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## **VTP10033 CLUTCH BASKET INSTALLATION GUIDE**

Thank you for purchasing our clutch basket. Thoroughly read the instruction guide prior to performing any work. If you have any questions, please feel free to give us a call or send us an email at [info@vtwinpowersports.com](mailto:info@vtwinpowersports.com). This should be performed by an experienced HD technician.

1. Remove primary cover as per factory HD manual.
2. Remove the 3 bolts retaining the pressure plate.  
*Note: be sure to remove them evenly, rotate from 1 bolt to the next, 2 revolutions at a time.*
3. Remove tension from the primary chain adjuster, tie it down in the collapsed position until re-assembly.
4. Remove spring retainer plate, 3 springs, pressure plate, clutch friction & steel plates, lay them out in order so they can be installed in the same orientation as they were removed.
5. Remove clutch hub assembly & compensator assembly from vehicle as per HD service manual. Note main shaft is reverse, left-hand threads.
6. Refer to the back of the clutch hub & remove the bearing retaining clip. Snap ring pliers will be necessary.
7. Press center hub from outer basket bearing. A hydraulic or large arbor press will be necessary.
8. Remove outer retaining clip & press bearing out of stock clutch basket.
9. Working from the back side of the stock basket, drill off the heads of 6 rivets with a 3/8 drill bit.
10. Remove starter ring gear for OEM clutch basket.
11. You may have to run the drill bit through the ring gear bolt holes prior to installing it on the VTP Billet Basket.
12. Using the 6 hex head bolts & 3 lock plates, install OEM starter ring gear onto the VTP billet basket. Torque fasteners to 35 ft. lbs. with **RED** Loctite applied to bolt threads.
13. Fold over lock tab onto flat of the bolt heads.
14. Press bearing into VTP Billet clutch basket & install retaining clip.
15. Press center clutch hub into VTP basket bearing & install retaining clip.
16. Install clutch basket assembly onto main shaft & torque to factory HD specs.
17. Re-install all clutch plates in reverse of how you took them out.
18. Assemble pressure plate as per factory manual. *Note: Tighten fasteners 2 (two) rotations at a time until secured & torqued to factory specifications.*
19. Reassemble primary cover & add oil as per HD service manual.
20. Check your clutch adjustment & test ride. *Note: Hydraulic clutch applications will not have an adjustable pressure plate or cable.*

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