

**Shipping Preparation Instructions for Corroded Battery Contacts
Version 4.50 .. October 12, 2017**

**Gelb Organization, LLC
www.gelb.com**



Have Any Question Just Contact Us

**Call us at 1- (973)-694-7425 (New Jersey, USA)
9AM - 5PM (Mon-Fri)
Support@jungleghost.com**

**INSTRUCTIONS FOR PREPARING AND CLEANING YOUR
EXPLORIST BACK PANEL FOR SHIPMENT.**

**PLEASE DO NOT SHIP YOUR COMPLETE GPS
TO US**

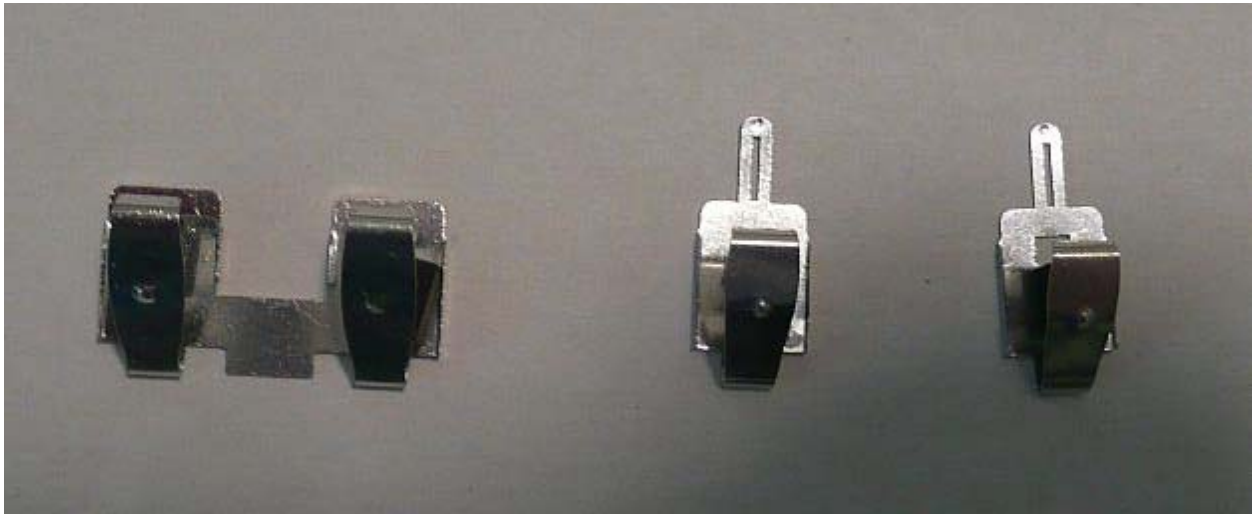
**WE WILL ONLY ACCEPT THE BACK PANEL
FROM YOUR GPS FOR REPAIR. WE DO THIS
TO REDUCE YOUR SHIPPING COSTS FOR
ABROAD REPAIRS.**

**Please download the below instructions for
removing and cleaning the back panel for
shipment.**

***Cleaning of the battery panel of corrosive
materials is not included in our price.***

**Disclaimer: In our repair procedure we do not check out the back
panel speaker or barometer for functionality. We do not remove
these items. We do not warrantee the speaker or barometer. As
you can see by the instructions we do not move or touch these
elements.**

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(L) Double Contact (R) Single Contact

Procedure for Returning Back Panels from the USA for Repair

SEND US AN EMAIL THAT YOU HAVE SHIPPED YOUR BACK PANEL TO US SO THAT WE CAN EXPECT IT.

1) Please make sure that you ONLY return the Back Panel. We suggest that you package the back panel in plastic wrap and request a Delivery Confirmation. PLEASE SEND US AN EMAIL THAT YOU HAVE SHIPPED YOUR BACK PANEL TO US SO THAT WE CAN EXPECT IT.

2) Please ship your panel to:

**Gelb Organization, LLC
92 Hemlock Terrace
Wayne, New Jersey, USA
07470-4343**

Att'n: Jungle Ghost Explorist Repair Center

2) IMPORTANT: Note that these Back Panels are not available from Magellan, we suggest that you consider insuring the Package for \$175.00 USD. This is the cost of a second hand back panel replacement. We also suggest that you send your package by with a Delivery Confirmation.

3) We recommend that you wrap your back panel in bubble wrap and keep the total weight of the package under 1 LB. The typical weight should be in the 6-oz. range.

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**5) Your Back Panel will be returned to you by USPS First Class Mail®
- INSURED.**

**Procedure for Returning Back Panels
from Outside the USA for Repair**

**SEND US AN EMAIL THAT YOU HAVE SHIPPED YOUR BACK PANEL TO
US SO THAT WE CAN EXPECT IT.**

1) Please make sure that you ONLY return the Back Panel. We suggest that you package the back panel in plastic wrap and request a Delivery Confirmation. PLEASE SEND US AN EMAIL THAT YOU HAVE SHIPPED YOUR BACK PANEL TO US SO THAT WE CAN EXPECT IT.

2) Please ship your panel to:

**Gelb Organization, LLC
92 Hemlock Terrace
Wayne, New Jersey, USA
07470-4343**

Att'n: Jungle Ghost Explorist Repair Center

3) IMPORTANT: Remember to have your Country Post Office set the value of your product to an amount that will clear your customs on the return of the repaired unit. At this time, since the GPS is basically a "brick" some of our customers set the Insurance Value at \$175.00 USD and state on the Post Office Duty sheet that the "GPS Panel is send for Repair and is not operational" or "Defective Part Returned Under Warranty Repair".

We suggest that you send your package by FIRST CLASS MAIL with a Delivery Confirmation.

Since the Back Panels are not available from Magellan, we suggest that you consider insuring the Package for \$175.00 USD. This is the cost of a second hand back panel replacement.

We will remove the duty slip from the outside of your shipment and inform the Postal Authorities that the back panel is owned by you and has been repaired and *set the Repair and Insured Values to match your Customs Paperwork.*

Before you ship the panel. PLEASE SEEK ADVICE FROM YOUR POST OFFICE ON THE CORRECT WAY TO AVOID CUSTOM CHARGES.

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EACH COUNTRY HAS ITS OWN RULES.

**INFORM THE POST OFFICE THAT WE WILL USE THE
AES/ITN/EXEMPTION AS NOEEI 30.37 (a) FOR ALL COUNTRIES
EXCEPT CANADA WHICH IS NOEEI 30.36.**

**In most cases, the return costs for duty and postal fees will be
ZERO. Remember that the Customs forms you sent with your
shipment to the USA will be enclosed in the return package to you.**

**4) We recommend that you wrap your back panel in bubble wrap
and keep the total weight of the package under 1 LB. The typical
weight should be in the 6-oz. range.**

**5) Your Back Panel will be returned to you by USPS First Class
International Mail® - INSURED and the value declared will be same
as value as your EXPORT value.**

**Disclaimer: In our repair procedure we do not check out the back
panel speaker or barometer for functionality. We do not remove
these items. We do not warrantee the speaker or barometer. As
you can see by the instructions we do not move or touch these
elements.**

**CAUTION: Please check that the battery corrosion has not leaked
onto the Molex socket that holds the Micro Memory Card. If this
happened it cannot be repaired. This leakage could render the Molex
socket and Printed Circuit Board Unusable.**

TOOLS REQUIRED:

Tweezers

Dentist Pick

Small Plastic Bag for Parts

TORX #T6 Wrench

Electrical Tape

Small Screwdriver

**Nail Polish Remover (Caution: Do not use pure Acetone. One of the
ingredients that should be with the Acetone is Propylene Carbonate
or Propylene Glycol.)**

**WARNING: YOU MUST USE A TORX #T6 WRENCH TO REMOVE THE
SIX (6) SCREWS THAT HOLD THE BACK PANEL IN PLACE. IF YOU
TRY TO USE A REGULAR SCREWDRIVER YOU WILL STRIP THE
SCREWS.**

**IF THE SCREWS ARE STRIPPED YOU WILL HAVE TO ATTEMPT
REMOVING THE SCREWS WITH A 1/16" HEX KEY (ALLEN WRENCH).**

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HOPEFULLY, THE HEX KEY WILL GRASP THE SCREW TO REMOVE IT. IF THE SCREWS ARE STRIPPED THEY MUST BE REMOVED WITH A 1/16" DRILL BIT. BE CAREFUL IF YOU HAVE TO RESORT TO THIS DESPERATE ACTION.



(Left - Set of TORX Wrenches .. Right - Any Pick Will Work)

- 1) Turn your Magellan 510 610 or 710 front down.**
- 2) Remove the battery compartment cover and make sure that you**
 - a) have removed the batteries**
 - b) removed any MicroSDHC cards from the Molex socket.**
- 3) Using a TORX (#T6) wrench carefully remove the six back screws that hold the back panel in place. Place these into your plastic bag.**
- 4) VERY CAREFULLY loosen and remove the back panel. CAUTION: When you LIFT the back panel you will find six GRAY ELECTROSTATIC o-rings. These o-rings are charged and stick to anything. Use your Dentist Pick to collect the six o-rings and place them into your plastic bag.**
- 5) Carefully open up one side of the back panel. Make sure that you open the back panel so that the connections for the barometer and speaker are on the opposite side.**

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6) There you will find three connections that have to be disconnected.

a) Carefully remove the insulation tape that covers the USB data cable connection and display screen connection. Place the insulation tape on your small plastic parts bag.

b) A ribbon cable from the USB data cable connector. Using your dentist pick move **CAREFULLY UNLOCK THE RIBBON CABLE CONNECTOR. CAREFULLY!!! FLIP UP THE LOCK BACKWARDS** toward the front of the GPS. Then **SLIDE** the cable free.

c) Along the back edge side of the motherboard you will find two white tipped cable connections. One is for the barometer and the other is for the speaker. Using the head of your small screwdriver disconnect each cable. These are push-in connectors. Do not handle roughly.

7) The back panel should now be free from the GPS.

8) Before you ship this panel to us. Please clean up the battery compartment from the corrosive material of the leaking batteries. **We do not provide this service. Try to remove as much of the effluent as possible. It is virtually impossible to remove all of this material.**

9) **CAUTION: When you do this step make sure that you do not get the barometer and speaker in the back panel wet.**

PLEASE ALSO REMEMBER TO REMOVE THE LABELS INSIDE THE BATTERY COMPARTMENT AS THEY HAVE THE SERIAL NUMBER OF YOUR GPS. YOU CAN REINSERT THEM INTO THE GPS AFTER THE REPAIRED BACK PANEL IS RETURNED TO YOU.

a) Use the Electric Tape and seal the square hole in the panel. This is the access hole for the Molex Socket.

b) Place two (2) teaspoons of **BAKING SODA INTO THE BATTERY COMPARTMENT.** Add enough water to fill $\frac{3}{4}$ of the compartment, **STIR** and set aside for 24 hours. After 24 hours discard the solution, take a damp cloth and clean out the white battery effluent.

10) Last step is to use the Nail Polish Remover to clean up the remaining white effluent. This must be Nail Polish Remover and not pure Acetone. Nail Polish Remover should have Propylene Glycol or Propylene Glycol as an added ingredient.

Note: Now is the time to examine your motherboard for further battery leakage that could effect your GPS's operation.

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Check the bottom of the battery contacts to see if the leakage went through to the motherboard. You will see that some of the leakage is displayed on the battery contacts.

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In this unit, you will note that some of the leakage dripped onto and around the copper battery connection plates. Use the Nail Pail Remover to clean up this leakage.

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Please check the Molex connection that will hold the Micro SDHC memory card to make sure that the leakage DID NOT seep into the copper connections. Again use the Nail Polish Remover to clean this up.

If the Molex connection has extensive corrosion and the leads that connect with the memory card are destroyed, please notify us immediately.

11) ALLOW THE UNIT TO DRY, package your back panel in an appropriate container and ship to our repair center at:

**Gelb Organization, LLC
92 Hemlock Terrace
Wayne, NJ 07470-4343 USA**

Attn: Explorist Back Panel Repair Depot

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RE-INSTALLATION OF YOUR REPAIRED BACK PANEL

When you receive your repaired panel. We recommend that you install the panel in the following order.

- 1) Tipping the back panel so that it rests on the back edge of the GPS, insert the USB ribbon cable into the connector on the motherboard. Reverse 6(b) for the lock. Make sure that you LOCK the cable in by moving the Black Lock tab toward the back of the GPS.**
- 2) Take the black insulation tape that you removed in 6(a) and make sure that you place it over both the USB data cable connector and screen display connector. This tape serves two purposes, insulation and strengthening of the connectors from disconnection.**
- 3) Reconnect the barometer and speaker cables .. see 6©**
- 4) Carefully, with losing any, replace the six ELECTROSTATIC o-rings into the six screw sockets on the motherboard.**
- 5) Before you replace the back panel you should take the opportunity clean the camera window. Also make sure that the Molex Socket Locking Shield (Aluminum) is down in the locked position.**
- 6) Now replace the back panel and insert and tighten the six TORX screws with your TORX #T6 wrench.**

Finished.

Thank you for your order.

JG