



Kubota L Series Maintenance Tools & Supplies List

YouTube Channel: <https://www.youtube.com/c/DIYMyWay>

Website: <https://diymyway.net/>

Note this document is for the DIY My Way Kubota L Series Maintenance Videos. [Click here to View the Maintenance Videos Playlist.](#)

No.	Description	Tools Required	Supplies	Notes
1	Engine Start System	None	None	Check every 50 hours.
2	Wheel Bolt Torque	Torque Wrench (Up to 160 ft-lbs.), 12" Socket Extension, 22 mm Socket, 24 mm Socket	None	Check every 50 hours.
3	Greasing	Grease Gun, Paper Towel or Rag	High-quality Multipurpose Grease NLGI-2 or NLGI-1	Grease every 50 hours. I like Lucas Red N Tacky NLGI-2. The red color helps me tell new grease from old blackened grease.
4	Check Battery	Flashlight	None	Check every 100 hours.
5	Check Fan Belt	12 mm Wrench 14 mm Wrench	None	Check every 100 hours. You might want to use a tool like a long screw driver or pry bar to pull on the alternator and tension the belt.
6	Adjust Brake	17 mm Wrench Adjustable Pliers	None	Check every 100 hours.
7	Adjust Clutch	17 mm Wrench Adjustable Pliers	None	Check after the first 50 hours and then every 100 hours.
8	Clean Air Cleaner Element	Air Compressor Blow Gun	None	Clean every 50 hours. Replace every year.
9	Fuel Line	None	None	Check every 100 hours. Replace every 2 years.
10	Fuel Grommet	Telescoping Inspection, Mirror, Flashlight	None	Check every 100 hours. Replace every 2 years.
11	Replace Transmission Oil Filter	Oil Filter Wrench Oil Pan	Transmission Oil Filter (Kubota Part # HHK70-14070)	Replace after the first 50 hours and then every 200 hours. This is the filter specified for my 2017 L3901 HST and at least going back to 2013, but check with your dealer to be sure!
12	Check Toe-In	27 mm Wrench	None	Check every 200 hours.
13	Check Power Steering Oil Line (Manual)	None	None	Check every 200 hours. Replace every 2 years.
14	Check Oil Cooler Line (HST Transmission)	None	None	Check every 200 hours. Replace every 2 years.
15	Check Radiator Hose and Clamp	None	None	Check every 200 hours. Replace every 2 years.
16	Check Intake Air Line	None	None	Check every 200 hours. Replace every 2 years.
17	Check Oil Separator Hose	None	None	Check every 200 hours. Replace every 2 years.
18	Change Engine Oil	12 mm Wrench 19 mm Wrench Oil Pan Funnel	7.1 Qts of Diesel Engine Oil	Change after the first 50 hours and then every 400 hours. Refer to your manual for the proper SAE type based on your climate. I use Shell Rotella T-5 synthetic blend SAE15W-40.
19	Replace Engine Oil Filter	Oil Filter Wrench Oil Pan	Engine Oil Filter (Kubota Part # HH164-32430)	Replace after the first 50 hours and then every 400 hours. This is the filter specified for my 2017 L3901 HST and at least going back to 2013, but check with your dealer to be sure!
20	Clean Water Separator	Adjustable Pliers	Kerosene	Clean every 400 hours.
21	Replace Fuel Filter	Oil Filter Wrench Oil Pan	Engine Fuel Filter (Kubota Part # 1J800-43170)	Replace every 400 hours. This is the filter specified for my 2017 L3901 HST and at least going back to 2013, but check with your dealer to be sure!
22	Replace Hydraulic Oil Filter	Oil Filter Wrench Oil Pan	Hydraulic Oil Filter (Kubota Part # HH3A0-82623)	Replace every 400 hours. This is the filter specified for my 2017 L3901 HST and at least going back to 2013, but check with your dealer to be sure!
23	Change Transmission Fluid	14 mm Wrench 22 mm Wrench Oil Pan Funnel	Kubota Super UDT-2 Hydraulic Fluid Manual 2WD: 7.4 Gallons Manual 4WD: 7.5 Gallons HST 4WD: 6.2 Gallons	Change every 400 hours.
24	Change Front Axle Case Oil (4WD)	14 mm Wrench 27 mm Wrench Oil Pan & Funnel	Kubota Super UDT-2 Hydraulic Fluid or SAE80 - SAE90 Gear Oil 4.8 Quarts	Change every 400 hours.
25	Greasing Front Wheel Hub (2WD)		Bearing Grease	Change every 400 hours.