

- Drain fuel tank completely. Press purge bulb six to seven times to remove remaining fuel from carburetor then drain the tank again. Close choke, start and run the engine until it stops due to lack of fuel.
- Allow engine to cool. Remove the spark plug lead from the spark plug. Remove the spark plug. Pour 7 cc (0.25 oz.) of fresh, clean, two-stroke engine oil into the cylinder through the spark plug hole.
- Store in a dry area, free from dust.

WARNING

Do not store in an enclosure where fuel fumes may accumulate or reach an open flame or spark.

CAUTION

Do not lend or rent your chainsaw without the Operator's Manual.

Note:

- For future reference, you should keep this Operator's Manual.
- If this Operator's Manual becomes illegible or is lost, please contact your dealer, or go to www.echo-usa.com.

SPECIFICATIONS

Model	CS-4920
Length	437 mm (17.2 in.)
Width	237 mm (9.3 in.)
Height	298 mm (11.7 in.)
Dry weight (without chain and guide bar)	5.04 kg (11.1 lb.)
Engine	Air-cooled two-stroke single-cylinder
Displacement	50.1 ml (3.06 in. ³)
Bore	45.0 mm (1.77 in.)
Stroke	31.5 mm (1.24 in.)
Compression ratio	7.32:1
Carburetor	Diaphragm type
Spark plug	NGK BPMR8Y Gap 0.65 mm (0.026 in.)
Fuel tank capacity	480 ml (16.23 US. fl. oz.)

Model	CS-4920
Fuel / Oil Ratio	50:1
Gasoline	Use 89 octane unleaded. Do not use fuel containing methyl alcohol, more than 10% ethyl alcohol or 15% MTBE. Do not use alternative fuels such as E-15 or E-85.
Oil	ISO-L-EGD (ISO/CD 13738) and JASO M345-FD two-stroke, air-cooled engine oil.
Oiling system	Adjustable automatic oiler
Chain oil capacity	330 ml (11.16 US. fl. oz.)
Starter system	Automatic rewind starter
Clutch	Centrifugal type
Sprocket type	Spur type, 7-tooth, 0.325 in. pitch
Chain brake	Manual and non-manual band brake type
Idle speed	3,000 RPM
Clutch engagement speed	4,200 RPM
Wide open throttle speed	12,500 RPM
Chain tensioner	Side access system
Guide bar	16, 18, 20 in.
Saw chain	20BPX
Standard features	Front hand guard, Rear hand guard, Anti-vibration device, Spiked bumper, Throttle control lockout, Chain catcher, Spark arrester muffler