

CHALLENGER SERIES

REAR SEAT KIT

BY PROFORMX™

Fits E-Z-GO® RXV®

INSTALLATION INSTRUCTIONS FOR

CHALLENGER SE AND CHALLENGER HD

SE Part

- 50-201-01 Tan
- 50-201-02 White
- 50-201-03 Black



HD Part

- 50-220-01 Tan
- 50-220-02 White
- 50-220-03 Black

All Steps and Illustrations showing Challenger HD. Follow same exact procedures for Challenger SE.



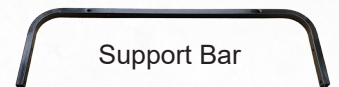
Seat Main Frame



Lean Back Brackets



Rear Cushion Set



Support Bar



Seat Frame Brackets



Seat Back Supports



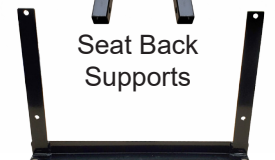
Footrest



Footrest Brackets



Armrests



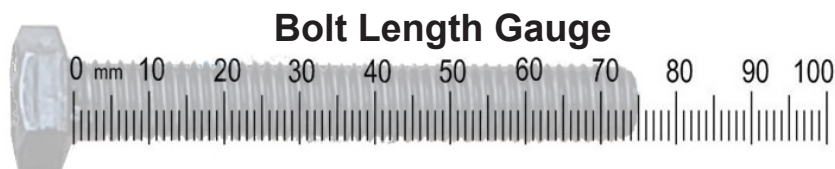
Bagwell Bracket

TOOLS NEEDED

- 17mm socket
- 15mm socket
- 10mm socket
- 17mm wrench
- 15mm wrench
- T45 Torx Socket
- T27 Torx Socket
- #2 Phillips Tip Screwdriver
- Cordless Drill (optional)

PARTS LIST

- Seat Main Frame
- Support Bar
- Armrests
- Bagwell Bracket
- Seat Back Supports
- Footrest
- Footrest Brackets
- Seat Frame Bracket
- Lean Back Brackets
- Rear Cushion Set
- Hardware Packs 1-5
(not pictured)



March 2020

STEP 1

Switch key to the OFF position.

Place TOW/RUN switch to TOW.



OEM PARTS REMOVAL

STEP 2

Using a 15mm wrench and socket, remove and retain the factory canopy and hardware.



STEP 3

Using a T45 Torx socket, remove and retain the factory front seat lean back and bolts.



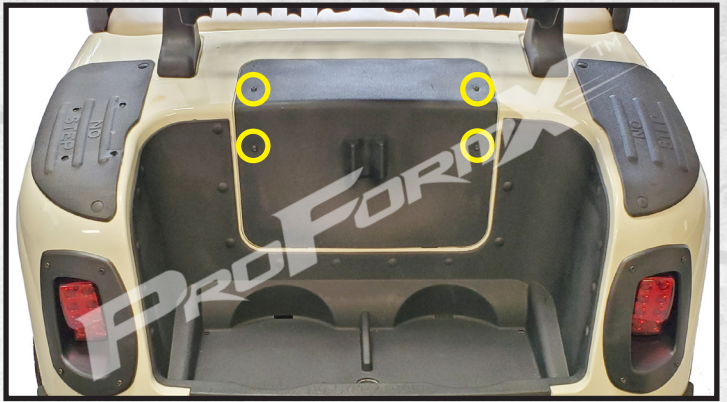
STEP 4

Using a 15mm socket and wrench, remove and retain the factory rear struts and hardware.



STEP 5

Using a T27 Torx socket, remove and retain the factory motor cover and screws.



STEP 6

Using a 15mm socket and wrench, remove the factory sweater basket from the frame.



*For access to other side of bolts, you will need to temporarily remove front seat bottom cushion.



SEAT KIT INSTALL STEP 7

Using a 15mm socket and wrench, attach the new Seat Back Supports to the frame using the retained hardware from STEP 6.



*The Seat Supports should be angled to the rear of the cart as shown.

STEP 8

You can now reattach your motor cover using a T27 Torx socket and hardware from STEP 5.



STEP 9

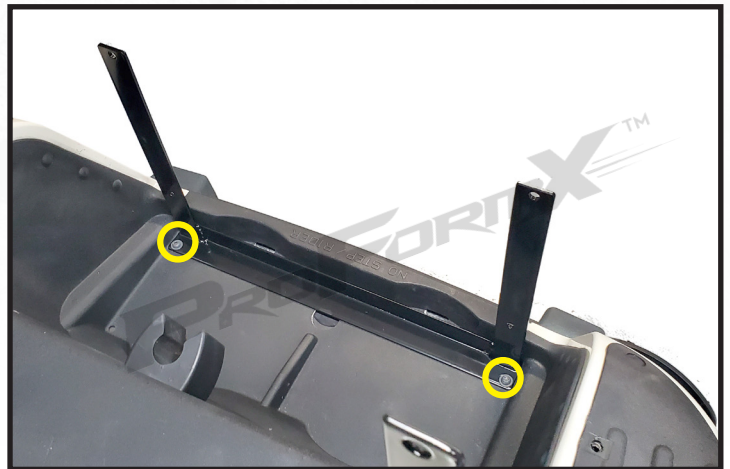
Locate the two factory screws in the bagwell shown, remove with T45 socket and retain.



STEP 10

Attach the Bagwell Bracket to the bagwell using retained hardware from STEP 9.

Note: Do NOT tighten any hardware until after STEP 14



STEP 11

Attach the factory **1** rear struts to the **2** Seat Back Support and **3** Seat Frame Bracket using the hardware retained from STEP 4.

*The flat side of the Seat Frame Brackets should face the outside of the cart as shown, with the longer of the two angles angle pointed to the bottom.

*Rear struts should be on the inside of the Seat Back Supports.

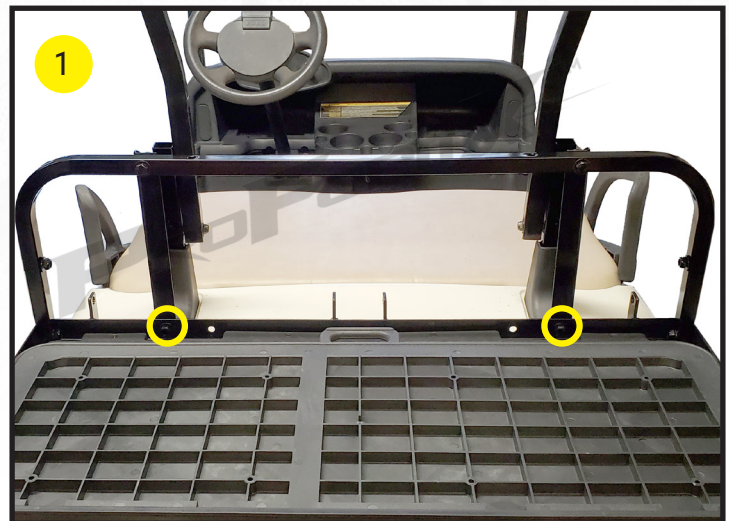


STEP 12

1) Using two of the 10mm x 25mm bolts and washers from Pack 1, attach the Seat Frame to the Seat Back Supports as shown.

2) Using the remaining 10mm x 25mm bolts and hardware from Pack 1, secure the Bagwell Bracket uprights to the Seat Frame cross bar.

Uprights should be behind the crossbar as shown.



STEP 13

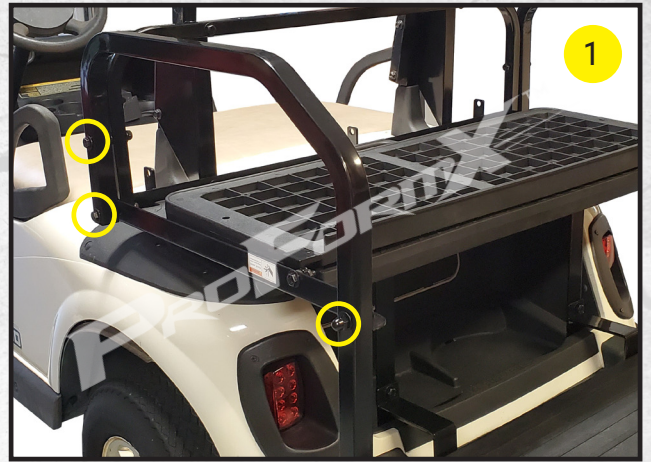
1) Using the 10mm x 75mm bolts and washers from Pack 2, secure Armrests to rear of Seat Frame.

*The plastic spacer should go between the Armrest and Support Bar in the top bolt.

2) Attach Armrests to the front of the Seat

Frame using the 50mm Pan Head bolts for the Challenger HD, use 45mm Pan Head bolts for Challenger SE with washers and acorn nuts from Pack 2.

*The acorn nut must be on the outside of the seat frame as shown.



STEP 14

1) Using the 10mm x 25mm bolts and washers from Pack 3 secure the Footrest to the Bagwell Bracket as shown.

2) Attach the Footrest to each Armrest using the Footrest Brackets and 10mm x 85mm bolts and washers from Pack 3 as shown.

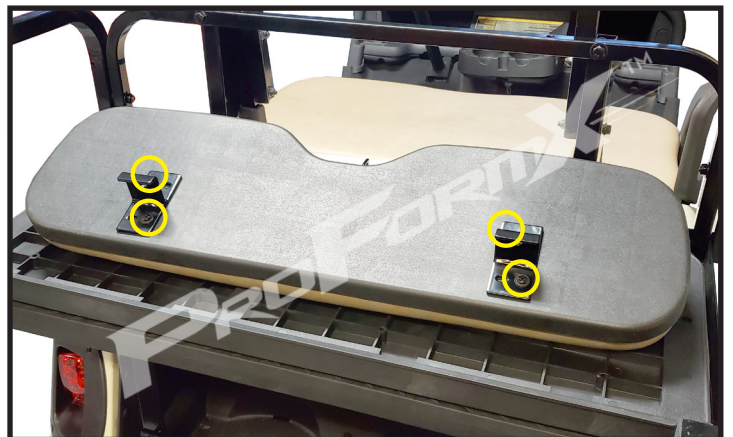
Now tighten all hardware from previous steps.



STEP 15

Use a 10mm socket to attach the Lean Back Brackets to the Lean Back Cushion with the 6mm x 30mm bolts, washers and lock washers from Pack 4 as shown.

*Do not fully tighten until next step.



STEP 16

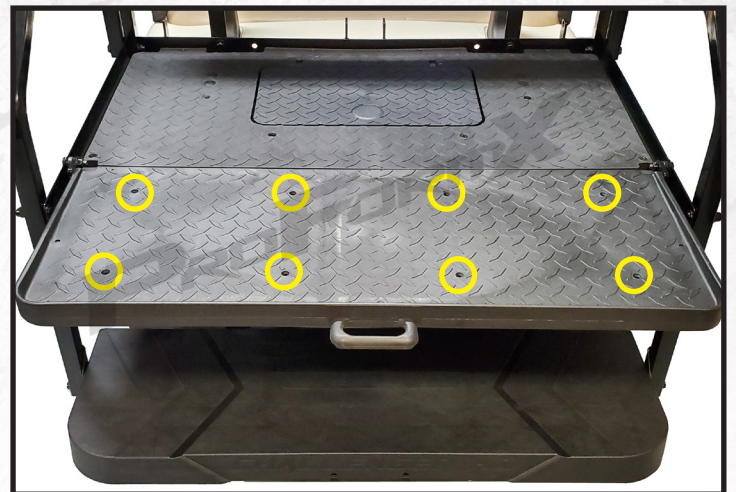
Use the 10mm x 45mm bolts and washers from Pack 4, attach the Lean Back Brackets to the Support Bar. Once both bolts are in place, then tighten all hardware using 17mm wrench/socket and 10mm wrench.



STEP 17

Using the 6mm countersunk bolts from Pack 5 and a #2 Phillips tip screwdriver, attach the Seat Bottom to the flip frame as shown.

***Don't tighten until ALL 8 bolts are started in the threads.**



STEP 18

Attach front seat lean back using hardware retained from STEP 3.

***Once all four bolts are started, then tighten.**



HARDWARE LIST

E-Z-GO® RXV®

Pack 1: (Bagwell Brackets and Frame)

- 10mm x 25mm Shoulder Hex Bolts - 4
- 10mm x 25mm Flat Washers - 8
- 10mm Anti Slip Nuts - 4

Pack 2: (Armrests)

- 10mm x 75mm Shoulder Hex Bolts - 4
- 10mm x 50mm Pan Head Bolts - 2 **Challenger HD**
- 10mm x 45mm Pan Head Bolts - 2 **Challenger SE**
- 10mm x 25mm Flat Washers - 12
- 10mm Anti Slip Nuts - 4
- 10mm Acorn Nuts - 2
- Small Nylon Spacers - 2

Pack 3: (Footrest)

- 10mm x 85mm Shoulder Hex Bolts - 2
- 10mm x 25mm Shoulder Hex Bolts - 2
- 10mm x 25mm Flat Washers - 8
- 10mm Anti Slip Nuts - 4

Pack 4: (Lean Back Seat Brackets)

- 6mm x 30mm Shoulder Hex Bolts - 4
- 6mm x 18mm Flat Washers - 4
- 6mm Lock Washers - 4
- 10mm x 45mm Shoulder Hex Bolts - 2
- 10mm x 25mm Flat Washers - 4
- 10mm Anti Slip Nuts - 2

Pack 5: (Seat Bottom)

- 6mm x 40mm Countersunk Bolts - 8

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Bolt Length Gauge

