

CHALLENGER SERIES

BY PROFORMX™

REAR SEAT KIT

Fits Club Car® Precedent®, Onward® and Tempo®

INSTALLATION INSTRUCTIONS FOR

CHALLENGER HD AND CHALLENGER HD

SE Part

- 50-100-01 Buff
- 50-100-02 White
- 50-100-03 Black

HD Part

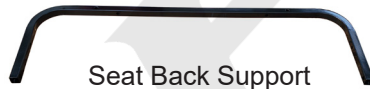
- 50-110-01 Buff
- 50-110-02 White
- 50-110-03 Black



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



Seat Main Frame



Seat Back Support



Rear Cushion Set



Rear Struts



Footrest



Seat Back Brackets



Footrest Brackets



Armrests



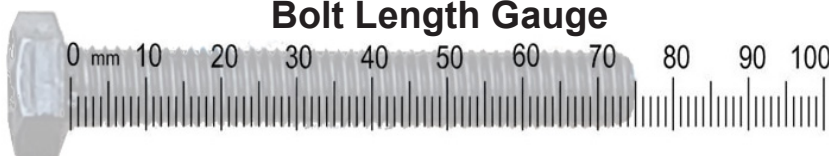
Bagwell Brackets

TOOLS NEEDED

- 17mm Socket
- 10mm Socket
- 8mm Socket
- 17mm Wrench
- 13mm Wrench
- 10mm Wrench
- T40 Socket
- #2 & #3 Phillips Screwdriver
- 6mm Allen Wrench
- Cordless Drill (optional)

PARTS LIST

- Seat Main Frame
- Rear Struts
- Armrests
- Bagwell Brackets
- Seat Back Support
- Seat Back Brackets
- Footrest
- Footrest Brackets
- Rear Cushion Set
- Hardware Packs 1-6 (not pictured)



Bolt Length Gauge

March 2020

STEP 1

Switch key to the OFF position and engage the Parking brake.

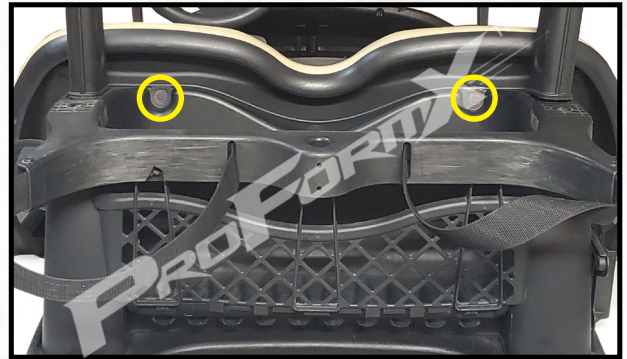
Place TOW/RUN switch to TOW.



DEM PARTS REMOVAL

STEP 2

Remove front seat lean back hardware using a 10mm socket, retain hardware and cushion for use later.



STEP 3

Remove front canopy hardware as shown using a 10mm socket and wrench, retain hardware for use later.

Remove rear canopy hardware using a 13mm wrench and T40 Torx socket, retain hardware and canopy.



STEP 4

Remove lower strut hardware from inside sweater basket using an 8mm socket. Remove factory struts, discard all items.



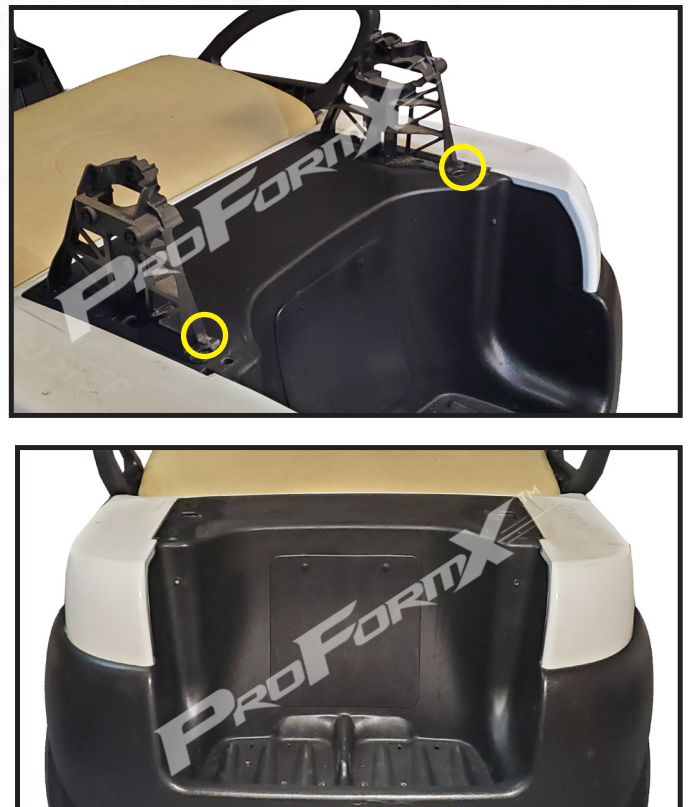
STEP 5

Remove the four sweater basket bolts with a 10mm socket as shown. Retain bolts for use later, discard basket.



STEP 6

Using a 10mm socket, remove the two bolts securing basket retainer to the underbody shown, discard all items.



SEAT KIT INSTALL

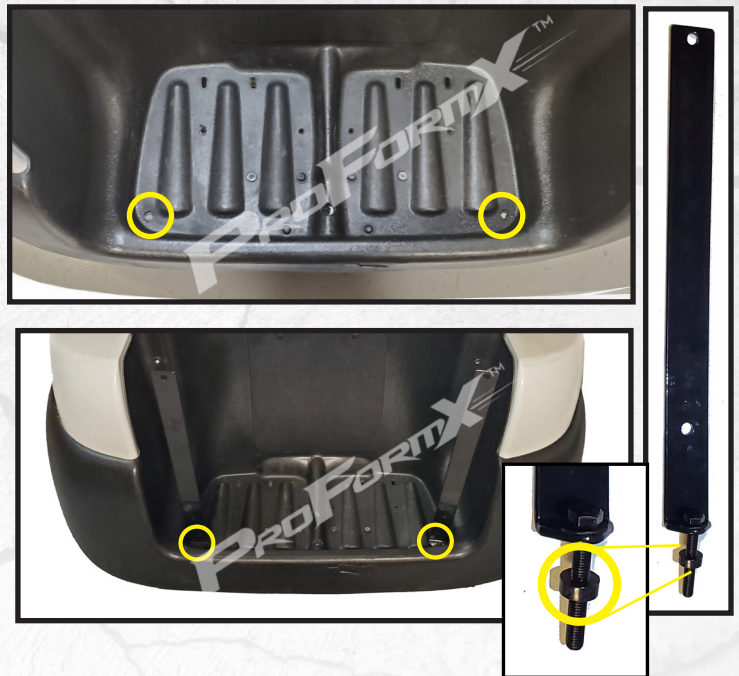
STEP 7

Locate the two outermost holes in the bagwell shown.

Using the 10mm x 70mm bolts and spacers from Pack 1, attach the Bagwell Brackets to the bagwell as shown.

Do NOT tighten hardware.

*For 2014 - older use the 10mm x 45mm bolts.

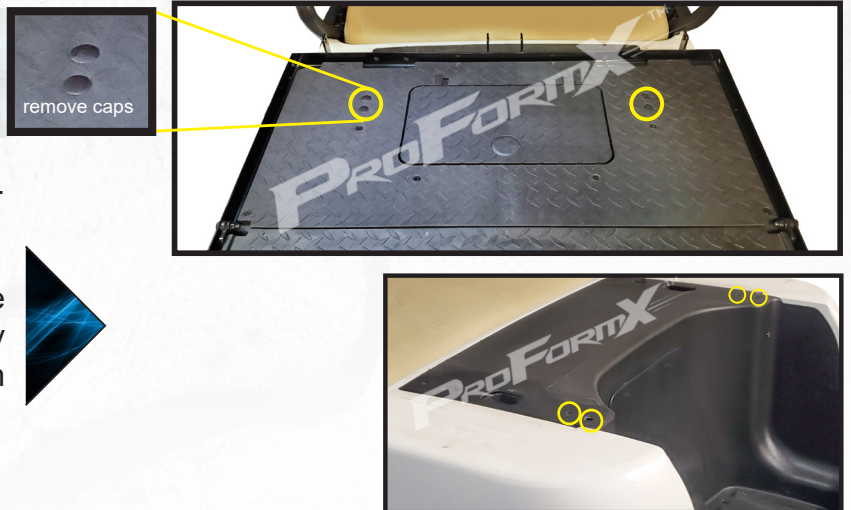


STEP 8

Remove mounting hole caps as shown. Place Seat Main Frame on rear of cart.

Secure Seat Frame to cart using the existing factory holes with four factory bolts retained from STEP 5 with a 10mm socket.

Replace hole caps /plugs when done.

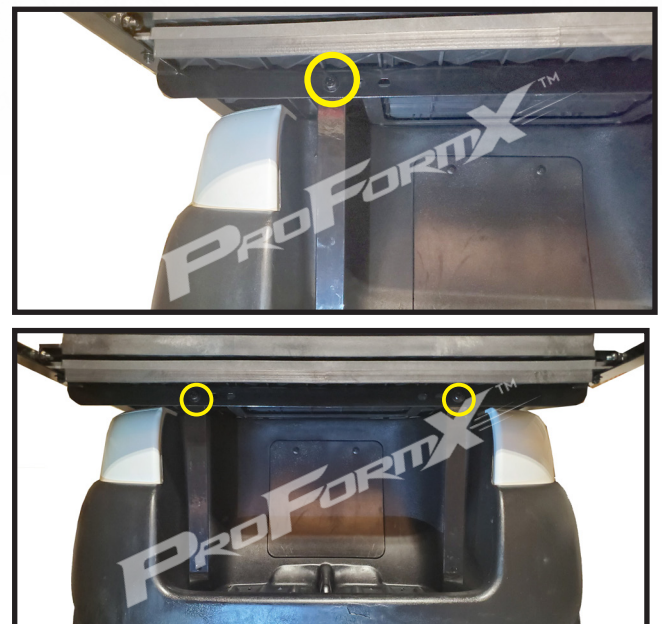


STEP 9

NOTE: From this point, do not tighten any hardware until Step 15.

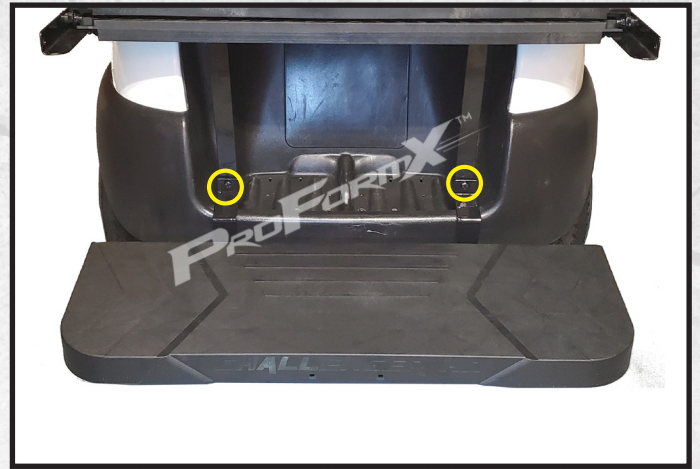
Using the 10mm x 25mm bolts and washers from Pack 1, attach the Bagwell Bracket in the outermost whole of the Seat Frame cross bar.

NOTE: Bagwell Bracket should be behind the cross bar as shown.



STEP 10

Attach Footrest to Bagwell Brackets using the remaining 10mm x 25mm bolts and washers from Pack 1.

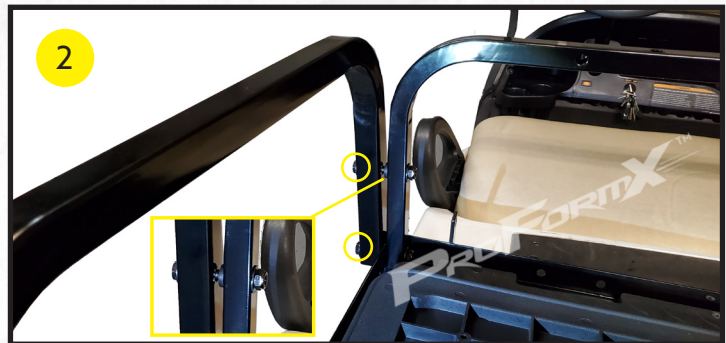


STEP 11

1) Place Seat Back Support along front of Seat Frame.

2) Using the four 10mm x 75mm bolts and washers from Pack 2, attach the Armrests to the Seat Back Support.

*Use the Nylon Spacers from Pack 2 on the upper bolts between the Armrest and Support Bar as shown.



STEP 12

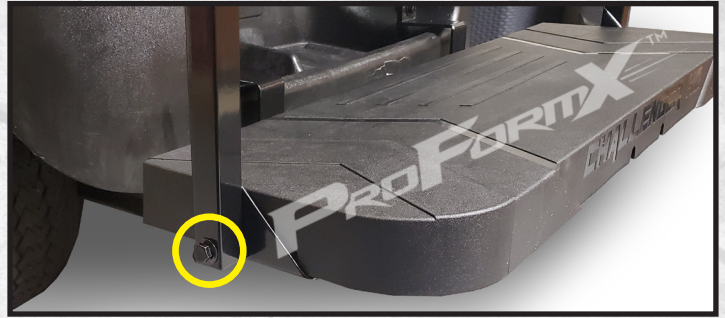
Attach Armrests to the rear of the Seat Frame using the 10mm x 50mm Pan Head bolts for the Challenger HD, use 45mm Pan Head bolts for Challenger SE with washers and acorn nuts from Pack 2.

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



STEP 13

Attach the Footrest and Armrest together using the Footrest Brackets and 10mm x 85mm long bolts with washers from Pack 3 as shown.



STEP 14

Note: The bend in the Rear Strut should point towards the rear of the cart.

1) Attach the Rear Struts to the Seat Frame using the 10mm x 45mm bolts and washers from Pack 4.

2) Attach the Rear Struts to the Seat Support Bar using the 10mm x 60mm bolts and washers from Pack 4.



STEP 15

Reattach factory canopy using the retained hardware from STEP 3.

*****Now tighten all hardware from previous steps using a 17mm socket & wrench, T40 socket and 6mm Allen head wrench.**



STEP 16

Using a 10mm socket, attach the Seat Back Brackets to the Lean Back Cushion with the 6mm x 30mm bolts, lock washers, and washers from Pack 5.

Do not fully tighten hardware until next step.



STEP 17

Using a 17mm socket & wrench, attach Lean Back Cushion with Brackets to Seat Support Bar with the 10mm x 45mm bolts with washers from Pack 5.

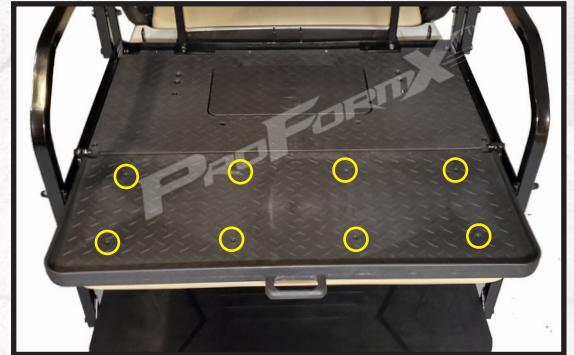
Once both bolts are in place then tighten all hardware.



STEP 18

Attach seat bottom with u-shaped cushion pattern as shown using the 6mm x 40mm countersunk bolts from Pack 6.

NOTE: Start bolts by hand, then use #2 Phillip's screwdriver to tighten.



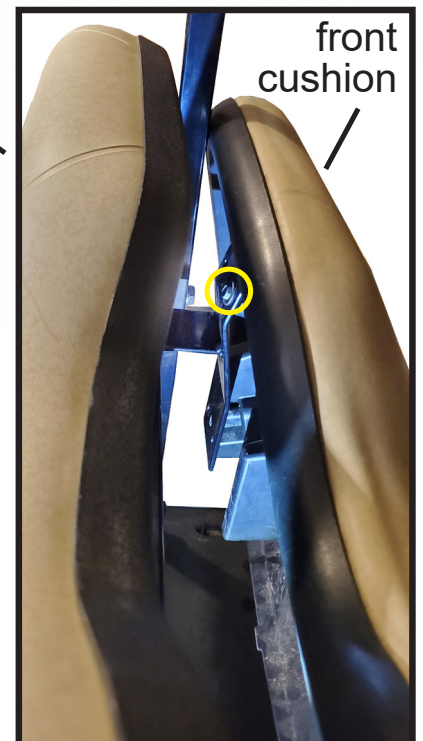
STEP 19

Attach front lean back cushion to new seat back bracket with a 10mm socket using the retained hardware from Step 2.

Using a #3 Phillip's head screwdriver, secure the bottom of the lean back cushion using 8mm x35mm coarse thread screws and washers from pack 6.

rear cushion

front cushion



HARDWARE LIST

PRECEDENT®



Pack 1: (Bagwell Brackets and Footrest)

- 10mm x 25mm Shoulder Hex Bolts - 4
- 10mm x 70mm Shoulder Hex Bolts - 2 (2015-up)
- 10mm x 45mm Shoulder Hex Bolts - 2
- 10mm x 25mm Flat Washers - 12
- 10mm Anti Slip Nuts - 6
- Large Nylon Spacers - 2

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 Flat Washers - 4
- 10mm Anti Slip Nuts - 2

Pack 4: (Rear Struts)

- 10mm x 60mm Shoulder Hex Bolts - 2
- 10mm x 45mm Shoulder Hex Bolts - 2
- 10mm x 25mm Flat Washers - 8
- 10mm Anti Slip Nuts - 4

Pack 5: (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 6: (Rear Seat Bottom and Front Seat Back)

- 6mm x 40mm Countersunk Bolts - 8
- 8mm x 35mm Coarse Thread Screws - 2
- 8mm Washers - 2

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Bolt Length Gauge

