

# SERVICE AT A GLANCE MAINTENANCE INTERVALS



Volvo Trucks. Driving Progress

For VNL, VNR, VNX, VHD and VAH  
Manufactured Year 2021 GHG and Newer

These maintenance intervals are general recommendations. Please refer to the appropriate maintenance and lubrication manual for your specific vehicle as the authoritative source for all details of a proper and complete inspection and maintenance plan for your vehicle. Recommended intervals by Miles, Km or Hours whichever occurs first.

Greater than 6 mpg  
Less than 39L/100km

Greater than 5 mpg  
Less than 50L/100km

Less than 5 mpg  
Greater than 50L/100km

## ENGINE

### NORMAL DUTY

### HEAVY DUTY

### SEVERE DUTY

#### VOLVO PREMIUM ENGINE OIL, FILTERS AND FUEL FILTERS

Manufactured Year 2021 GHG and Newer Engines Using Volvo VDS-5 Oil

\*Volvo Premium Motor Oil VDS-5 / \*\*Other Volvo Approved VDS-5 Oil

##### D11/D13 with 42L/44qt Oil Pan:

##### Volvo VDS-5\* Oil, Filters and Fuel Filters (Replace)

If idle time is greater than 30%, use the next lower drain interval.

**NOTE:** Actual fuel filter service intervals may vary based on fuel quality and vehicle application. For additional information, reference service document 170/Description, Design and Function/Diesel Fuel.

	Miles	60,000* / 55,000**	45,000* / 40,000**	35,000* / 30,000**
	Km	95,000* / 90,000**	70,000* / 65,000**	55,000* / 50,000**
	Hours	1,700* / 1,600**	1,300* / 1,200**	825* / 750**

#### VOLVO PREMIUM LONG LIFE COOLANT

##### Volvo Premium Long-Life Coolant (Replace)

Miles	750,000
Km	1,200,000
Time	96 months

##### Volvo Premium Long-Life Coolant Filter (Replace)

Miles	150,000
Km	240,000
Time	12 months

#### MISCELLANEOUS

##### Valve Adjustment

Miles	150,000 / then every 300,000
Km	240,000 / then every 500,000
Time	12 months / then every 24 months

##### Fan and Accessory Drive Belts and Tensioners (Replace)

Miles	300,000	150,000
Km	500,000	240,000
Time	36 months	12 months

##### Volvo Premium Air Filter and Fuel Tank Ventilation Filter (Replace)

Time	At max restrictions as indicated on gauge or 12 months	At max restrictions as indicated on gauge or 6 months
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## EXHAUST AFTERTREATMENT SYSTEM

### NORMAL DUTY

### HEAVY DUTY

### SEVERE DUTY

##### Diesel Particulate Filter (Clean)

Miles	400,000	250,000
Km	650,000	150,000
Hours	10,000	4,500

##### Aftertreatment Hydrocarbon Injector (AHI)

Manufactured year 2017 and newer replace AHI nozzle and perform data reset.

Miles	150,000
Km	240,000
Hours	4,500

##### DEF, Pump and Tank Filler Neck Filter

Drain DEF tank, replace DEF pump main filter, clean DEF tank neck filter.

Miles	150,000
Km	240,000
Hours	4,500

## TRANSMISSION AND AXLES

### NORMAL DUTY

### HEAVY DUTY

### SEVERE DUTY

#### TRANSMISSIONS I-SHIFT

Volvo I-Shift, Volvo I-Shift Severe Duty, and Volvo I-Shift with Crawler Gears

##### Transmission Oil and Filter (Replace)

Oil Quality: Volvo Transmission Oil 97319\*

\*Approved oils only, lists can be made available

Miles	500,000	250,000
Km	800,000	400,000
Time	60 months	2,500 hours

#### Axles

##### 3 Axle Alignment

Time	12 months (minimum)
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##### Vendor Rear Axle Oil (Replace)

See axle manufacturer guidelines

## CHASSIS

### NORMAL DUTY

### HEAVY DUTY

### SEVERE DUTY

##### Volvo Premium Chassis Lubrication

Miles	15,000	10,000
Km	24,000	16,000

##### Electrical System Connectors (Check)

Time	Every 6 months
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##### Power Steering Fluid and Filter (Replace)

Miles	150,000
Km	240,000
Time	12 months

##### Air Dryer Coalescing Cartridge (Replace)

Miles	150,000
Km	240,000
Time	12 months