

## Paul Yaffe's Bagger Nation & Drag Specialties

### Rear End Makeover

Story by **Jason Mook** – Photos by **Jesse B. Nelson**

Not everybody wants a Big Wheel Bagger or a long stretched back end, some people want a 21" wheel up front and a set of mildly stretched bags with a matching fender. A stock 2003 Road King is our donor Bagger. Drag Specialties offers 2.71" stretched bags that are made to the same specifications as OEM, with provisions for dual exhaust out of the back of the bike. Bagger Nation makes a Chupa Rear Fender to fit the Drag Specialties bags that comes complete with Wedgy Taillights and lighted license plate frame. One of the great features of the Bagger Nation fender is the steel plate integrated into the fiberglass fender, which allows you to drill and tap a hole for the seat bolt. To see all of the products available from Paul Yaffe's Bagger Nation, visit [www.BaggerNation.com](http://www.BaggerNation.com). For the complete lineup of Drag Specialties' parts go to [www.DragSpecialties.com](http://www.DragSpecialties.com) or visit your local Drag Specialties Dealer.

**Difficulty Level:** 3/5      **Estimated Time to Complete:** 4.0 hours

#### PRODUCT



Bagger Nation Chupa Rear Fender with Black Wedgy Lights and Swoop Side Covers. Drag Specialties OEM Extended Saddlebags.

#### BEFORE



The 2003 Road King with stock rear end.

#### Tools & Supplies Needed

- SAE Socket Set
- 3/8" Ratchet With Extensions
- Phillips Screwdriver
- SAE Wrench Set
- Allen Wrenches
- Torx Drivers
- Side Cutters
- Wire Strippers
- Soldering Gun
- Solder
- Center Punch
- Drill With Assorted Bits
- Tap Set
- Drag Specialties Saddlebag Support Brackets, Part #3501-0603
- Drag Specialties License Plate Bar Eliminator, Part #2030-0559
- NAMZ Amp Multilock "OEM" Builder's Kit, Part #NAC-BKO
- NAMZ Universal U-Barrel Crimp Tool, Part #NDC-990170
- Shrink Tubing
- Thread Locker (Blue)
- Dielectric Grease
- Center Jack



1 Remove both saddlebags and seat. Disconnect the negative terminal of the battery.



2 The stock side covers are next to be removed.



3 With a 7/16" wrench, loosen the hex bolt holding the front saddlebag bracket.



4 Use an Allen wrench to remove the docking point behind the rear shock.



5 Lift the chrome cover off the fender strut of the frame.



6 With a T40 Torx and 1/2" wrench, remove the hardware holding the saddlebag support bracket to the rear fender bracket.



7 Use a T40 Torx to remove the hardware at the front of the saddlebag support bracket. The lower bolt requires a 9/16" wrench.



8 Remove the stock saddlebag supports from the motorcycle.



9 With a 1/2" socket, loosen the two bolts at the fender support brackets.



10 Remove both fender support brackets from the license plate bar.



11 Support the motorcycle's frame with a center jack. With a 3/4" wrench, remove the lower shock mounting bolts.



12 Unplug the rear wiring harness at the front of the rear fender.



13 Raise the frame of the motorcycle, with the rear wheel on the lift to access the bolt at the front of the rear fender. Remove the bolt with a T40 Torx.



14 The last two fender bolts to be removed are located near the rear most side cover gromets. Use a T40 Torx to remove. Maintain control of the fender while doing so.



15 Remove the rear fender from the motorcycle.



16 Use a 1/2" socket to remove the four bolts holding the license plate bar from the frame.





17 Remove the license plate bar by sliding it out from the rear of the motorcycle.



18 Use a 3/4" wrench to remove the fender mounting hardware from the stock fender.



19 With a Phillips screwdriver, remove the two screws holding the taillight lens to the fender. Unplug the harness from the taillight circuit board inside.



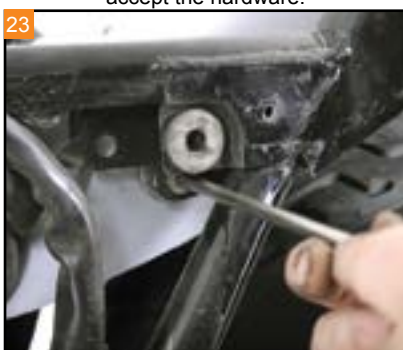
20 Install the fender mounting hardware onto the Chupa fender. The fender has pre-drilled square holes to accept the hardware.



21 Using the stock bolts and hardware that came in the kit, install the brackets from the license plate bar eliminator kit. Leave the bolts loose for now.



22 Bring the Bagger Nation fender into position between the fender struts of the frame.



23 Start the front fender mounting bolts, but do not tighten at this time.



24 Reinstall the fender support brackets on each side of the rear fender. Leave the hardware loose.



25 Position the Drag Specialties' Saddlebag support brackets. Start the front bolt and nut with a T40 Torx and a 9/16" wrench.



26 Install the four bolts and nuts that hold the rear fender bracket, saddlebag support brackets, and rear fender supports together.



27 With all the hardware installed, tighten the bolts at the front of the saddlebag support bracket.



28 Use a T40 Torx and 1/2" wrench to tighten the bolts at the rear of the saddlebag support.



29 Final tighten all fender mounting hardware, including the hardware for the license plate eliminator. Be sure to use thread locker on all hardware.



30 Reinstall the chrome covers over the fender struts of the frame. The piece may need to be trimmed to fit properly.



31 Start the front saddlebag bail pin brackets, leaving the bolt loose for now.



32 Lower the frame with the center jack. Reinstall the lower shock mounting bolts. Using blue thread locker, final torque to 35-40 foot/lbs.



33 Remove the saddlebag support cushions from the channel at the bottom of the stock saddlebags.



34 Gently pry the rubber grommets for the bail pins out of the stock saddlebags.



35 Use a T15 Torx to remove the eight screws per saddlebag holding the brackets.



36 Remove the two screws holding the tether strap to the latch. With the tether removed, loosen the two remaining bolts holding the latch and lid to the saddlebag.



37 Remove the lid from the saddlebag. Repeat the process for the second saddlebag.



38 Install the cushions into the channel of the Drag Specialties Extended Saddlebags. A small amount of lubricant will help seating the tip in the hole. Also install the bail pin grommets.



39 Use the bail pins to secure the saddlebags to the brackets. Start with the rear bail pin first. After the front bail pin is installed, tighten the bolt for the bracket.



40 With a T40 Torx, use the stock hardware to install the mounting brackets on the new saddlebags.





41 Bring the lid into position. Start all four bolts that mount the latch to the saddlebag. Final tighten the two inside bolts, then remove the two outer bolts in order to attach the tether strap.



42 Bring the tether strap into position. Reinstall the two outer bolts with a T15 Torx.



43 Start the included studs into the back of the Wedgy Light Housings.



44 Install the grommets for the wiring into the larger hole in the light pocket of the filler panels.



45 Position the left Wedgy Light into the pockets of the filler panels. The lights are left and right specific.



46 Hold the stud in place while tightening the lock nut on the backside with a 5/16" wrench.



47 Repeat the process for the right Wedgy Light.



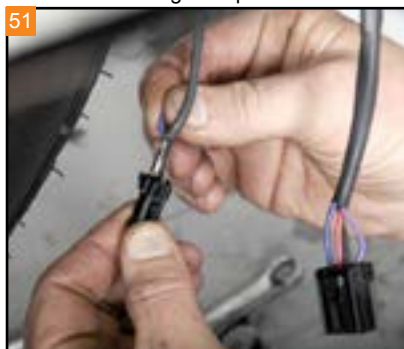
48 Remove the license plate from the stock bar. Trim to fit the Bagger Nation lighted license plate frame. Install the license plate and frame in the pocket of the fender. Feed the wires through the pre-drilled hole.



49 Install the hardware for the license plate frame from the inside of the fender.



50 Extend the wires from the right side Wedgy Light. Ensure all the solder joints are covered with shrink wrap individually, then all the wires together.



51 Using the pins and connectors from the NAMZ kit, create a harness for each Wedgy Light and the license plate frame. Plug the harness into the motorcycle wiring harness.



52 Ensure the wires are zip tied away from any moving parts. Install the Swoop Side Covers in the stock location.



Reinstall the saddlebags.



Bring the seat into position. Be sure the tab at the front of the seat engages in the slot in the frame.



Mark the location of the hole for the seat bolt with a center punch.



Remove the seat. Drill a hole at the mark with a 13/64" drill bit.



Create threads in the hole with a 1/4"x20 tap.



Reinstall the seat on the motorcycle. Secure the seat with a 1/4" seat bolt.

### PAUL YAFFE'S BAGGER NATION

Chupa Fender, fits 1993-2008 Touring Models, Dual Outlet, Black Wedgy Lights and Lighted License Plate.

(Part # PYO:CRF-DO-08-WL-B)

Swoop Side Covers – Smooth – 1997 – 2008 – Stretched.

(Part # PYO:SSC-SM-08-ST)

602.840.4205

www.BaggerNation.com

### DRAG SPECIALTIES

2.71" Extended 93-13 OEM Style Saddlebag, Left.

(Part # 3501-0833)

2.71" Extended 93-13 OEM Style Saddlebag, Right.

(Part # 3501-0832)

See Your Local Dealer.

www.DragSpecialties.com

### BLACK HILLS CYCLES

- Work Performed By -

605.717.5009

www.BlackHillsCycles.com

AFTER



The 2003 Road King with Bagger Nation Chupa Fender, Swoop Side Covers, and Drag Specialties Extended Bags installed.