ENFORCER ELECTRONIC SECURITY SYSTEM

For 12, 36 & 48 Volt Carts

ENFORCER ELECTRONIC SECURITY SYSTEM OVERVIEW

Thank you for purchasing our exclusive *ENFORCER* Electronic Security System. We take great pride in our products and feel certain that this security system will protect your cart investment for many years. We ask that you take a moment to read these instructions completely before beginning your installation. Familiarity with the parts and an understanding of the procedures will ensure that your installation goes smoothly and safely. Additionally, it will give you an opportunity to determine if your cart might have any other unseen issues requiring attention.

Your new *ENFORCER* Electronic Security System is designed to disable your vehicle in the event that any unauthorized person attempts to drive your cart off. In addition, the alarm siren will sound and the carts lights will flash if anyone jostles or sits in your cart. Once installed, your vehicle will operate only while the alarm system is de-activated.

Your *ENFORCER* Electronic Security System can be armed or disarmed with either of the two key fob control units, individually coded for your use on only your cart. Your neighbor's security system key fob will not disarm your cart. These features allow you to maintain complete control over who uses your cart and who doesn't. Once you press the disarm button on your key fob control and the cart responds with two beeps and by flashing its lights. This signals that the cart is ready to operate using your standard key.

Be sure to arm your cart's alarm system when the cart is unattended. You must press the arming button on your key fob to secure your cart. Switching the key switch to the off position and removing the key DOES NOT automatically arm your security system. For detailed operation instructions, refer to **ELECTRONIC SECURITY SYSTEM BUILT-IN FUNCTIONS**.

STORAGE NOTE: It is always suggested to follow the manufacturer's storage recommendations and to charge your batteries occasionally when stored for extended periods of time. Your *ENFORCER* Electronic Security System will not excessively discharge your batteries (aprox. 5 mA draw).

ELECTRONIC SECURITY SYSTEM BUILT-IN FUNCTIONS

Arming

Press the arm button to arm in alarm mode. When the system is triggered by shock the first time, 3 beeps will be sent out with the indicators flashing. If the system is triggered by shock for a second time within 15 seconds, the siren will sound with indicators flashing for 15 seconds and the cart will be immobilized. When in arm mode, any attempt to drive the cart (even with a key) will set off the alarm, the siren will sound and the cart will be immobilized.

Press the mute/arm button to arm in silent mode. When the system is triggered by shock the first time, the indicators will flash 3 times. If the system is triggered by shock for a second time within 15 seconds, the indicators will flash for 15 seconds and the cart will be immobilized. When in arm mode if the alarm is activated the siren will sound and the cart will be immobilized.

Emergency Aid

In arming mode, activate the alarm, the siren will sound with indicators flashing. Press the disarm button to stop the alarm.

Disarming and Auto Rearming

In arming mode, press the disarm button once to disarm the system. If the cart hasn't been touched or the key has not been switched on in 30 seconds, the system will automatically return to the former armed mode. Press the disarm button a second time, the indicators will flash twice and the system will be disarmed completely.

NOTE: On some carts, the alarm will not rearm if the key is not switched to the OFF position.

Engine/Motor Stop With Remote

With the cart running, press the disarm button once to immobilize the cart.

NOTE: On some carts, the Engine/Motor disable only works temporarily.

Locate Your Cart In A Parking Lot With Sound And Light

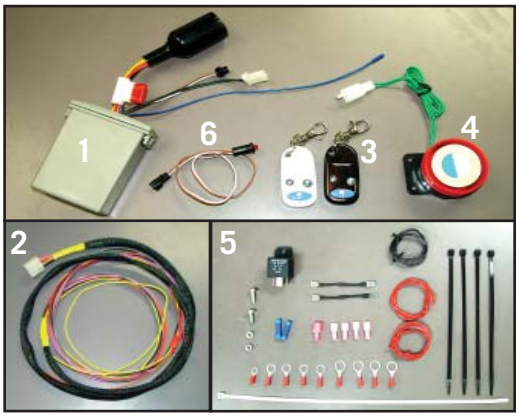
In arming mode, press and hold the arm button for 1 second, then the siren will sound with the indicators flashing for 10 seconds to locate the cart.

Disarming Mode Warning

10 seconds after you turn off the cart, 3 beeps will be sent out with the indicators flashing to remind you to arm the alarm.

SCS UNV BU ENFORCER, ELECTRONIC SECURITY SYSTEM For All 12 Volt Gas Powered Carts

The ***Buggies Unlimited*** **ENFORCER Electronic Security System** is designed universally for use in 12 volt gas powered carts. If you are unsure of your golf cart brand, year or model you have, please see our ***Buggies Unlimited*** catalog, or **Cart Identification** page online at ***www.buggiesunlimited.com***. Or contact our Technical Assistance Department, toll free at 1-888-444-9994 for assistance. You should allow 1 to 2 hours for installation.



PARTS INCLUDED IN OUR KIT

Item	Qty.	Description
1)	1	Alarm Base Unit
2)	1	Wire Harness Assembly
3)	2	Key Fob Transmitter
4)	1	Alarm Siren
5)	1	Hardware Kit
6)	1	Dash LED Indicator

INSTALLATION INSTRUCTIONS

NOTE: Before beginning the installation lay out all the parts in an organized manner.

CAUTION:

- **Always wear appropriate eye protection when working on your cart.**
- **Remove the key from the key switch and disconnect the main battery negative (-) cable from your battery before proceeding.**

Fig 1 - Club Car Dash Removal

1. Remove the dash or cup holders to access the alarm base unit mounting area. See figure 1, 2 & 3. For Club Car, remove the screw covers, loosen the screw on each side, then pry the dash panel outward. For EZ-GO and Yamaha, pry the cup holder upward to remove. Check to make sure alarm base unit is positioned on a horizontal mounting surface, where it will not interfere with the installation of the dash or cup holders. On Club Car models, mount base unit on top of steering column mount block.

   NOTE: DO NOT permanently mount it until after the sensitivity adjustment (step #9) has been completed.

2. Drill a 5/16" hole through the dash. Disconnect the LED light at the plug connecting it to the alarm base unit, then insert the LED light wires through the hole in the dash and snap the LED light into place in the dash. Reconnect the LED wires to the alarm base unit. **Be sure to place the LED light in a visible location where people can clearly see the presence of a security system on your cart. NOTE: Some reaming may be requiresd for proper fit.**

Fig 2 - EZ-GO Cup Holder Removal

3. Install the alarm siren next to the alarm base unit. Thoroughly clean the mounting surface with rubbing alcohol to aid the adhesive tape to stick to the chosen mounting surface. Use the two #8/32 X 1" screws & nuts to secure the alarm siren in place. Now connect the lead wires from the siren to the matching plug on the alarm base unit.

4. Connect the wire harness to the alarm base unit, then run it along the frame under the cart. Keep the yellow wire near the front if you have head & tail lights you wish to connect to this alarm system. Be sure to secure the wires every 12 inches with a cable tie. Route it into the battery area in the engine compartment for the final connections.

5. Locate the main power solenoid in your cart's starting system. It will have four terminal connection points; two large terminal posts and two small terminal posts. See Figure 4 for samples. For this installation we are only using one of the SMALL terminal posts to make our connection with the alarm system. Use the Solenoid Wire Color Code Chart included to determine color of the wire you will be disconnecting. See the Solenoid Wire Color Code Chart on page 4.

NOTE: With most carts, the wire you will disconnect will be blue, red, white, or similar color. The ONLY time the black wire would be used, would be on 1981 through 1988 EZ-GO gas powered carts. All carts other than this one model, **NEVER** use the black wire for this connection. **NEVER** remove other wires from the solenoid terminal. Remove ONLY the single wire referenced in the Solenoid Wire Color Code Chart.

Once you have located the correct small positive terminal on the main solenoid and you have determined the correct wire to remove, disconnect ONLY that wire from the solenoid terminal and replace it with the gray colored alarm system wire. You will need to crimp the appropriate connector onto the gray wire, to match the terminal connection on your solenoid. See wire diagram on page 4.

6. Connect the orange alarm system wire to the pink wire from the alarm system wire harness. Connect the cart's positive solenoid wire (removed in step 7), to the pink/orange alarm wires. You will need to change the connector on the cart's original solenoid wire to a 1/4 Male tab connector (included in this kit). See figure 5 and the chart on page 4.

OPTIONAL LIGHT CONNECTIONS: If you do not have lights on your cart, you may skip down to step # 8.

7. Connect the alarm system relay:
   - Connect the yellow wire from the alarm harness to the relay coil terminal #86.
   - Route the black wire included in this kit, from the relay coil terminal #85, to the battery negative.
   - Use one red wire (included in this kit) to connect the common terminal #30 to the power supply wire going to the headlight switch to (+12 volts).
   - Using the other red wire (included in this kit), connect the normally open terminal #87 to the open or head light side of the head light switch wire.

   See Figure 6.

8. Connect the remaining two Alarm wires to the battery. The black single wire will connect to battery negative and the red single wire will connect to the battery positive terminal. See the diagram on page 4.

9. Adjust the sensitivity of the alarm by removing the black rubber plug on the side of the alarm body and turning the internal adjustment screw. Turn clockwise to increase sensitivity and turn counterclockwise to decrease. See figure 7.

   NOTE: The sensitivity adjustment determines the severity of physical impact or jostle required to trigger the alarm. With each adjustment, test by jostling the car to determine the amount of force require to trigger the alarm

10. Thoroughly clean the horizontal mounting surface for the base unit, with rubbing alcohol. Peel off the adhesive tape cover from the alarm base unit. Press the base unit firmly to assure adhesion. Use the long cable tie supplied to help secure the base unit in place. Install the dash components back in place and double check to assure that all the wiring for your new alarm system is secured and will not chafe against sharp edges or interfere with any moving parts. EZ-GO or YAMAHA carts, you will need to drill a 1/4" hole on each side of the alarm base unit for the cable tie to run through the under side of the dash and around the housing of the alarm base unit. DO NOT install onto a vertical surface or the adhesive may not hold.

11. Extend the blue antenna lead coming from the alarm base unit to it's full length and tie it to a stationary object for the best possible reception from the key fob transmitters. If the frame is not accessible from the alarm base unit mounting location, make sure the blue lead is extended to its full length and that it is secured to any stationary object.

    NOTE: DO NOT connect the blue lead to any moving part of the steering or suspension system.

13. Install the dash components back in place and double check to assure that all the wiring for your new alarm system is secured and will not chafe against sharp edges or interfere with any moving parts.

Fig 3 -Yamaha Cup Holder Removal

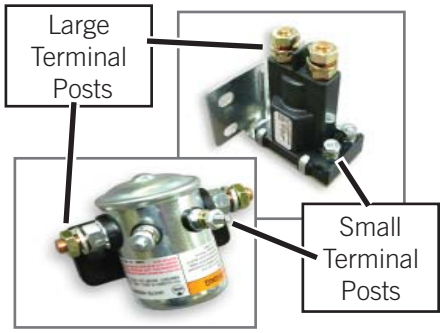


Figure 4 - Solenoids

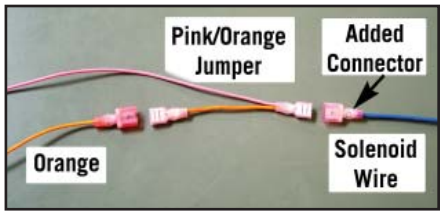


Figure 5 - Solenoid Wiring

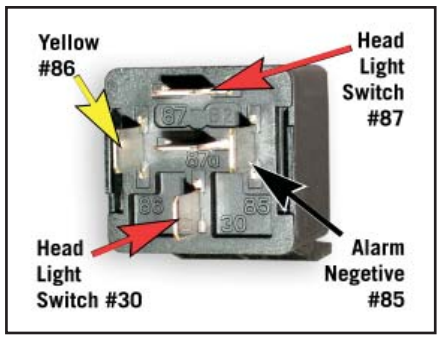
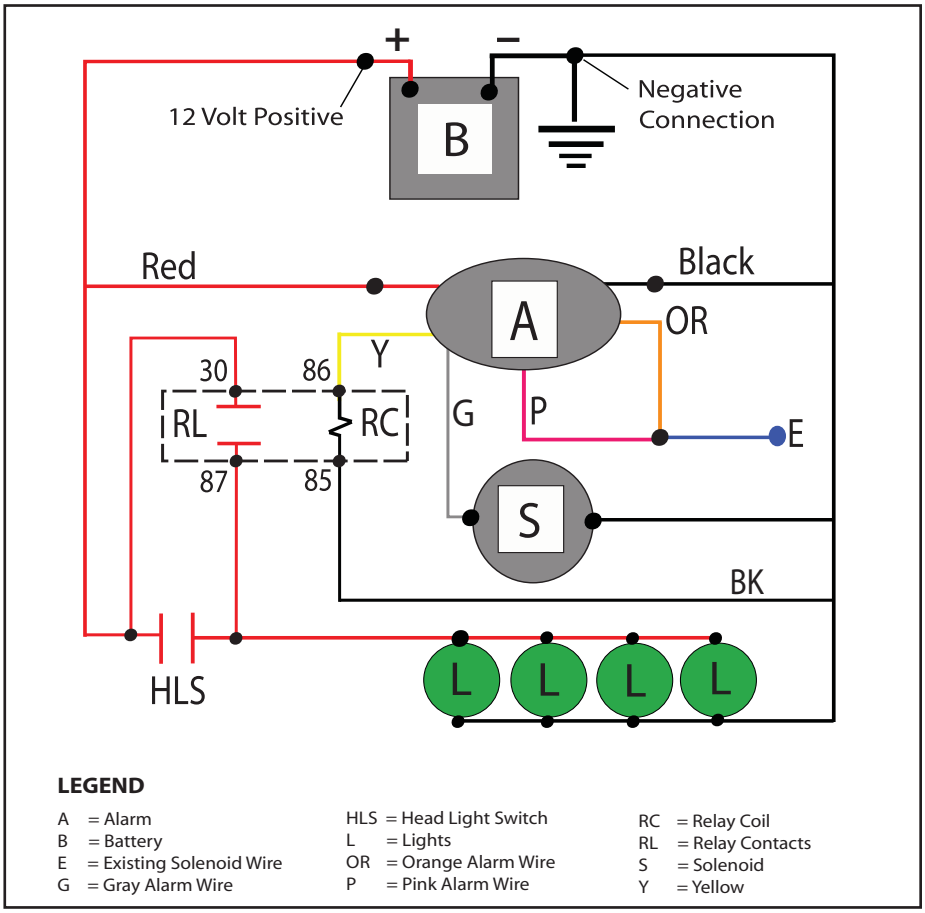


Figure 6 - Optional Light Relay

Figure 7 - Sensitivity Adjustment

GAS CART SOLENOID WIRE CONNECTION COLOR CODES

Brand	Year & Model	Solenoid Wire to be used
Club Car	1986-1991 DS	Use the Blue wire located on the solenoid Positive.
Club Car	1992-Present & DS	Use the Blue wire located on the solenoid Positive.
Club Car	2004-Present	Precedent use the Blue wire located on the solenoid Positive.
EZGO	1981-1988	Use the Black wire located on the solenoid Positive.
EZGO	1989-1990	Use the Red wire located on the solenoid Positive.
EZGO	Late 90-93	Use the Red wire located on the solenoid Positive.
EZGO	1993-95	Use the Blue wire located on the solenoid Positive.
EZGO	1996-Present	Use the Blue wire located on the solenoid Positive.
Yamaha	G2-8-9-14-16	Use the Red and White stripe wire located on the solenoid Positive.
Yamaha	G22	Use the Red and White stripe wire located on the solenoid Positive.



LEGEND

A = Alarm
B = Battery
E = Existing Solenoid Wire
G = Gray Alarm Wire
HLS = Head Light Switch
L = Lights
OR = Orange Alarm Wire
P = Pink Alarm Wire
RC = Relay Coil
RL = Relay Contacts
S = Solenoid
Y = Yellow

INDEMNIFICATION AND INSURANCE AGREEMENT

The ENFORCER Electronic Security Alarm System is a **theft deterrent** product and Mattison Avenue Corporation (d.b.a. Buggies Unlimited) makes no claim that theft of your cart can not or will not occur. ENFORCER Electronic Security Alarm System installation should be performed by a professional. The ENFORCER Electronic Security Alarm System purchaser assumes sole and entire responsibility for, and shall indemnify and save harmless Mattison Avenue Corporation (d.b.a. Buggies Unlimited), from any and all claim, liability, responsibility, and damage, or any costs or expenses resulting from any loss of life or injuries or claimed injuries to persons or property that may be sustained in connection with the use of any product before or after purchase, including but not limited to ENFORCER Electronic Security Alarm System. The ENFORCER Electronic Security Alarm System purchaser also shall indemnify Mattison Avenue Corporation (d.b.a. Buggies Unlimited) and save Mattison Avenue Corporation (d.b.a. Buggies Unlimited) harmless with respect to any and all liability that may be incurred.

Golf carts are recommended for use only by those aged 16 and older. Golf carts can be especially hazardous to operate. Always remember that riding and alcohol/drugs don't mix. Never ride on public roads. Never carry more than two passengers (except shuttles and trams). Never engage in stunt driving. Avoid excessive speeds and be particularly careful on difficult terrain. Buggies Unlimited reserves the right, at any time, to discontinue or change specifications, prices, designs, features, models or equipment without notice and without incurring any obligation.

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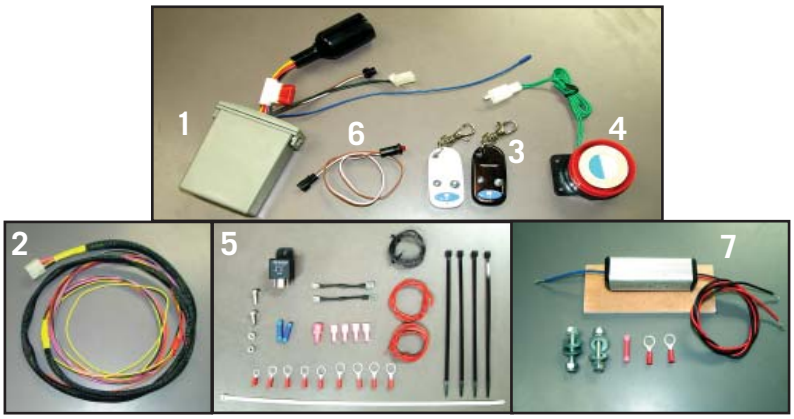
SCS UNV BU ENFORCER, ELECTRONIC SECURITY SYSTEM For All 36 & 48 Volt Carts

The ***Buggies Unlimited*** **ENFORCER Electronic Security System** is designed universally for use in 36 volt or 48 volt electric powered carts. If you are unsure of your golf cart type, year or model you have, please see our catalog, or **Cart Identification** page online at ***www.buggiesunlimited.com***. Or contact our Technical Assistance Department, toll free at 1-888-444-9994 for assistance. You should allow 1 to 2 hours for installation.

PARTS INCLUDED IN THIS KIT

Item Qty. Description

1) 1 Alarm Base Unit
2) 1 Wire Harness Assembly
3) 2 Key Fob Transmitter
4) 1 Alarm Siren
5) 1 Hardware Kit
6) 1 Dash LED Indicator
7) 1 Voltage Regulator Kit



Caution: Under "NO" circumstances use this wire! Cut this end off and wrap the tape.

INSTALLATION INSTRUCTIONS

NOTE: Before beginning the installation lay out all the parts in an organized manner and remove rint terminal from black wire as shown in figure above.

CAUTION!
- **Always wear appropriate eye protection when working on your cart.**
- **If your electric powered cart is equipped with a Tow/Run switch, turn it to the TOW position.**
- **Remove the key from the key switch and disconnect the main battery negative (-) cable from your set of batteries before proceeding.**

WARNING!
- **Use extreme care working around batteries to prevent accidental arch between battery terminals as this could ignite potentially explosive hydrogen fumes common in lead/acid batteries.**
- **Battery acid is poisonous and will cause severe burns. Avoid contact with eyes, skin or clothing.**

1. Remove the dash or cup holders to access the alarm base unit mounting area. See figure 1, 2 & 3. For Club Car, remove the screw covers, loosen the screw on each side, then pry the dash panel outward. For EZ-GO and Yamaha, pry the cup holder upward to remove. Check to make sure alarm base unit is positioned on a horizontal mounting surface, where it will not interfere with the installation of the dash or cup holders. On Club Car models, mount base unit on top of steering column mount block.

   NOTE: DO NOT permanently mount it until after the sensitivity adjustment (step #10) has been completed.

2. Drill a 5/16" hole through the dash. Disconnect the LED light at the plug connecting it to the alarm base unit, then insert the LED wires through the hole in the dash and snap the LED light into place in the dash. Reconnect the LED wires to the alarm base unit. **Be sure to place the LED light in a visible location where people can clearly see the presence of a security system on your cart. NOTE: Some reaming may be required for proper fit.**

3. Install the alarm siren next to the alarm base unit. Thoroughly clean the mounting surface with rubbing alcohol, to aid the adhesive tape in sticking to the chosen mounting surface. Use the two #8-32 X 1" screws & nuts to secure the alarm siren in place. Now connect the lead wires from the siren to the matching plug on the alarm base unit.

4. Connect the wire harness to the alarm base unit, then run it along the frame under the cart. Keep the yellow wire near the front if you have head & tail lights you wish to connect to this alarm system. Be sure to secure the wires every 12 inches with a cable tie. Route it into the battery area in the engine compartment for the final connections.

5. Locate the main power solenoid in your cart's electrical system. It will have four terminal connection points; two large terminal posts and two small terminal posts. See Figure 4 for samples. For this installation we are only using one of the SMALL terminal posts to make our connection with the alarm system. Use the Solenoid Wire Color Code Chart included to determine the color of the wire you will be disconnecting. See the Solenoid Wire Color Code Chart on page 8.

   NOTE: With most carts, the wire you will disconnect will be blue, green, red/white, white/black, or similar color. You will **NEVER** use a black wire for this next connection. Some regenerative electric car systems use a blue wire which could be common with battery negative. See Electric Cart Solenoid Connection Color Codes on page 8.

   Tech Tip - Solenoids & Diodes: *Solenoids will vary in appearance but all operate in the same manner. Some solenoids may have a diode connected between the two small terminal posts. REMEMBER that a diode is polarity sensitive! Make sure to NEVER reverse or change the positive & negative orientation of the diode or it will be shorted & destroyed. If it is removed for any reason, always check that the colored stripe or band is in the original position before continuing. See Figure 5.*

   Once you have located the correct small positive terminal on the main solenoid and you have determined the correct wire to remove, disconnect ONLY that wire from the solenoid terminal and replace it with the gray colored alarm system wire. You will need to crimp the appropriate connector onto the gray wire to match the terminal connection on your solenoid. See wire diagram on page 8.

6. Connect the orange alarm system wire to the appropriate resistor (36 or 48 volt), then connect the resistor to the pink/orange wires from the alarm system wire harness. See figure 7.

   CAUTION!
   Verify that you are working with either a 36 or 48 volt cart, then chose the resistor marked with that voltage before continuing. Choosing the wrong resistor could cause alarm system failure which is not covered under the product warranty.

   Connect the cart's positive solenoid wire (removed in step 5), to the pink/orange alarm wires. You will need to change the connector on the cart's original solenoid wire, to a 1/4 Male tab connector (included in this kit). See figure 7 and the chart on page 8.

   OPTIONAL LIGHT CONNECTIONS: If you do not have lights on your cart, you may skip down to step # 8.

7. Connect the alarm system relay:
   - Connect the yellow wire from the Alarm to the relay coil terminal #86.
   - Route the black wire (included in this kit) from the relay coil terminal #85, to the main black wire from the alarm harness.
   - Use one red wire (included in this kit) to connect the common terminal #30 to the power supply wire going to the headlight switch to (+12 volts).
   - Using the other supplied red wire, connect the normally open terminal #87 to the open or head light side of the head light switch.

   See Figure 8.

8. Next you will need to connect the remaining two alarm wires (red & black) to the battery pack. The black single wire will connect to first negative terminal in your battery set and the red single wire will connect to the blue positive wire from the Voltage Regulator (VR) included with this kit. See the attached battery diagrams on page 9, to locate the proper battery connections for you're cart.

   The Voltage Regulator has three wires, red, black and blue. Connect them as follows:
   - Connect the blue wire from the VR, to the alarm System Red Wire.
   - Connect the red wire from the VR, to the battery (12/16 volt) positive as shown in the wire diagram on page 8.
   - Connect the black wire from the VR, to the first battery negative and shown in the wire diagram on page 8.

Fig 1 - Club Car Dash Removal

Fig 2 - EZ-GO Cup Holder Removal

Fig 3 -Yamaha Cup Holder Removal

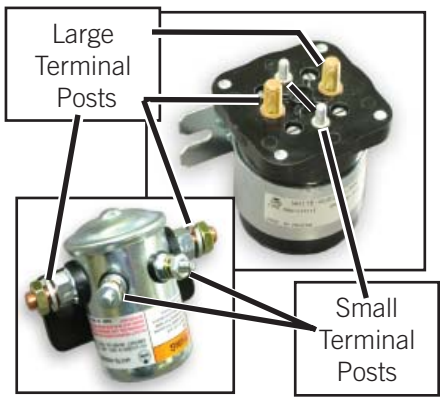


Figure 4 - Sample Solenoids

9. You will need to mount the VR to a solid part of the frame of your cart. See figures 10, 11 & 12 for some installation examples.

10. Adjust the sensitivity of the alarm by removing the black rubber plug on the side of the alarm body and turning the internal adjustment screw. Turn clockwise to increase sensitivity and turn counterclockwise to decrease. See figure 9.

    NOTE: The sensitivity adjustment determines the severity of physical impact or jostle required to trigger the alarm. With each adjustment, test by jostling the car to determine the amount of force require to trigger the alarm

11. Thoroughly clean the horizontal mounting surface with rubbing alcohol before peeling the adhesive tape cover and mounting the Electronic Alarm Base Unit. Press the base unit firmly to assure adhesion. Use the long cable tie supplied to help secure the base unit in place. EZ-GO or YAMAHA carts, you will need to drill a 1/4" hole on each side of the base unit for the cable tie to run through the under side of the dash and around the base unit. DO NOT install onto a vertical surface or the adhesive may not hold.

12. Extend the blue antenna lead coming from the alarm base unit to it's full length and tie it to a stationary object for the best possible reception from the key fob transmitters. If the frame is not accessible from the alarm base unit mounting location, make sure the blue lead is extended to its full length and that it is secured to any stationary object.

    NOTE: DO NOT connect the blue lead to any moving part of the steering or suspension system.

13. Install the dash components back in place and double check to assure that all the wiring for your new alarm system is secured and will not chafe against sharp edges or interfere with any moving parts.

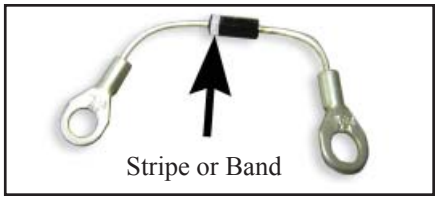


Figure 5 - Diode

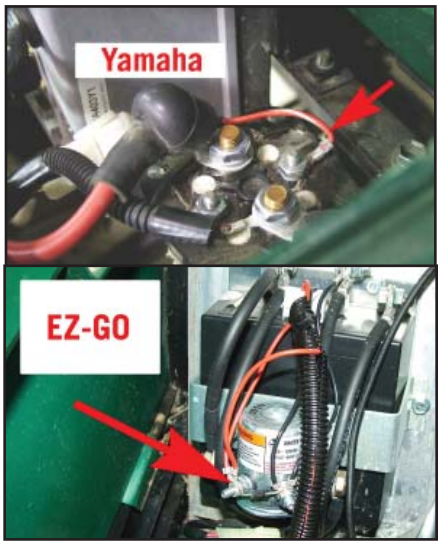


Figure 6 - Gray Alarm Wire Installation

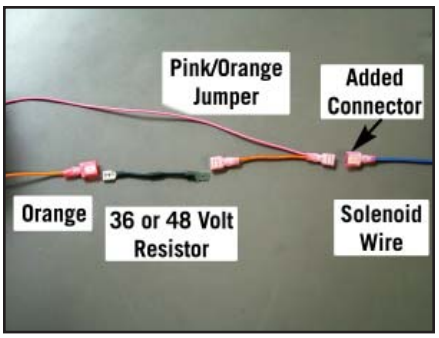


Figure 7 - Solenoid Wiring

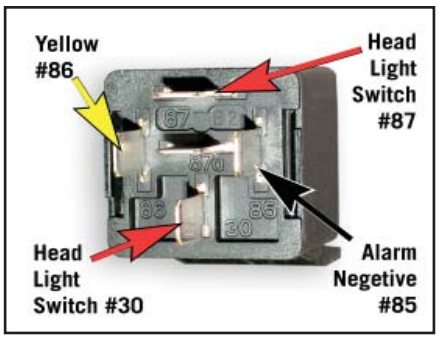


Figure 8 - Relay

Figure 9 - Sensitivity Adjustment

Figure 10 - Club Car Frame

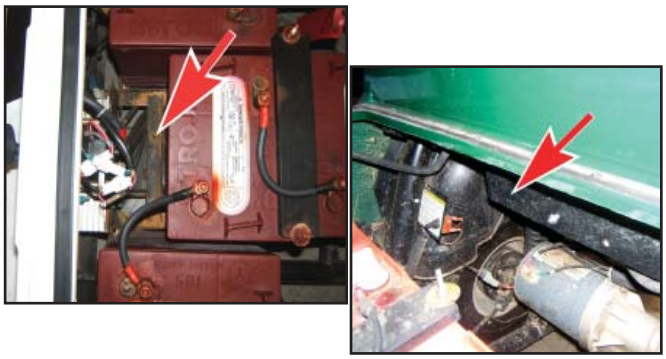


Figure 11 - Yamaha G-14/16 or G-MAX Frame

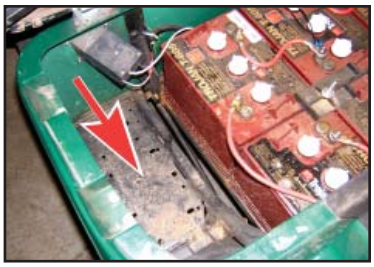


Figure 12 - EZ-GO Frame

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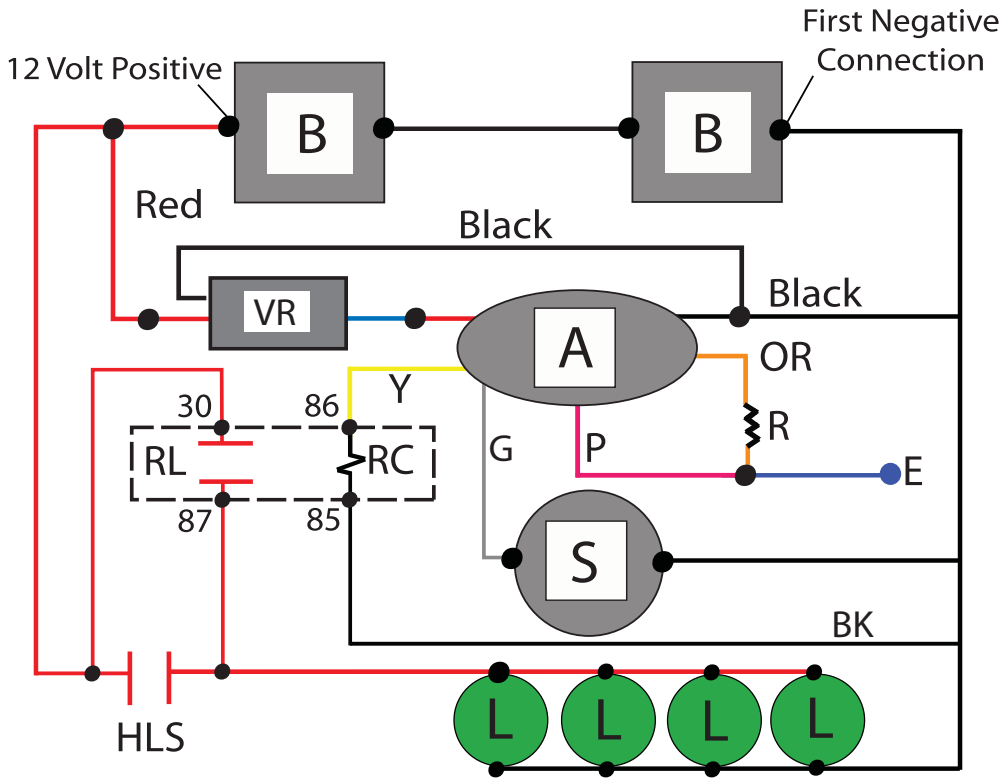
Solenoid Wire Color Code Chart

Club Car	1981-1988 Resistor	Use the Green wire located on the solenoid Positive.
Club Car	Late 1988-1994 Resistor	Use the Green wire located on the solenoid Positive.
Club Car	1995-Present Resister	Use the Yellow wire located on the solenoid Positive.
Club Car	1990-1994 Solid State	Use the White/Black wire located on the solenoid Positive.
Club Car	1995-Present Solid State	Use the White/Black wire located on the solenoid Positive.
Club Car IQ	2001- Present	Use the Light Blue wire located on the solenoid Positive.
Club Car Gen 1	1995-1997	Use the Blue wire located on the solenoid Positive.
Club Car Gen 2	1998-2001	Use the Blue wire located on the solenoid Positive.
EZGO Resistor	1988-Older	Use the Yellow wire located on the solenoid Positive.
EZGO Solid State	1989-1994.5	Use the Orange wire located on the solenoid Positive.
EZGO NON-DCS/PDS	1994.5- Present	Use the Red wire located on the solenoid Positive.
EZGO DCS	1994.5-Present	Use the White/Yellow wire located on the solenoid Positive.
EZGO PDS	2000-Present	Use the Yellow wire located on the solenoid Positive.
Yamaha	G2-8-9-14-16-19-22	Use the Red/White wire.



LEGEND

A = Alarm
B = Battery
E = Existing Solenoid Wire
G = Gray Alarm Wire
HLS = Head Light Switch
L = Lights
OR = Orange Alarm Wire
P = Pink Alarm Wire
R = Resistor, Alarm
RC = Relay Coil
RL = Relay Contacts
S = Solenoid
VR = Voltage Regulator
Y = Yellow

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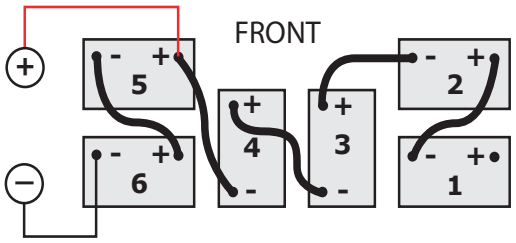
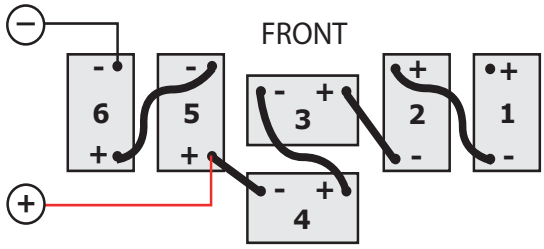
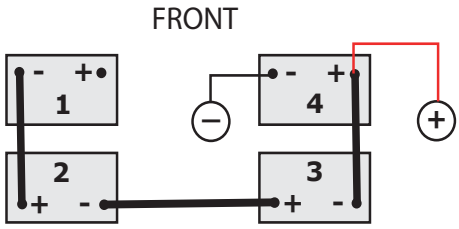
(Fig. A) Club Car DS Model 48-Volt Battery Pack



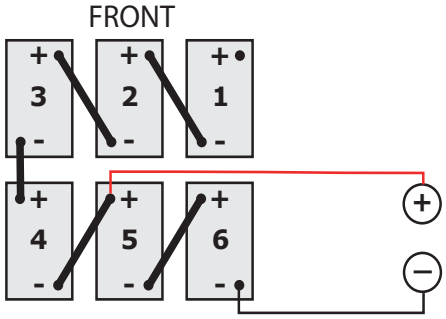
(Fig. B) Yamaha 48-Volt Battery Pack



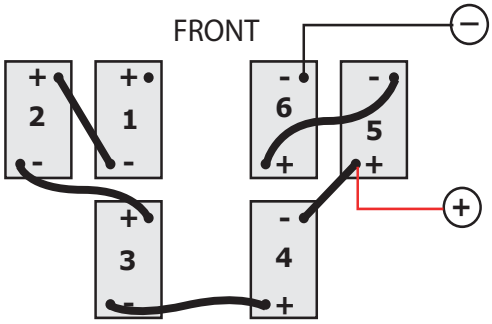
(Fig. C) Club Car Precedent Model 48-Volt Battery Pack



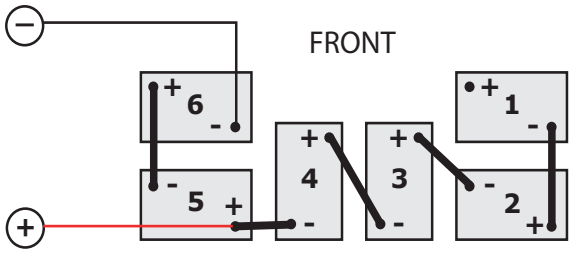
(Fig. D) EZGO TXT Model 36-Volt Battery Pack



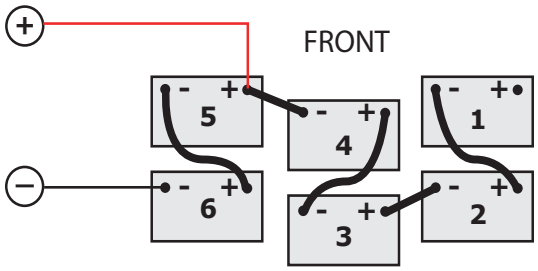
(Fig. E) EZGO Marathon Model 36-Volt Battery Pack



(Fig. F) Club Car DS Model 36-Volt Battery Pack



(Fig. G) Yamaha 36-Volt Battery Pack



This alarm requires 12V activation. Care must be taken to connect to the first cart (-) negative connection (to battery number 6 for 6 battery pack and battery number 4 for 4 battery pack). See appropriate diagram.

It is advised to test the voltage at the positive activation small terminal at the solenoid. With the key switch "ON" you should read system positive voltage at the solenoid small activation terminal, with the key switch "OFF" you should read zero voltage. On some brands such as EZGO 1994.5 and up this does not apply, just make sure the voltage is zero on or off.

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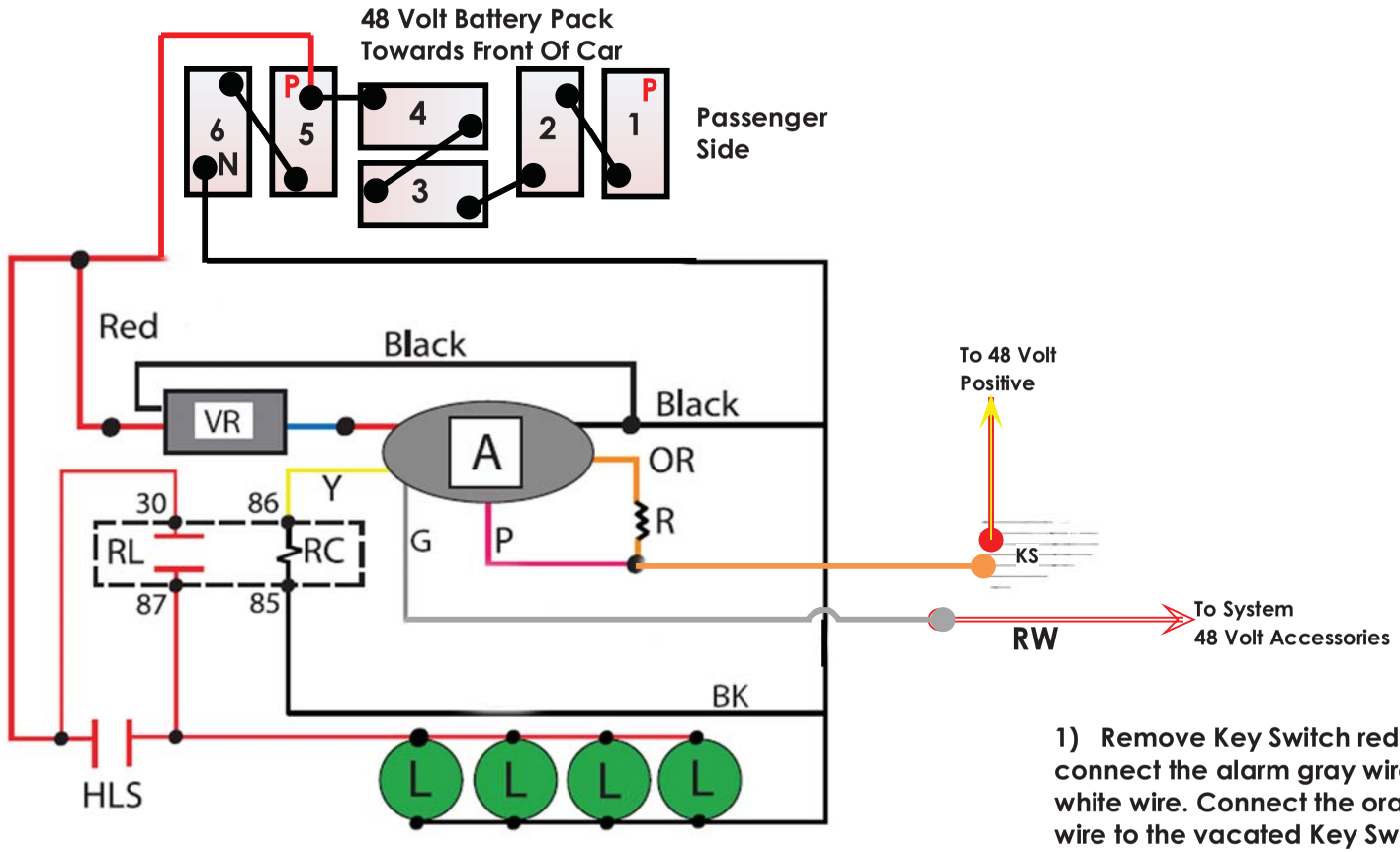
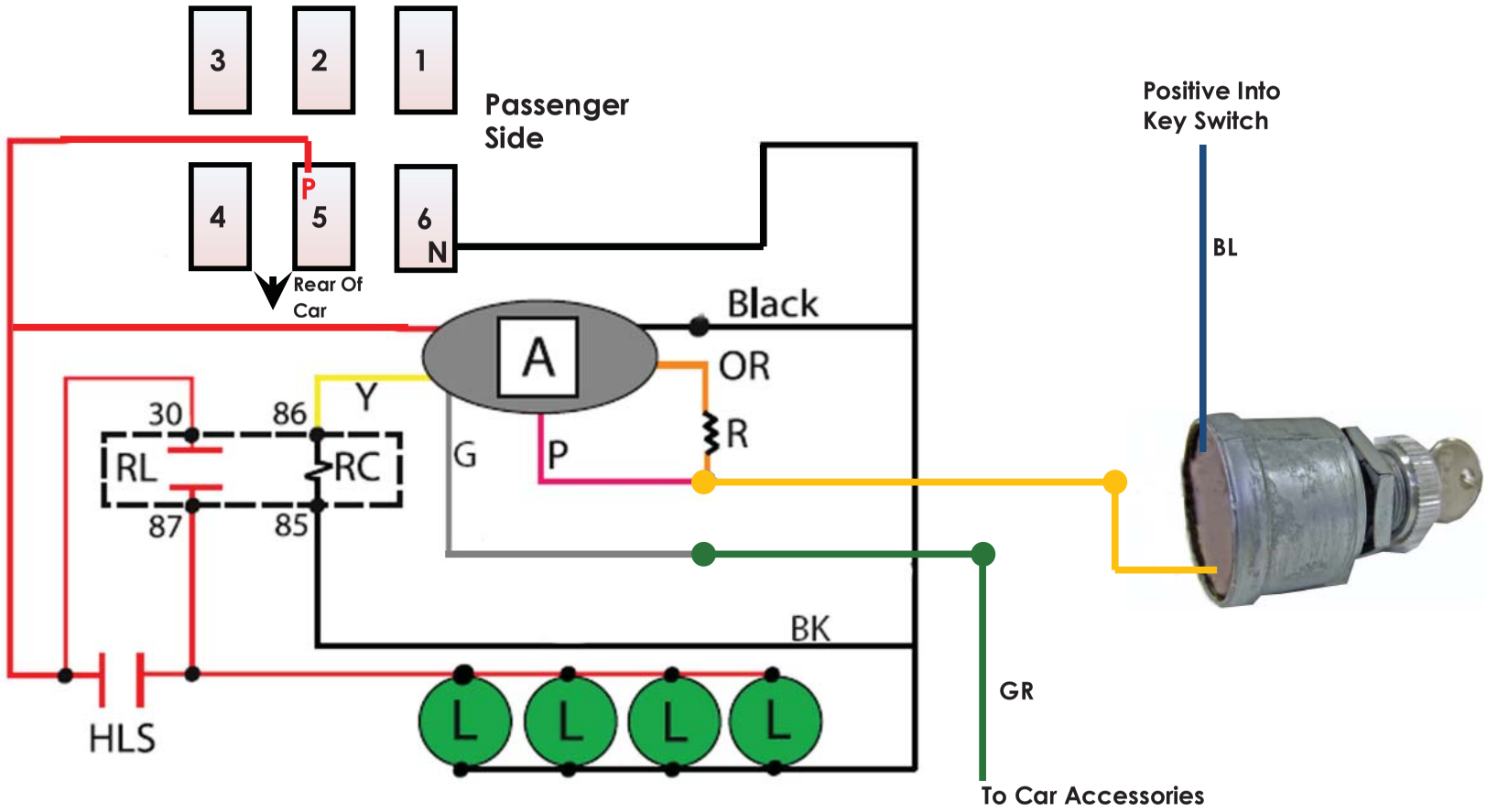


LEGEND

A = Alarm
B = Battery
E = Existing Solenoid Wire
G = Gray Alarm Wire
HLS = Head Light Switch
L = Lights
OR = Orange Alarm Wire
P = Pink Alarm Wire
R = Resistor, Alarm
RC = Relay Coil
RL = Relay Contacts
RW = Red and White
VR = Voltage Regulator
Y = Yellow
KS = Key Switch

1) Remove Key Switch red/white wire and connect the alarm gray wire to this red/ white wire. Connect the orange and pink wire to the vacated Key Switch terminal.
2) The first negative connection to the alarm must be made from battery number 6 negative terminal.
3) Battery positive must be made at battery number 5 positive terminal.
4) The resistor in the orange wire reduces 48 volts to 12 volts.
5) The VR reduces 16 volts to 12 volts.



LEGEND

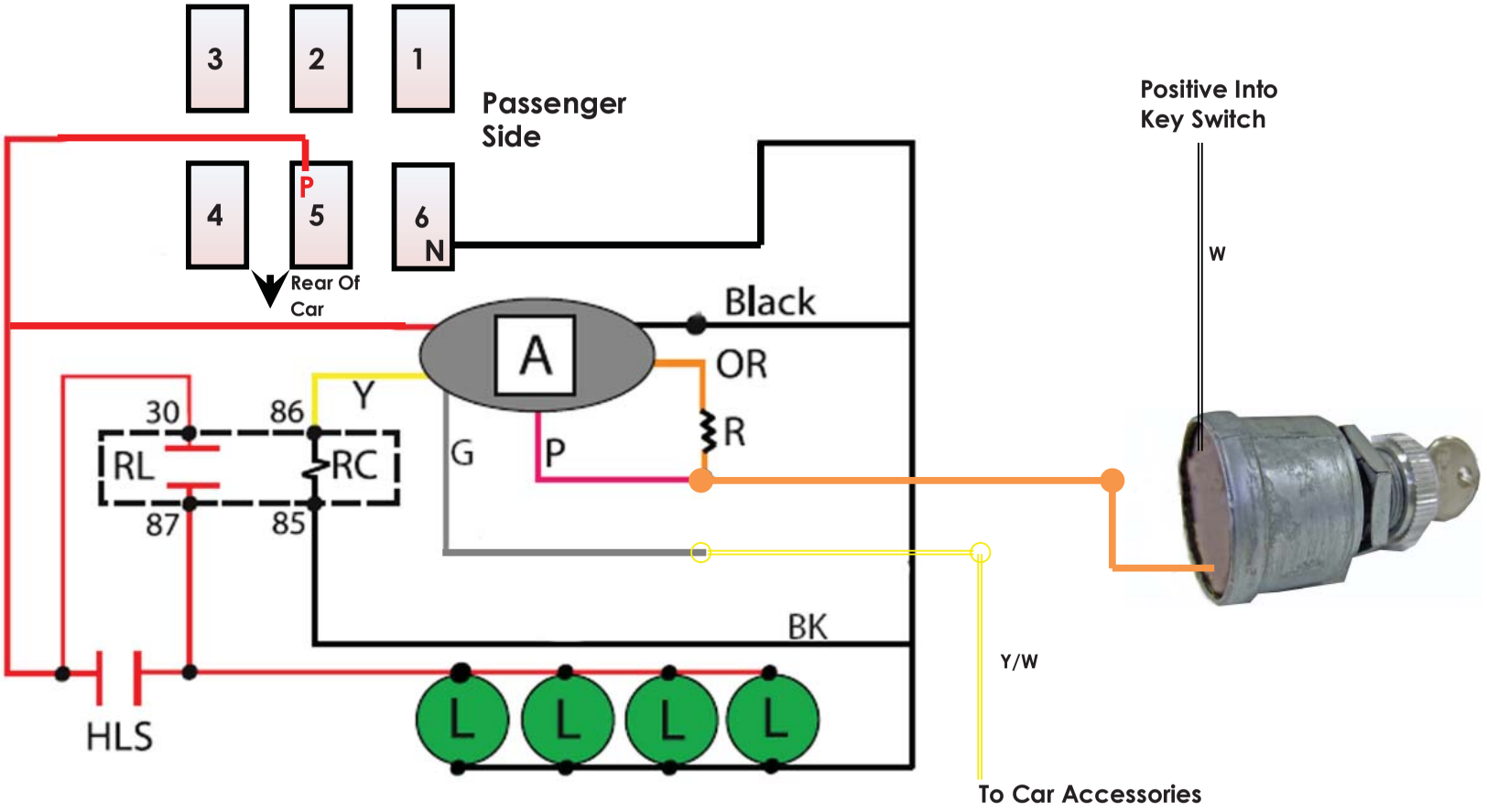
A = Alarm
B = Battery
GR = Green
G = Gray Alarm Wire
HLS = Head Light Switch

L = Lights
OR = Orange Alarm Wire
P = Pink Alarm Wire
R = Resistor, Alarm
RC = Relay Coil

RL = Relay Contacts
S = Solenoid
BL = Blue
Y = Yellow

Note: for the system to work correctly you must leave the car in forward when the car is parked.

Put all the wires back on the solenoid as it was. Remove the voltage regulator from the system. The resistor remains in the orange wire circuit. Remove the green key switch wire and connect it to the gray alarm wire. Connect the orange and pink wire to the vacated key switch terminal. Battery negative must connect to battery number 6 main car negative!



LEGEND

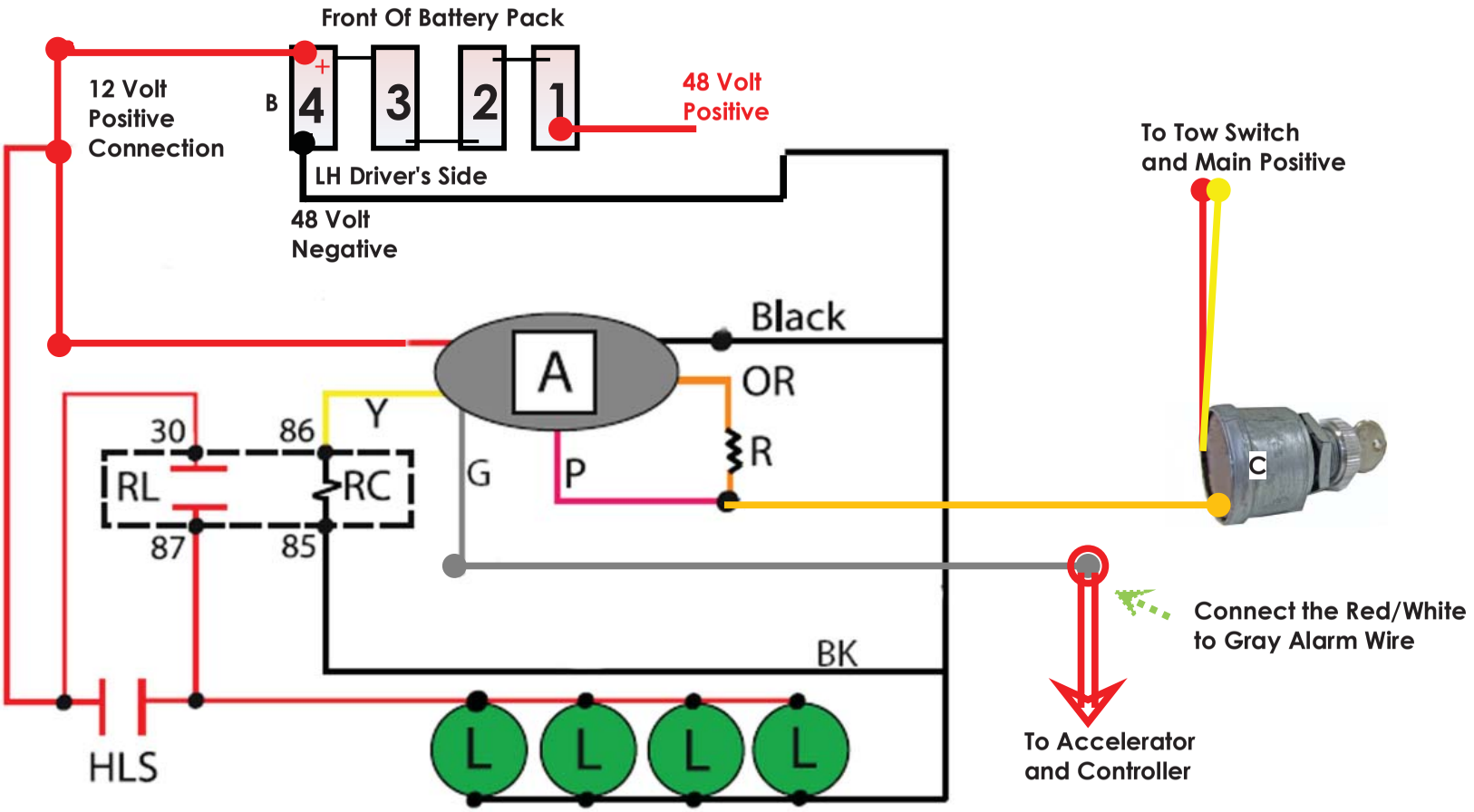
A = Alarm
B = Battery
Y/W = Yellow and White wire
G = Gray Alarm Wire
HLS = Head Light Switch

L = Lights
OR = Orange Alarm Wire
P = Pink Alarm Wire
R = Resistor, Alarm
RC = Relay Coil

RL = Relay Contacts
S = Solenoid
W = White Wire From J1 pin 9
Y = Yellow

Note: for the system to work correctly you must leave the car in forward when the car is parked.

Put all the wires back on the solenoid as it was. Remove the voltage regulator from the system. The resistor remains in the orange wire circuit. Remove the wht/yel key switch wire and connect it to the gray alarm wire. Connect the orange and pink wire to the vacated key switch terminal. Battery negative must connect to battery number 6 main car negative!



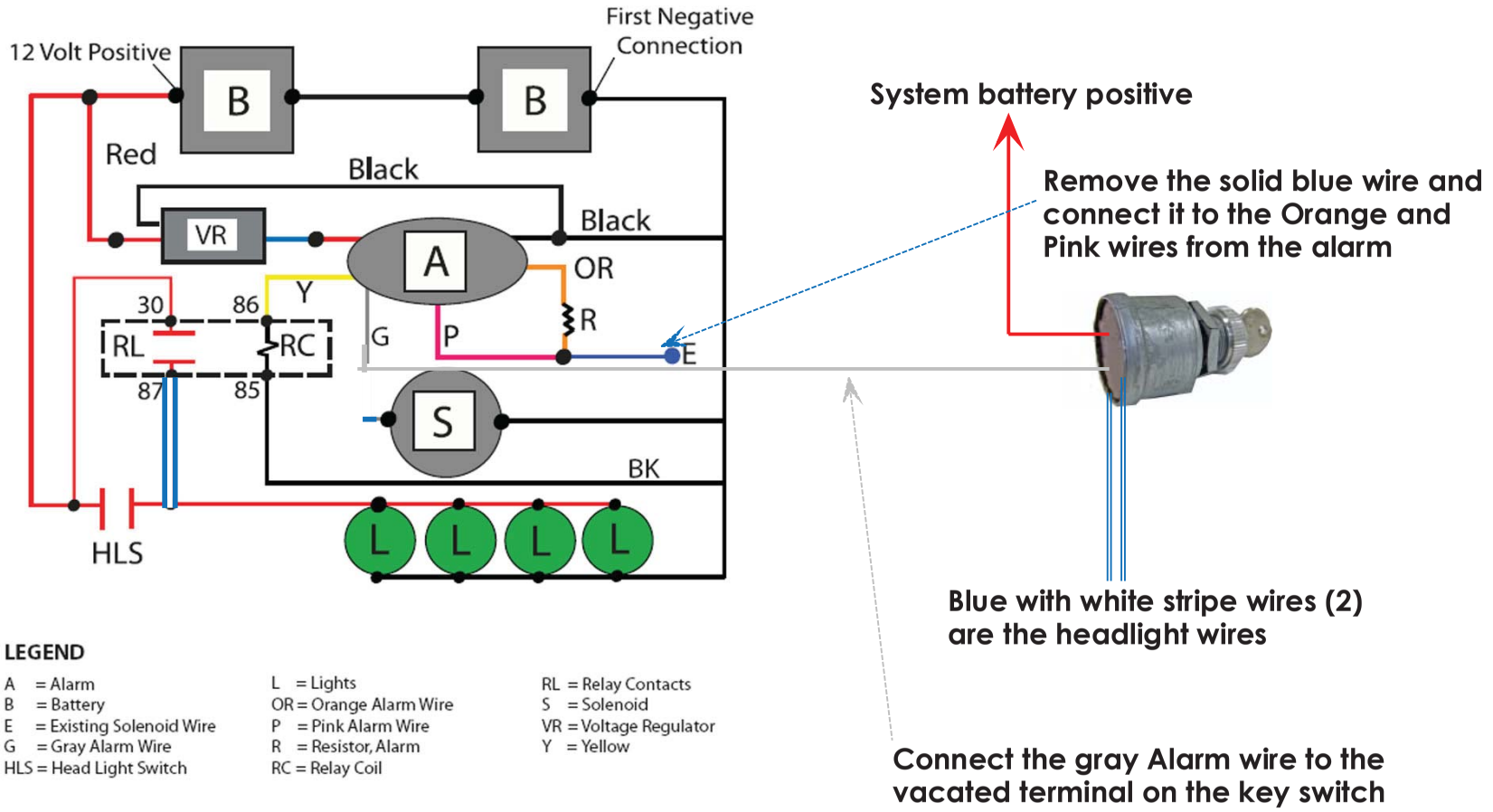
LEGEND

A = Alarm
B = Battery
C = Key Switch
G = Gray Alarm Wire
HLS = Head Light Switch

L = Lights
OR = Orange Alarm Wire
P = Pink Alarm Wire
R = Resistor, Alarm
RC = Relay Coil

RL = Relay Contacts
S = Solenoid
B4 = Battery Number 4
Y = Yellow

Remove the voltage reducer from the system. Disconnect the red/white wire from the key switch and connect this wire to the gray alarm wire. Connect the pink/orange wire to the vacated key switch terminal. Make sure the orange wire resistor is connected. All connections to the battery must be made at #4 battery! System negative must be the cars common negative. 12 voltage positive will be from the #4 battery positive terminal.



LEGEND

A = Alarm
B = Battery
E = Existing Solenoid Wire
G = Gray Alarm Wire
HLS = Head Light Switch
L = Lights
OR = Orange Alarm Wire
P = Pink Alarm Wire
R = Resistor, Alarm
RC = Relay Coil
RL = Relay Contacts
S = Solenoid
VR = Voltage Regulator
Y = Yellow

Once you have the key switch out, you will see 4 wires. Two will be blue with a white stripe. Leave these two wires in place (for now) as they are the head light wires. Note: this is for O.E.M. headlight wiring. If yours is different let me know. You will have a solid red wire and this is to be left in place. One wire you will remove is the solid blue one (I). Make sure your tow switch is in the tow position and then disconnect the battery pack! Do this first. This solid blue wire will connect to the orange and pink wires. The gray alarm wire will connect to the vacated I (ignition) terminal on the key switch. Number 87 on the relay will connect to L (blue with white stripe) Yes, the blue and white stripe wire remains on the L terminal with the new 87 wire. Number 30 connects to 12 volt positive.

INDEMNIFICATION AND INSURANCE AGREEMENT

The ENFORCER Electronic Security Alarm System is a **theft deterrent** product and Mattison Avenue Corporation (d.b.a. Buggies Unlimited) makes no claim that theft of your cart can not or will not occur. ENFORCER Electronic Security Alarm System installation should be performed by a professional. The ENFORCER Electronic Security Alarm System purchaser assumes sole and entire responsibility for, and shall indemnify and save harmless Mattison Avenue Corporation (d.b.a. Buggies Unlimited), from any and all claim, liability, responsibility, and damage, or any costs or expenses resulting from any loss of life or injuries or claimed injuries to persons or property that may be sustained in connection with the use of any product before or after purchase, including but not limited to ENFORCER Electronic Security Alarm System. The ENFORCER Electronic Security Alarm System purchaser also shall indemnify Mattison Avenue Corporation (d.b.a. Buggies Unlimited) and save Mattison Avenue Corporation (d.b.a. Buggies Unlimited) harmless with respect to any and all liability that may be incurred.

Golf carts are recommended for use only by those aged 16 and older. Golf carts can be especially hazardous to operate. Always remember that riding and alcohol/drugs don't mix. Never ride on public roads. Never carry more than two passengers (except shuttles and trams). Never engage in stunt driving. Avoid excessive speeds and be particularly careful on difficult terrain. Buggies Unlimited reserves the right, at any time, to discontinue or change specifications, prices, designs, features, models or equipment without notice and without incurring any obligation.

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