outlet port and connect as described above (see drawing below).



BOTTOM MOUNT CONFIGURATION



TOPMOUNT CONFIGURATION

WALL MOUNT CONFIGURATION



INSTALLING THE HOSEMASTER

The *HoseMaster* system must be mounted in a location that is protected from the weather and that does not contain combustible fuels. Generally, an existing utility compartment near the water storage tank is an acceptable location.

Mount
HoseMaster



MOUNTING THE HOSEMASTER

In general, the *HoseMaster* system will be mounted to either the floor or the roof of the compartment where it will be located.

Determine where the *HoseMaster* will be mounted. It is very important to allow clearance for the *HoseMaster* storage spool to operate freely without obstruction or interference, and for the connection of the water hose from the RV water supply.

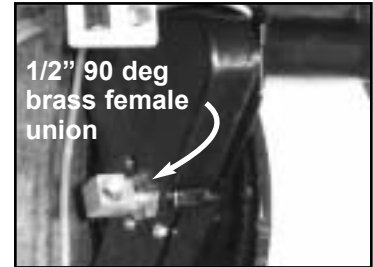
Install the mounting bracket by using four (4) #10 fasteners (*HINT: Unspooling the water hose before mounting the HoseMaster can aid installation in tight spaces.*)

CONNECTING THE HOSEMASTER TO THE COACH'S WATER SYSTEM

As mentioned in section 3 of the Installation Guide (opposite page), the connection of the *HoseMaster* to your coach's water system is fairly straightforward and simple.

To retrofit the *HoseMaster* to your coach simply route the existing hose line from the RV water system inlet port to where you have installed the *HoseMaster*.

Attach the female connector to the 1/2" NPT male water hose connector, located in the center of the main pulley wheel of the *HoseMaster*.



Connect to RV
water system

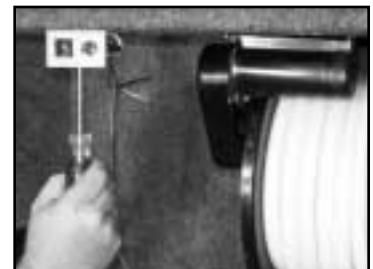
Cut the hose at a suitable length and attach a 1/2" NPT female connector.

If you prefer to replace your existing hose with a new one, then route a length of IAPMO approved 1/2" water hose from the RV water system inlet port to the *HoseMaster* water connector as described above (*see pg. 10 for Accessories.*)

MOUNTING THE HOSEMASTER POWER SWITCH

The *HoseMaster* power switch comes already assembled, simply mount the power switch bracket to the sidewall of the compartment with (2) #8 fasteners (needed).

You are now ready to connect the *HoseMaster* to your coach's electrical system.



Mount power switch



WIRING INSTRUCTIONS

The *HoseMaster* comes with (2) 14 gauge wires attached to the motor via the power switch assembly. These wires should be connected to the 12VDC power source. The white wire should be connected to the positive terminal and the black wire should be connected to the negative terminal. It is important to install a 10amp fuse close to the power source in-line with the white wire. This installation will prevent damage to your coach (*see wiring diagram page 7.*)

Make sure all connections are secure.

If you are NOT familiar with the standards and practices for DC electrical systems it is STRONGLY RECOMMENDED that you contact a qualified electrician.



OPERATING INSTRUCTIONS

To operate the *HoseMaster*, follow these steps:

- **PULL OUT ONLY** the amount of hose required to reach the campground water supply bib.
- **TURN ON** the campground water supply to remove any standing water, then turn OFF.
- **REMOVE** the *HoseMaster*'s hose cap and inspect gasket.
- **SCREW THE FEMALE HOSE FITTING** onto the campground water supply bib until leak-tight.
- **TURN ON** the campground water supply. Coach is now being equipped with water from campground supply.

Keep the female hose hookup clean at all times to avoid contamination. Keep the hose cap (pg. 2) installed whenever the hose is disconnected from a supply bib!

When ready to get underway:

- **TURN OFF** campground water supply and release hose pressure by disconnecting hose from supply.
- **INSPECT HOSE CAP** for contamination; clean if necessary and screw hose cap onto water hose.
- **PUSH AND HOLD** the *HoseMaster* power switch (red button). *HoseMaster* will electrically retrieve the water hose and store it on the self winding wheel.
- When hose has been retracted, **RELEASE** the push-button power switch to stop the unit (*continuing to push the power button may cause damage to the motor and will cause the circuit breaker switch to trip—reset before next use*).

REMEMBER:
Always disconnect AND fully retract your water hose BEFORE moving your vehicle!



MAINTENANCE

The *HoseMaster* was designed for longevity of operation with very little maintenance required. When dealing with a drinking water safe device, it is extremely important to keep exposed parts that come into contact with water free of debris or contaminants. With each use of the *HoseMaster* always **REPLACE THE HOSE CAP** when the water hose is disconnected from a supply source.

CHECK TO MAKE SURE NOTHING IS RUBBING or binding on the storage spool.

CHECK ALL WIRING CONNECTIONS, at least once a year, to be sure they are secure and free of corrosion.



TROUBLE SHOOTING GUIDE

COMPLAINT	PROBABLE CAUSE	RECOMMENDED ACTION
Non-functional (either no power or unit has power and does not respond)	<ul style="list-style-type: none"> ○ Tripped breaker ○ Blown fuse at power source ○ Power wire incorrectly connected to power source ○ Defective motor 	<ul style="list-style-type: none"> ○ Reset breaker ○ Check power source fuse and connections, reconnect or replace if necessary ○ With power switch on and voltage across motor wires — if no response, replace motor
Pays out hose only	<ul style="list-style-type: none"> ○ Power inputs reversed 	<ul style="list-style-type: none"> ○ Check polarity on DC input wires
<i>HoseMaster</i> stops retracting while button is being pushed	<ul style="list-style-type: none"> ○ Hose jammed during retraction causing breaker to trip 	<ul style="list-style-type: none"> ○ Reset breaker ○ Pay out hose and rewind

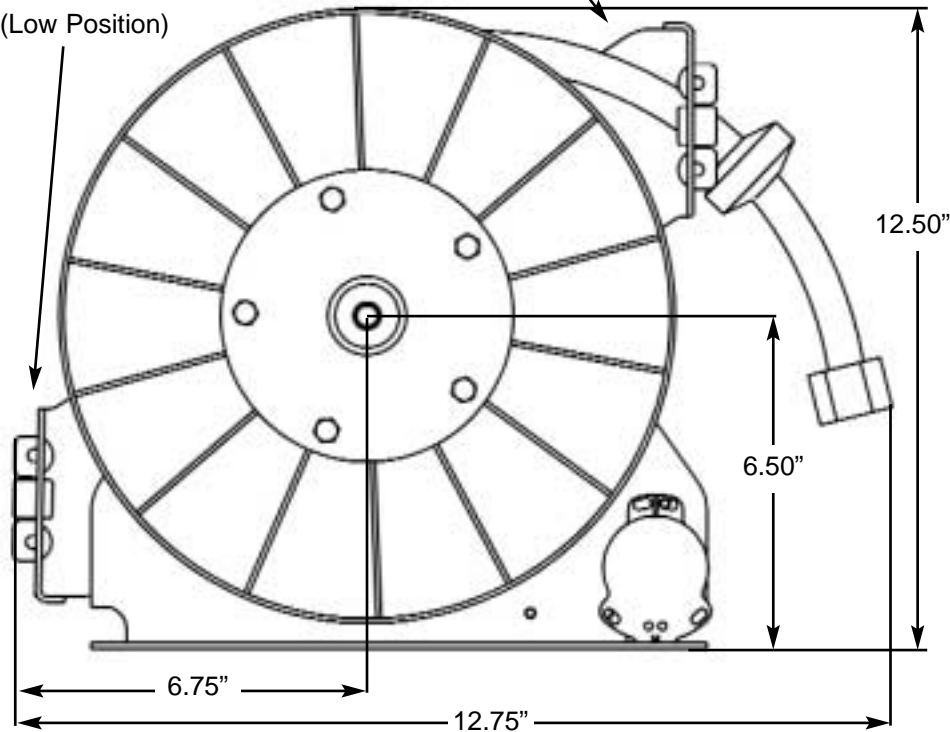


HOSEMASTER DIMENSIONS

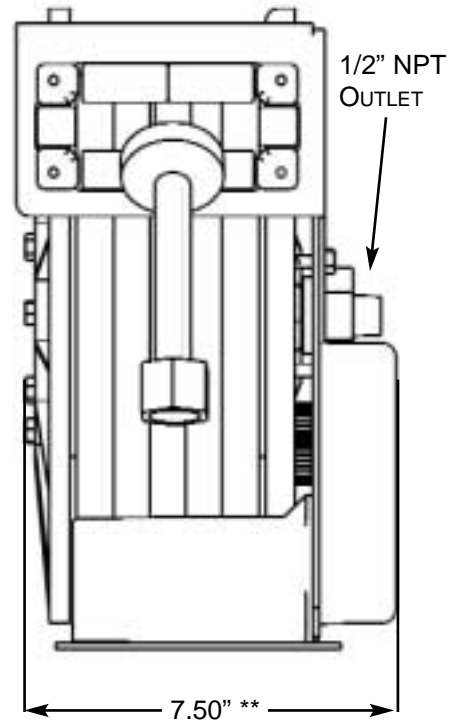
ADJUSTABLE HOSE GUIDE
(SEE BELOW ON HOW TO ADJUST)

(High Position)

(Low Position)



****NOTE:** Reel with 35' hose capacity shown — For 50' hose capacity, add 1" to width dimension (+1"= 8.50")



HOW TO ADJUST THE HOSE GUIDE

What you will need:

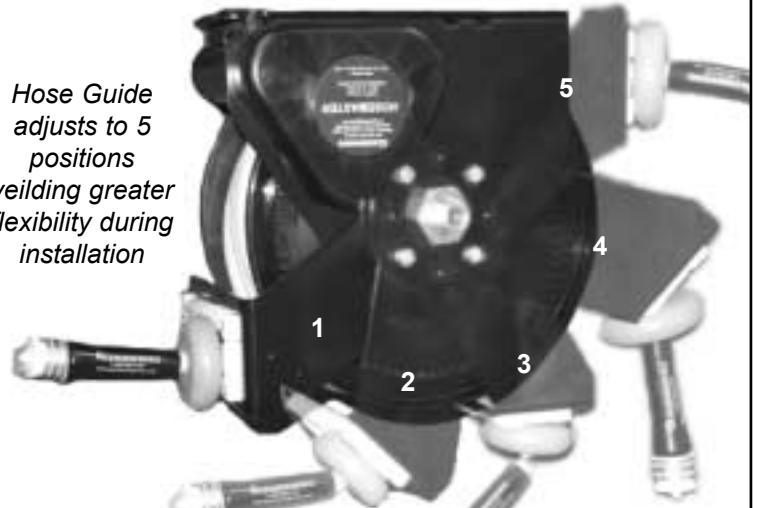
- 7/16" socket
- 7/16" open-end wrench

Follow these steps:

- 1—Remove the (4) bracket nuts on the face of the hose guide. *Be careful not to remove the bolts.*
- 2—Remove the adjustable hose guide.
- 3—Reinstall hose guide arm by aligning bolts to holes when at desired position.
- 4—Carefully replace hose guide and attach the (4) bracket nuts (*step 1*). Tighten all nuts on hose guide.

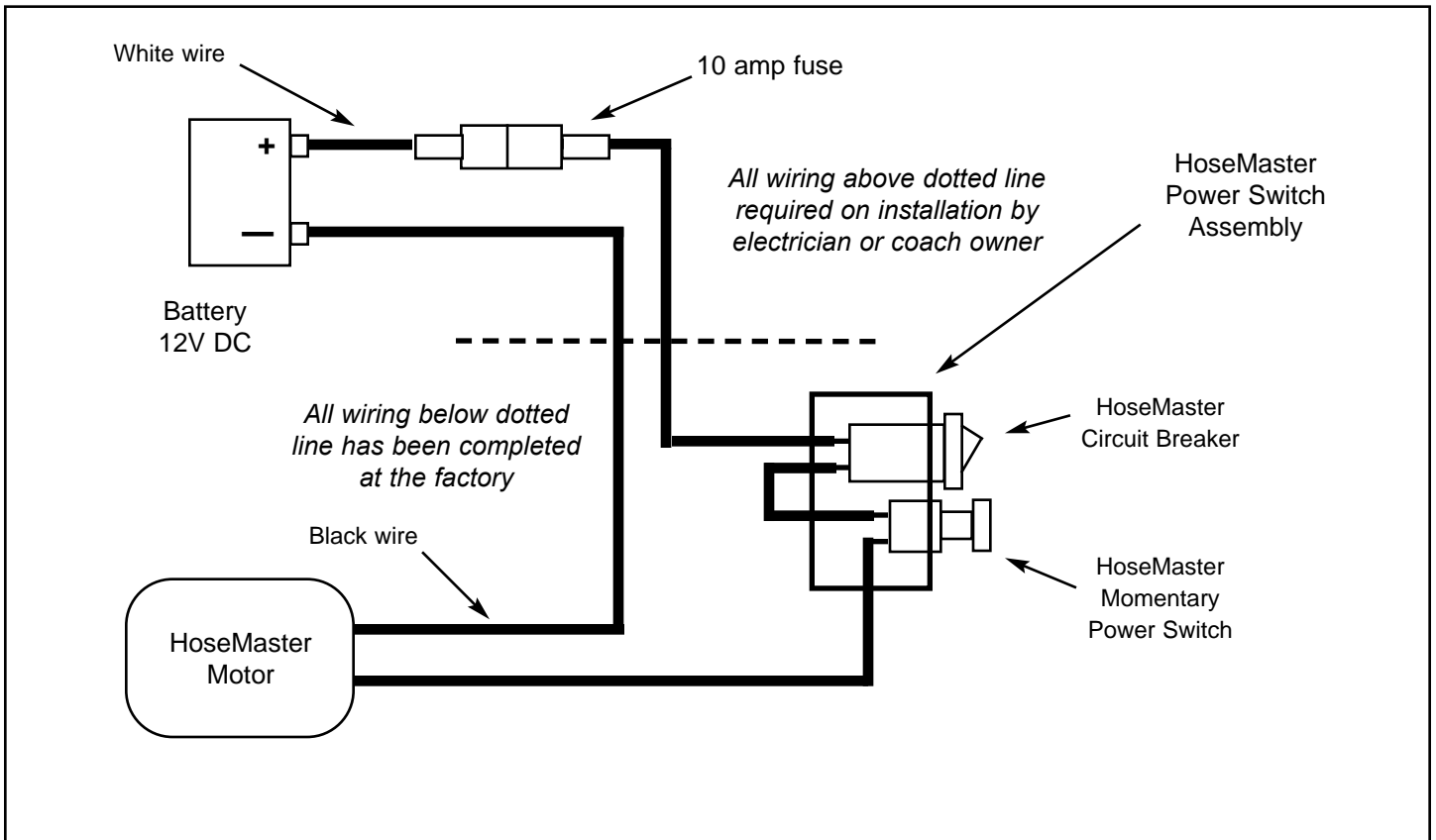


Hose Guide adjusts to 5 positions yielding greater flexibility during installation





HOSEMASTER WIRING DIAGRAM



WARNING: If you are not sure on how to wire your HoseMaster DO NOT ATTEMPT TO CONNECT POWER TO THE UNIT, contact a qualified electrician.


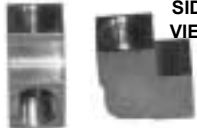












The 2 wire connection to vehicle power is all that is required for installation of the Glendinning *HoseMaster*. All other wiring has been completed at the factory.

IMPORTANT: Install a 10-amp fuse between the positive terminal of the power supply and the white wire which leads to the circuit breaker on the power switch assembly. This circuit will protect your coach in the event that the wire which supplies power to the *HoseMaster* is chaffed or cut.

The circuit breaker that comes installed in the power switch assembly provides protection against the overloading of the *HoseMaster* motor.



HOSEMASTER ACCESSORIES

PART NUMBER	DESCRIPTION	
51564	WATER PRESSURE REGULATOR — <i>some campsites have extremely high pressure at the water source. Protect both your water supply hose and plumbing system by installing this regulator between the HoseMaster and the campsite water source.</i>	
51563	1/2" NPT ELBOW — <i>this accessory is used when space constraints dictate a bend at the hose reel hookup (when mounting adjacent to the storage bay wall).</i>	 <p style="text-align: right;">SIDE VIEW</p> <p style="text-align: left;">FRONT VIEW</p>
51565	1/2" MPT X 1/2" MPT UNION — <i>this accessory is used to attach two female connectors in the plumbing system.</i>	
51562	1/2" MPT X 1/2" BARBED ADAPTER — <i>this accessory is used to attach 1/2" hose to a 1/2" nptf in the plumbing system.</i>	
51561	GHTM - 1/2" BARBED ADAPTER — <i>this accessory is used to attach 1/2" hose to a 1/2" nptf in the plumbing system.</i>	
51566	1/2" MPT X 1/2" MPT CHECK VALVE — <i>this accessory is used in the water supply system to prevent backflow.</i>	
51567	GHTF X 1/2" FPT CHECK VALVE W/CAP & LANYARD — <i>same as above.</i>	
51568	1/2" FPT X 1/2" FPT COUPLER — <i>this accessory is used to attach two male connectors.</i>	
51569	1/2" FPT X GHTM ADAPTER— <i>this fitting is used to adapt male pipe thread to garden hose female thread.</i>	
05516	MOUNTING HARDWARE — <i>this package contains a variety of screws and washers used to mount the hose reel to your coach.</i>	
75551	1/2" HOSE CLAMP — <i>this accessory is used to adapt flexible hose to a barbed fitting.</i>	
85558	HOSE CAP WITH LANYARD — <i>this accessory is used to keep contaminants out of the drinking water safe 1/2" IAMPO water hose.</i>	
87550	WASHERS — <i>6 pack of drinking water safe, garden hose washers.</i>	
05515	INSTALLATION KIT — <i>this kit contains:</i> — <i>mounting hardware, 5' hose (1/2" npt to GHTM),</i> <i>5' 14-gage wire with butt connectors, and a 90 degree elbow</i>	



HOSEMASTER PRODUCT REGISTRATION

Please take a moment to validate your product warranty by mailing in this card with the proper information.

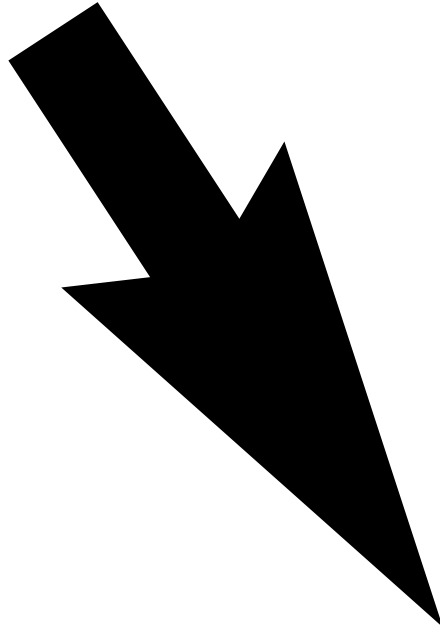
FOLLOW THESE SIMPLE STEPS :

STEP 1: Fill in the registration card.

STEP 2: Cut along dotted line.

STEP 3: Affix correct postage.

STEP 4: Drop in mailbox.



***OR SEND VIA FAX TO:
(843) 399-5005***



HOSEMASTER WARRANTY REGISTRATION



NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

COUNTRY _____ PHONE _____ EMAIL _____

COACH MODEL & YEAR OF MANUFACTURE _____

HOSEMASTER SERIAL NUMER _____

WHAT WOULD YOU LIKE TO SEE IMPROVED / CHANGED? _____

WOULD YOU LIKE TO RECEIVE INFO ON NEW PRODUCTS FROM GLENDINNING?
YES NO

THANK YOU!

PRODUCT WARRANTY INFORMATION

PLACE
STAMP
HERE



**740 CENTURY CIRCLE
CONWAY, SC 29526-8274
USA**