

(Continued)

No.	Item	Contents	Interval	Note
21	Air conditioner air filter outer element	Replace	500 hrs	Only cabin
22	Air conditioner air filter inner element	Replace	500 hrs	Only cabin
23	Air conditioner drain	Check	500 hrs	Only cabin
24	Hydraulic oil	Change	1000 hrs	Hydraulic tank: 11.2 L (3.0 U.S.gals) Whole oil volumes: 35 L (9.25 U.S.gals)
25	Hydraulic suction filter	Replace	1000 hrs	—
26	Drive chain case oil	Change	1000 hrs	First oil change: 250 hrs SSV65: 20.5 L each (5.4 U.S.gals each) SSV75: 28.0 L each (7.4 U.S.gals each)
27	Engine valve clearance	Adjust	1000 hrs	—
28	Injector tip	Check	1500 hrs	—
29	Engine oil separator element	Replace	1500 hrs	—
30	PCV valve	Check	1500 hrs	—
31	EGR cooler	Check	1500 hrs	—
32	Alternator and starter motor	Check	2000 hrs	—
33	EGR system	Check	3000 hrs	—
34	Turbo charger	Check	3000 hrs	—
35	Cleaning Diesel Particulate Filter (DPF)	Clean	3000 hrs	—
36	Exhaust manifold (crack, gas, leakage and mounting screw)	Check	Every 1 year	—
37	Intake air line for air leaks	Check	Every 1 year	—
38	Boost sensor and AFS (Air flow sensor)	Check	Every 1 year	—
39	Condition of DPF muffler	Check	Every 1 year	—
40	DPF differential pressure sensor and piping for gas leak	Check	Every 1 year	—
41	DPF exhaust gas temperature sensor	Check	Every 1 year	—
42	EGR and piping for gas leak	Check	Every 1 year	—
43	Air-conditioner pipes and hose	Check	Every 1 year	Only cabin
44	Coolant	Change	Every 2 years	—
45	Radiator hoses and clamps	Replace	Every 2 years	—
46	Fuel line and intake air line	Replace	Every 2 years	—
47	Radiator system	Rinse	Every 2 years	—
48	Closed breather related rubber piping	Replace	Every 2 years	—
49	DPF differential pressure sensor rubber piping (Front and back)	Replace	Every 2 years	—
50	Suction pipe downstream the AFS (Air flow sensor)	Replace	Every 2 years	—
51	Boost sensor pressure rubber piping	Replace	Every 2 years	—
52	EGR cooler hose	Replace	Every 2 years	—
53	Air-conditioner pipes and hose	Replace	Every 2 years	Only cabin

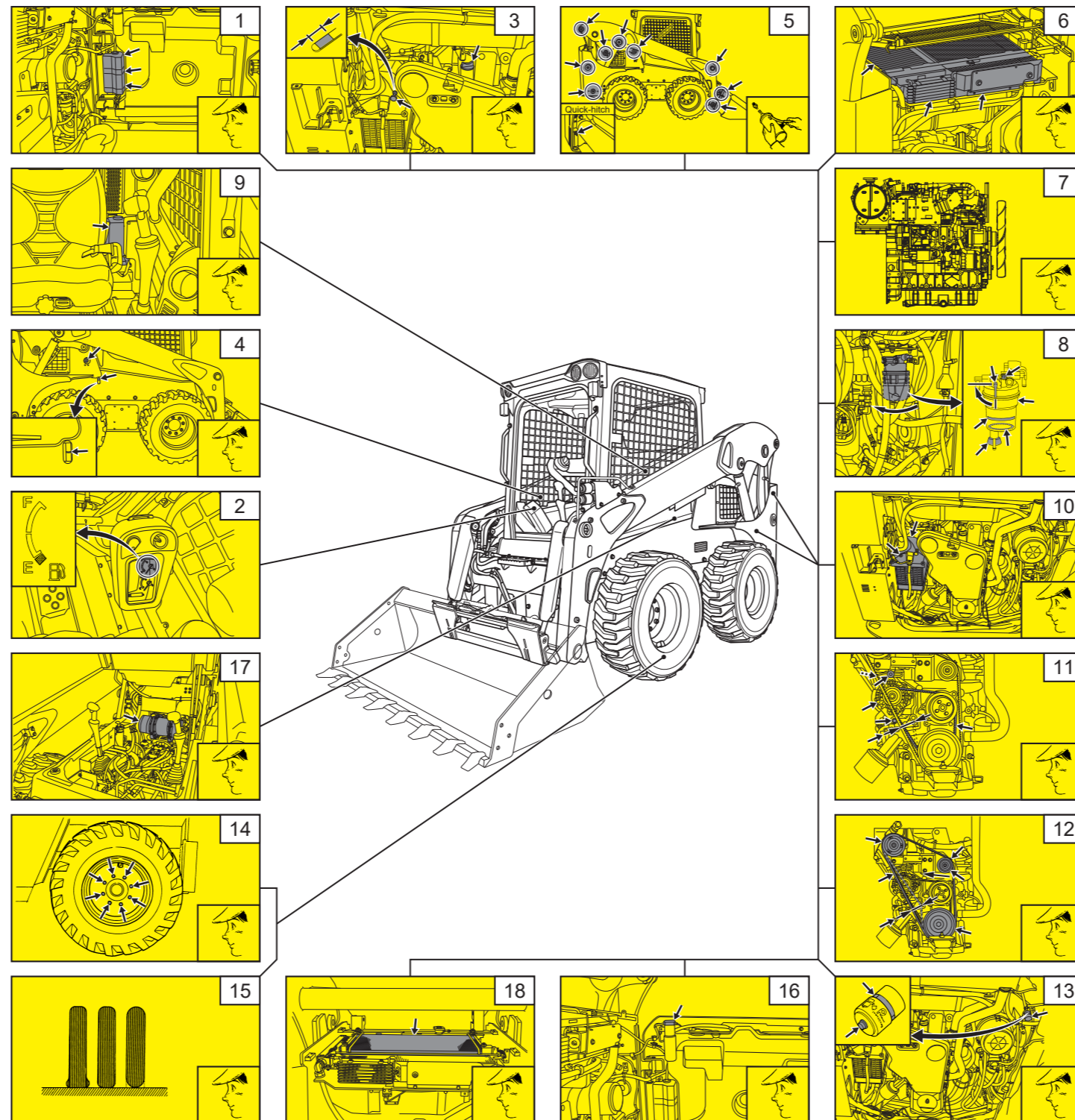
\*1: First operation only.  
\*2: Refer operator's manual.  
\*3: Consult your Kubota Dealer for this service.

**RECOMMENDED LUBRICANTS**

	Recommendation			Ex factory filling		Note	Capacity
	Ambient temperature	Viscosity	Quality standard	Brand	Type		
Engine oil	Below 0 °C (32 °F)	SAE 10W or SAE 10W-30, SAE 15W-40	API CJ-4	—	—	—	—
	0 to 25 °C (32 to 77 °F)	SAE 20W or SAE 10W-30, SAE 15W-40		—	—	—	—
	Above 25 °C (77 °F)	SAE 30W or SAE 10W-30, SAE 15W-40		—	—	—	—
Hydraulic oil	All weather	Daphne Super Hydro 46ST	Idemitsu	—	Equivalent high viscosity oil	—	—
Coolant	—	—	—	—	—	—	—
Grease	—	—	—	Shell	Alvania EP2	—	—
				ExxonMobil	Mobilux EP2	—	—
Fuel	—	—	—	Shell ExxonMobil	Diesel Fuel No.2-D S15	Ultra Low Sulfur Fuel [< 0.0015 % (15 ppm)]	SSV65: 87 L (23 U.S.gals) SSV75: 95 L (25.1 U.S.gals)
Fuel under -5 °C (23 °F)	—	—	EN 590 ASTM D975	Shell ExxonMobil	Diesel Fuel No.1-D S15	—	—

# Kubota MC MAINTENANCE CHART

## SSV65 SSV75 SKID STEER LOADER (NA VERSION)



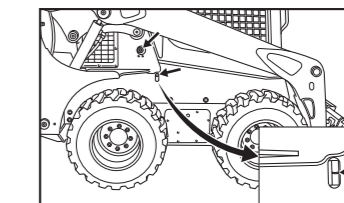
**DAILY CHECK**

No.	Item	Contents	Note
1	Coolant (Reserve tank)	Check	It is necessary to check the water level in the recovery tank. If the coolant level is between "FULL" and "LOW", the condition is normal.
2	Fuel	Check	Turn the starter switch to the "RUN" position and check the fuel level.
3	Engine oil	Check	Insert the oil dipstick all the way into the oil port, take it out, check the oil level, and add oil if necessary.
4	Hydraulic oil	Check	Stop the machine on flat ground and lower the bucket to the ground. Check the hydraulic oil level in the oil level gauge. *2
5	Greasing	Grease	Lift arm linkage (2 places) / Link (2 places) / Bucket link pin (2 place) / Control link (4 place) / Lift arm cylinder boss (4 places) / Tilt cylinder boss (4 places) / Quick coupler pin (2 places)
6	Radiator, oil cooler and fuel cooler	Check	Check the fins and ribs for clogging.
7	Engine and electrical wiring	Check	Check the electrical system carefully, since any defects will cause malfunctions or serious damage.
8	Water separator	Check	Close the cock so that no fuel can run out when the float reaches the line.
9	Washer liquid	Check	Check the water level in the recovery tank and refill coolant if necessary. *1
10	Battery condition	Check	Check the battery condition by reading the indicator.
11	V-belt tension	Check	Press the fan belt in the middle with a fingertip by a force of about 10 kg. The belt tension is proper if the belt deflects about 7 mm.
12	Air-conditioner belt tension	Check	Press the fan belt in the middle with a fingertip by a force of about 10 kg. The belt tension is proper if the belt deflects about 7 mm. *1
13	Dust indicator	Check	Dust indicator: If the red signal on the dust indicator is visible, clean the element. Evacuator: Open the evacuator valve to get rid of large particles of dust and dirt.
14	Wheel bolt torque	Check	If the indicator turns white, do not quick charge the battery but 50 hrs replace it with new one. *2
15	Tires pressure	Check	Check the tires and rims for damage and eliminate defects before starting operation. Please refer under the table. *2
16	Fuel tank cap(vent hole)	Check	Check the vent hole.
17	DPF muffler	Check	Check to see if nothing flammable is deposited around the DPF muffler. Otherwise a fire may result.
18	Air-conditioner condenser	Check	Check the fins and ribs for clogging. *1

\*1: Cabin only.  
\*2: Refer to the under table.

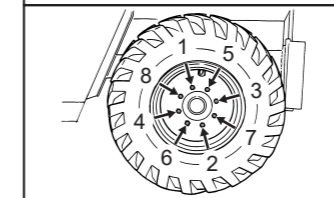
**Tire pressure and tightening torque**

Type	Pressure	
	SSV65	SSV75
Tire 10 × 16.5 8ply	Standard 414 kPa 4.14 bar 60 psi	—
Tire 12 × 16.5 10ply	Option 448 kPa 4.48 bar 65 psi	Standard 448 kPa 4.48 bar 65 psi
Tire 14 × 17.5 12ply	—	Option 552 kPa 5.52 bar 680 psi



1. Park the machine on a firm, flat and level surface. Lower the lift arms slowly to the ground, tilt down the attachments and stop the engine.
2. Check the oil level as to whether it lies on the center of the gauge at normal temperature (10 °C to 30 °C (50 °F to 86 °F)).
3. Enough oil is present if the oil level lies near the center of the gauge.
4. Should the oil level be too low, fill up with oil through the oil port before starting the engine. This step is important for the protection of the hydraulic system.

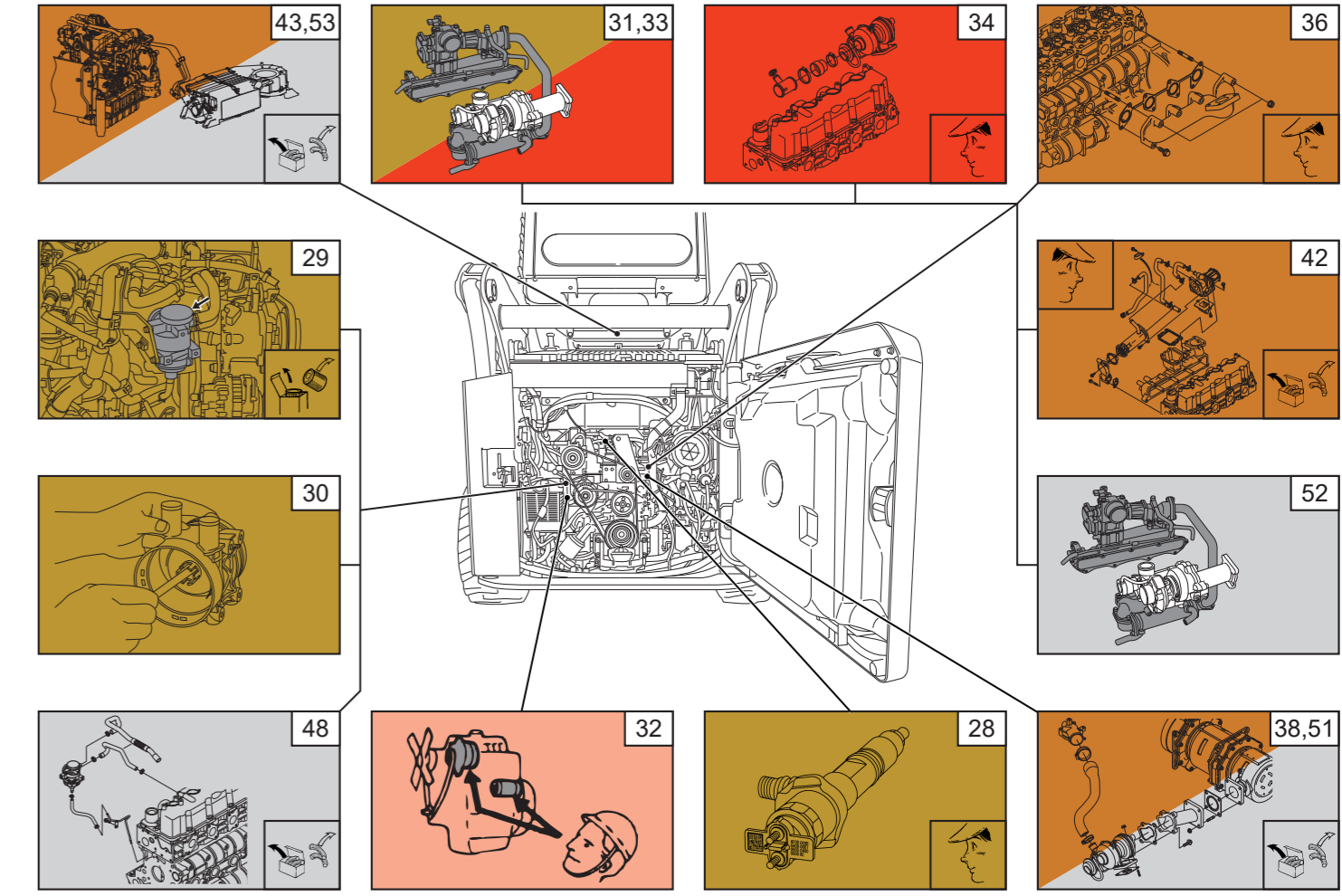
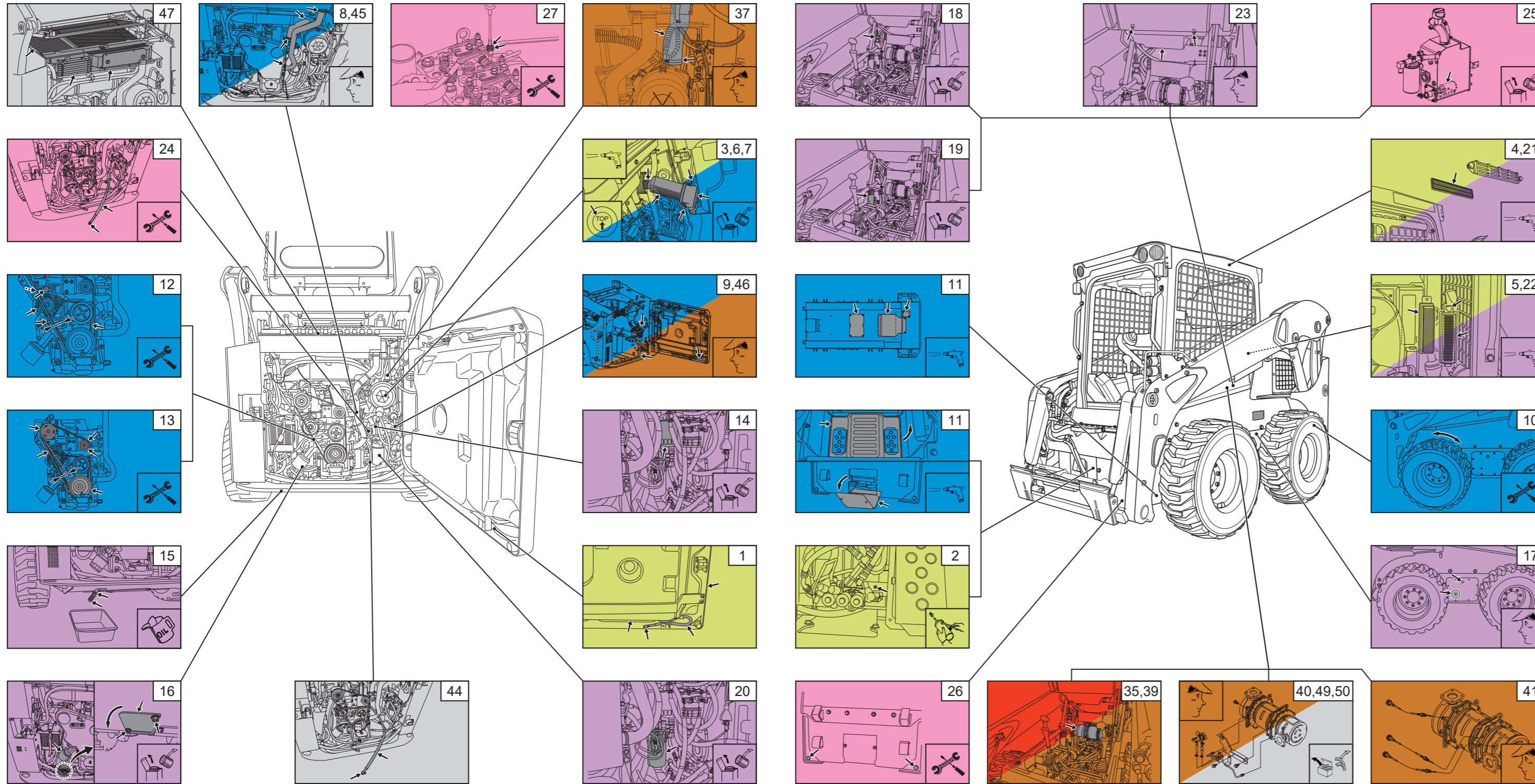
**Order of tightening the nut.**



Tightening torque	200 to 220 N·m 20.4 to 22.5 kgf·m 148 to 162 lbf·ft
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## SSV65 SSV75 SKID STEER LOADER (NA VERSION)



No.	Item	Contents	Interval	Note	
1	Fuel tank	Drain	50 hrs	—	*2
2	Foot pedals	Grease	50 hrs	Apply grease to two points.	*2
3	Air cleaner outer element	Clean	50 hrs	—	*2
4	Air conditioner air filter outer element	Clean	50 hrs	Only cabin	*2
5	Air conditioner air filter inner element	Clean	50 hrs	Only cabin	*2
6	Air cleaner outer element	Replace	250 hrs	—	*2
7	Air cleaner inner element	Replace	250 hrs	—	*2
8	Radiator hoses and clamps	Check	250 hrs	—	*2
9	Fuel line and intake air line	Check	250 hrs	—	*2
10	Drive chain tension	Check	250 hrs	SSV65: 0.4 to 3.3 mm (0.02 to 0.13 in.) SSV75: 0.3 to 3.0 mm (0.01 to 0.12 in.) Tightening torque: 167 to 196 N·m (123 to 145 lbf·ft)	*2
11	Inside of main frame	Clean	250 hrs	—	*2
12	V-belt tension	Adjust	250 hrs	Press the fan belt in the middle with a fingertip by a force of approx 98 N (22 lbs). The belt tension is proper if the belt deflects about 10 to 12 mm. (0.39 to 0.47 in.)	*2
13	Air conditioner V-belt tension	Adjust	250 hrs	Press the fan belt in the middle with a fingertip by a force of approx 98 N (22 lbs). The belt tension is proper if the belt deflects about 11 to 12 mm. (0.44 to 0.47 in.)	*2
14	Fuel filter cartridge	Replace	500 hrs	—	*2
15	Engine oil	Replace	500 hrs	—	*2
16	Engine oil filter cartridge	Replace	500 hrs	—	*2
17	Drive chain case oil	Check	500 hrs	—	*2
18	Breather filter	Replace	500 hrs	—	*2
19	Hydraulic return filter	Replace	500 hrs	First filter change: 250 hrs	*1
20	Hydraulic oil filter	Replace	500 hrs	First filter change: 50 hrs	*1

(To be continued)