

CHALLENGER SERIES

REAR SEAT KIT

BY PROFORMX™

Fits Club Car® DS®

INSTALLATION INSTRUCTIONS FOR CHALLENGER SE AND CHALLENGER HD

SE Part

- 50-101-01 Buff
- 50-101-02 White
- 50-101-03 Black



HD Part

- 50-120-01 Buff
- 50-120-02 White
- 50-120-03 Black



Seat Main Frame



Seat Back Brackets



Rear Cushion Set

Candy Cane Struts
for older carts
(sold separately)



Footrest



Footrest Brackets



Armrests



Bagwell Brackets



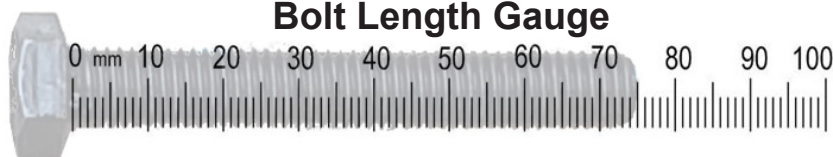
TOOLS NEEDED

- 17mm socket
- 13mm socket
- 10mm socket
- 17mm wrench
- 13mm wrench
- 10mm wrench
- #3 Phillips Tip Screwdriver
- 6mm Allen Wrench
- Cordless Drill (optional)

PARTS LIST

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

Bolt Length Gauge



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 factory canopy, rear struts, sweater basket, seat cushions, and rear bumper.

*Retain all pieces/hardware except sweater basket and bumper.



SEAT KIT INSTALL

STEP 3

1) Attach the Footrest to the rear frame using the 8mm x 30mm bolts and hardware from Pack 1.

2) Attach the Bagwell Brackets to the Footrest as shown using the 10mm x 25mm bolts and hardware from Pack 1.

*Tighten the Footrest to rear Frame and Bagwell Brackets to Footrest to about 95% secure for adjustment later.

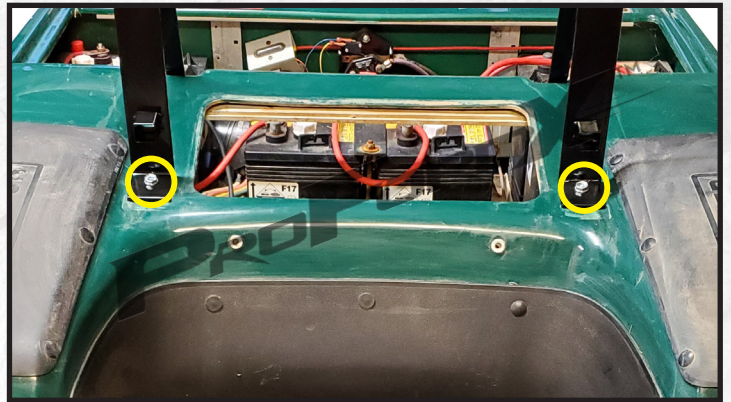
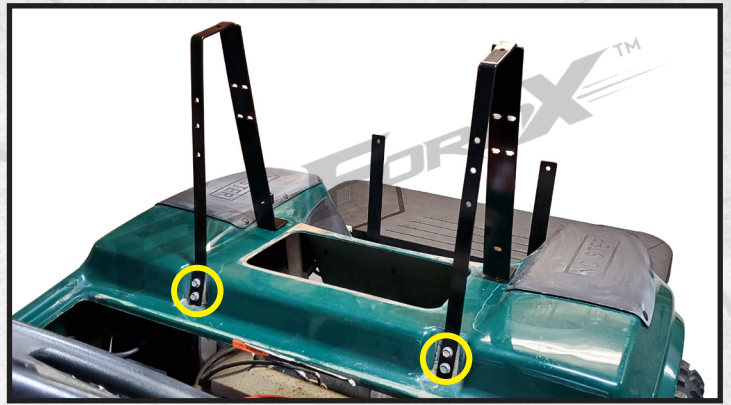


STEP 4

Temporarily remove factory motor cover.

Attach the Seat Back Brackets to the body frame as shown using retained HW from Step 2. Tighten all hardware.

*Once all 6 bolts are secured, Reattach factory motor cover using retained hardware.

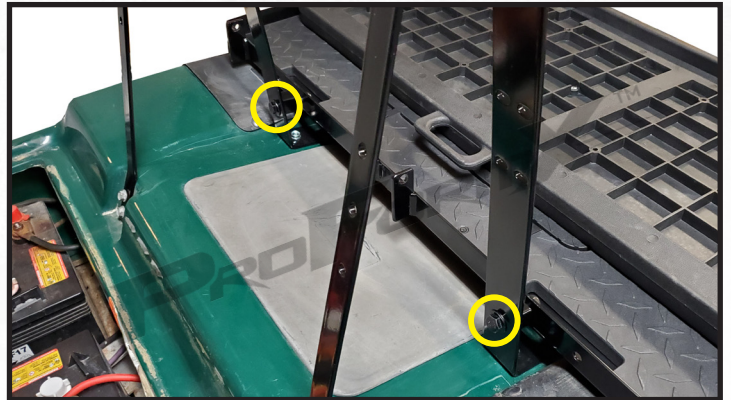


STEP 5

Note: Do not tighten any hardware until after Step 16.

Using the 10mm x 50mm bolts and hardware from Pack 2, attach the Seat Frame to the Seat Back Supports as shown.

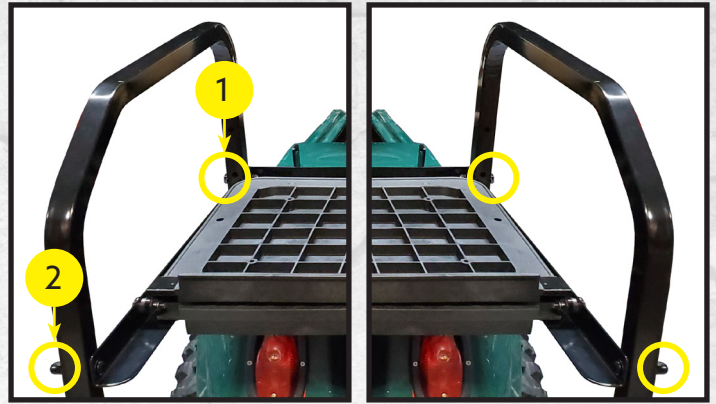
Using the 10mm x 25mm bolts and hardware attach the Bagwell Brackets to the Seat Frame crossframe (center hole). Make sure the uprights are behind the crossframe as shown.



STEP 6

1) Attach rear of Armrests to the Seat Frame using 10mm x 50mm Hex Head bolts & hardware from Pack 3 as shown.

2) Using the 10mm x 50mm Pan Head bolts and Acorn nut from Pack 3, attach the Arm Rests to the front of the Seat Frame.



STEP 7

Attach the Armrests to the Footrest using the Footrest Brackets and 10mm x 85mm bolts and hardware from Pack 4.

*Footrest Bracket flange should be under the Footrest and behind the Armrest as shown to support weight.



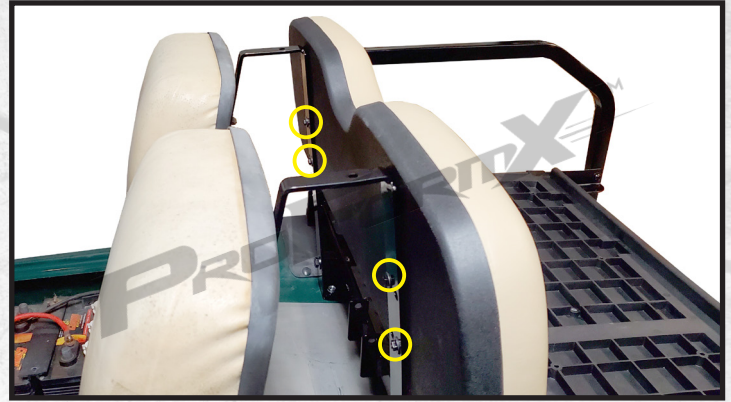
STEP 8

Attach the factory lean back cushion or cushions to the Seat Back Brackets using the retained hardware from Step 2.



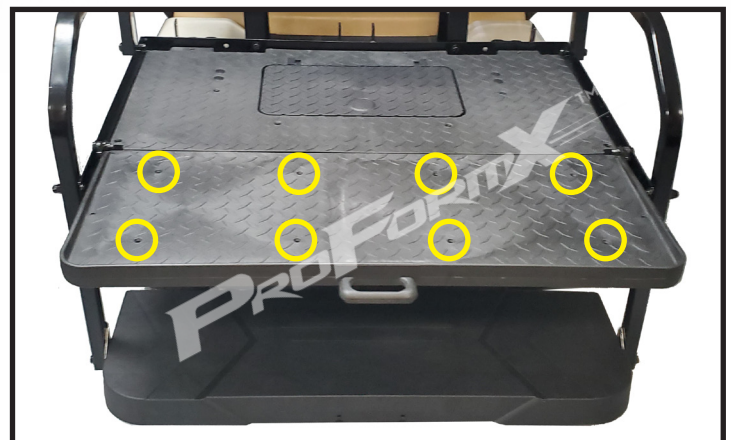
STEP 9

Using the 6mm x 30mm bolts, washers and lock washers from Pack 4, attach the Lean Back Cushion to the Seat Back Brackets. Once all four bolts are in place, then tighten.



STEP 10

Attach the Bottom Cushion to the Flip Frame using the 6mm x 40mm countersunk bolts from Pack 5. Once all eight bolts are in place, then tighten.



STEP 11

For newer model carts use the supplied Rear Struts. Attach Struts to the outside of the Armrests as shown using the 10mm x 75mm bolts and hardware from Pack 6. Tighten hardware.

For older model carts you will need to use Candy Cane struts. Some drilling may be required.



PRO-FORMIX™

HARDWARE LIST

CLUB CAR® DS®

Pack 1: (Frame and Bagwell Bracket)

- 10mm x 25mm Shoulder Hex Bolts - 4
- 10mm x 25mm Flat Washers - 8
- 10mm Anti Slip Nuts - 4
- 6mm x 30mm Shoulder Hex Bolts - 2
- 6mm x 18mm Flat Washers - 2
- 6mm Lock Washers - 2

Pack 2: (Armrests)

- 10mm x 50mm Shoulder Hex Bolts - 2
- 10mm x 50mm Pan Head Bolts - 2 Challenger HD
- 10mm x 45mm Pan Head Bolts - 2 Challenger SE
- 10mm x 25mm Flat Washers - 8
- 10mm Anti Slip Nuts - 2
- 10mm Acorn Nuts - 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)

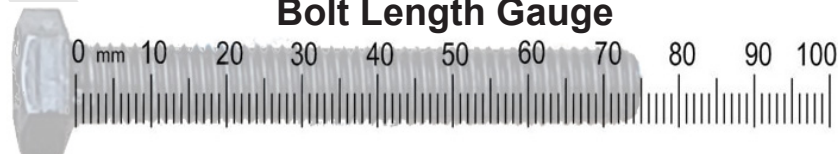
- 6mm x 40mm Shoulder Hex Bolts - 4
- 6mm x 18mm Flat Washers - 4
- 6mm Lock Washers - 4

Pack 5: (Seat Bottom)

- 6mm x 40mm Countersunk Bolts - 8

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Bolt Length Gauge



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