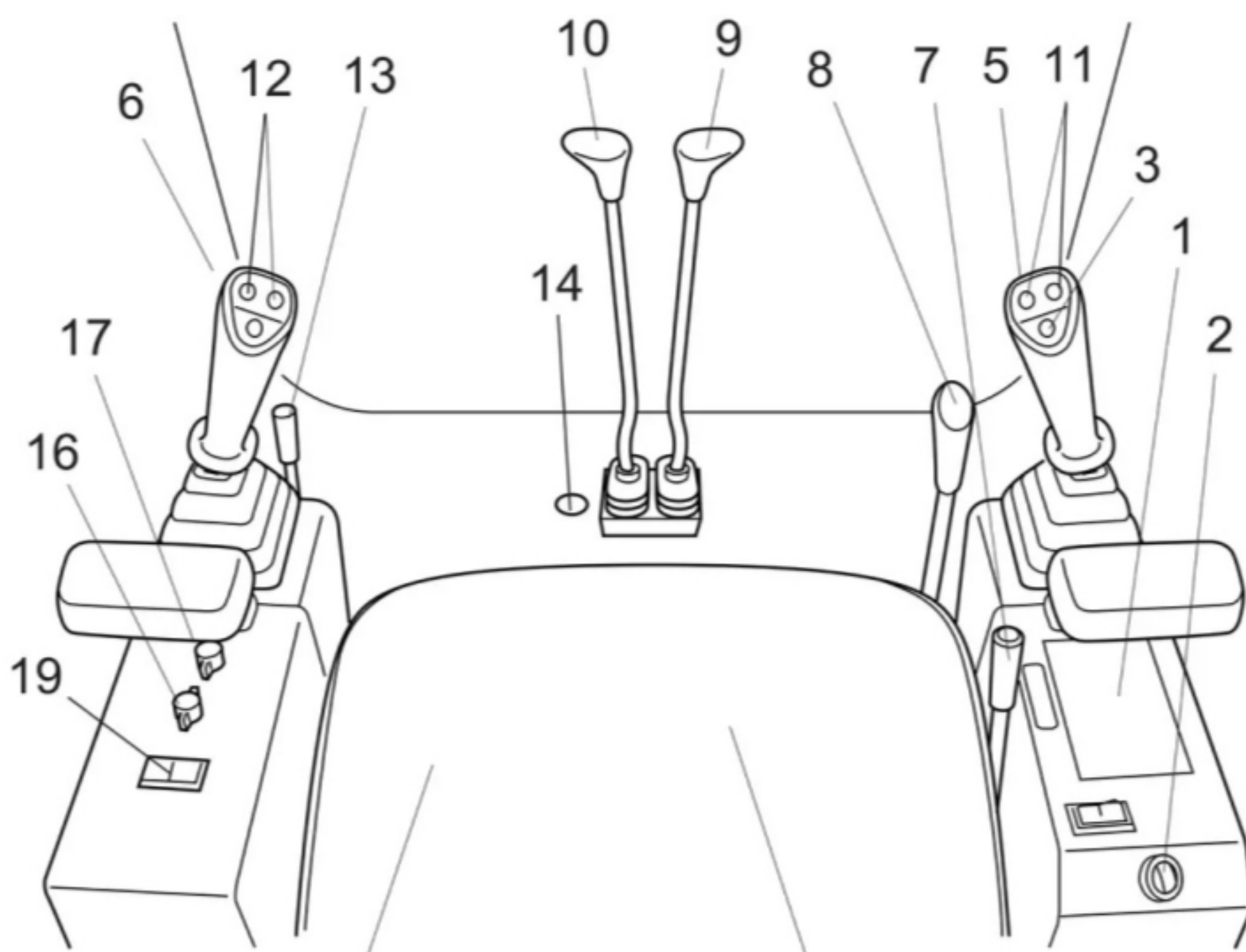
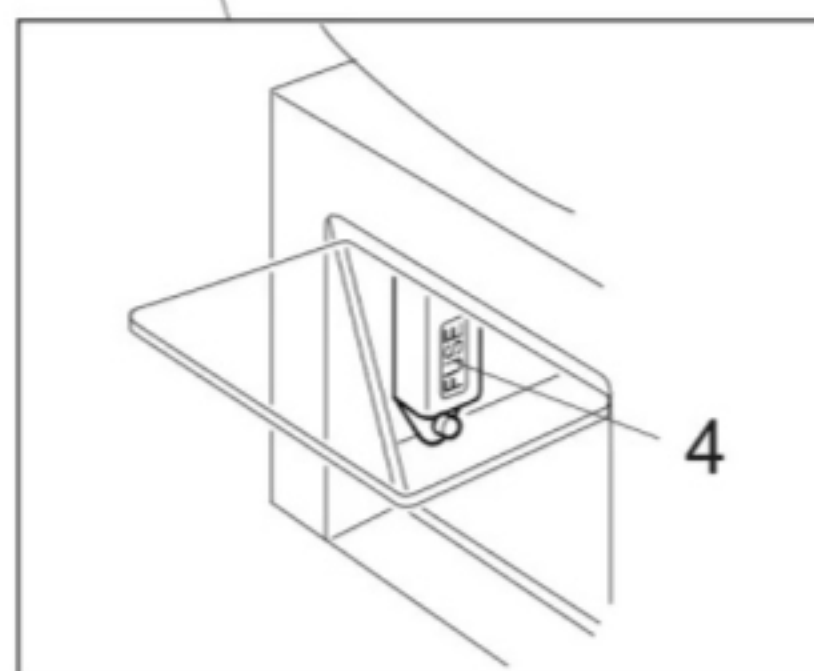
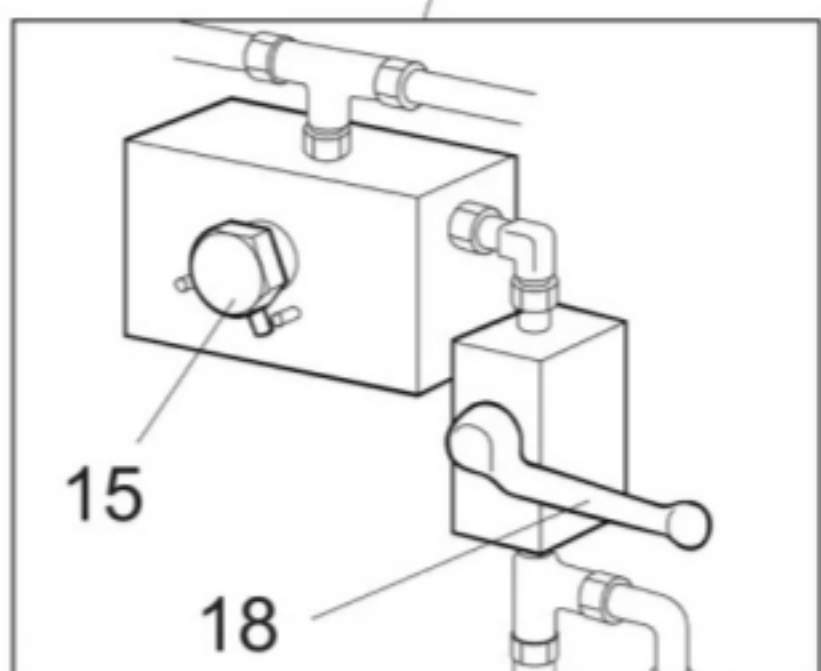


1. Boom
2. Boom cylinder
3. Arm cylinder
4. Arm
5. Bucket cylinder
6. Bucket links
7. Dump link
8. Bucket
9. Swing frame
10. Engine cover
11. Fuel tank
12. Hydraulic tank
13. Roof
14. Counter weight
15. Operator's seat
16. Crawler
17. Dozer blade
18. Dozer cylinder
19. Travel motor
20. Track roller
21. Front idler
22. Grease cylinder
23. Swing post
24. Swing cylinder
25. Operation levers
26. Extend cylinder



1. Meter unit
2. Starter switch
3. Horn switch
4. Fuse box
5. Right operation lever
6. Left operation lever
7. Accelerator lever
8. Dozer operation lever
9. Right travelling lever
10. Left travelling lever
11. Swing operation switch
12. P.T.O. operation switch
13. Safety lock lever
14. Swing lock pin
15. P.T.O. select lever
16. Heater switch (for cabin)
17. Wiper switch (for cabin)
18. Manual boom lowering lever
19. Extend switch



Mini Excavator Hour Intervals Maintenance Schedule



As Required

Clean the machine.

Do a visual inspection for damages or wear on the machine, tracks, and attachments.

Adjust track tension (sag).

Inspect/Replace sprockets.

[Check/Replace tracks.](#)

Check and adjust the air conditioner belt—if equipped.

Drain/Clean water and sediment from the fuel tank.

Check/Change bucket teeth or cutting edges.

Check and tighten all bolts and nuts, particularly undercarriage and attachments.

Check any unauthorized welding that might lead to a loss of warranty.

Check/Clean/Replace the cab fresh air filter—if equipped.

Check/Clean/Replace the cab recirculation air filter—if equipped.

Clean/Replace engine air filter primary and secondary elements.

Lubricate the front windscreen rail.

Check electrical connections and wiring.

Adjust the blade frame.

Inspect/Replace window wiper.

Check the windshield washer fluid level.



Do you already need a new set of tracks or tires?

[Check our website's track and tire sections](#) to find the right set for your construction machine. We got you covered.

8-10 Hour Service Interval

[Check and drain the water separator fuel filter.](#)

Check the coolant level.

Check engine oil level.

Check hydraulic oil level.

Check fuel level.

Check for the correct operation of all indicators and lights.

Check the battery connections, cables, and electrolyte levels.

Check the condition of ROPS mounting hardware.

Check and clean the engine air cleaner dust unloader valve.

Check/Lubricate pivot points.

Check seat belt condition.

Initial 50 Hour Service Interval

Check/Change the fuel filter.

Check/Adjust fan belt tension.

Check/Replace the control console lockout.

Lubricate the swing bearing and gear.

Lubricate the bucket cylinder and link pins.

Lubricate boom cylinders and pins.

Lubricate arm cylinders and pins.

Lubricate link coupling.

Change engine oil and filter.

100 Hour Service Interval

Lubricate the swing bearing and gear.

Lubricate the bucket cylinder and link pins.

Lubricate boom cylinders and pins.

Lubricate arm cylinders and pins.

Lubricate link coupling.

Clean the spark chamber.

250 Hour Service Interval

Inspect/Adjust/Replace belts.

Check the final drive oil.

Change the hydraulic filter element.

Check travel gearbox oil level.

Drain water and sediment from the hydraulic tank.

Check/Replace radiator hoses and clamps.

500 Hour Service Interval

Check/Change the fuel filter.

Change engine oil and filter.

Check/Replace the exhaust manifold for damages and leakages.

Replace the air intake line.

Check/Clean radiator fins.

Check/Change fuel pipes, hoses, and clamps.

Check/Replace the hydraulic pump, suction, and pressure hose.

Check/Replace hoses for boom, dipper, and bucket cylinder.

Check/Replace the quick coupler lock mechanism.

Lubricate control level universal joint.

Take samples of the following fluids:

- i. Engine oil.
- ii. Hydraulic oil.
- iii. Transmission oil.
- iv. Gear oil.
- v. Coolant.
- vi. Fuel.

1,000 Hour Service Interval

Change travel gearbox oil.

[Change the final drive oil.](#)

Change swing machinery oil.

Check/Adjust engine valve clearance.

2,000 Hour Service Interval

Change engine coolant.

Change hydraulic oil and filter.

Check the crankcase breather system.

Check/Clean/Replace fuel injectors, nozzles, and pump.

Check the fuel injection timing.

Check the alternator and starting motor.