

CLUB CAR® INSTALLATION / 1

YAMAHA® INSTALLATION / 4

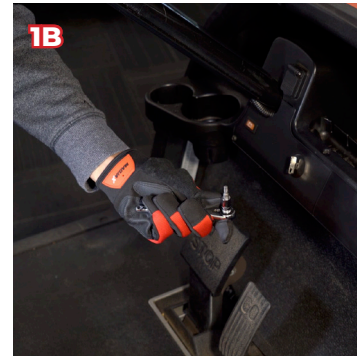
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CLUB CAR® INSTALLATION

STEP 1

Using T10 torx bit, remove the bolt on the top of the instrument panel. Next, using a T27 torx bit, remove the remaining two bolts holding the instrument panel in place.



STEP 2

Remove the instrument panel. Next, locate and remove the two wires on the factory key switch.



STEP 3

Locate the wires attached to the key switch. On the Club Car®, this should be a blue and green wire on the key switch. The green will be a constant 48+ volts from the harness, and the blue will be a switched 48+ volts. You can verify this with a voltmeter if needed (by checking, placing the positive probe on each wire while having your negative probe on the main battery negative).



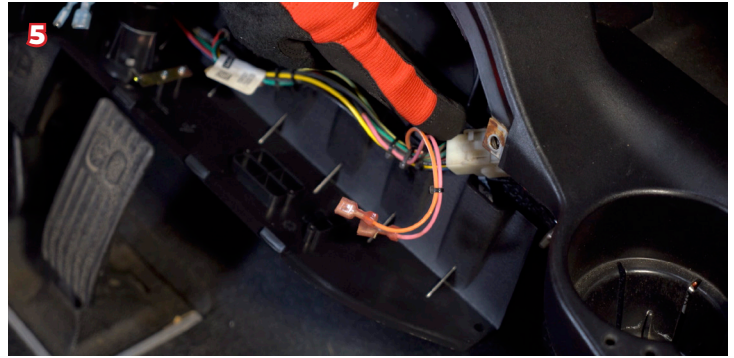
STEP 4

DISCONNECT THE BATTERY TO PREVENT INJURY OR SHOCK.

CLUB CAR® INSTALLATION (cont.)

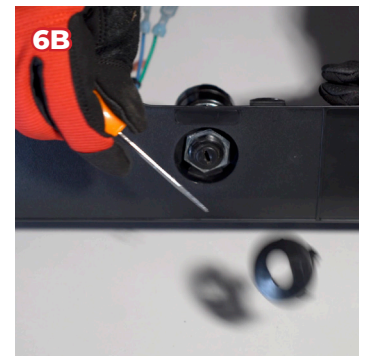
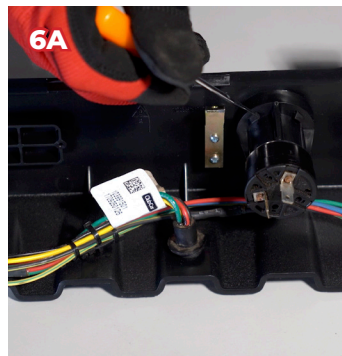
STEP 5

Remove the factory clip to remove the instrument panel from the vehicle.



STEP 6

Remove the cover on the key switch by releasing the tabs on the back and simply sliding off the cover.



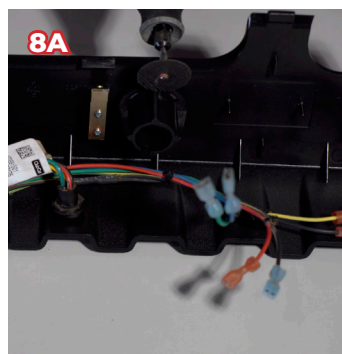
STEP 7

Remove the key switch using a 1" socket.



STEP 8

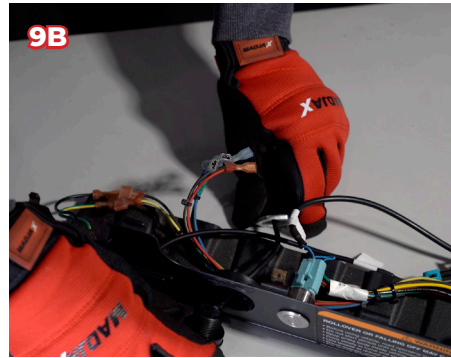
Using a Dremel, cut off the factory key switch extrusion. Next, using a step bit or a drill bit, drill out the factory key switch hole to 59/64 inch to fit the push-to-start button.



CLUB CAR® INSTALLATION (cont.)

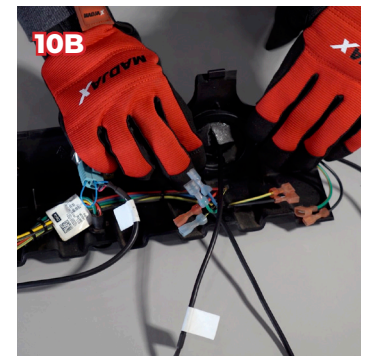
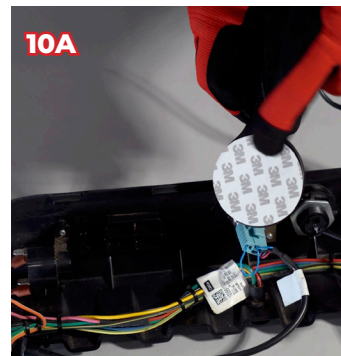
STEP 9

Unscrew the nut on the back of the push-to-start button keeping the washer on the back of the button. Next feed the wire through the factory key switch hole and secure the button with the supplied nut on the back. Ensure the push-to-start button is aligned properly and that the nut on the back is snug tightly.



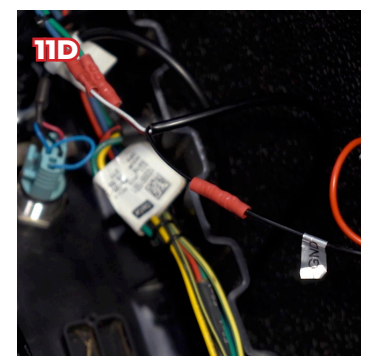
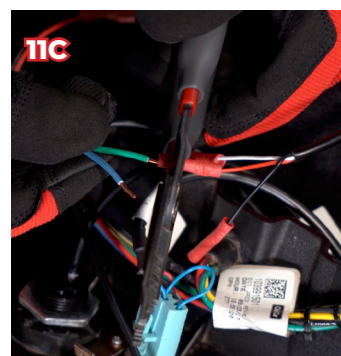
STEP 10

Locate the antenna ring on the MadJax® Passport™ Smart Key System, you can mount this to any flat surface using the supplied 3M tape on the back, we chose to mount the antenna ring around the battery gauge on our vehicle.



STEP 11

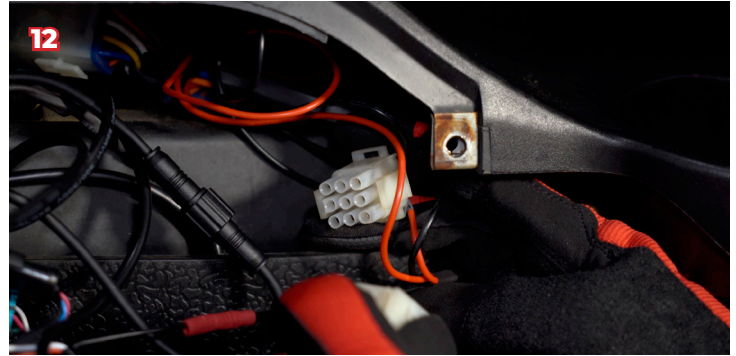
Locate the red, black, and white wires from the MadJax® Passport™ Smart Key System. Crimp the red wire from the MadJax® Passport™ Smart Key System to the Club Car®'s green wire and the white wire to the blue wire we cut from the factory key switch connector. Next, find an existing 12V vehicle ground, and using the supplied butt connector, crimp the black wire to an existing vehicle ground in the dash.



CLUB CAR® INSTALLATION (cont.)

STEP 12

Reconnect the white factory connector to the vehicle.



STEP 13

Reinstall the factory instrument panel.



STEP 14

Reconnect your battery and enjoy your new MadJax® Passport™ Smart Key System.



YAMAHA® INSTALLATION

STEP 1

Pull up on the upper dash panel to gain access to the wiring in the dash.



YAMAHA® INSTALLATION (cont.)

STEP 2

Remove the key from the key switch. Next, using a 25mm socket or an adjustable wrench, remove the nut on the key switch.



STEP 3

Unclip the connector from the back of the factory key switch. On the Yamaha G29, this will be a red/white and a red/yellow wire. The red/yellow wire will have a constant 48+ volts from the cart, and the red/white will be the switched wire. You can verify this with a voltmeter if needed (by checking, placing the positive probe on each wire while having your negative probe on the main battery negative).



STEP 4

DISCONNECT THE BATTERY TO PREVENT INJURY OR SHOCK.

STEP 5

Cut the wires leading to the factory key switch connector off as shown. Next, using wire strippers, strip the ends of the key switch wires off.



YAMAHA® INSTALLATION (cont.)

STEP 6

Locate the antenna ring on the MadJax® Passport™ Smart Key System. This can be mounted to any flat surface on the vehicle using the 3M tape attached. To install the antenna ring simply peel away the 3M backing and firmly press down ensuring proper contact of the 3M adhesive to the mounting surface.

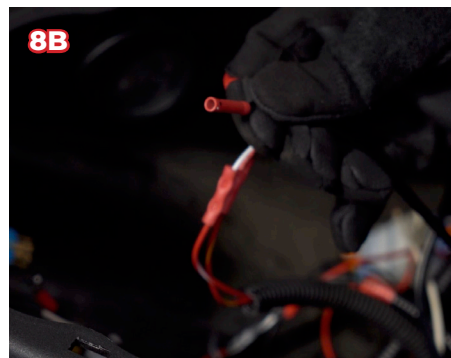


STEP 7

Install your MadJax® Passport™ Smart Key System in the dash. You can secure this down with zip ties to ensure it is properly secure.

STEP 8

Locate the red, black, and white wires from the MadJax® Passport™ Smart Key System. Crimp the red wire from the MadJax® Passport™ Smart Key System to the vehicle's red/yellow wire and the white wire to the red/white wire. Next, find a vehicle ground and, using the supplied butt connector, crimp the black wire to an existing 12V vehicle ground in the dash.



STEP 9

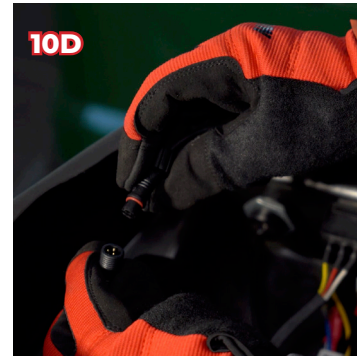
Using a step bit or 59/64 drill bit drill out the factory key switch hole for the push-to-start button.



YAMAHA® INSTALLATION (cont.)

STEP 10

Unscrew the nut on the back of the push-to-start button and remove the nut and washer. Next, feed the wire of the push-to-start button through the hole of the key switch hole. Feed the washer through the wire and secure the nut to the back of the push-to-start button ensuring that the button is aligned straight and that the nut is snug and secured tightly to prevent the push-to-start button from coming loose. Next, plug the connector of the push-to-start button into the MadJax® Passport™ Smart Key System.



STEP 11

Reattach the dash cover onto the dashboard, reconnect your battery and enjoy your MadJax® Passport™ Smart Key System.



ICON® INSTALLATION

STEP 1

Remove the dash by simply pulling up to expose the wiring below. Once the dash is removed unclip the two connectors on the bottom of the dash trim.



ICON® INSTALLATION (cont.)

STEP 2

Locate the connector for the factory key switch and disconnect the connector.



STEP 3

Locate the wires attached to the key switch. On the icon, this should be a red and black wire on the key switch. The black should have a constant 48+ volts from the harness, and the red will have a switched 48+ volts. You can verify this with a voltmeter if needed (by checking, placing the positive probe on each wire while having your negative probe on the main battery negative). After this step is complete, go ahead and **DISCONNECT YOUR BATTERY TO PREVENT SHORT CIRCUITING THE SYSTEM OR SHOCK.**



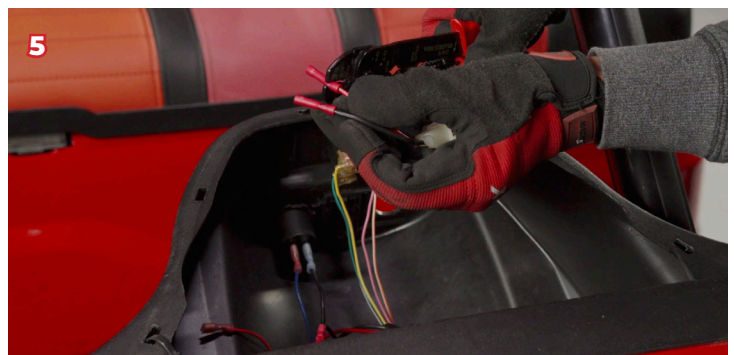
STEP 4

Remove the factory key switch by simply unscrewing the chrome cover on the outside. Next, cut the wires to the connector of the factory key switch as this will be used to connect the MadJax® Passport™ Smart Key System to the vehicle.



STEP 5

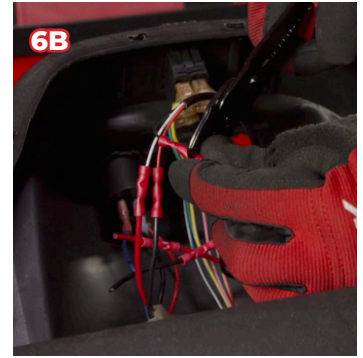
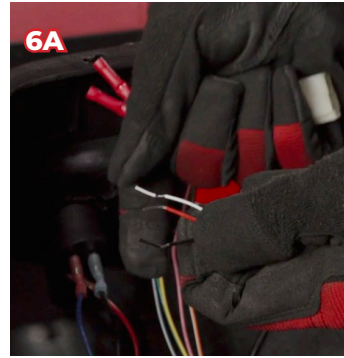
Using the supplied butt connectors in the kit crimp the butt connectors to the +48V and -48V wires on the connector cut from the factory key switch.



ICON® INSTALLATION (cont.)

STEP 6

Locate the red, black, and white wires from the MadJax® Passport™ Smart Key System. Crimp the red wire from the MadJax® Passport™ Smart Key System to the black wire on the factory key switch connector and the white wire from the MadJax® Passport™ Smart Key System to the red wire on the connector to the factory key switch connector. Next, crimp the black wire from the MadJax® Passport™ Smart Key System to an existing 12V vehicle ground using the supplied butt connector.



STEP 7

Locate the antenna ring of the MadJax® Passport™ Smart Key System. You can mount this to any flat surface using the supplied 3M double sided tape. Press firmly to ensure proper adhesion to the 3M tape.



STEP 8

Locate the push-to-start button, unscrew the nut and spacer from the back, then feed the wire through the existing key switch hole, next insert the spacer to the back and thread on the nut snug enough to ensure the push-to-start button is securely fastened.



ICON® INSTALLATION (cont.)

STEP 9

Connect the wire from the push-to-start button to the MadJax® Passport™ Smart Key System.



STEP 10

Reconnect the newly spliced key switch connector to the vehicle.



STEP 11

Reconnect the two connectors to the factory dash trim piece and reinstall the factory dash trim.



STEP 12

Reconnect the battery and enjoy your MadJax® Passport™ Smart Key System.



E-Z-GO®/MADJAX® XSERIES® INSTALLATION

STEP 1

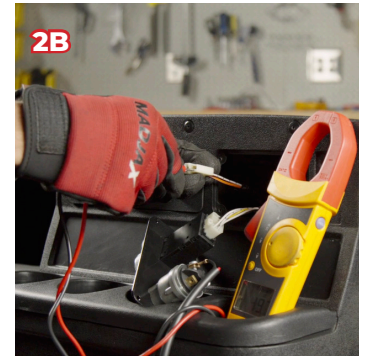
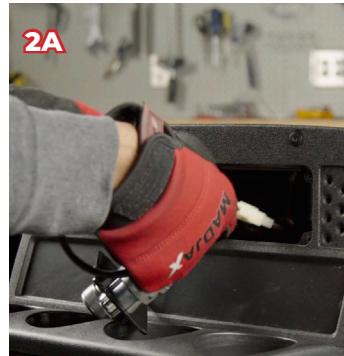
Remove the 4 bolts holding the FNR Switch backing plate.



STEP 2

Locate the wires attached to the key switch. On the E-Z-GO®, these should be a white and yellow wire on the key switch. The white will be a constant 48+ volts from the harness, and the yellow will be a switched 48+ volts.

On the MadJax® XSeries® (Gen1 only), these should be a red and blue wire on the key switch. The red will be a constant 48+ volts from the harness, and the blue will be a switched 48+ volts. You can verify this with a voltmeter if needed (by checking, placing the positive probe on each wire while having your negative probe on the main battery negative).



STEP 3

DISCONNECT THE BATTERY TO PREVENT INJURY OR SHOCK.

STEP 4

Cut the wires to the key switch so you can re-use the connector to plug in your MadJax® Passport™ Smart Key System to the factory key switch clip connector. Using the supplied butt connectors crimp the butt connectors onto the wires of the connector you just cut off the factory key switch. To remove the factory key switch simply unscrew the front cover to remove.



E-Z-GO®/MADJAX® XSERIES® INSTALLATION (cont.)

STEP 5

Pull up as shown to remove the cup holders. Next find a spot to mount your MadJax® Passport™ Smart Key System.



STEP 6

Locate the antenna ring for the MadJax® Passport™ Smart Key System. You can mount this to any flat surface using the supplied 3M tape on the back.



STEP 7

Unscrew the nut and the spacer on the back of the push-to-start button. Next, install the new button by feeding the wire through the existing hole from the factory key switch aligning the locating pin at the top. Screw on the nut and spacer to the back ensuring the nut is tight and the push-to-start button is secured to the backing plate.



STEP 8

Feed the wire to the push-to-start button through the dash and connect it to the MadJax® Passport™ Smart Key System.

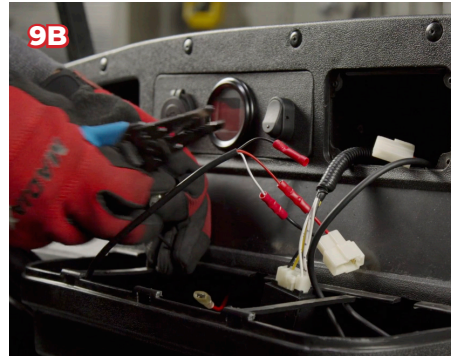


E-Z-GO®/MADJAX® XSERIES® INSTALLATION (cont.)

STEP 9

Locate the red, black, and white wires from the MadJax® Passport™ Smart Key System. Crimp the red wire from the MadJax® Passport™ Smart Key System to the vehicle's white wire on the E-Z-GO® or red wire on the MadJax® XSeries®, and the white wire to the yellow wire on the E-Z-GO® or blue wire on the MadJax® XSeries®, which are cut from the factory key switch connector.

Next, find a vehicle ground and, using the supplied butt connector, crimp the black wire to an existing 12V vehicle ground in the dash.



STEP 10

Connect the wires from the newly spliced connector for the key switch into the factory key switch connector. Reattach the backing plate using the 4 existing Phillips head screws, and snap in the factory cup holders.



STEP 11

TURN ON BATTERY and enjoy your new MadJax® Passport™ Smart Key System.

