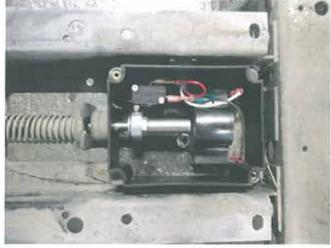
REDHAWK

4-PASSENGER STRETCH BOLT-ON Part# RH080ETBOG Gas - E-Z-GO - TXT INSTALLATION INSTRUCTIONS

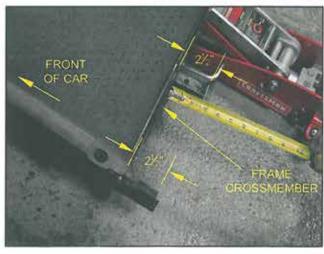




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STEP 1:

Save ALL OEM Hardware for later use.

Remove the top.

Remove the seat bottom and seat back basket assembly.

Disconnect and Remove the batteries. (Label connections)

Remove both side trim pieces from the car.

Remove front floor mat.

Remove Choke cable from car.

Drill metal rivets, remove plastic push pins & rear body from car. Completely remove the brake rod, detatch brake cables from the front of car (Leave connected to OEM equalizer.

Remove Gas Tank, Remove Shifter Cables from Car.

STEP 2:

Open Accelerator access panel in floor and disconnect wiring and Accelerator cable (Label connections) Remove wires and cable from Accelerator box and pull to rear of car.

STEP 3:

Remove plastic rivets from Ignition switch plate in dash.

Disconnect All wires in dash labeling connections. Pull wires to rear of car.

STEP 4:

Remove battery tray & Gas Tank tray from car. Support front of engine and disconnect Snubber plate from frame.

STEP 5:

Cutting the car in Half

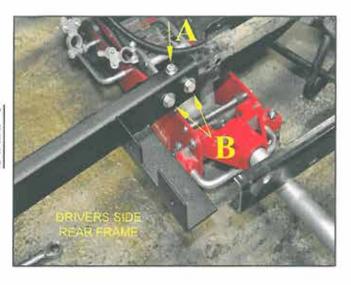
Measure back $2\frac{1}{2}$ " from the frame cross member and mark. Square and mark line across frame and side rail. Place jack stands under each half of car to support it. Cut only the side rails and frame of car along marks.

Do Not Cut Battery Tray or Side Tray Angles!

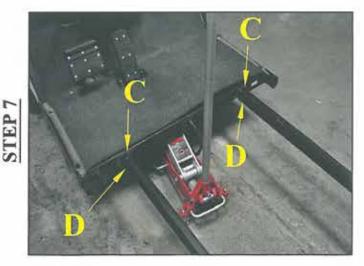
Pull the 2 halves of the car apart, check that cuts are stright & square, grind all edges of cuts making them smooth.

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PASSENGER SIDE FRONT TOP VIEW DRIVERS SIDE





STEP 6:

Slide the new Steel Frame Extension onto the rear frame of the car. Press the Frame Extension all the way in so it hits the inside tube frame tube. Clamp in place, and Drill (1)-11/32" hole down through the top of the frame on each side at (Location A). Attach using: (2)-1/6" x 3" Hex Head Bolts, (4)-1/6" Flatwashers,

(2)- 16" Locknuts. (Use Grade 8 bolts.)

On the side of the rear frame, Drill (2)- ${}^{1}\frac{1}{3}$ 2" holes through the frame at (Location B). Repeat for other side. Attach using: (4)- ${}^{1}\frac{1}{3}$ 8" x 2" Hex Head Bolts, (8)- ${}^{1}\frac{1}{3}$ 8" Flatwashers, (4)- ${}^{1}\frac{1}{3}$ 8" Locknuts. (Use Grade 8 bolts.)

Do NOT tighten bolts at this time!

STEP 7:

Slide the new Steel Frame Extension onto the front frame of the car. Press the Frame Extension all the way in so it hits the inside tube frame tube. Clamp in place, and Drill (1)- $^{1}1/_{32}$ " hole down through the top of the frame on each side at (Location C) attach using: (2)- $^{1}1/_{6}$ " x 3" Hex Head Bolts, (4)- $^{1}1/_{6}$ " Flatwashers, (2)- $^{1}1/_{6}$ " Locknuts. (Use Grade 8 bolts.)

On the side of the front frame, Drill $(1)^{-1}\frac{1}{32}$ " holes through the frame at (Location D). Repeat for the other side. Attach using:

- (2)- ¾" x 2" Hex Head Bolts, (4)- ¾" Flatwashers,
- (2)- 3/8" Locknuts. (Use Grade 8 bolts.)

Square & Level Frame and tighten all bolts. Remove the car from the jack stands.

OPTIONAL STEP 7B:

To improve the EZ-GO TXT front suspension, weld all seams joining the frame extensions to the OEM frame with frame Level & Square.

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STEP 8

*Note: You will need to notch the lip of the Gas Tray or Passenger Side Tray to go around the frames new side bolts

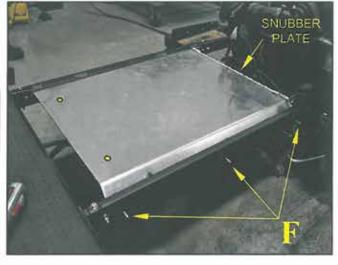
Re-install the Battery Tray & Gas Tray to the car with factory bolts at the rear of the trays only.

Secure the front of the Trays to the angle on the new Frame Extensions at (Location E) using:

(4)- 1 Hex Head Bolts, (8)- 16 Flatwashers,

(4)- 1/6" Locknuts.

*Note: On Battery tray use 12" Black wire extension to move ground connection back to rear of the battery tray.



STEP 9:

Install the Center Frame Floor Insert.

Place it between the two Frame Extensions with the end cap side against the Snubber mount bracket on the motor.

Place bolts from the inside at (Location F) using:

(6)- $\frac{1}{16}$ " x $2\frac{1}{2}$ " Hex Head Bolts, (6)- $\frac{1}{16}$ " Flatwashers (Use Grade 8 bolts.)

Do NOT secure at this time!

Secure the Snubber Plate to the Center Frame Floor Insert using:

(2)-¾" x 1" Hex Head Bolts, (4)- ¾" Flatwashers,

(2)-¾" Locknuts. (Use Grade 8 bolts.)



STEP 10:

Secure the Outside Frame Panels to each of the sides of the frame. Secure with the bolts exposed through the frame at (Location F). Use: $(6)-\frac{5}{16}$ " Grade 8 Flat washers, $(6)-\frac{5}{16}$ " Grade 8 Locknuts.

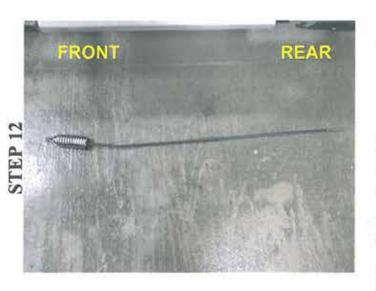


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STEP 11:

Wiring the car

Use the Wire Harness Kit, Part#6552 to stretch OEM wiring Match the colors up one by one, using the butt connectors. Run the wires back to front of car under the sub floor or in the channels provided by sub flooring and position back in OEM Locations.



STEP 12:

Install front of Brake cables to mid sub floor at provided notches using OEM fasteners. Install front of Brake Rod #6525 (Bend goes to front of car) to OEM bracket using spring and hardware. Place (1) ½6" locknut on tip of rod after passing it through spring like original brake rod. Slide rear of rod through OEM brake equalizer. Place (1) ½6" Grade 8 Flat Washer, (1) ½6" Locknut on rear end of rod. Adjust brakes using installed Locknut.

Install new brake rod assembly placing the rear of the rod through brake cable equlizer and attaching the front to OEM location using saved hardware. Adjust as needed. Brake Pedal should have Approximately 1" of free play.

*NOTE: If your E-Z-GO TXT Has a 400 engine use step #23A for Accellerator Cable Installation @ rear of car.

Install new Accellerator Cable (PA1510)
Run the Accellerator Cable on top the floor frame in the drivers side channel made by the floor frame.
Install the cable back to the OEM position.
Install New stretched wires to Accelerator connections

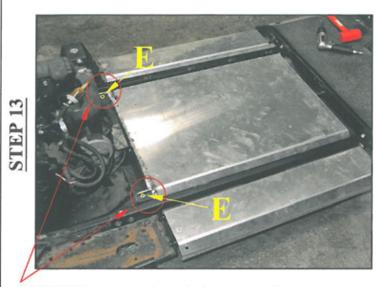
Replace the access panel cover with the OEM bolts.







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* NOTE: You may need to grind the outer edges of Body's Front Support to fit inside new Frame Runners!



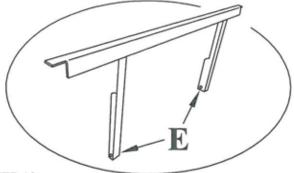
Reinstall the battery to the car. Do NOT hook up the battery. Reinstall the Gas Tank.

STEP 15:

Place the rear body back onto the car. Secure the rear body down in bagwell using OEM fasteners.

Drill (3)- 3/16" Holes on the front lip of the rear body to sub floor. Secure with (3)-1/4" x 11/4" Pan Head Sheet Metal Screws.



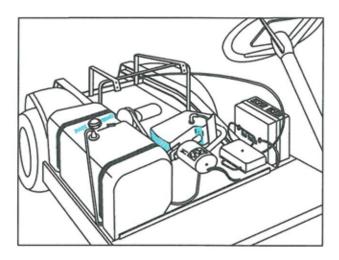


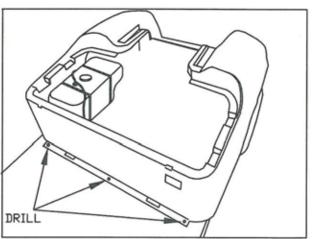
Secure the front factory rear body mount to the angle mounts on the center frame floor at (Location E). Using:

- (2)- $\frac{1}{16}$ " x $\frac{3}{4}$ " Hex Head Bolts, (4)- $\frac{5}{16}$ " Flatwashers, (2)- $\frac{5}{16}$ " Locknuts.

Hook the new Shifter Cable (Part#PA1511)to the factory location on the motor and run under the frame along the Drivers side. (Finish installing later.)

*NOTE: If your E-Z-GO TXT has a 400 engine do not do this part of step until instructed to do so in later step 23A.





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STEP 16:

Lay the smooth aluminum floor over the middle frame extension. The notch in the floor goes toward the rear of the car. Use 4 provided push pins to re-attach rear of cars front Aluminum floor.

STEP 17:

Lay the middle floormat Part#6575 down on top of the floor. The rounded notch in the floormat goes up against the rear body of the car. Tuck the corners under the rear body.

Replace front floor mat at the front, tuck the new middle floormat under the factory front floormat.

Cut holes in your floormat, that lines up with the front drivers side holes in the aluminum floor. Hole is to run wiring and cables Trim Mat edges to fit Aluminum Floor..

*400 Engine will require a 2nd hole on passenger side to allow for Shifter Cable. Cutting an X slit in the mat, not a hole, will allow cable to pass through and be less noticeable!

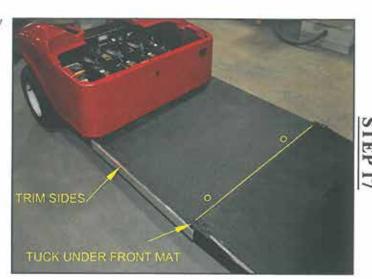
INSTALLING THE SIDE TRIM

STEP 18:

Place Front Side Trim (PART#7950) onto the car. Adjust the the trim so the 2 top holes line up with OEM side trim holes in the floor. Hold in place with ACG (Black) (4)- ¼" x 1½" Pan Head Bolts, (8)- ½" Flat washers, (4)- ½" Locknuts at Location #1.

(Do Not Secure at this time.)







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STEP 19:

Place Rear Side Trim section (PART#7951), onto the rear of car. Slide trim under bottom edge of body. Adjust rear section for best fit and Carefully Drill (4)- 1/8" Pilot holes into both rear side frames at Location #2 using trim as a guide. Secure Rear Section to car using: (4)- 1/4" x 11/4" (ACG)Pan Head Sheet Metal Screws, (4)- 1/4" Flat washers.



STEP 20:

Remove rear PPH Bolts from Front trim section. Place mid side trim section onto car lining up front hole of mid section with rear hole of front section, Replace the PPH Bolts and Locknuts into hole. Adjust rear of mid section on car for best fit. Drill (6)-1/8" Pilot holes using top trim holes as guide. Secure trim to car using: (6)-1/4" x 11/4" (ACG) Pan Head Sheet Metal Screws, (6)-1/4" Flat washers. at Location #3.



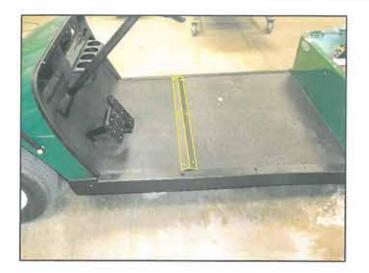
STEP 21:

Tighten All bolts & screws holding Side trim in place. In the front side of trim at (Location 4) drill (2) ½2" holes using trim as guide. Secure (Location 4) using (2)-¼"x1½" PPH bolts, (4)-¼" flat washers.(2)-¼" locknut.





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STEP 22:

Place the floor mat threshold #7992 over the seam between the front and rear floor mats. Center the threshold between the new side trim pieces. Using the holes in the threshold as a guide drill 6-1/8" pilot holes into flooring. Secure threshold to the floor Using: 6 - ACG 1/4"x11/4" PPH Sheet Metal Screws & 6-1/4" flat washers.



STEP 23:

Bolt together Mid POD. Secure the seat hat rack #7983 to each seat support post #7993 at Location "H" Using: 4 ½6"x1½" Truss Head Bolts (ACG) 4- ½6" Locknuts.



STEP 24:

Secure the seat back grab handle #7986 to each seatsupport post #7993. Place handle on the inside of the side support post. Attach through grab handle Angle and side post at Location "J" (Bottom hole Drivers side, Top hole Passengers side)

Using: 2 - ACG ¼"x1½" PPH bolts & 2 -¼" Locknuts. Ensure pan head is on front side of support post. Place new TXT seat back (Not provided) onto support posts and secure through remaining 2 holes at Location "K" Using: 2- ½" x2" Hex Head Bolts (ACG) & 2-½" Flat washers.



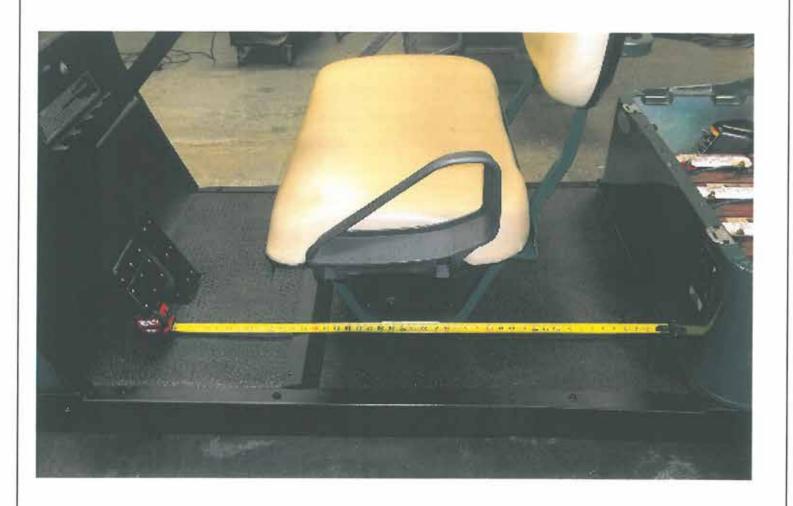
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STEP 25:

Place the Pod assembly onto the car at this time. Center the Pod on the cars floor and set the front of the Pods floor mount at 28" from the front edge of the rear body molding. Drill (4)- $1\frac{1}{32}$ " holes through the floormat, floor and sub floor frame using the holes in the Pods floor mounts as guides.

Attach Pod to the floor using <u>Grade 8 bolts</u> and using (2)- Sub Floor Supports (Part#7885) under the sub floor for additional strength. Secure at the locations drilled with following:

(4)- $\frac{1}{16}$ " x $\frac{1}{2}$ " hex head bolts, (8)- $\frac{1}{16}$ " flat washers, (4)- $\frac{1}{16}$ " locknuts, (2)- Sub Floor Supports (#7885).





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(*Note: E-Z-GO with 400 Engines See Step 26A)

STEP 26:

Run the Choke cable (PART#1512) Through the front face plate. Secure in place Using Original Fasteners. Attach the FNR selector assembly to the face plate mount angle with saved OEM bolts but do not tighten. Place FNR selector assembly onto face plate ensuring that selector cable mounting bracket is on Drivers side of face plate when attached to POD. This will place the front selector lever on the passenger side front of POD. Bolt through slots in face plate Using: 2-½"x1" PPH bolts (ACG), 4-½" Flat washers, 2-½" Locknuts. Adjust selector as needed and tighten all Mounting bolts. Run new FNR cable and FNR wiring up through the hole in drivers side flooring and attach in OEM Location on FNR selector assembly. Run choke cable down through floor alongside FNR cable and back to rear of car. Install the cable into OEM locations on engine. Adjust cables as needed to ensure proper operation. Re-Install FNR selector lever to front side of face plate.

2nd Location

_1st Location

(E-Z-GO with 400 Engines ONLY)

STEP 26A:

Locate the FNR cable bracket (PART#2528 in box kit) on the FNR selector assembly. Using holes in cable bracket drill 2-\%_32" holes in the selector assembly (See Picture). Secure bracket to selector assembly with 2-\%\u00e4"x \\\\\4"x \\\4" hex head bolts.

4-½" Flat washers, 2-½" Locknuts. Install modified FNR selector assembly to the POD face plate mount angle using OEM hardware saved earlier, but do not tighten. Place FNR selector assembly onto face plate ensuringthat the selector cable mounting bracket is pointing to passenger side of face plate when attached to POD. This will place front selector lever on the drivers side front of POD. Bolt through slots in face plate and mount angle using 2-½" x 1" PPH bolts (ACG), 2-½" Flat washers, 2-½" Locknuts. Adjust the selector assembly as needed and tighten all mounting bolts.Remove clevis end from new choke cable (PART#1513). Run choke cable through face plate, place cable bracket (PART#2527 in box kit) onto choke cable and secure in place with provided 14mm x x 2.0 hex nut. Run new FNR cable & wiring up through the hole in passenger floor and install to FNR selector assembly. Run choke cable down through floor alongside FNR cable and under center sub floor into the rear body. Re-install clevis removed earlier and secure to OEM bracket and locations using provided clevis pin and keeper.

*Note you may need to drill or file down the edges of Original Choke cable bracket slot to allow new choke cable installation Adjust cables for propper operation as needed.

2nd Location



1st Location



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STEP 27: Place the front pod cover (Part#7989), up against the front of the seat support side post (Part #7993). Drill (4)-1/8" holes into the tube of the seat support side post using the holes in the front pod cover as guides. Secure the cover to the pod with:

(4)-1/4" x 11/4" Pan Head Sheet Metal Screws,

(4)-1/4" flat washers.



STEP 28: Place the pod side covers (Part#7894), up against the outside of the seat support side post (Part #7993). Drill (5)- ½" holes into the tube of the seat support side post using the holes in the pod side covers as guides. Secure the side cover to the pod with: (10)- ½" x 1½" (ACG)Pan Head Sheet Metal Screws, (10)- ½" flatwashers.



STEP 29: Attaching a seat bottom to the Pod. If your seat bottom has the hip restraints already on the seat, remove the hip restraints. Set the seat bottom onto the middle pod frame. Place the hip restraints under the outside flatbars on the seat hat rack. Secure the hip restraints, flatbar and seat bottom together with the bolts for the hip restraints.

Older style TXT Use 8-1/4"x11/4" Hex Head Bolts (ss), 8-1/4" Flat Washers (ss).

Newer style TXT Use 8-10mmx40mmx1.5

Bolts (ss), 8-1/6" Flat Washers (ss).

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	INSTALLATION INSTRUCTIONS

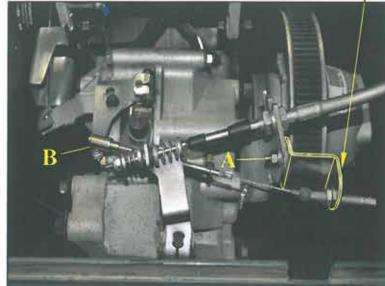
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- When installing the Acellarator Cable (PA1510) to the motor of the car. You will need to drill (1)-9/32" hole in the FNR bracket at (Location A). Secure the Z-Bracket (PART#2511) as shown at (Location A) using: (1)-1/4" x 3/4" Hex Head Bolt, (2)-1/4" Flatwashers, (1)-1/4" Locknut
- 2: You will need to drill out the Acellarator Bracket to a 1/4" hole at (Location B). Install the Ball Stud (#1010954) to (Location B).

#2511

- Install the Ball Stud Snap Attachment (#1012333) to the end of your Accellarator Cable (PA1510).
- Install Shifter Cable @ rear of car using OEM Brackets and Hardware.





STEP 31:

At the dash reinstall the Ignition switch, FNR, back up buzzer wiring. Reinstall switch panel using OEM push pins or (2)-¼"x1¾" Phillips Pan Head Sheet Metal Screws Black at (Location "O").

STEP 32:

Drill holes in seat hinges out to $\frac{1}{4}$ ", drill holes in frame where hinges attach out to $\frac{3}{6}$ ", Attach seat hinges through body into frame using (4) - $\frac{1}{4}$ "x1 $\frac{1}{4}$ " Pan head sheet metal screws at (Location "P"),

Reinstall the OEM rear seat bottom and rear seat back basket assembly to the car.

Or install your new M&M Rear Seat Kit or Box to the car.

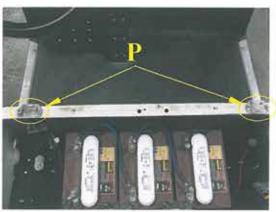
STEP 33:

Clean up all loose wires or cables hanging down.

Zip Tie them up close to frame away from moving parts.

Re Attach main power and ground cables to batteries. Place
Kick Trim strip along front of rear
body to cover holes left in body from Choke/FNR.





STEP 32

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REDHAWK

4-PASSENGER STRETCH BOLT-ON Part# RH080ETBOG

Gas - E-Z-GO - TXT

Bolt Kit

SS

- $4-\frac{5}{16}$ "x 1" hex head bolts -ss
- 2- $\frac{5}{16}$ "x $\frac{3}{4}$ " hex head bolts -ss
- 20- 5/16" flat washers -ss
 - 8- 1/6" locknuts -ss
 - 8-10mm x 40mm x 1.5 hex head bolts -ss
 - $8-\frac{1}{4}$ "x $\frac{1}{4}$ " hex head bolts -ss
 - $3-\frac{1}{4}$ " x $\frac{3}{4}$ " hex head bolts -ss
 - 9-1/4" x 11/4" pan head sheet metal screws -ss
- 16-1/4" flat washers -ss
- 3- 1/4" locknuts -ss
- 1- 14mm x 2.0 hex nut -ss

Grade 8

- 4- 5/16" x 3" hex head bolts -Grade 8
- $6-\frac{5}{16}$ " x $2\frac{1}{2}$ " hex head bolts -Grade 8
- $4-\frac{5}{16}$ " x $1\frac{1}{2}$ " hex head bolts -Grade 8
- 29- 16" flat washers -Grade 8
- 14-5/16" locknuts -Grade 8
 - 6-3/8" x 2" hex head bolts -Grade 8
 - 2- 3/8" x 1" hex head bolts -Grade 8
- 16-3/8" flat washers -Grade 8
 - 8-3/8" locknuts -Grade 8

ACG

- 2-1/4" x 2" hex head bolts -acg
- 8-1/4" x 11/2" pan head bolts -acg
- 32-1/4" x 11/4" pan head sheet metal screws -acg
 - 2-1/4" x 1" pan head bolts -acg
- 48-1/4" flat washers -acg
- 10-1/4" locknuts -acg
- $4-\frac{5}{16}$ " x $1\frac{3}{4}$ " truss head bolts -acg
- 4- 1/16" locknuts -acg
- 4- Push Pins



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REDHAWK

4-PASSENGER STRETCH BOLT-ON Part# RH080ETBOG

Gas - E-Z-GO - TXT

Box Kit

- 1- Bolt Kit
- 1- Instructions
- 1- Brake Rod (PART#6525)
- 1- Wireharness kit (PART#6552)
- 1- Floormat (PART#6575)
- 1- Accelerator Cable (PART#PA1510)
- 1- Choke Cable (PART#PA1512)
- 1- Shifter Cable (PART#PA1511)
- 1- Floor (PART#6576)
- 1- Mid Sub Floor (PART#6579)
- 2- Outer Sub Floor (PART#6574) (L&R)
- 2- Steel Frame Rails (PART#6570 & #6572))
- 2- Front Side Trim Section (PART#7950) (L&R)
- 2- Rear Side Trim Section (PART#7951) (L&R)
- 2- Mid Side Trim Section (PART#7952) (L&R)
- 2- Sub Floor Supports (PART#7885)
- 1- Kick Trim (PART#2530)
- 1- FNR Mount Angle (PART#7991)
- 1- Threshold (PART#7992)
- 2- Seat Support Posts (PART#7993)
- 1- Seat Hat Rack (PART#7983)
- 2- Side Covers (PART#7894)
- 1- Grab Handle (PART# 7986)
- 1- Front Panel (PART#7990)
- 1- FNR L Bracket (PART#2528)
- 1- Accelerator Z Bracket (PART#2511)
- 1- Choke Cable (PART#1513)
- 1- Choke Cable Bracket (PART#2527)
- 1- Brake Cable Clevis Pin with Keeper Pin (PART#1010829)

TITLE

- 1- Ball Stud (PART#1010954)
- 1- Ball Stud Slip Joint (1012333)



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