

Morgan[®]

Spa Parts Catalog



aqua-flo
By Carter



SloanLED
Leaders in LED Technology



Waterway

Family Fun Since '61

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Order Form








Rising Dragon

(From 2006-Present)

We started using Rising Dragon in the later part of 2006 and continue to use them today. They are available in grey or stainless steel. Spas with S Packs (325, 475, & 598's) will generally have grey jets and ones with XM packs (730, 830, & 850's) will generally have stainless steel, although they can be changed if the customer requests.

| | Part # | Description | O.D. | Length | Price |
|---|--------|---------------|--------|--------|--------|
|  | 842945 | 1" Dir. Face | 2" | 1 1/8" | \$0.48 |
|  | 842946 | 1" Dir. SS | 2" | 1 1/8" | \$0.48 |
|  | 842943 | 1" Flutter | 2" | 1 1/8" | \$0.48 |
|  | 842944 | 1" Flutter SS | 2" | 1 1/8" | \$0.48 |
|  | 842681 | 1" Body | 1 1/2" | 2 1/2" | \$4.22 |

| | Part # | Description | O.D. | Length | Price |
|--|--------|---------------|--------|--------|--------|
|  | 842693 | 2" Dir | 2 1/2" | 3 1/2" | \$3.54 |
|  | 842948 | 2" Dir. SS | 2 1/2" | 3 1/2" | \$3.54 |
|  | 842713 | 2" Flutter | 2 1/2" | 3 1/2" | \$3.54 |
|  | 842947 | 2" Flutter SS | 2 1/2" | 3 1/2" | \$3.54 |
|  | 842690 | 2" Body | 2 1/4" | 3 5/8" | \$2.39 |
|  | 842691 | 2" Nut | 2 3/8" | 1/2" | \$0.94 |
|  | 842692 | 2" O Ring | 2 1/8" | 1/8" | \$0.44 |



| | Part # | Description | O.D. | Length | Price |
|---|--------|---------------|--------|--------|--------|
|  | 842687 | 3" Dir. | 3 3/8" | 3 5/8" | \$3.90 |
|  | 842950 | 3" Dir. SS | 3 3/8" | 3 5/8" | \$3.90 |
|  | 842683 | 3" Flutter | 3 3/8" | 3 5/8" | \$6.33 |
|  | 842949 | 3" Flutter SS | 3 3/8" | 3 5/8" | \$6.33 |
|  | 842684 | 3" Body | 2 3/4" | 3 5/8" | \$2.55 |
|  | 842685 | 3" Nut | 2 7/8" | 3/4" | \$1.12 |
|  | 842686 | 3" O Ring | 2 1/2" | 1/8" | \$0.50 |

| | Part # | Description | O.D. | Length | Price |
|---|--------|---------------|---------|--------|--------|
|  | 842697 | 4" Dir. | 4 ¼" | 4 ½" | \$5.54 |
|  | 842952 | 4" Dir. SS | 4 ¼" | 4 ½" | \$5.54 |
|  | 842688 | 4" Flutter | 4 ¼" | 4 ½" | \$5.54 |
|  | 842951 | 4" Flutter SS | 4 ¼" | 4 ½" | \$5.54 |
|  | 842689 | 4" Body | 3 3/8" | 4 3/8" | \$5.07 |
|  | 842695 | 4" Nut | 3 ¼" | 5/8" | \$1.33 |
|  | 842696 | 4" O Ring | 3 1/16" | 1/8" | \$0.62 |



| | Part # | Description | O.D. | Length | Price |
|---|--------|---------------|--------|--------|--------|
|  | 842714 | 5" Dir. | 5" | 5 1/2" | \$7.07 |
|  | 842954 | 5" Dir. SS | 5" | 5 1/2" | \$7.07 |
|  | 842698 | 5" Flutter | 5" | 5 1/2" | \$7.07 |
|  | 842953 | 5" Flutter SS | 5" | 5 1/2" | \$7.07 |
|  | 842699 | 5" Body | 4 3/4" | 5 3/8" | \$5.30 |
|  | 842700 | 5" Nut | 4 7/8" | 3/4" | \$2.11 |
|  | 842701 | 5" O Ring | 4 1/2" | 1/8" | \$0.81 |

Ozone Jets

Rising Dragon ozone jets use the same body as the 1" jets.

| | Part # | Description | O.D. | Length | Price |
|---|--------|----------------|------|--------|--------|
|  | 842941 | Grey Ozone Jet | 2" | 1" | \$0.48 |
|  | 842942 | SS Ozone Jet | 2" | 1" | \$0.48 |

Air Injectors

| | | | | | |
|---|--------|---------------|--------|--------|--------|
|  | 842884 | SS Air Inj. | 2" | 1" | \$3.57 |
|  | 842882 | Air Inj. Body | 1 1/2" | 1 1/4" | \$0.90 |

'97 HydroAir Jets (1997-2006)

In 1997 we went back to HydroAir for jets. These new jets were called '97 Hydros. They were used for about 10 years, up to 2006. They were only available in grey and came in 3 different sizes: Euro, Accent, and Luxury.



A

B

C

Luxury Jets




OD = 3 ¾" Length = 2 ½"

- A Old face, old back
- B New face, old back
- C New face, new back

Difference in New and Old Style






Note the back of these jets. They are the same type of jet, and from the front they look identical. The one on the left is an old style where as the one on the right is a new style. If you have an old style, the face of the replacement might look a little different but the back is what's important. The part numbers are the same so you have to note whether it is a new, or old style. If you don't, you will get a new style.

| | Part # | Description | Price |
|---|--------|------------------------|---------|
|  | 842665 | Hydro Lux. Directional | \$7.00 |
|  | 842678 | Hydro Lux. Flutter | \$15.95 |
|  | 842663 | Hydro Lux. Body | \$15.70 |

The one on the left is for the old style and the one on the right is for the new style. Once again, note that the part numbers are the same and you will need to tell us if you need a new or old style.

Accent Jets

These are all interchangeable. Old can be replaced with new.
 Old OD=2 5/8" Length=1 7/8" New OD=2 7/8" Length=1 7/8"


| | Part # | Description | Price |
|--|--------|--------------------------|---------|
|  | 842891 | Hydro Accent Directional | \$11.00 |
|  | 842905 | Hydro Accent Flutter | \$11.95 |
|  | 842772 | Hydro Accent Body | \$6.75 |

Once again, the one on the left is the old style and the one on the right is the new style.
 Remember to state which one you need.

Euro Jets

OD = 1 ¾" Length = 1 ¼"

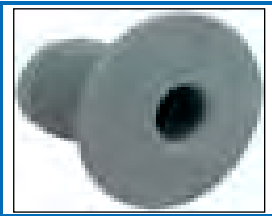
Euro jets were the only non-adjustable jets used at that time. They were simple on, or off, controlled by the pump only. There may be some different looks to these jets but these are the only thing we have to replace them. These come with the bodies.

| | Part # | Description | Price |
|---|--------|------------------------|--------|
|  | 842785 | Hydro Euro Flutter | \$7.25 |
|  | 842791 | Hydro Euro Directional | \$7.35 |

Ozone Jets

OD = 1 ½" Length = 2 ¾" (With Body)



Every spa has one ozone jet in the footwell regardless of if it has an ozonator or not. It is just a flat face. There is no flutter or directional eyeball. There is also no air control to this jet. It has constant air supply from the ozonator. It comes with the body.

| | | | |
|---|--------|-----------------|--------|
|  | 842830 | Hydro Ozone Jet | \$7.50 |
|---|--------|-----------------|--------|

Mini Cyclone Jets

OD = 5 ¼" Length = 5"

These were used as Jumbo Jets in some 598's. There would only be one in a spa if it has one.

| | Part # | Description | Price |
|---|--------|---------------------|---------|
|  | 842902 | Mini Cyclone Jet | \$31.85 |
|  | 842671 | Mini Cyclone Body | \$7.88 |
| | 842672 | Mini Cyclone Ring | \$0.40 |
| | 842673 | Mini Cyclone Nut | \$0.74 |
| | 842676 | Mini Cyclone Gasket | \$1.01 |

Waterway Jets

OD = 2 5/8" Length = 1 3/4"

As far as regular jets go, this is the only size for Waterway jets, unless you go to Jumbo Jets or Misc. Jets like Mini Air Injectors.

| | Part # | Description | Price |
|---|--------|------------------------|--------|
|  | 842759 | WW Directional (White) | \$3.15 |
|  | 842774 | WW Directional (Grey) | \$6.75 |
|  | 842762 | WW Flutter (White) | \$7.35 |
|  | 842777 | WW Flutter (Grey) | \$9.70 |
|  | 842756 | WW Body | \$5.25 |
|  | 842758 | WW Faceplate w/ Gasket | \$4.58 |

Orifices



Old Style Orifice




New Style Orifice

Part # 842757 Price \$4.00

A while back, Waterway redesigned these jets. The old ones worked by the 4 fingers of the jet turning the 4 fingers of the orifice. The new ones work from a hexagon hole in the bottom of the jet turning a hexagon shaft on the orifice. If you need a new jet and the old jet doesn't have the hexagon hole in the back, you will need to replace the orifice with a new style as well.

Waterway Cluster Jets

| | Part # | Description | Price |
|---|--------|----------------------------|--------|
|  | 842808 | Adjustable Cluster Jet | \$9.45 |
| | 842807 | Non-Adjustable Cluster Jet | \$3.47 |

OD = 1 1/2" Length = 2 3/4"

Most of these are non-adjustable sm. Jets. They are also used as ozone jets in older tubs. They come complete with body and gasket.

Waterway Neck Jets



These were the first neck jets we used. We actually still use it on the St. Thomas.

| | Part # | Price |
|--------------------------------------|---------|---------|
| Complete Jet - Grey (Body & Nozzle) | 842773 | \$13.50 |
| Complete Jet - White (Body & Nozzle) | 842840 | \$13.50 |
| Replacement Nozzle & Retaining Ring | 842782* | \$8.15 |
| Replacement Body w/ Flange & Gasket | 842839 | \$3.28 |

*Please state which color when ordering.




American Products

American Products Luxury Jets

OD = 3 ½" Length = 4 ½"

Most older spas will have American Products luxury jets. They were used from the early '90's to somewhere around 1997. As of early this year (2009), we still have some of every kind of jet, but they no longer make these in white. Once we run out, all replacements will have to be in grey.

| | Part # | Description | Price |
|---|--------|----------------------------|---------|
|  | 842715 | White AP Lux. Flutter | \$26.50 |
|  | 842732 | White AP Lux Directional | \$22.50 |
|  | 842667 | Gray AP Lux Flutter | \$18.40 |
|  | 842675 | Gray AP Lux Directional | \$11.40 |
|  | 842730 | AP Lux Body (Hard Plumbed) | \$16.00 |

| | Part # | Description | Price |
|---|--------|-------------------------|---------|
|  | 842723 | AP Lux Body (Tubing) | \$16.00 |
|  | 843881 | AP Lux Faceplate | \$10.20 |
|  | 842875 | AP Lux Faceplate Gasket | \$4.00 |



Please note that when ordering any part of the body (body, faceplate, or gasket) that these numbers are also used for the early style HydroAir. These were used before American Products in the '80's.

Accent Jets

Both American Products and Waterway accent jets were used with American Products Luxury Jets. If you have American Products Luxuries that does not necessarily mean you American Products Accents. Look at the faces. One actually has a nozzle, where as the other has more of a flat face. The backs are also different. One has 4 legs while the other has 2.

American Products

OD = 2 1/2" Length = 1 7/8"
 These are only available in white.

| | Part # | Description | Price |
|--|--------|-----------------------|---------|
|  | 842742 | AP Accent Directional | \$15.00 |
|  | 842751 | AP Accent Flutter | \$18.00 |



AP Accent Body
(Hard Plumbed)



AP Accent Body
(Tubing)



AP Accent Faceplate



AP Accent Gasket

| Part # | Price |
|--------|---------|
| 842749 | \$26.00 |

This part number is for the complete body. If you need to replace the body, you're better off replacing it with a complete Waterway jet, because these are hard to come by.

Swirlpool Jets

OD = 4 3/4" Length = 6 3/8"

There is normally only one of these jets in a tub. They look similar to the Luxury, but are a little larger.




| | Part # | Description | Price |
|---|--------|----------------------------|---------|
|  | 842735 | Lg. Swirlpool Jet | \$45.00 |
|  | 843005 | Sm. Swirlpool Jet | \$38.00 |
|  | 843000 | Swirlpool Body Only | \$16.72 |
|  | 842896 | Swirlpool Faceplate | \$4.06 |
|  | 842892 | Swirlpool Faceplate Gasket | \$2.08 |

Jumbo Jets

A true jumbo jet is usually only in upper level spas (like today's 830 and 850.) These jets all spin, and are around 7" in diameter. Listed from newest to oldest.

Custom Molded Products





(2002-Present)

| | Part # | Description | Price |
|--|---------|--------------------|---------|
|  | 842784 | Grey CMP Jumbo Jet | \$83.38 |
|  | 842784* | SS CMP Jumbo Jet | \$83.38 |
|  | 842778 | CMP Jumbo Jet Body | \$20.43 |

* Stainless Steel doesn't have it's own part number yet. When ordering a stainless steel jet, be sure to specify stainless steel. If not noted, you will receive a grey one.

Waterway





(1996-2002)

| | Part # | Description | Price |
|--|---------|------------------------------|---------|
|  | 842798 | Grey WW Jumbo Jet | \$60.00 |
|  | 842825 | White WW Jumbo Jet | \$60.00 |
|  | 842802 | WW Jumbo w/ Long Skinny Back | \$56.30 |
|  | 842811* | WW Jumbo Jet Body | \$28.00 |

* This number is for both bodies. When ordering, note which kind of jet will be used. If not noted, you will receive the wide back style like the 842798 and 842825.

Old HydroAir



(1988-1996)

| | Part # | Description | Price |
|--|--------|--------------------|---------|
|  | 842814 | Flow Path Assembly | \$28.00 |
|  | 842910 | Grill w/ Insert | \$22.00 |
|  | 842917 | Insert Only | \$8.25 |
|  | 842921 | Gasket | \$5.50 |

New Waterway Jumbo's

(Current)

This is a jet that we are using in place of the Custom Molded Products jumbo jet. The problem with all jumbo jets that spin is the nozzle comes apart after some time. This one has no nozzle. It's a maintenance free jet, but you lose the flutter action. As of now, it's only available in stainless steel, because jumbo jets are only in higher end spas, which come with stainless steel. It is not yet decided if this will permanently replace the Custom Molded jet or if it is only temporary.

| | Part # | Description | Price |
|--|--------------|----------------------------|-------|
|  | 842784 WW SS | New Waterway SS Jumbo | N/A |
|  | 842778 WW SS | New Waterway SS Jumbo Body | N/A |

Other Jets



| | Part # | Description | O.D. | Length | Price |
|---|--------|------------------------------|---------|--------|--------|
|  | 842852 | Top Flow Air Injectors | 1 1/2" | 2" | \$4.20 |
| Left = Old Style Right = New Style | | | | | |
|  | 845950 | Mini Air Injector | 3/4" | 1 3/8" | \$4.00 |
| These may also be called Niche Drains. | | | | | |
|  | 843690 | Mini Drain | 1 7/8" | 1 7/8" | \$5.35 |
|  | 842793 | Air Channel Injector (ACI's) | 5/8" | 1/2" | \$2.35 |
| | Part # | Description | Price | | |
|  | 842920 | Volcano Jet | \$20.58 | | |
|  | 842901 | Multiport Foot Jet | \$25.20 | | |

Old Style HydroAir (1980's)

These are one of the earliest jets we had. They came in brown or white. If you want brown you will have to specify that, as the standard color is white. The easiest way to identify these is by the grill on the flutter jets. It looks like a Mercedes Benz grill.

Luxury Jets



| Brown Picture | White Picture | Part # | Description | Price |
|---|---|---------|-------------------|---------|
|  |  | 842730* | Body | \$16.00 |
|  |  | 842881* | Dir. Faceplate | \$10.20 |
|  |  | 842881* | Flutter Faceplate | \$10.20 |
|  |  | 842875* | Gasket | \$4.00 |
|  |  | 842770 | Flow Path & Grill | \$25.00 |

| Brown Picture | White Picture | Part # | Description | Price |
|---|---|--------|-----------------|--------|
|  |  | 842746 | Dir. Repair Kit | \$9.80 |

*These parts use the same part numbers as American Products. When ordering HydroAir with these numbers, be sure to give a description and say they are for the early Hydro. If you do not, you will receive an American Products.

Accent Jets




There aren't very many replacement parts for these jets. This is all we have.

| | Part # | Description | Price |
|---|--------|------------------------------------|---------|
|  | 842790 | Repair Kit for Accent Dir. | \$12.31 |
|  | 842810 | Repair Kit for Non-Adjustable Dir. | \$3.50 |



Custom Molded Plastics

Luxury Jets

These jets were used for a very short time. They look similar to the newer HydroAir but with a smoother face. We still have these in stock, but being only used for a short time, they were never given a part number. Use the same part numbers, and prices, as you would use on the newer HydroAir, but be sure to state that you need the special Custom Molded Plastics when ordering.

| | Suggested P/N | Description | Price |
|---|---------------|-----------------|---------|
|  | 842664 | CMP Directional | \$7.00 |
|  | 842678 | CMP Flutter | \$15.95 |
|  | 842663 | CMP Body | \$15.70 |




Waterfalls

| | Part # | Description | Price |
|---|--------|----------------------------------|---------|
|  | 842823 | 7" Cascade Waterfall (for 598's) | \$21.58 |
|  | 842821 | 6" Grey Waterfall | \$21.70 |
|  | 842809 | 6" LED Waterfall | \$25.80 |
|  | 842813 | 8" LED Waterfall | \$48.32 |
|  | 842817 | Waterfall Jet Assembly | \$20.73 |
|  | 842866 | Old Air Inj. Style Waterfall | \$5.65 |

Digital Circuit Boards/Packs

LD stands for Last digit of Model Number.

Balboa (1995-98)

| Part # | Description | LD of Model # | Price |
|---|--------------------------|---------------|----------|
|  844112 | Analog/Convertible Board | M or F | \$311.00 |
|  844102 | 150 Serial Deluxe Board | 3 | \$410.00 |
|  844145 | 150 Digital Deluxe Board | 8 | \$330.00 |

The easiest way to tell the difference between an 844102 and an 844145 is the way the main touchpad plugs in.



Brett Digital (1997-98 120/240 Convertible Packs Only)

This part is listed only as a reference. Brett Digital went out of business years ago. An easy way to identify one of these is that the display on the touchpad is green and the cord can be unplugged from both the board and the touchpad. The only way to repair a spa with a Brett Digital system is to retrofit it to a Gecko S-Pack.




Brett Digital to Gecko S-Pack Retro Kit

| Part Number | Description | Price |
|-------------|--------------------------|--------|
| 844026 | S-Pack | 389.00 |
| 845105 | Heater | 77.00 |
| 845220 | Pressure Switch | 35.00 |
| 844032* | K-19 Touchpad | 127.00 |
| 844144 | Temp Sensor Wall Fitting | 1.12 |
| 844151 | Temp Sensor Mount | 8.06 |

Total Price \$637.18

*When getting a touchpad for this system, use an 844048 overlay.

Gecko (1998-Present)

| Part # | Description | LD of Model # | Price |
|---|-----------------|---------------|----------|
|  844026 | S-Pack | Q, U, or L | \$389.00 |
|  844007* | 007 Gecko Board | D or E** | \$368.00 |
|  844087 | Gecko "XM" Pack | D or E** | \$458.36 |

**D and E were used on both the 007 boards and the "XM" packs. If it were built before 2007, it would be an 844007. If it were built in or after 2007, it would be an 844087.

* In November of 2001, Gecko redesigned their board. The original was 844005. They have not been made since. The 844005 is replaced by the 844007.

They are the same size and mount the same way, but they do have some differences. The 005 board had all 5 wires of the transformer going to 1 plug. There were problems with arching between the AC input and DC output, so they separated them into 2 plugs. There were also problems with the temp probe and hi-limit switch. These will all have to be replaced if changing a 005 to a 007.

The easiest way to identify a 005 board is by the transformer plug. If it has 1 plug with 5 wires, it's a 005. If it has 2 plugs with 1 having 2 wires and the other having 3, it's a 007 and no retro kit is needed.

Gecko 005 to 007 Retro Kit

| <u>Part #</u> | <u>Description</u> | <u>Price</u> |
|-------------------------------|--------------------|-----------------|
| 844003 | Transformer | \$61.15 |
| 844069 | Hi-Limit Switch | \$19.06 |
| 843986 | Temp Probe | \$12.61 |
| Total for retro kit | | \$92.82 |
| <u>844007 Board</u> | | <u>\$368.00</u> |
| Total kit with board included | | \$460.82 |




If you want more info on the transformer, including pictures, look in the "Transformer" section. If you want more info on the hi-limit and temp probe, look in the "Digital System Parts" section.

Morgan Control Panels

LD stands for Last Digit of Model Number.

AquaSet



(Early-1994)






| | Part # | Description | LD of Model # | Price |
|--|--------|---------------|---------------|----------|
|  | 844595 | 2 Bt 110V CC | ? | \$169.00 |
|  | 844599 | 3 Bt. 110V CC | ? | \$169.00 |
|  | 844583 | 3 Bt 220V CC | ? | \$169.00 |

These would be found in the black Morgan Timer Packs.

Balboa


(1994-1997)

| | | | | |
|---|--------|--------------------|---|----------|
|  | 844141 | Balboa 150 Digital | 8 | \$330.00 |
|  | 844107 | 150 Serial Deluxe | 3 | \$285.00 |

| | Part # | Description | LD of Model # | Price |
|---|--------|--------------------------|---------------|----------|
|  | 844120 | 100 Analog Panel | M | \$171.00 |
|  | 844135 | Convertible Pack Panel | F | \$131.50 |
|  | 844065 | Analog Aux. W/ Lg. Plug | M | \$64.00 |
|  | 844153 | Digital Aux. W/ Sm. Plug | 8 or 3 | \$64.00 |
|  | 844132 | Balboa Panel Bulb | - | \$4.50 |

Gecko

(1997-Present)

| | | | | |
|---|--------|---------------|------|----------|
|  | 844032 | K-19 Touchpad | Q, U | \$127.00 |
|---|--------|---------------|------|----------|

| | Part # | Description | LD of Model # | Price |
|---|--------|---------------|---------------|----------|
|  | 844008 | K-18 Touchpad | L | \$65.00 |
|  | 844010 | K-4 Touchpad | D, E | \$140.00 |
|  | 844015 | K-3 Touchpad | D, E | \$60.00 |
|  | 844090 | In.K600 | D, E* | \$163.60 |
|  | 844089 | In.K100 | D, E* | \$44.21 |

*These Control Panels are for the "XM" Series. These started in the beginning of 2007. Anything before that would have taken the 844010 and 844015.

Command Center Notes

AquaSet

When ordering an AquaSet command center, remember there are only 3 types. A 2 button, 3 button 110v, and a 3 button 220v. The 2 button is simple, but the 3 button can be confusing. There are 2 different ways to tell which one you need. One way is to look on the pack itself. It will have a sticker on the upper left hand corner of the pack saying "220 Only" or "110/220 Convertible". Here of course, the 220 only will take the 3 button 220, and the convertible will take the 3 button 110. The other way is to look on the back of the command center. It will say whether it is a 110 or 220.

Brett

In the mid 90's (95-97), there were some spas made with Brett Digital packs. They are no longer in business. If you ever see one of these and need a command center or a board, the whole system will have to be changed out to a Gecko System. (see B-2 007)

Gecko

All of the Gecko command centers come with overlays except for the K-19 (844032). The problem is there are three different overlays it could have, the others only have one. Here is a list of just the overlays for the K-19, part #'s, and prices:

| | | |
|--------|--------------------------------|---------|
| 844042 | Pump, Light, Up, Down | \$25.00 |
| 844048 | Pump, Blower, Light, Up/Down | \$25.00 |
| 844052 | Pump 1, Pump 2, Light, Up/Down | \$25.00 |

Here is a list of all the other overlays, part #'s, and prices:

| | | |
|--------|-----------------|---------|
| 844020 | Aux. (K-3) | \$7.00 |
| 844036 | Dual Pump (K-4) | \$25.00 |
| 844029 | 325 (K-18) | \$19.00 |
| 844093 | K-100 | N/A |
| 844094 | K-600 | N/A |

We have overlays for the XM packs - In.K600 and In.K100. Please call the Hallettsville Plant for more information on these overlays. When part numbers and prices become available, we will give out an updated list.


Transformers

| | Part # | Description | Year | Wire Color | Price |
|---|--------|------------------------|----------|--------------------------------------|---------|
|  | 843950 | Spa Light Transformer | 86-94 | 2- Yellow & 2- Black | \$12.00 |
|  | 844061 | Brett Transformer | Early-86 | 2-Blue & 2- Black | \$18.00 |
|  | 844125 | Balboa 100 Transformer | 94-97 | 2-Y, 1- W, 1- Bk, 1-G | \$38.00 |
|  | 844147 | Balboa 150 Transformer | 94-97 | 1-W, 1- Y, 1-R, 1-Br, 1- Bu | \$70.00 |
|  | 844034 | Old Gecko Transformer | 97-11/01 | 1-Bk, 1- W, 1-R, 1-Y, 1-G | \$39.00 |
|  | 844003 | New Gecko Transformer | 11/01-06 | 1-Bk, 1- W, 1-R, 1-Y, 1- Bu | \$61.15 |


Digital System Parts



Sensors, Cables, & Mounts


Gecko

| Temp. Sensors | Part # | Description | Wire Color | Price |
|---|--------|-----------------------------|------------|---------|
|  | 843986 | Temp Sensor AFTER 11/01 | R, G, O, B | \$12.61 |
| | 844023 | Temp Sensor BEFORE 11/01 | R, G, B O, | \$21.00 |
| * Wire Colors: R = Red G = Green O = Open Slot B = Black | | | | |



Hi Limit Probes

| | | | | |
|--|--------|-----------------------|------------------------|---------|
|  | 844069 | Hi Limit AFTER 11/01 | (w/ sm. black plug) | \$19.06 |
| | 844027 | Hi Limit BEFORE 11/01 | (w/ lg. red plug) | \$16.50 |

| | Part # | Description | Price |
|---|--------|---|---------|
|  | 845220 | Pressure Switch (Universal for all spas) | \$35.00 |
|  | 844030 | Pressure Switch Cable | \$4.95 |

| | Part # | Description | Price |
|---|--------|--------------------------------|--------|
|  | 844144 | Temp Sensor Mount-Wall Fitting | \$1.12 |
| | 844151 | Temp Sensor Mount-Holder | \$8.06 |

Balboa

| | | | |
|--|--------|----------------------|---------------|
|  | 844157 | Sensor Wire Assembly | \$62.00 |
|  | 844155 | Sensor Mount Kit | \$20.00 |
| No Picture Available | 844143 | Flow Switch Cable | Discontinued* |

*Replace with Gecko cable (844030).

Brett Digital

We no longer have replacement parts for Brett Digital packs made in the late 90's. Brett went out of business and these parts are no longer available. There may be a few old parts in some of the stores old inventory, but it's unlikely.

Gecko Can Parts

These are all the parts used to build the 007 packs. The labels are not listed here. All labels and stickers will be found on a separate sheet as well as screws and washers.

| | Part # | Description | Price |
|---|--------|----------------------|---------|
|  | 844249 | Can | \$35.61 |
|  | 844248 | Mounting Panel | \$13.92 |
|  | 844254 | Door | \$11.36 |
|  | 844078 | Grounding Bar | \$1.75 |
|  | 844803 | Terminal Bushing | \$0.71 |
|  | 720488 | 3/8" Romex Connector | \$0.28 |

| | Part # | Description | Price |
|---|--------|----------------------------|---------|
|  | 846010 | Heyco Bushing for Hi-Limit | \$1.19 |
|  | 844041 | Plastic Standoff | \$0.27 |
|  | 844038 | Lg. Metal Standoff | \$1.20 |
|  | 844083 | Sm. Metal Standoff | \$0.76 |
|  | 846020 | Sq. Hole Plug Blank | \$0.68 |
|  | 846012 | Rd. Hole Plug | \$0.13 |
|  | 844578 | Pac Board | \$14.12 |

Timer Pack Components

Relays






The relay on the left is a newer style relay. The one on the right is an older style metal relay. The metal relay is no longer available. It can be replaced by the new style. If you notice on the old style when removing it,







the second row of pins is not used. The newer style just leaves this row out. If you are replacing a relay that does use this second row of pins (like the 5th relay in a 5 relay pack), swap it with one of the other 4 relays and replace that relay with the newer style.

Part #: 844099
 Description: 20 Amp Relay
 Price: \$29.00


Other Parts

| | Part # | Description | Price |
|---|--------|---------------------------------|---------|
|  | 845355 | Heater Contactor | \$33.00 |
|  | 843121 | 4 Function Stepper | \$58.00 |
|  | 845278 | 4 Function Air Receiver Stepper | \$54.00 |




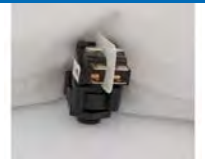
| | Part # | Description | Price |
|--|--------|------------------------|---------|
|  | 845250 | Thermostat | \$39.00 |
|  | 845260 | Thermostat Knob | \$4.00 |
|  | 844040 | GFCI Deadfront | \$61.00 |
|  | 844071 | 20 Amp Circuit Breaker | \$5.46 |

Hi Limits

| | | | |
|---|--------|----------------------|---------|
|  | 845341 | Double Pole Hi Limit | \$55.00 |
|  | 845345 | Single Pole Hi Limit | \$46.00 |




| | Part # | Description | Price |
|---|--------|--------------------------------------|---------|
|  | 845610 | Thermodisk (used on old timer packs) | \$25.00 |

Air Receivers

| | Part # | Description | TBS # | Price |
|---|--------|--------------------------------|---------|---------|
|  | 843229 | Function Air Switch | TBS 312 | \$20.00 |
|  | 843911 | Light Air Switch | TBS 305 | \$30.00 |
|  | 845237 | Function Stepper for Cape Cods | TBS 301 | \$20.00 |
|  | 845276 | 2 Function Air Stepper | TBS 317 | \$24.00 |

Timers

| | Part # | Description | Price |
|---|--------|--------------------------------------|---------|
|  | 845663 | 24 Hr. Filter Timer for Morgan Packs | \$41.00 |


| | Part # | Description | Price |
|---|--------|-------------------------------------|---------|
|  | 845639 | 7 Day Heater Timer for Morgan Packs | \$41.00 |
|  | 845671 | 24 Hr. Filter Timer for Brett Packs | \$48.00 |
|  | 845647 | 7 Day Heater Timer for Brett Packs | \$48.00 |



Rocker Switches

| | | | |
|---|--------|----------------------------|--------|
|  | 845523 | Black On/Off Rocker Switch | \$2.50 |
|  | 845558 | Blue Filter Rocker Switch | \$3.15 |
|  | 845574 | Red Heater Rocker Switch | \$3.15 |



Fuses and GFCIs



Fuses

| A B C D | Part # | Description | Price | |
|---|--------|-------------|-------------|---------|
|  | A | 844060 | 15 Amp Fuse | \$5.30 |
| | B | 844051 | 20 Amp Fuse | \$5.30 |
| | C | 844044 | 25 Amp Fuse | \$9.75 |
| | D | 844064 | 30 Amp Fuse | \$16.00 |

| | Part # | Description | Price |
|--|--------|--------------------|--------|
|  | 844080 | 750 mL Amp Fuse | \$0.26 |
|  | 844053 | 20 Amp Balboa Fuse | \$1.30 |

Fuse Housings

| | | | |
|---|--------|---------------------|---------|
|  | 844057 | 15 Amp Fuse Housing | \$11.00 |
|  | 844049 | 20 Amp Fuse Housing | \$11.00 |

| | Part # | Description | Price |
|---|--------|----------------------------|---------|
|  | 844062 | 30 Amp Fuse Housing | \$27.00 |
|  | 844056 | 20 Amp Balboa Fuse Housing | \$1.53 |

GFCI's

| | | | |
|---|--------|---------------------------|----------|
|  | 451060 | 60 Amp GFCI Breaker Comp. | \$160.00 |
|  | 450010 | 50 Amp GFCI Breaker Only | \$131.00 |
|  | 844500 | 60 Amp GFCI Breaker Only | \$179.47 |
|  | 844035 | 13 Amp GFCI Cord | \$82.00 |
|  | 844800 | 20 Amp GFCI Cord | \$90.00 |

Heaters and Heater Parts

Brett Heaters

The first packs we used (Brett Aqualine) had a heating element that bolted into a plastic housing. This would be in a spa built up until 1986. The element is sold with the gaskets needed to replace the element and new bolts as well. All other parts are sold separately. The gaskets are sold separately, also, if that is all they need. These are all the parts inside the "heating" portion of a Brett Aqualine.



A

B

C



D

E

F

G

H

I

J


| | Part # | Description | Price |
|---|--------|----------------------------|----------|
| A | 845625 | Element w/ gaskets (Brett) | \$105.00 |
| B | 845616 | Brett Heater Housing | \$50.00 |
| C | 845601 | Heat Shield | \$33.00 |
| D | 845250 | Manual Thermostat | \$39.00 |
| E | 845345 | Single Pole Hi-Limit | \$46.00 |
| F | 845220 | Pressure Switch | \$35.00 |
| G | 845260 | Thermostat Knob | \$4.00 |
| H | 845613 | Heat Indicator Light | \$5.90 |
| I | 845597 | Heater O-Ring | \$3.50 |
| J | 845606 | Current Collector Gasket | \$0.93 |

Heaters for Morgan Timer Packs & Balboa Systems

The first Morgan built timer packs had a stainless steel heater housing, with a removable element. If the heater nuts are NOT split nuts (no screws in the black nut), you have to replace the element. If it does have split nuts, we recommend it be replaced with a 1 ½" complete heater. This is a list of all the 1 ½" heater parts.

| | Part # | Description | WxHxL | Price |
|---|--------|--------------------------------|---------------|----------|
|  | 845100 | 1 ½" Complete Heater | 5" x 5" x 10" | \$105.00 |
|  | 845120 | Morgan Heater Element | 5" x 5" x 6" | \$95.00 |
|  | 845146 | Morgan Heater Gasket | 5" x 5" | \$4.00 |
|  | 845150 | Morgan Heater O-Ring | - | \$1.80 |
|  | 845140 | Steel Heater Housing (1 ½") | 5" x 5" x 10" | \$95.00 |

In 1993, we started using a 2" heater on some spas. We continued using them on Balboa systems and stopped using this style in 1998. They are not in any Brett or Gecko Systems. These heaters do not have a removable element.

| | Part # | Description | WxHxL | Price |
|---|--------|--------------------|-----------------------|----------|
|  | 845107 | 2" Complete Heater | 6 1/2" x 5 1/2" x 10" | \$105.00 |

Heaters for Econo Packs (305)

Econo Packs have their own heater. They are the only heater that can only have 110 volts going to it. These were on 305 type spas which we have nicknamed econo packs. Later they were replaced by the 325 (S Pack), which uses a different style heater. They only heat one degree per hour. They were used from 1990 to 1998.





| Part # | Description | WxHxL | Price |
|--------|-------------------|-----------------------|---------|
| 845135 | 110v Econo Heater | 2 3/4" x 2 3/4" x 13" | \$71.00 |

2" Flow-Thru Heaters


In 1997, we started using a 2" flow-thru heater. These were used on Brett Digital packs and (at the time) all Gecko packs. On early flow-thru heaters, you may have to replace the element only because it lines up in a different spot than the heaters we have today.

The new heaters will not line up in the small cutout we once had for the pressure switch and the terminals of the heater. These can be identified by the blue wires going to the heater and the pressure switch being on the far left side of the heater. We still use this heater on all smaller spas like the 325, 475, and 598.

| | Part # | Description | O.D/Length | Price |
|---|--------|---------------------|--------------|---------|
|  | 845105 | 2" Flow-Thru Heater | 2 1/4" x 15" | \$77.00 |
|  | 845095 | Flow-Thru Element | - | \$38.00 |

Gecko "XM" Heaters


In 2007, all larger spas (730, 830, and 850) switched over to the Gecko "XM" system. These have their own special heater. This is the only heater that has male threads on the ends and does not have a pressure switch.

| | Part # | Description | Price |
|---|--------|-------------|----------|
|  | 844088 | In.Therm | \$250.40 |


Other Heater Parts

Pressure Switches


There have been changes to how a pressure switch looks, but they all work the same and (for the most part) are interchangeable. The only difference would have been on a small amount of early Cape Cods. These were not mounted directly on the heater; rather, they were fastened to the can and had a tube that went to the heater. Note how a normal pressure switch has threads on the bottom, but the Cape Cod has a nipple instead.

| | | | |
|---|--------|---------------------------|---------|
|  | 845220 | Pressure Switch | \$35.00 |
|  | 845231 | Cape Code Pressure Switch | \$35.00 |

Grounding Bars

| | Part # | Description | Price |
|---|--------|-------------|--------|
|  | 844078 | Ground Bar | \$1.75 |

Tail Pieces, Split Nuts, & Gaskets

| | | | |
|---|--------|-------------------------|--------|
|  | 845157 | 1 1/2" Male Tailpiece | \$4.00 |
|  | 845153 | 1 1/2" Split Nut | \$4.60 |
|  | 845104 | 1 1/2" Split Nut Gasket | \$1.50 |
|  | 845158 | 1 1/2" Split Nut O-Ring | \$1.10 |
|  | 845162 | 2" Male Tailpiece | \$6.00 |
|  | 845160 | 2" Split Nut | \$5.25 |
|  | 845163 | 2" Split Nut Gasket | \$2.15 |

Pumps, Motors, and Wet Ends

Pump Glossary

The best way to understand pumps is to know the terms associated with them. Here is a list of common terms used when someone is trying to order a pump, motor, and/or wet end. Some of these may not seem to match the description in the system, but this is what they really are and they match the descriptions in this book.

Motor – This means motor only. This doesn't come with a wet end unless specified.

Wet End – This is the plastic end where the pipes connect that houses the impeller. This comes with the housing, impeller, and seals.

Pump – This is a complete setup. Motor and Wet End. This is only on the 5 HP setups. All others are sold as separate pieces (motors and wet ends). There are codes in the system for other setups but these are for receiving purposes only. They are not to be inventoried or sold with these codes.


Horsepower (HP) – This is the power rating of the pump. The motor and the wet end will usually have different ratings. This is fine, as long as the motor has a higher rating than the wet end. If not, the wet end will burn the motor up. You may notice different HP ratings on the same motor. This is because one is Free-spinning HP and the other is Breaking HP.

Frame – This is the physical size of the motor. The two common sizes are 48 and 56 frame.

Volts – This is the amount of electricity needed to operate the motor. You may see it in different ways, but as far as we are concerned, there are only 2 different voltages on motors: 115 and 230. 115 will often be called 110 or 120 but these are all the same. This goes for 230 as well; 220, 230, and 240 volts are all the same.

Motors

Motors are not as complicated as they seem. There are really only 3 sizes, each one with a 1 speed, and a 2 speed configuration.


| 115 Volt Motors | Part # | Description | Price |
|---|--------|----------------------|----------|
|  | PLMTRS | 115V 1 Sp Pool Motor | \$215.00 |

This motor is for pools only. Every pool we have ever made uses this motor. Most of them will use an Aquaflow wet end (PAST20) unless it was made in 2007 or later. Then it should be a Waterway wet end (P1130W). This can be confusing, because one will say 1.5 HP and the new one may say 1 HP. These are the same. One is Free-Spinning HP and the other is Break HP.

| | | | |
|--|--------|-----------------|----------|
|  | 844295 | 115V 2 Sp Motor | \$233.00 |
|--|--------|-----------------|----------|

This motor is for all 110 Only or 110/220 Convertible spas. It doesn't matter if it was built yesterday or 25 years ago. All of these use a 1.5 HP 1 1/2" Center Discharge Aquaflow wet end (844455).

230 Volt Motors

| | | | |
|---|--------|------------------------|----------|
|  | 844300 | 230V 3.6 HP 2 Sp Motor | \$352.00 |
|---|--------|------------------------|----------|

This motor causes the most confusion. Over the years, we have had 1 HP, 1.5 HP, 2 HP, and 3.6 HP motors that run on 230 volts. All of these are 48 frame motors. We no longer have all the small motors. They are all replaced with the 3.6 HP motor. The only exception is the 5 HP.

230 Volt Motors

Part

Description

Price



844315

230V 3.5 HP 1 Sp Motor

\$304.00

This is similar to the 3.6 Hp but only in a 1 speed. 1 speed motors are only used in Dual Pump systems. Early spas may have different HP ratings, but as long as it's a 230 volt motor and not a 5 HP, this is the one they would need.

One way to identify the 3.6 and 3.5 apart from other motors is by the "humps" on the top of the motor. These "humps" are starting capacitors. Most motors have 1 capacitor in the center of the motor or no capacitor at all. The 3.6 has 2 capacitors (the low and high speed have separate capacitors). This is the only motor with 2 capacitors and they are at an angle, not in the center. The 3.5 only has 1 capacitor, but has the same angle as the 3.6. The 3.6 does not always have these humps.

230V 5 Hp Motors



844441

230V 5 HP 2 Sp Pump

\$484.00



844436

230V 5 HP 1 Sp Pump

\$484.00

These are the only motors that are sold as a complete pump. They are also the only motors that are a 56 frame. We started using these around 2005.

All pump plugs and cords are still available. Just let us know what kind you need and we can provide one for you. If someone buys a motor and needs a new cord, we will provide it free of charge. If they just want a cord without buying anything else, use the following codes:

Plugs

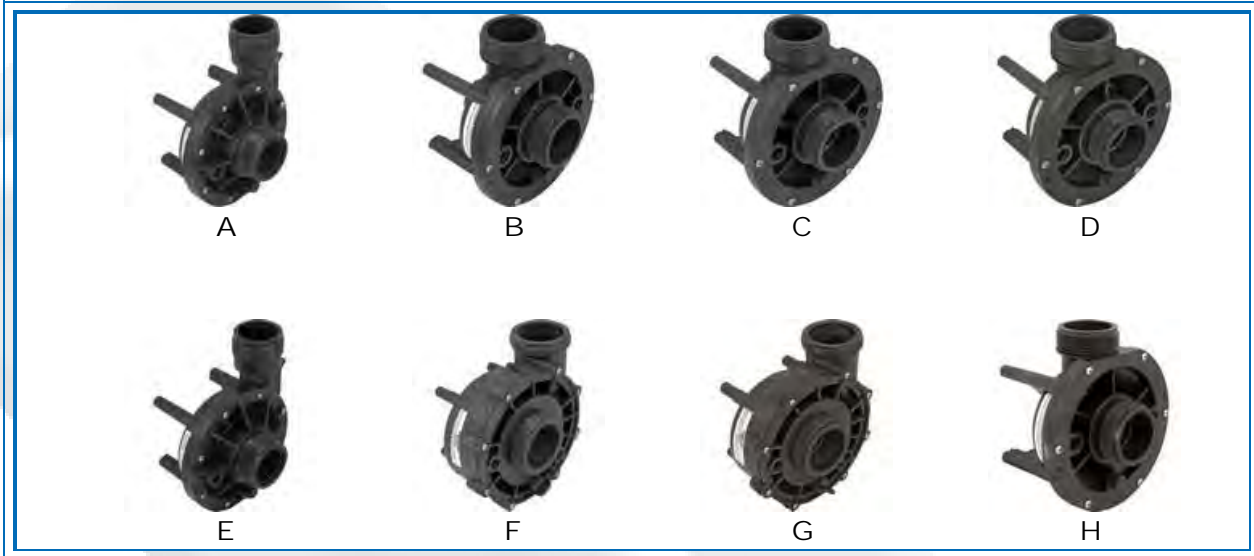
| Description | Part # | Price |
|-------------------|--------|--------|
| 2 Speed Pump 220V | 844790 | \$3.11 |
| 1 Speed Pump 220V | 844774 | \$2.92 |
| 2 Speed Pump 110V | 844772 | \$2.94 |

Cords

| Description | Part # | Price |
|-------------------|--------|--------|
| 2 Speed Pump 220V | 844781 | \$9.73 |
| 1 Speed Pump 220V | 844776 | \$7.98 |
| 2 Speed Pump 110V | 844764 | \$9.73 |

Wet Ends

Before we get into the different wet ends, here is one easy trick in determining if it's a 1 ½" or 2" wet end. 1 ½" wet ends have 6 Phillips head screws in the face of the wet end where as the 2" has 8. Some old 1 1/2" wetends from the 80s have 8 screws.



| | Part # | HP | In. | Discharge | Voltage | AF Model | AF # | Price |
|---|---------|-----|------|-----------|---------|----------|----------|----------|
| A | 844453 | ¾" | 1 ½" | Offset | 110 | FMHP | 91040690 | \$86.00 |
| B | 844455 | 1.5 | 1 ½" | Center | 110 | FMCP | 91040810 | \$86.00 |
| C | 844457 | 1.5 | 1 ½" | Center | 220 | FMCP | 91040820 | \$86.00 |
| D | 844459 | 2.0 | 1 ½" | Center | 220 | FMCP | 91040840 | \$86.00 |
| E | 844328 | 2.0 | 1 ½" | Offset | 220 | FMHP | 91040730 | \$86.00 |
| F | 844439 | 3.5 | 2" | Offset | 220 | FMXP2 | 91041610 | \$90.00 |
| G | 844461 | 5.0 | 2" | Offset | 220 | FMXP2e | 91041930 | \$107.54 |
| H | PAST20* | 1.0 | 1 ½" | Center | 110 | FMCP | 91040800 | \$39.81 |

*This wet end is for pools only. If you have a pool with an offset wet end, use the same part number. These are available by special request.

AF = Aquaflow

If the wet end you're looking for has 4 bolts that hold the faceplate to the housing, it's a Vico wet end. The Vico 48 frame is unavailable but the 5 HP 56 frame is. If they have the 48 frame, it will have to be replaced by the 844439. This may require some re-plumbing.

Pump Accessories

| | Part # | Description | Price |
|--|--------|---------------------------------|---------|
|  | 845515 | 1 1/2" Female Tailpiece | \$3.50 |
| | 845500 | 2" Female Tailpiece | \$4.50 |
|  | 845477 | 1 1/2" Union O-Ring | \$1.00 |
| | 845503 | 2" Union O-Ring | \$1.00 |
|  | 844449 | Aquaflow Seal Kit | \$12.00 |
|  | 845510 | 2" x 1 1/2" Compression Fitting | \$6.90 |
|  | 844495 | Pump Pad | \$3.00 |
|  | 844215 | Pump 2 Bracket | \$3.71 |
|  | 844510 | 1" x 3/4" Motor Mount | \$1.58 |

Blowers

Air Supply of the Future (2004-Present)

We started using Air Supply blowers in 2004 because they were so much quieter. We still use them today for that reason. In 2007 they made a change to how the motor was mounted, to correct a twisting of the motor problem. This has no effect on which motor is used. The newer motor will still mount in the old housing, although it's recommended to replace the old style with the new style if you still have the old style. The new style has a plastic ring that bolts securely to grommet to the motor so that the motor can't twist out of it. It also has a much larger clamp around the grommet. If the one you have only has a small clamp and no ring, you have an old style.

| <u>Part #</u> | <u>Volts</u> | <u>H.P.</u> | <u>Price</u> |
|---------------|--------------|-------------|--------------|
| 844949 | 220 | 2.0 | \$209.00 |
| 844948 | 110 | 1.0 | \$118.18 |






This is the replacement motor for the 844949 (220 volt 2.0 Hp). We don't have replacement motors for the 844948 (110 volt 1.0 Hp).

| <u>Part #</u> | <u>Price</u> |
|---------------|--------------|
| 844980 | \$73.00 |

All Other Blowers

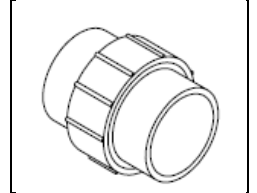

(This would include Marks and Ultra 9000)

(Everything up to 2004)

| | Part # | Description | Price |
|--|--------|---|----------|
|  | 844940 | Mark III 110 Volt 1.0 Hp Complete Blower | \$174.00 |
|  | 844975 | Replacement 220 Volt 1.5 Hp Motor | \$83.00 |
|  | 844970 | Replacement 110 Volt 1.0 Hp Motor | \$72.00 |

The 220-volt 1.5 Hp Mark III complete is unavailable. It's part number would be 844955.

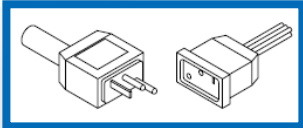
Blower Accessories

| | | | |
|---|--------|-----------------------|--------|
|  | 845507 | 1 1/2" Complete Union | \$5.48 |
|  | 842847 | 1 1/2" Check Valve | \$8.82 |

Cords and Receptacles

There are 3 styles of these plugs: J&J old style, J&J new style, and Gecko "XM" style. Both J&J have the same configuration of pins for similar plugs, but the size is different. Old styles are larger, measuring 1 3/16" x 1 1/2", whereas new styles measure 3/4" x 1 1/4". We normally don't charge for these.

J&J Style Cords and Receptacles



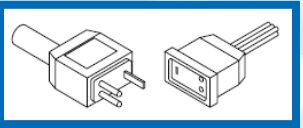
110 Volt Blower (Blue)

Cord Part #: 84H054

Cord Price: \$4.58

Receptacle Part #: 844787

Receptacle Price: \$2.65



220 Volt Blower (Purple)

Cord Part #: 84H055

Cord Price: \$4.58

Receptacle Part #: 844784

Receptacle Price: \$2.57



Gecko "XM" Style Cords and Receptacles

Only cords available. Receptacles are built into the pack and cannot be replaced. This uses the same part number and price as the J&J cord. Be sure to note you want an "XM" style when ordering. All blowers on "XM" systems are 240 volt. If you need a 110 volt "XM" cord, what you need is actually an ozonator or transformer cord. If that's the case use the other code.

| Part # | Description | Price |
|---------|--------------------------------------|--------|
| 84H055 | 240 Volt LC** Blower Cord | \$4.58 |
| 84H054* | 120 Volt LC** O3 or Transformer Cord | \$4.58 |

*This code can be used for and 120 volt LC cords. Please specify which component we need it for.

**LC=Low Current (A pump or heater will use a HC which means High Current.)

"XM" Key Colors



To help you understand which cords you need, here is a list of the colors of the keys (the square plastic piece on the end of the cord) used on "XM" packs. This only determines component, not voltage. A 120-volt transformer will use the same key as a 240-volt transformer. Be sure to check the tag on the cord you have to ensure proper ordering.


Blue = Blower White = Ozonator Orange = Transformer

LEDs and Lighting


When Morgan first switched over from fiber optics to LEDs, we went with Sloan right away. This was in 2004. Monacos have always used Sloan. In 2006, we tried to use LEDs from a subsidiary of Rising Dragon (TekTube). They had a major problem with corrosion and we stopped using them after a year. We didn't use them on Monacos. That lasted until 2009 when we started using L7 Rising Dragon LEDs.

2009 Rising Dragon L7 LEDs

| Universal L7 Parts | Part # | Description | Price |
|---|--------|---------------------|---------|
|  | 843937 | RD Single LED | \$11.50 |
|  | 843926 | RD Double LED | \$15.00 |
|  | 843938 | RD Triple LED | \$19.25 |
|  | 843931 | RD Quad LED | \$23.00 |
|  | 843936 | RD Mini LED Housing | \$0.63 |


| | Part # | Description | Price |
|---|--------|------------------|--------|
|  | 843935 | RD Harness Clips | \$0.13 |

Used for all spas except Monacos

| | | | |
|---|--------|--------------------------|---------|
|  | 843924 | RD L7 Master Light | \$39.88 |
|  | 843925 | RD Wire for Master Light | \$8.25 |

Used only on Monacos

| | | | |
|---|--------|--------------------|---------|
|  | 843932 | RD K100 Controller | \$26.60 |
|  | 843930 | RD L7 Slave Light | \$35.38 |
|  | 843934 | RD Wire for K100 | \$8.25 |

| | Part # | Description | Price |
|---|--------|-----------------|---------|
|  | 843933 | RD Power Supply | \$27.50 |


Sloan

| | | | |
|---|--------|--------------------|---------|
|  | 843860 | 9 Position Control | \$62.63 |
|---|--------|--------------------|---------|

*This is for all models except Monaco


| | | | |
|--|--------|---------------------|----------|
|  | 843867 | 22 Position Control | \$140.00 |
|--|--------|---------------------|----------|

*This is the controller for a Monaco

| | | | |
|---|--------|------------|--------|
|  | 843863 | Light Lens | \$5.58 |
|---|--------|------------|--------|

| | | | |
|---|--------|----------|---------|
|  | 843869 | Quad LED | \$29.45 |
|---|--------|----------|---------|

| | | | |
|---|--------|---------------------|---------|
|  | 843874 | Large Spa LED Light | \$47.70 |
|---|--------|---------------------|---------|

| | Part # | Description | Price |
|--|--------|-------------|--------|
|  | 843866 | 2' Jumper | \$6.53 |
| There is a 5' Jumper available by request. | | 843864 | \$7.98 |



Old Style Sloan Quad Light



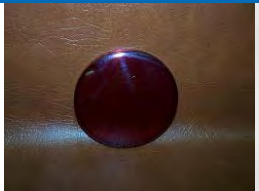
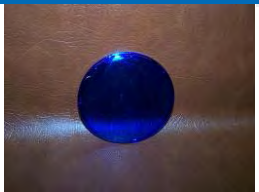


Note how it is not daisy chained. One long wire goes directly to the control box where all of the light sets plug in. The control box is different as well. If any of these, including the control boxes, are needed, call the Hallettsville Plant, and we will try to special order some from Sloan. When selling any of these, use the same part number as the new style and the same price as well.

Tek Tube (Made by Rising Dragon)

Note these are only suggested part numbers. There are no part numbers for any of these parts. When ordering, please use the description, and state that they are Tek Tube.


| | Description | Suggested Part # |
|---|-----------------------|------------------|
|  | Large Spa Light | 843874 |
|  | Single LED | 843862 |
|  | LED Lens | 843863 |
|  | Junction Block | 843866 |
|  | Junction Block Jumper | 843866 |

Other Light Parts


| | Part # | Description | Price |
|---|--------|-------------------|----------|
|  | 843985 | Spa Light-A-Scope | \$163.62 |
| This item could look different. It may have a black and white wire coming to it. | | | |
|  | 843887 | Bulb | \$1.62 |
|  | 843917 | Red Lens | \$5.10 |
|  | 843923 | Blue Lens | \$5.10 |
|  | 843955 | Reflector | \$6.80 |
|  | 843690 | 8' Harness | \$5.18 |

Fiber optics

These were the first type of optional lighting we used. We stopped using them around 2004 or 2005. There isn't much you can change out except these 3 parts. If one light is out, all you can do is try to fix it by using fiber optic line from the ozonator.

| | Part # | Description | Price |
|---|--------|-----------------------|----------|
|  | 843822 | Fiber Optic Light Box | \$145.86 |

Fiber Optic Light Box - This is where all the fiber optic lines go to for the light source. The bulb is located in here and as well as a fuse. Make sure the fuse and/or bulb is not blown before replacing this part.

| | | | |
|--|--------|----------------------------------|---------|
|  | 843825 | Fiber Optic Light Box Controller | \$54.47 |
|--|--------|----------------------------------|---------|







Fiber Optic Light Box Controller - This is a small black box that connects the pack to the light box. It turns the light on and tells the color wheel when to turn. It has one plug to power it and one small grey plug that operates it. The small grey one plugs onto the board.




| | | | |
|---|---------|---------------------|----------|
|  | 843985* | High Intensity Bulb | \$163.62 |
|---|---------|---------------------|----------|

High Intensity Bulb - This, of course, is the bulb inside the light box. A small white porcine block with 2 white wires connects to it. It may not always look burnt out so make sure you ohm it out before you rule it out.

*This part number is for Spa-Lite-A-Scopes also. When ordering one of these, be sure to give a description of what you want (specify that it is for a fiber optic box). If you do not say it is for a fiber optic box, you will be sent a Spa-Lite-A-Scope for a newer spa.




Audio

| | Part # | Description | Price |
|---|--------|--------------------|----------|
|  | 848800 | Stereo | \$422.80 |
|  | 848820 | Stereo Remote | \$115.79 |
| Note: This number is for both Gecko Aware and Kenwood stereos. Be sure to note if you want a Kenwood. Gecko remotes will be shipped if not noted on order. "XM" systems do not use remotes. | | | |
|  | 848810 | 5 Amp Converter | \$152.44 |
| Note: This part number is for both 120 volt and 240 volt. Be sure to note which one you want when ordering. S packs and 007 systems use 120 volt; XM systems use 240 volt. | | | |
|  | 844091 | In.Link Cable | \$38.49 |
|  | 844092 | In.Link (Blue Box) | \$116.71 |
|  | 848815 | Housing | \$21.69 |






| | Part # | Description | Price |
|---|--------|------------------------------------|----------|
|  | 848825 | Antenna | \$19.44 |
|  | 848837 | MP3 Adapter | \$18.38 |
| N/A | 848840 | 18 Ga. Speaker Wire | - |
|  | 848814 | 15 Amp Converter- Discontinued* | \$186.55 |

*Replace with 2 - 848810. Stereo and LED's run off separate boxes now.

Speakers

| | | | |
|---|--------|---------------------------------|----------|
|  | 848805 | 3 1/2" Popup Speaker | \$107.79 |
|  | 848845 | 6" Silo Speaker (for Monaco) | \$149.24 |
| Old style Ovals uses the same number. Ask for this if needed. | | | |
|  | 848830 | 6 1/2" Cabinet Speaker | \$30.57 |



Ozonators

| | Part # | Description | Price |
|---|--------|-------------------------|----------|
|  | 844176 | Ozonator | \$160.00 |
|  | 844177 | Water Injected Ozonator | - |
| *This is a new style ozonator we started using in 2009. | | | |
|  | 844160 | Ozonator Check valve | \$5.50 |
|  | 844110 | Ozone Injector | \$39.00 |
|  | 844212 | Ozonator Adapter | \$6.75 |

*Used to install newer ozonators on packs with old style J & J large plugs.

Suctions and Skimmers

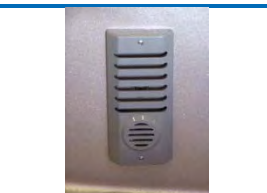


Suctions

| | Part # | Description | Price |
|---|--------|----------------|---------|
|  | 843660 | 2" Suction | \$15.00 |
|  | 843650 | 1 1/2" Suction | \$15.00 |

Some old style suction are available upon request. Here are some examples:








Skimmers



| | Part # | Description | Price |
|---|--------|---------------------|---------|
|  | 843305 | Strip Skimmer | \$24.00 |
|  | 844720 | White Box Skimmer | \$48.00 |
|  | 844740 | Grey Grated Skimmer | \$57.00 |

| | Part # | Description | Price |
|---|--------|-------------------------------|---------|
|  | 844734 | Skimmer Basket | \$15.00 |
|  | 844743 | Grated Skimmer Faceplate Only | \$10.00 |
|  | 844736 | Box Skimmer Weir (White) | \$9.00 |
|  | 844741 | Box Skimmer Weir Foam | \$4.00 |
|  | 845950 | Filter Niche Drain to Skimmer | \$4.00 |

Drains and Shutoffs

Drains

| | Part # | Description | Price |
|---|--------|----------------------------------|---------|
|  | 840700 | Old Style Drain | \$15.60 |
| Note: There are two sizes. The large is 3" and the small is 2". Please specify which one you need, or you will receive the large style. | | | |
|  | 840712 | Magic Drain | \$11.27 |
|  | 840110 | Barb Adapter for Magic Drains | \$0.72 |
|  | 840715 | Niche for Small Old Style Drains | \$4.00 |
|  | 840045 | Hose Bib for Timer Packs | \$5.00 |



| | Part # | Description | Price |
|---|--------|--------------------------|--------|
|  | 840728 | ¾" Shut-off | \$2.30 |
|  | 840730 | Drain Cap for Timer Spas | \$0.72 |

Shutoffs

| | | | |
|---|--------|----------------------------|---------|
|  | 841449 | 2" Shutoff | \$22.00 |
|  | 841440 | 1 ½" Shutoff | \$14.00 |
|  | 841445 | 1 ½" Bolt Together Shutoff | \$14.00 |
|  | 841443 | 1 ½" Shutoff Gasket Set | \$1.65 |
|  | 841441 | Shutoff Safety Clip | \$0.29 |

Top Side Components

Air Valves



| | Part # | Description | Price |
|---|--------|-----------------------|---------|
|  | 843180 | Air Control | \$15.00 |
|  | 843145 | Monaco Air Control | \$17.70 |
|  | 843185 | Old Style Air Control | \$15.00 |

Water Valves




| | | | |
|---|--------|---|---------|
|  | 843545 | 1" On/Off Valve (Neck Jets & Waterfalls) | \$14.00 |
|  | 843220 | Monaco 1" On/Off Valve (Neck Jets & Waterfalls) | \$21.50 |

| | Part # | Description | Price |
|--|--------|-------------------------------------|---------|
|  | 843540 | 2" Diverter Valve (for Volcano) | \$27.00 |
|  | 843210 | Monaco Diverter Valve (for Volcano) | \$30.00 |
|  | 841700 | 1 1/2" Posi-Seal Valve | \$17.81 |
| We used these on waterfalls for 598's when we first started installing waterfalls on them. | | | |
|  | 843523 | 1" 3 Way Valve | \$16.50 |
|  | 843535 | Side Mount 1" On/Off Valve | \$15.00 |
|  | 843250 | Assist Tee | \$3.00 |
|  | 843230 | Air Venture Valve | \$5.95 |

Air Buttons

| | Part # | Description | Price |
|---|--------|-------------------------|---------|
|  | 843035 | Grey Air Switch Button | \$15.00 |
|  | 843040 | White Air Switch Button | \$20.00 |

Other Parts Found On Top

| | | | |
|---|--|------------------------|---|
|  | 840040 | Aroma Therapy Canister | \$17.00 |
|  | Spa Frog Vessel and Cap can be found in the Filtering Section. | |  |

There are no numbers or pricing for knobs only. We cannot buy knobs only. Sometimes we have extras. Call for availability.





Digital keypads can be found in the Morgan Control Panel section.

Filtering



Common Replacement Parts


| | Part # | Description | Price |
|---|--------|-------------------------|---------|
|  | 844672 | WW Filter Lid Only | \$17.50 |
|  | 844660 | WW Filter Lock Ring | \$10.50 |
|  | 844833 | WW Filter Bleeder/Drain | \$3.50 |
|  | 844829 | WW Filter O-ring | \$3.50 |
|  | 844831 | Rainbow Drain/Vent | \$2.00 |

Complete Canisters

| | Part # | Description | Price |
|--|--------|-----------------------------------|----------|
|  | 844650 | WW 2" Top Load Filter Canister | \$138.00 |
|  | 844695 | 1 1/2" Under the Cabinet Canister | \$100.00 |
|  | 840035 | Spa Frog Vessel | \$37.36 |
|  | 840042 | Spa Frog Cap | \$5.09 |

Other Filtering Parts

| | | | |
|---|--------|----------------------------|---------|
|  | 844643 | Filter Niche w/ Drain Hole | \$10.50 |
|  | 844657 | Brominator (Glues to Lid) | \$13.50 |

| | Part # | Description | Price |
|---|--------|-----------------------------------|---------|
|  | 844655 | Rainbow TLF Lid w/ Bromine Feeder | \$42.00 |
|  | 844814 | O-Ring Lubricant | \$4.62 |

Discontinued Parts - Rainbow

We still have some Rainbow parts, but we can no longer buy them. The most popular part is the lock ring (844810). This plant is out of these. You may find a few left at other stores. If you can't find any, the only way to fix the problem is to replace the entire canister with a Waterway under the Cabinet Canister (844695).

Filters

All top load filters use 844690. This is by far the most popular filter we have, since we've used top load filters since the early 90's. Here is a complete list of our filters:


| Part # | Description | Length | ID | OD | Price |
|---|------------------------|-----------|---------|----------|---------|
| 844690 | Waterway (most used) | 13 15/16" | 2 1/8" | 4 15/16" | \$34.00 |
| 844700 | Jacuzzi | 13 15/16" | 2 3/8" | 5" | \$34.00 |
| <i>Note: This is the only filter without a plastic center core.</i> | | | | | |
| 844630 | Martec | 14 7/8" | 2 1/8" | 4 15/16" | \$34.00 |
| 844675 | Hayward | 11 3/4" | 2 1/16" | 4 5/8" | \$30.00 |
| 844705 | Non-Pressurized Filter | 14 3/4" | *Spec. | 5 3/16" | \$52.00 |

*Tapered Inner Hole: Top ID=1 1/16", Bottom ID=1 5/8".


Plumbing

Standard PVC Fittings


Couplings

| | Part # | Description | Price |
|---|--------|---------------|--------|
|  | 840408 | ¾" Coupling | \$0.22 |
| | 840785 | 1" Coupling | \$0.80 |
| | 841498 | 1 ½" Coupling | \$0.90 |
| | 841893 | 2" Coupling | \$1.20 |


90° Elbows

| | | | |
|--|--------|------------|--------|
|  | 840769 | 1" Elbow | \$1.10 |
| | 841110 | 1 ½" Elbow | \$1.40 |
| | 841761 | 2" Elbow | \$2.00 |


90° St. Elbows

| | | | |
|---|--------|----------------|--------|
|  | 840640 | ¾" St. Elbow | \$1.91 |
| | 840807 | 1" St. Elbow | \$2.00 |
| | 841137 | 1 ½" St. Elbow | \$2.50 |
| | 841880 | 2" St. Elbow | \$5.00 |


45° Elbows

| | | | |
|---|--------|---------------|--------|
|  | 840777 | 1" 45 Elbow | \$1.10 |
| | 841056 | 1 ½" 45 Elbow | \$1.75 |
| | 841741 | 2" 45 Elbow | \$2.10 |


45° St. Elbows

| | Part # | Description | Price |
|---|--------|---------------------|--------|
|  | 840779 | 1" 45 St. Elbow | \$2.90 |
| | 841061 | 1 1/2" 45 St. Elbow | \$2.76 |
| | 841745 | 2" 45 St. Elbow | \$5.00 |


Tee's

| | | | |
|---|--------|--------------------------|--------|
|  | 840815 | 1" Tee | \$1.00 |
| | 841250 | 1 1/2" Tee | \$1.75 |
| | 841753 | 2" Tee | \$2.40 |
| | 841901 | 1 1/2" x 1 1/2" x 1" Tee | \$2.55 |
| | 841903 | 2" x 2" x 1" Tee | \$2.55 |


Bushings

| | | | |
|---|--------|---------------------|--------|
|  | 840847 | 1" x 1/2" Reducer | \$0.88 |
| | 840797 | 1" x 3/4" Reducer | \$1.00 |
| | 841039 | 1 1/2" x 1" Reducer | \$1.50 |
| | 841928 | 2" x 3/4" Reducer | \$1.17 |
| | 841932 | 2" x 1" Reducer | \$1.42 |
| | 841935 | 2" x 1 1/2" Reducer | \$1.50 |


Caps & Plugs

| | | | |
|---|--------|-------------|--------|
|  | 840823 | 1" Plug | \$1.10 |
| | 840826 | 1" Cap | \$0.70 |
| | 841668 | 1 1/2" Plug | \$1.75 |
| | 841938 | 2" Cap | \$0.87 |


Pipe Extenders

| | Part # | Description | Price |
|---|--------|--------------------|--------|
|  | 840390 | ¾" Pipe Extender | \$3.35 |
| | 840760 | 1" Pipe Extender | \$4.15 |
| | 841725 | 1 ½" Pipe Extender | \$4.10 |
| | 841730 | 2" Pipe Extender | \$5.35 |


90° Sweeps and U Bends

| | | | |
|---|--------|--------------------------|--------|
|  | 841750 | 2" Spg. x Soc. Sweep | \$5.01 |
| | 841744 | 2" Soc. x Soc. Sweep | \$5.01 |
| | 841731 | 2" Sweep w/ Pump Union | \$5.41 |
| | 841734 | 2" Sweep w/ Heater Union | \$4.54 |
| | 841500 | 1 ½" U Bend for Air Loop | \$3.75 |

Crosses

| | | | |
|---|--------|------------|--------|
|  | 841083 | 1 ½" Cross | \$3.50 |
| | 841897 | 2" Cross | \$5.80 |

Unions

| | | | |
|---|--------|---------------------|--------|
|  | 845515 | 1 ½" Fm. Union | \$3.50 |
| | 845500 | 2" Fm. Union | \$4.50 |
| | 845507 | 1 ½" Complete Union | \$5.48 |

Pipe and Tubing

(All items sold by the foot)

| Part # | Description | Price/ft. |
|--------|---|-----------|
| 840750 | 1" PVC Pipe (In stores only) | \$1.10 |
| 840998 | 1 1/2" PVC Pipe (In stores only) | \$1.50 |
| 841732 | 2" PVC Pipe (In stores only) | \$2.00 |
| 840076 | 1/8" Tubing | \$0.36 |
| 844195 | 1/4" Tubing | \$0.18 |
| 840070 | 3/8" Tubing | \$0.68 |
| 840300 | 3/4" Tubing | \$1.45 |
| 840305 | 3/4" Shur Grip Tubing (for non barb fittings) | \$??? |

Manifolds

Water Manifolds-All 2" pipe with 3/4" Ports



| Part # | Ports | S/B | Price |
|--------|-------|-----|--------|
| 842856 | 2 | B | \$1.50 |
| 842843 | 4 | B | \$5.25 |
| 842874 | 4 | S | \$3.77 |
| 842863 | 6 | S/B | \$6.33 |
| 842868 | 12 | S | \$6.83 |

*S=Slick Nipple B=Barbed Nipple
Slick nipple for Shur Grip tubing only.



| | |
|-------------|--------------------|
| Part # | 842849 |
| Description | 3/4" Manifold Plug |
| Price | \$0.23 |

Air Manifolds-All 1" Pipe with 3/8" Ports



A

B

C




| Part # | Description | Price |
|----------|-------------------------|--------|
| A 842719 | 4 Port Air Manifold | \$3.00 |
| B 842844 | 8 Port Air Manifold | \$4.50 |
| C 842731 | 2 Port Air Manifold Cap | \$1.50 |



Plugs are available with manifolds if needed at no charge.




Tubing Fittings

3/4" Tubing Fittings

| Part # | Description | Price |
|---|----------------------------|--------|
|  840612 | 3/4" Barb Insert Coupling | \$1.45 |
| Note: Same # for barb and slick. | | |
|  840638 | 3/4" Barb Tee | \$2.53 |
|  840633 | 1" Spg x 3/4" Barb Adapter | \$1.30 |

| | Part # | Description | Price |
|---|--------|-------------------------------------|--------|
|  | 840110 | 1/2" Spg x 3/4" Barb Adapter | \$1.11 |
|  | 840113 | 1/2" Spg x 3/4" Barb Elbow | \$1.24 |
|  | 840039 | 1/2" Spg x 3/4" Slick Adapter | \$2.97 |
|  | 840038 | 1 1/2" Spg x 3/4" Slick Adapter | \$2.64 |
|  | 840037 | 1" Spg. X 3/4" Slick Barb Elbow | \$1.95 |
|  | 840036 | 1" Spg x 2 Port 3/4" Slick Barb Tee | \$1.98 |
|  | 840401 | 1" Spg x 4 Port 3/4" SB Manifold | \$6.27 |

3/8" Tubing Fittings

| | Part # | Description | Price |
|---|--------|------------------------------|--------|
|  | 840075 | 3/8" Insert Coupling | \$2.25 |
|  | 840065 | 3/8" Barb Tee | \$1.78 |
|  | 840107 | 1/2" Spg x 3/8" Barb Adapter | \$0.84 |

1/8" Tubing Fittings (Used on Timer Packs)

| | | | |
|---|--------|----------------------|--------|
|  | 840084 | 1/8" Insert Coupling | \$0.80 |
|  | 840104 | 1/8" Barb Tee | \$0.80 |

Pipe Sizing Chart

This will help determine which size fitting you need. Sizes may vary.

| Pipe | ID | OD |
|--------|-------|-------|
| 1" | 1.03" | 1.32" |
| 1 1/2" | 1.58" | 1.90" |
| 2" | 2.05" | 2.37" |

Miscellaneous Parts

Manuals

| | | |
|--------|--|--------|
| 847054 | Instruction Books | \$3.86 |
| | These can also be downloaded at http://www.morganusa.com/spas/spa_manuals_06.htm . | |
| 848846 | DVD's | \$5.00 |

Cabinet Parts

| | | |
|--------|--|--------|
| 759150 | 1" Butyl Tape | \$9.31 |
| | This is the seal between the shell and the cabinet. It is sold by the roll. That's enough for 1 entire spa. | |
| 717088 | 3/8" x 2" Wooden Dowel Pin | \$0.04 |
| | This is the dowels used in the top rails. | |

Cabinet Trim

| | | |
|--------|-------------------|------------|
| 840097 | Grey Redi-Stick | \$0.54/ft. |
| 840085 | Chrome Redi-Stick | \$1.15/ft. |

Wiring

| | | |
|--------|---|--------|
| 727695 | Grey Wire Nuts | \$0.14 |
| 845951 | 4" Cable Ties | \$0.02 |
| 845957 | 7 1/2" Cable Ties | \$0.06 |
| 845959 | 11" Cable Ties | \$0.14 |
| 845962 | 24" - 30" Cable Ties | \$0.80 |
| 844797 | Liquid Tight Straight | \$1.78 |
| | These were used where cords went into motors. | |
| 848302 | 1/4" Heat Shrink Tubing | \$0.04 |
| 844805 | Electrical K/O Plug | \$0.32 |

Switches

| | | |
|--------|-----------------------------|--------|
| 843849 | 12 volt Light Switch (Push) | \$8.20 |
|--------|-----------------------------|--------|

Fittings

| | | |
|--------|------------------------------|--------|
| 840020 | 3/8" Hose Clamp | \$0.73 |
| 845971 | 1 1/8" Plastic Clips (Loops) | \$0.14 |

Foam

| | | |
|--------|----------------|---------|
| 831800 | Handi Foam Kit | \$74.50 |
|--------|----------------|---------|

PARTS ORDER FORM

Date of Order: _____ Customer / Dealer Name: _____

Shipping Address: _____

Billing Address (if different): _____

City: _____ ST _____ Zip _____

Phone #: (_____) _____

| Qty Order | Material Code | Description | Price Cost | Total Cost |
|--------------|---------------|-------------|------------|------------|
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Ship COD: YES NO

Ship Prepaid:

___ M/C ___ VISA ___ AMEX ___ DISC

Exp Date: _____

Card #: _____

CVV2 #: _____

Parts / Chemicals / Accessories: \$ _____

Shipping / Handling Charges \$ _____

UPS Saturday Delv (\$12.50 additional charge) \$ _____

C.O.D. Charge (\$8.50) \$ _____

=====

SUBTOTAL CHARGES \$ _____

TAX (8.25%) \$ _____

TOTAL ORDER \$ _____

Shipping Charges

| Order Cost | UPS Regular All States | UPS Overnight All States |
|-------------------|--------------------------|----------------------------|
| Up to \$30.00 | \$10.95 | \$32.85 |
| \$30.01-\$60.00 | \$13.95 | \$41.85 |
| \$60.01-\$90.00 | \$15.95 | \$47.85 |
| \$90.01-\$130.00 | \$17.95 | \$53.85 |
| \$130.01-\$160.00 | \$19.95 | \$59.85 |
| \$160.01-\$200.00 | \$24.95 | \$74.85 |
| Over \$200.01 | \$30.00 | \$90.00 |

Manuals, Locksets, L-Handles, Keys, O-rings, Gaskets, and Overlays can be shipped regular mail for \$5.00. Please make a note if you wish to do so.