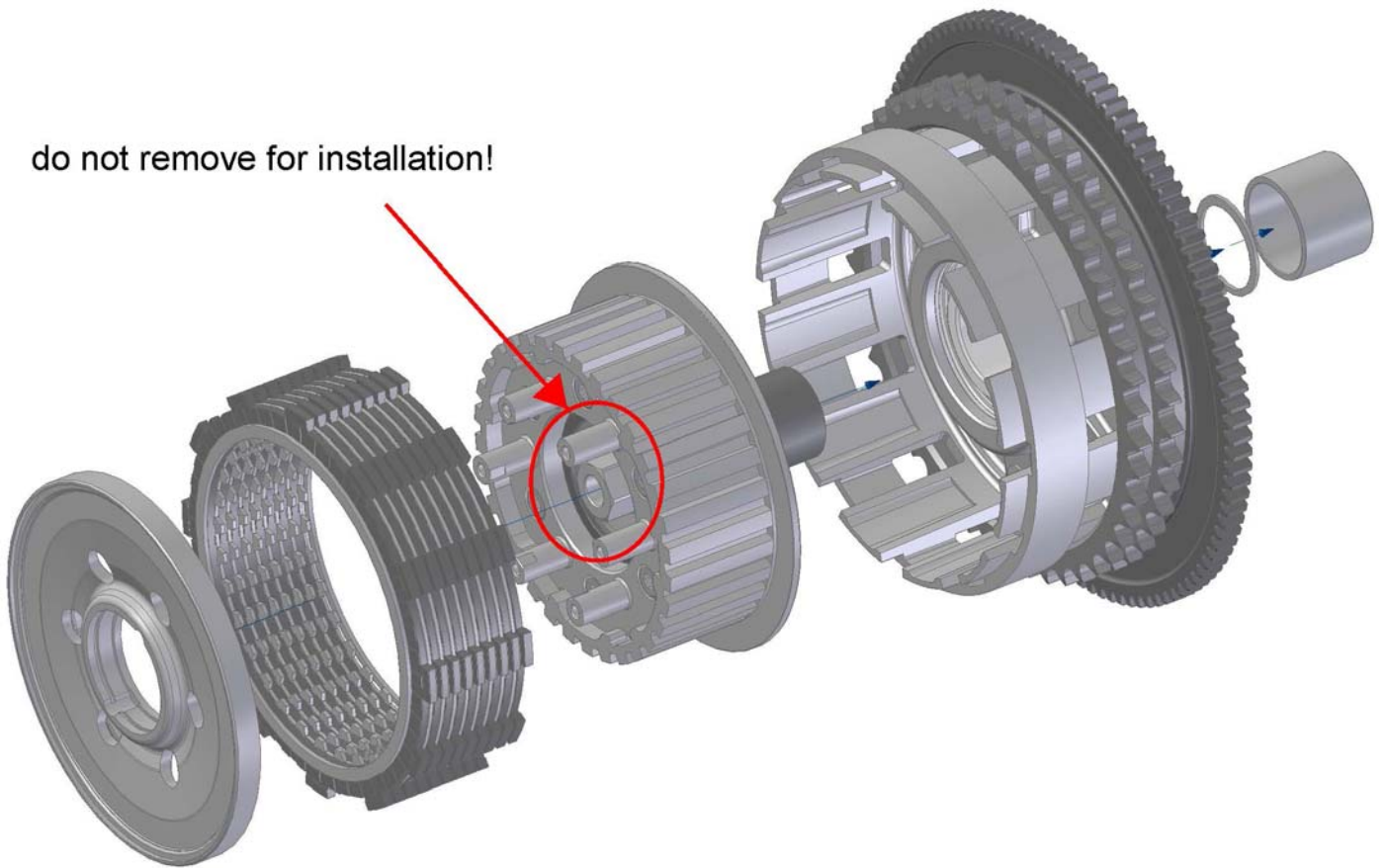


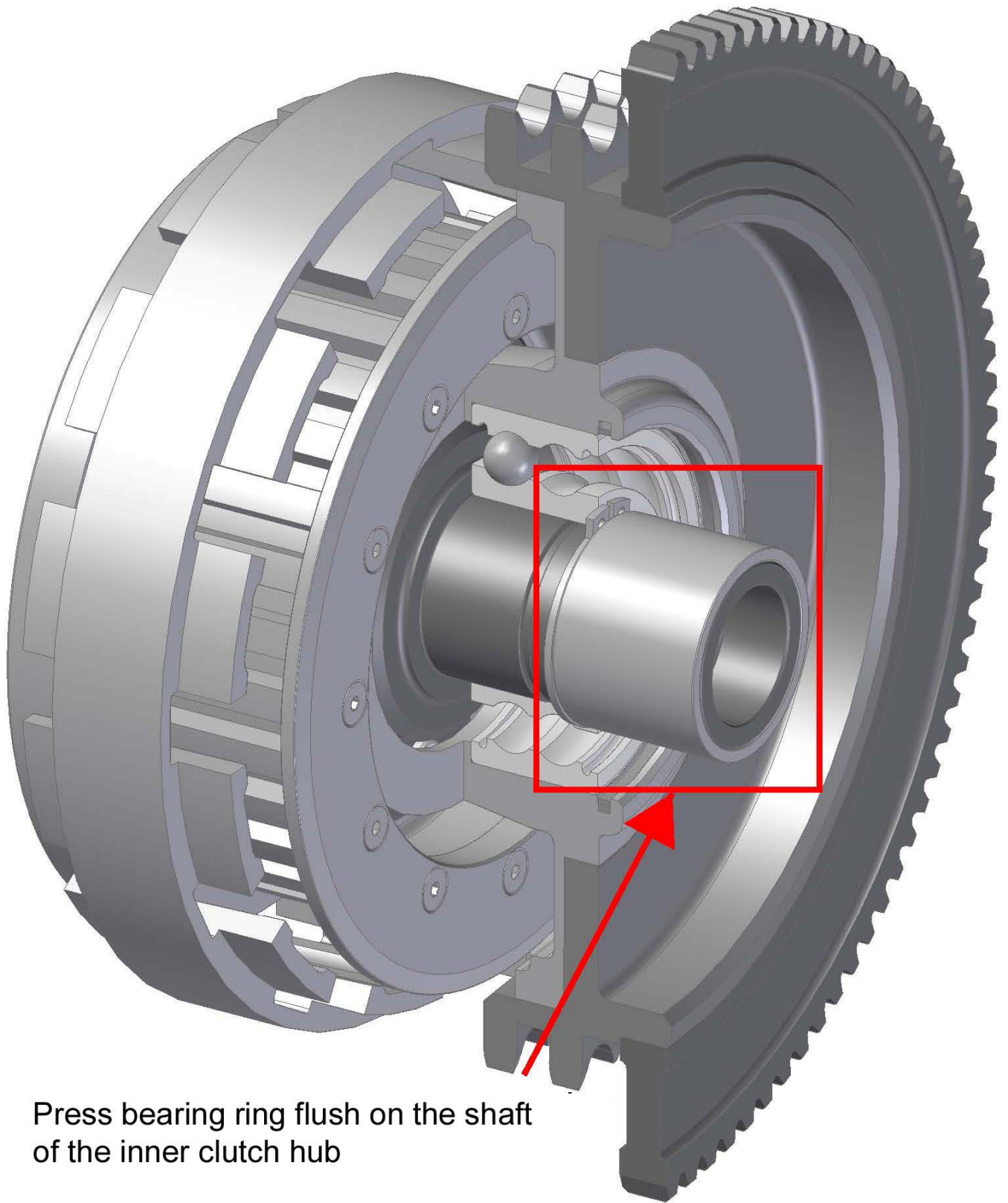
EUROCOMPONENTS

Wide tire swingarm conversion kit for Softails

Assembly should be performed by an authorized motorcycle technician

IMPORTANT: do not disassemble the supplied clutch. It is pre-assembled and ready for installation.

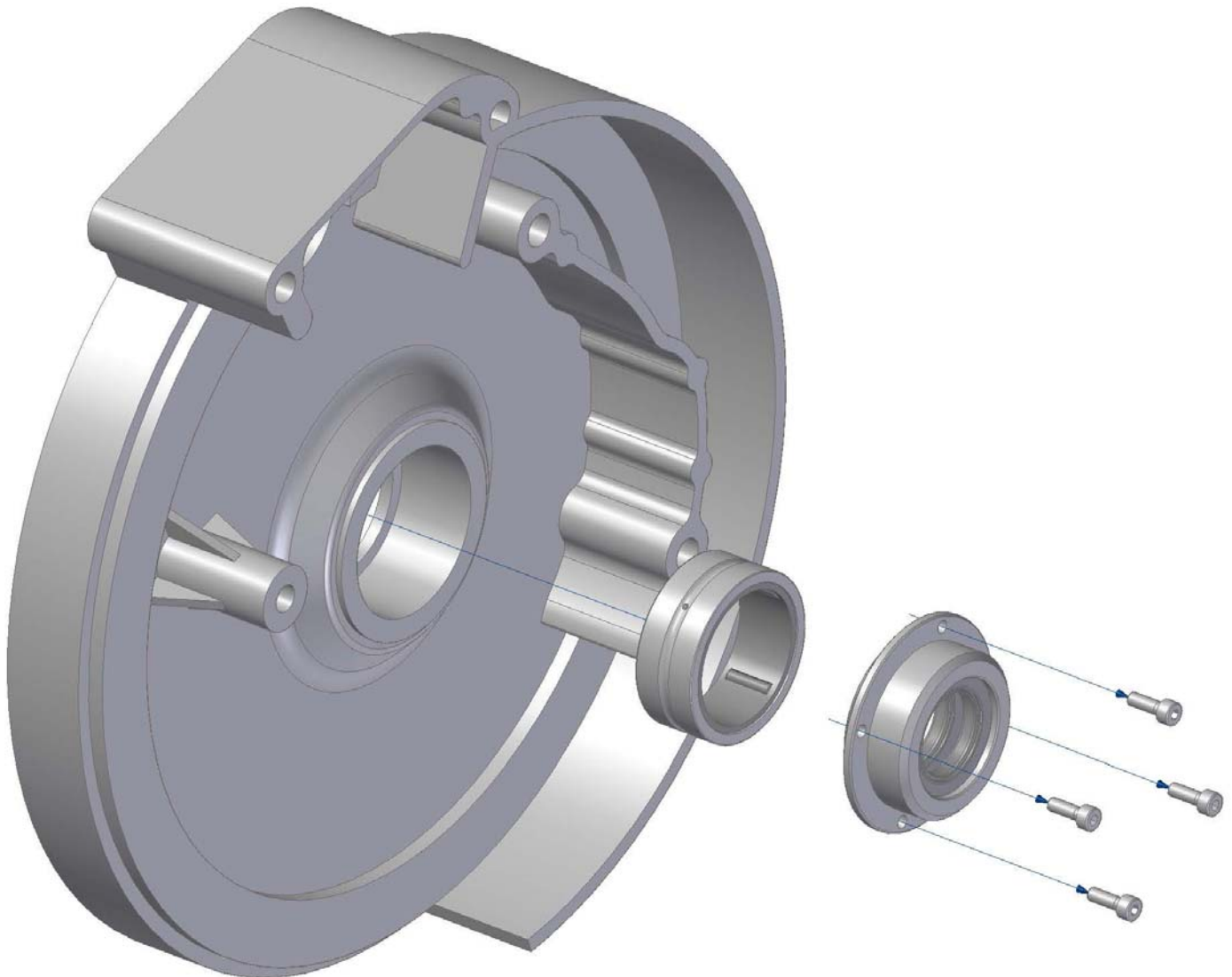




Press bearing ring flush on the shaft
of the inner clutch hub

Preparing the inner primary case:

1. remove OEM support bearing
2. put our seal housing into primary and mount 4 M4 threaded bolts in the inner primary (**IMPORTANT:** make sure primary lubricating hole offsets 45° to the M4 tap holes)
3. press-fit new support bearing
4. mount new seal housing
5. lubricate with grease all seals and bearing



The torque values on bolts and nuts are the same of those on the original parts (see factory service manual). On other bolts and nuts always use blue loctite. The tension of the belt has to be identical to the one on a stock bike (see factory service manual).



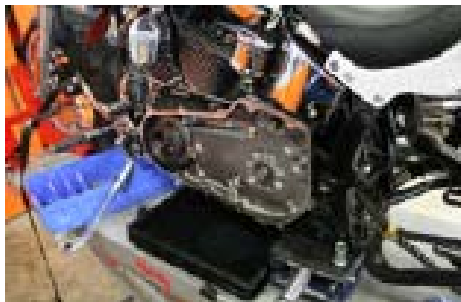
Disconnect and remove battery.



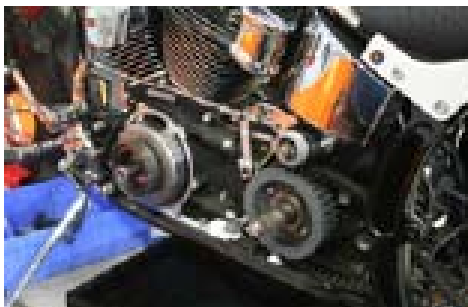
Drain primary oil and remove primary cover.



Remove primary chain tensioner.



Disconnect the clutch hub.
Dismantle primary strand with clutch basket.



Remove starter screws.
Disassemble inner primary and then the electric starter. Oil tank should not be removed.



Step 1

- Remove starter
- Remove the cover
- Unsolder connection cable for the start - jack plug and remove carefully



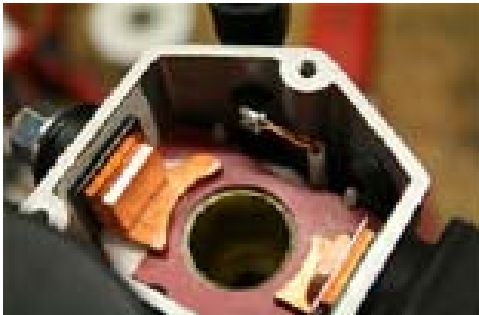
Step 2

- Drill hole for start jack on the adjacent housing side
- IMPORTANT: consider cable length when setting the bore or cable; if necessary extend it. See picture at step 4.
- Bore diameter 9.5 mm; measure distance to the housing as with original prepared holes



Step 3

- Assemble and glue start jack in the new hole



Step 4

- Solder connection cable for start jack



Step 5

- Close original hole for start jack plugged



Step 6

- Install housing cover
- Make sure starter functions properly



Mount belt pulley (see HD manual for torque specs)



Preparing the inner primary case:

- remove OEM support bearing
- put our seal housing into primary and mount 4 M4 threaded bolts in the inner primary (**IMPORTANT**: make sure primary lubricating hole offsets 45° to the M4 tap holes)
- press-fit new support bearing
- mount new seal housing
- lubricate with grease all seals and bearing



Picture showing primary spacer / starter spacer and belt pulley offset sockets with 20 mm longer screws installed.



Install the inner primary case.



Disassemble OEM clutch basket and clutch hub.



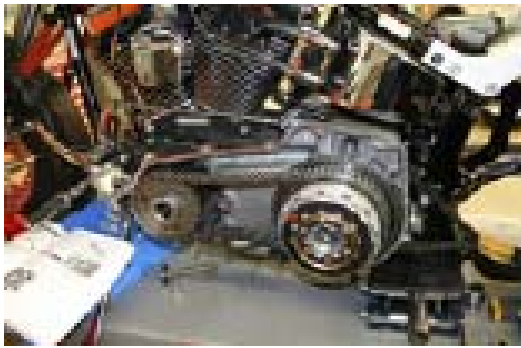
New clutch hub pressing and upgrade.
(See HD service manual).



Bearing ring on clutch hub.



With 20mm offset kit bearing ring with fitting
mandrel press parallel to the clutch hub shaft.

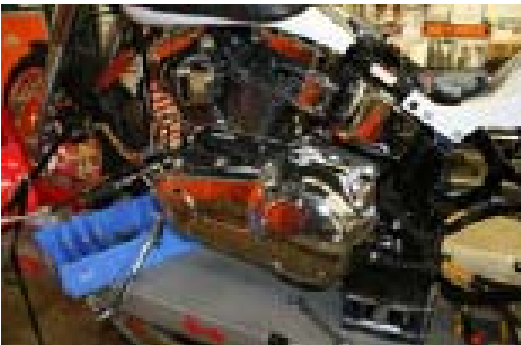


Mount new sprocket shaft, fix new cush spacer, primary strand (with clutch basket) and put everything on torque (please note that shock absorber spacer is not used diagonally).

(See HD service manual for torque values).



Insert the new clutch pushrod (previously the OEM pushrod was removed).



Mount primary cover with gasket.

Perform basic clutch setting.

Fill primary with oil.

(See HD service manual).



Press in swingarm bearing from outside to inside.



Press in swingarm pivot tube.
Use the supplied internal snap ring .



Drill for stop plate (optional).



3 bushings are supplied with the kit.



Install big stainless steel bushing leftward from the
inside.



Install medium stainless steel bushing on the left side.



Install small stainless steel bushing from the outside inwards through the frame.



Install on the right side of the original bearing bushing.



Install spacer bushing on the right side only.



Install axle from right to left.



Install axle nut.

Torque value: between 122 and 149.1 Nm

The torque values on bolts and nuts are the same of those on the original parts (see factory service manual). On other bolts and nuts always use blue loctite. The tension of the belt has to be identical to the one on a stock bike (see factory service manual).

Exploded view of swingarm

