

# CHALLENGER SERIES

## REAR SEAT KIT

BY **PROFORMX™**

Fits Yamaha® Drive2®

### INSTALLATION INSTRUCTIONS FOR

## CHALLENGER SE AND CHALLENGER HD

#### SE Part #

50-301-01 Stone

50-301-02 Black

#### HD Part #

50-320-01 Stone

50-320-02 Black



Seat Main Frame



Seat Back Brackets



Rear Cushion Set



Footrest



Footrest Brackets



Armrests



Bagwell Bracket

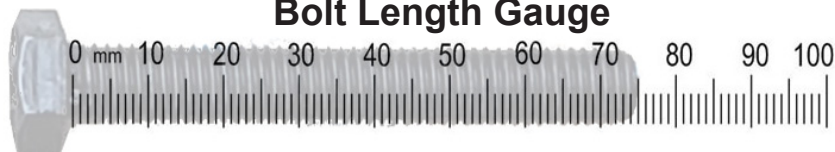
### TOOLS NEEDED

- 17mm socket
- 13mm socket
- 12mm socket
- 10mm socket
- 17mm wrench
- 13mm wrench
- 10mm wrench
- #3 Phillips Tip Screwdriver
- 6mm Allen socket
- 5mm Allen socket
- 4mm Allen socket
- Cordless Drill (optional)

### PARTS LIST

- Seat Main Frame
- Armrests
- Bagwell Brackets
- Seat Back Supports
- Footrest
- 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.



## OEM PARTS REMOVAL

# STEP 2

Remove hardware from canopy using a 13mm wrench and 5mm Allen head socket.

Using a 4mm Allen head socket remove rear gutters and gutter seals as shown.

Retain all pieces.

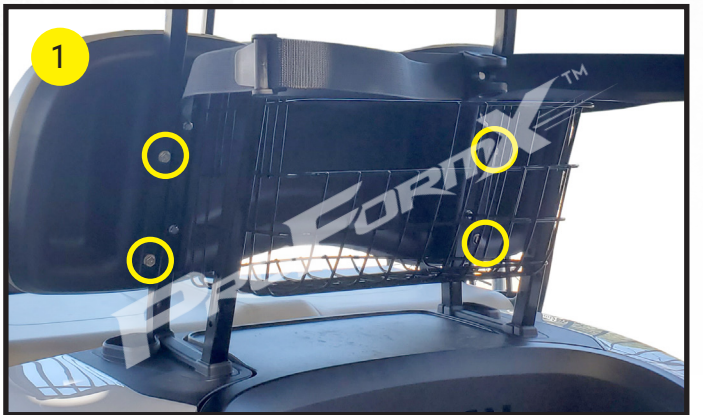


# STEP 3

1) Using a 13mm socket, remove and retain rear struts.

2) Remove and retain the front seat lean back cushion from the sweater basket using a 10mm socket.

Retain all hardware for later steps.



# STEP 4

Temporarily remove sweater basket covers.

Using a 12mm socket remove and retain the sweater basket bolts. Discard sweater basket.

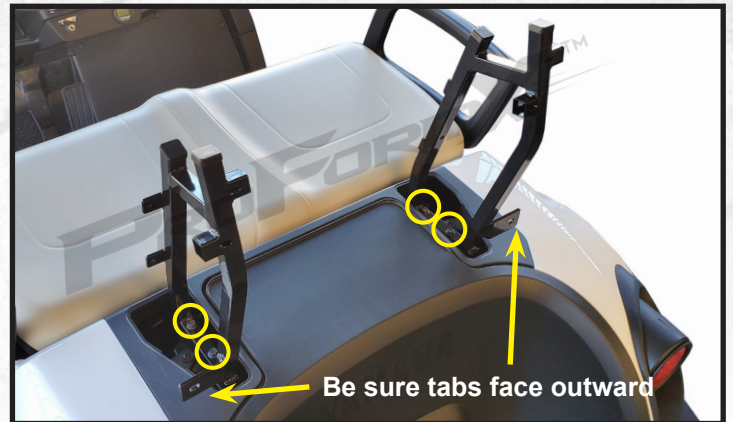


## SEAT KIT INSTALL

# STEP 5

Install new Seat Back Supports to frame using bolts retained from STEP 4. Do not fully tighten hardware until STEP 11.

**Note:** Mounting tabs should face the outside of cart as shown and Seat Frame mounts should face rear of cart.

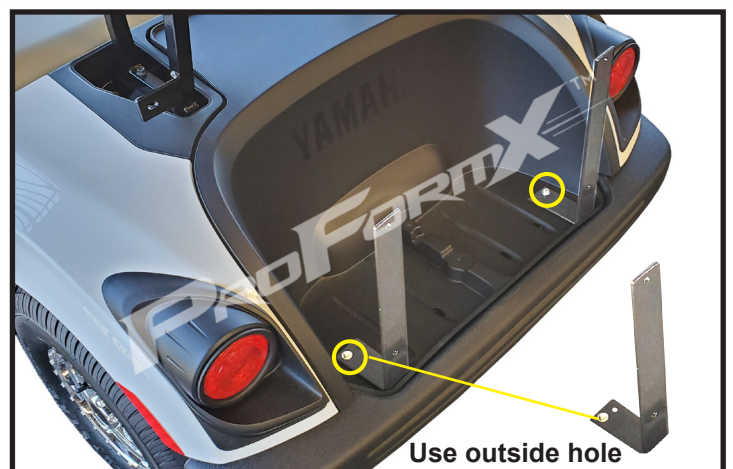


# STEP 6

Using a 10mm socket, remove the factory bagwell bolts shown.

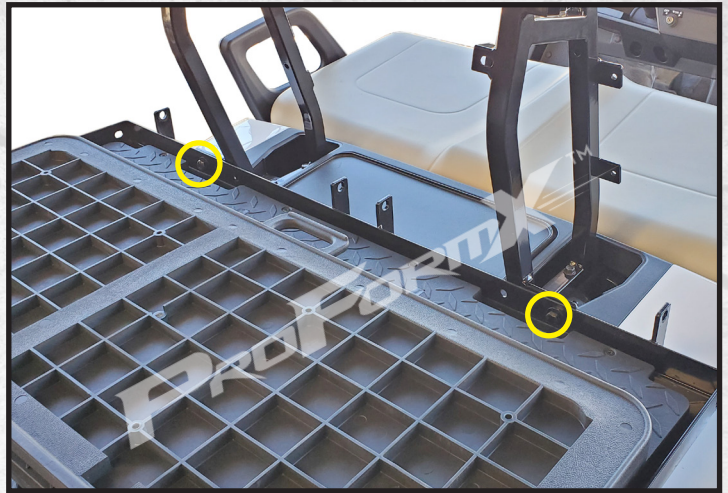
Attach the Bagwell Brackets to the bagwell using the outer hole in the bottom of the bracket with 6mm x 40mm bolts and washers from Pack 1.

**\*Do NOT tighten any hardware until after STEP 11.**



# STEP 7

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



# STEP 8

Using the remaining 10mm x 25mm bolts and washers from Pack 1, attach the Seat Frame to the Bagwell Brackets as shown.

**Note:** Bagwell Bracket mounts behind the crossbar as shown.

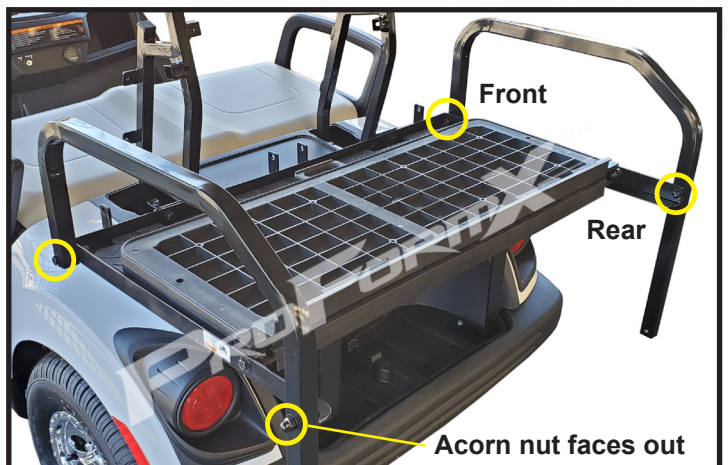


# STEP 9

Using the 10mm x 50mm bolts and washers from Pack 2, secure Armrests to front of Seat Frame.

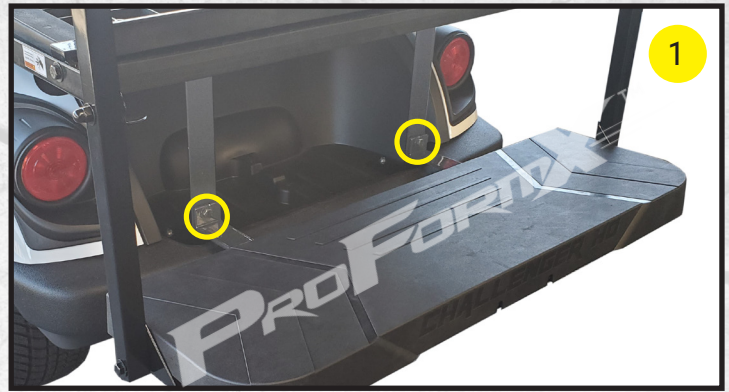
Attach Armrests to the rear of the Seat Frame using the 50mm Pan Head bolts for the Challenger HD, use 45mm Pan Head bolts for Challenger SE with washers and acorn nuts from Pack 2.

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



# STEP 10

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



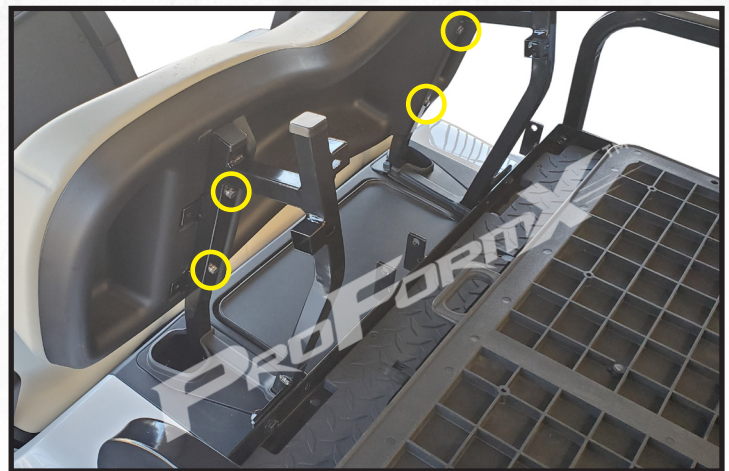
2) Attach the Footrest to each Armrest using the Footrest Brackets and 10 x 85mm bolts and washers from Pack 3 as shown.



**Note:** Footrest Bracket flanges should be behind the Armrest and under the Footrest to support weight.

# STEP 11

Attach front seat lean back cushion to Seat Back Supports using a 10mm socket and retained hardware from STEP 3 Once cushion is secured, you can fully tighten Seat Back Supports to frame from STEP 5.



Reinstall gutter covers.

**Note:** Tighten all hardware here.

# STEP 12

Attach factory rear struts to Seat Back Supports using a 13mm socket and retained hardware from STEP 3.

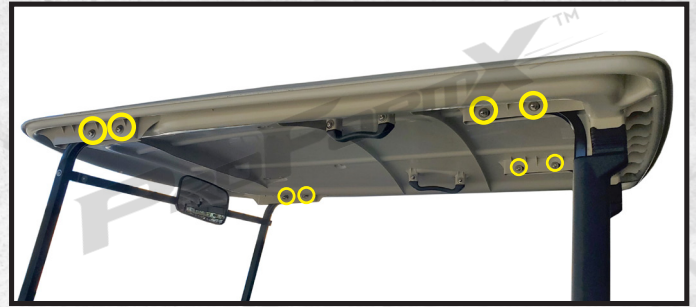
\*Reattach gutters to rear struts using a 4mm Allen head socket and retained hardware from STEP 4.



Replace gutter seals.

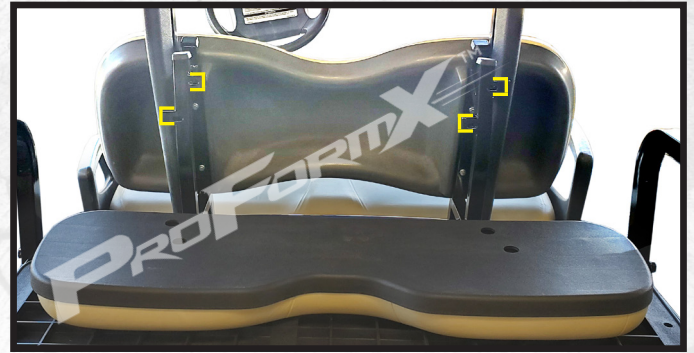
# STEP 13

Reattach canopy using a 13mm wrench and 5mm Allen head socket with retained hardware from STEP 2.



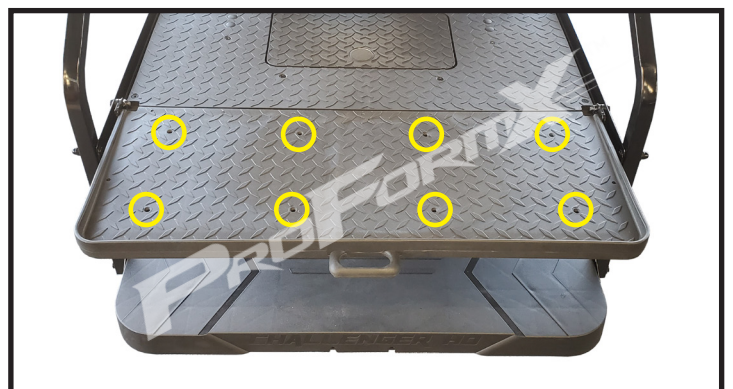
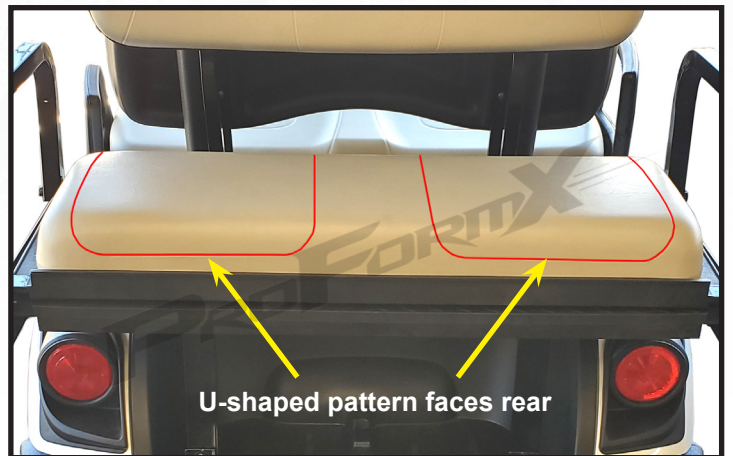
# STEP 14

Attach Lean Back Cushion to the Seat Back Supports using the 6mm x 50mm bolts and washers from Pack 4.



# STEP 15

Attach Seat Bottom Cushion to the flip frame using the 6mm x 40mm countersunk bolts Pack 5.



# HARDWARE LIST

# YAMAHA® DRIVE2®

## Pack 1: (Bagwell Brackets and Frame)

- 6mm x 40mm Shoulder Hex Bolts - 2
- 6mm x 18mm Flat Washers - 2
- 6mm Lock Washers - 2
- 10mm x 25mm Shoulder Hex Bolts - 4
- 10mm x 25mm Flat Washers - 8
- 10mm Anti Slip Nuts - 4

## 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 50mm Shoulder Hex Bolts - 4
- 6mm x 18mm Flat Washers - 4
- 6mm Lock Washers - 4

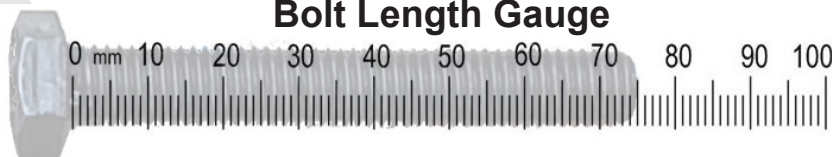
## Pack 5: (Seat Bottom)

- 6mm x 40mm Countersunk Bolts - 8



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## Bolt Length Gauge



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