2009 Buell1125R Front & Rear Wheel Removal - Faceyman (http://www.faceyman.com)

Rear Wheel Removal (Note: threads are reverse threads)

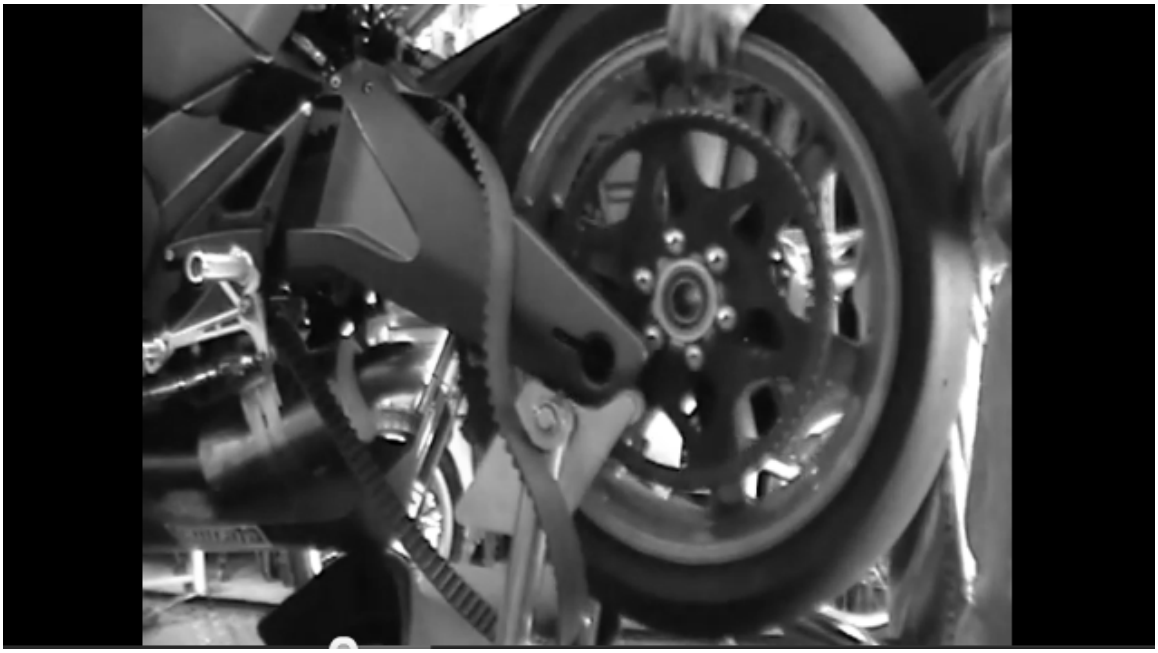
1) Loosen/ remove pinch bolt - bottom of left swingarm

2) Support bike off of rear wheel
3) Support rear wheel with block of wood (if required)
4) Loosen left handed rear axle (reverse threads)

5) Roll rear wheel slightly and remove belt.

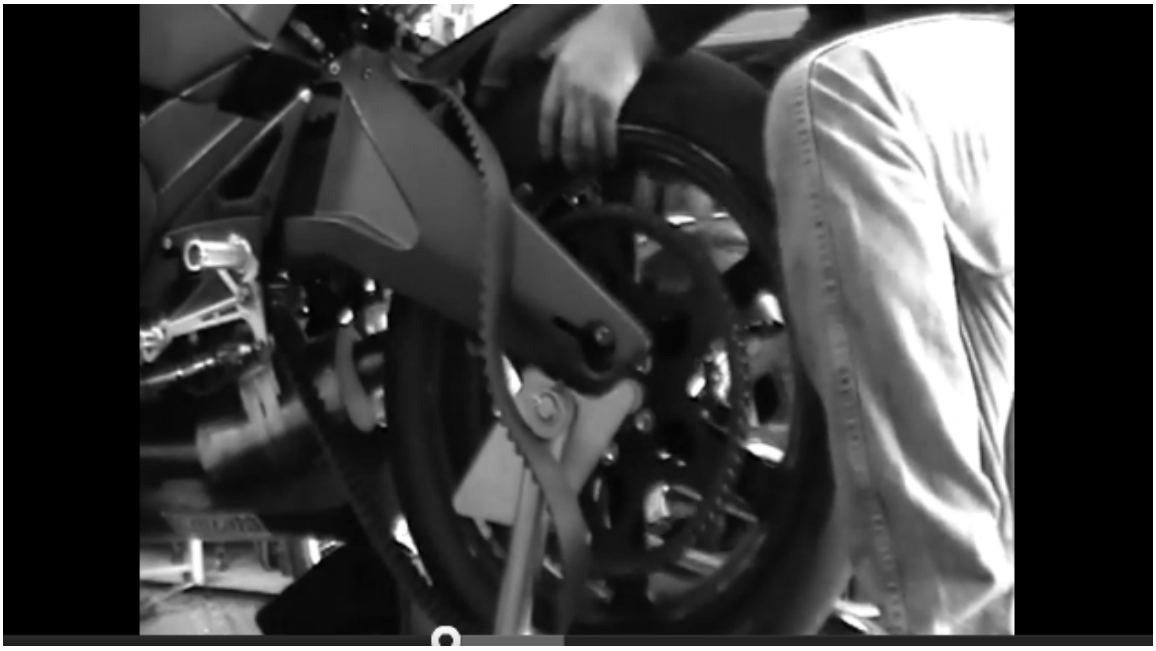
6) Remove axle.

7) Lift and remove wheel from rear brake caliper and swing arm (Note: I have a Jardine fender eliminator and I removed plastic fender prior to rear wheel removal)



Rear Wheel Installation – HD recommends using anti-seize on axle during installation

1) Lift wheel so that rotor is between brake pads and caliper, wheel may need to be supported with block of wood or bike lowered to the ground



2) Insert rear axle

3) During reassembly put belt in place before tightening/torquing axle, axle taper will allow belt to auto adjust.

4) Torque rear axle to 27lbs/ft and then loosen back two full turns, this allows rear wheel bearings to seat properly. Also, spin wheel to ensure belt has seated properly

5) Tighten rear axle fully and torque to 48-52 lbs/ft

6) Install pinch bolt and torque to 40-42 lbs/ft

8) Inspect work and check rear wheel

Front Wheel Removal (Note: threads are reverse threads)

1) Lift the bike, front wheel needs to be elevated
2) Line spokes up with lines on back of brake caliper (there are notches & this avoids scratching wheels)
3) Remove caliper bolts (2)

4) Loosen two axle pinch bolts on left front fork

5) Remove axle. Note: reverse threads

6) Slide wheel back and carefully remove caliper from rotor. Note: caliper moves towards front fork, remove carefully to avoid scratching wheel. Also, do not allow caliper to hang freely from brake line as this may cause damage

7) Remove wheel

Front Wheel Installation - HD recommends using anti-seize on axle during installation

1) Insert axle, do not tighten

2) Install front brake caliper and torque bolts to 35-37ft/lbs

3) Torque front axle to 23 - 27 ft-lbs back off two turns, this allows wheel bearings to seat properly. Torque front axle to 39-41 ft/lbs

4) Install pinch bolts and torque to 20-22 ft/lbs

Other
Front Wheel Torque values:
Front axle 39 - 41 ft-lbs
Caliper bolts 35 - 37
Axle pinch bolts 20 - 22

Fender bolts 72 - 82.5 in-lbs
P clamp 36 - 60
Rear wheel
Axle tighten to 23 - 27 ft-lbs back off two turns then tighten to 48 - 52
Pinch bolt 40-45
Caliper bolts 23.5 - 26
p clamp 18 – 20

Credits
Screen images Jdugger's videos:
Buell 1125R Rear Wheel Swap - http://www.youtube.com/watch?v=iHlMzeY6ybA
Buell 1125R Front Wheel Swap - http://www.youtube.com/watch?v=Qa0QO6J3tyI
Bad Weather Bikers 1125R/CR Super Bike Board -
http://www.badweatherbikers.com/buell/messages/290431/290431.html
Jase at Hellcat Customs - http://hellcat-customs.com/

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