

Oil Change

Going thru the steps of the oil change. You can use any oil and filter of your choice you feel comfortable with just be sure it doesn't contain any friction modifiers as the engine and clutches share the same oil. The original oil specs for the Valkyrie are obsolete now along with the next few specs that came along. Oil has come a long way in 20 years.



(left) Got her up on the lift just finished the final drive maintenance.

(right) Changing the oil for me is tough cause I have to stack stuff up to get my drain pan high enough so the oil don't splash when it falls.



(left) Locate drain plug

(right) Remove the plug with a 17mm socket. Be sure you have a drain pan under it before you take it out. Something big enough to hold a gallon of oil.



(left) Once your pan is under it, pull the plug and let r rip. Pretty dirty oil for just having the bike serviced?



(right) Locate the oil filter on the front of the motor.



(left) Loosen the filter with an oil filter wrench



(right) With drain pan to under the filter and take it off.



(left) Check the housing to be sure the rubber gasket didn't get stuck and stay on the housing.

(right) I forgot to get Miss Cindy an oil filter, gonna have to give up one of my pretty chrome ones.



(left) Don't forget to take the wrapper off before you install it.

(right) I take a little clean oil and wipe it around the rubber o ring to keep it from sticking when installing it.



(left)

I tighten it hand tight then give it another 1/4 turn with a wrench. Ain't that cool, a 17 mm wrench same size as the oil plug fits on the end of the filter when it comes time to remove it? Believe me you pay big bucks for that little option, especially in the chrome 😂

(right) Take a look at the drain plug especially at the washer to make sure it's not damaged. Replace it if it is. That little under a dollar washer will save you a motor or at the least a good ribbing about riding a Harley the way it's leaking oil.



(left) Install the drain plug back in, only takes like a 1/4 grunt torque. Go easy.

(right) Locate the oil fill plug on the right side of the motor.



Get a clean funnel that will fit in the hole. The specs call for 3.8 quarts I've always just poured the full 4 quarts or 1 gallon jug in.
I'm using the Rotella T6 synthetic motor oil. No friction modifiers that will harm the clutches. I've heard tales of this Rotella adding like 20 more HP? 🤔😏 Just kidding, not really, but it is a good oil to use. Everyone has their favorite.



(left) I pour the whole gallon in



(right) Replace the oil fill plug

Start the motor to let it run thru the filter and circulate looking for leaks, and have a look at those timing belts you may have just installed.

So many times I've heard the question asked, " When you check the oil, do you screw the dipstick in or not"?

Well anybody should know if you ride a Valkyrie you shouldn't ever have to check the oil, it's not a Harley, it don't leak or puke oil. 🤔😏

Alright let's see which is the proper way to check the oil. I think this video is screwing the dipstick in all the way?

PROPER WAY IS TO NOT SCREW IN ALL THE WAY WHEN CHECKING OIL>