

# Maintenance Service Operations

Service Operation		Schedule of Services									
All 2005 Models	miles x 1000	7.5	15	22.5	30	37.5	45	52.5	60	67.5	75
	km x 1000	12	24	36	48	60	72	84	96	108	120
Engine											
PCV, inspect, clean nipple and hoses (5 cylinder engine VIN codes 54 & 59 Only)††											
Engine oil and filter, replace		X	X	X	X	X	X	X	X	X	X
Service Reminder Indicator (SRI), reset		X	X	X	X	X	X	X	X	X	X
Fuel lines, check					X				X		
Fuel filter, replace*											
Exhaust system/ check for damage leaks									X	X	X
Air filter cartridge/ replace**						X					X
Spark plugs/ replace (Engine VIN codes 54 & 59 Only)									X		
Spark plugs/ replace (Except engine VIN codes 54 & 59)											X
Coolant level, check / adjust		X	X	X	X	X	X	X	X	X	X
Battery, check fluid level and mounting***					X		X		X		X
Auxiliary drive belt, tensioner and idler pulley, replace (5 cylinder Only)											
Auxiliary drive belt, clutch and guide pins, replace (Engine VIN codes 98 & 99)											
Auxiliary drive belt, tensioner and idler pulley, replace (Engine VIN code 85)											
Alternator rubber sleeve, replace (Engine VIN codes 98 & 99)											
Timing belt, tensioner and idler pulley replace (5 cylinder Only)†											

\* **S60 and XC90 engine VIN codes 54, 59, 85 & 98 Only.**

\*\* **May be necessary to change more frequently when driving in dusty/dirty areas.**

\*\*\* **Check more frequently when driving in severe climates.**

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<b>All 2005 Models Cont.</b>	miles x 1000	82.5	90	97.5	105	112.5	120	127.5	135	142.5	150
	km x 1000	132	144	156	168	180	192	204	216	228	240
<b>Engine</b>											
PCV, inspect, clean nipple and hoses (5 cylinder engine VIN codes 54 & 59 Only)††							X				
Engine oil and filter, replace	X	X	X	X	X	X	X	X	X	X	X
Service Reminder Indicator (SRI), reset	X	X	X	X	X	X	X	X	X	X	X
Fuel lines, check for damage/leaks		X					X				X
Fuel filter, replace*							X				
Exhaust system/ check for damage leaks	X	X	X	X	X	X	X	X	X	X	X
Air filter cartridge/ replace**						X					X
Spark plugs/ replace (5 cylinder engine VIN codes 54 & 59 Only)							X				
Spark plugs/ replace (Except engine VIN codes 54 & 59)											X
Coolant level, check / adjust	X	X	X	X	X	X	X	X	X	X	X
Battery, check fluid level and mounting***		X			X		X		X		X
Auxiliary drive belt, tensioner and idler pulley, replace (5 cylinder Only)							X				
Auxiliary drive belt, clutch and guide pins, replace (Engine VIN codes 98 & 99)											X
Auxiliary drive belt, tensioner and idler pulley, replace (Engine VIN code 85)											X
Alternator rubber sleeve, replace (Engine VIN codes 98 & 99)											X
Timing belt, tensioner and idler pulley, replace (5 cylinder Only)†							X				

† Models identified by engine VIN code 39 sold in California, Massachusetts, Maine, Vermont, Connecticut, Rhode Island, Pennsylvania, New Jersey and Washington are classified as PZEV vehicles. The timing belt and tensioner replacement interval for these vehicles only is 15 years or 150,000 miles / 240,000 kilometers. Maximum replacement time interval for all engines except engine VIN code 39 is 10 years.

†† Service interval after first service is every 45,000 miles / 72,000 kilometers.

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## Schedule of Services

### All 2005 Models

	miles x 1000	7.5	15	22.5	30	37.5	45	52.5	60	67.5	75
	km x 1000	12	24	36	48	60	72	84	96	108	120
<b>Steering, Front and Rear Suspension</b>											
Power steering fluid level, check/adjust*		X	X	X	X	X	X	X	X	X	X
Steering/front suspension, check									X	X	X
Rear suspension, check for wear									X	X	X
<b>Transmission, Driveshaft and Differential</b>											
Automatic transmission fluid level, check/adjust**											
Bevel gear, visual inspection***			X		X		X		X		X
Driveshaft joints, check for wear/play									X	X	X
Driveshafts, check boots									X	X	X
Propeller shaft, pilot bearing and universal joints, check wear†									X	X	X
<b>Controls and Lighting</b>											
Washer fluid level, check/adjust		X	X	X	X	X	X	X	X	X	X
Check all wiper blades		X	X	X	X	X	X	X	X	X	X

\* No power steering fluid check on S40, V50, C70 and C30 models.

\*\* Check automatic transmission fluid level only if an external leak is identified. Volvo recommends changing automatic transmission fluid every 52,500 miles / 84,000 kilometers, only on vehicles used for towing, or when a message displays in the Instrument Panel Text Window.

\*\*\* All-wheel drive models only.

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## Service Operation

## Schedule of Services

### All 2005 Models Cont.

	miles x 1000	82.5	90	97.5	105	112.5	120	127.5	135	142.5	150
	km x 1000	132	144	156	168	180	192	204	216	228	240
<b>Steering, Front and Rear Suspension</b>											
Power steering fluid level, check/adjust*		X	X	X	X	X	X	X	X	X	X
Steering/front suspension, check		X	X	X	X	X	X	X	X	X	X
Rear suspension, check for wear		X	X	X	X	X	X	X	X	X	X
<b>Transmission, Driveshaft and Differential</b>											
Automatic transmission fluid level, check/adjust**											
Bevel gear, visual inspection***			X		X		X		X		X
Driveshaft joints, check for wear/play		X	X	X	X	X	X	X	X	X	X
Driveshafts, check boots		X	X	X	X	X	X	X	X	X	X
Propeller shaft, pilot bearing and universal joints, check wear†		X	X	X	X	X	X	X	X	X	X
<b>Controls and Lighting</b>											
Washer fluid level, check/adjust		X	X	X	X	X	X	X	X	X	X
Check all wiper blades		X	X	X	X	X	X	X	X	X	X

\* No power steering fluid check on S40, V50, C70 and C30 models.

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<b>Body</b>											
Cabin air filter, replace*			X		X		X		X		X
Inspect convertible hardtop (C70 Only)			X		X		X		X		X
Clean inside of windshield in front of camera (Vehicles with camera for collision warning)		X	X	X	X	X	X	X	X	X	X
<b>Brake System</b>											
Brake fluid level, check		X	X	X	X	X	X	X	X	X	X
Brake fluid, replace**						X					X
Parking brake, check/adjust			X		X		X		X		X
Brake pads, check		X	X	X	X	X	X	X	X	X	X
Brake hoses and lines, check for damage/leaks					X				X		
<b>Wheels and Tires</b>											
Tires, check pressure, wear and condition***		X	X	X	X	X	X	X	X	X	X
Tire inflator kit†											
<b>General</b>											
Check and replace parts or software, as required by Volvo Cars of North America, LLC., that are covered under the terms of the Volvo New Car Warranty.											

\* Recommended to replace at least once a year or more often in heavy traffic or dirty/dusty areas.

\*\* Recommended to replace every three years or 37,500 miles / 60,000 kilometers (if driven in mountainous areas or humid climates - every one year).

\*\*\* Check spare tire pressure every two years.

† Check expiration date label every four years for replacement date on vehicles with this equipment.

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	km x 1000	132	144	156	168	180	192	204	216	228	240
<b>Body</b>											
Cabin air filter, replace*			X		X		X		X		X
Inspect convertible hardtop (C70 Only)			X		X		X		X		X
Clean inside of windshield in front of camera (Vehicles with camera for collision warning)		X	X	X	X	X	X	X	X	X	X
<b>Brake System</b>											
Brake fluid level, check		X	X	X	X	X	X	X	X	X	X
Brake fluid, replace**						X					X
Parking brake, check/adjust			X		X		X		X		X
Brake pads, check		X	X	X	X	X	X	X	X	X	X
Brake hoses and lines, check for damage/leaks			X				X				X
<b>Wheels and Tires</b>											
Tires, check pressure, wear and condition***		X	X	X	X	X	X	X	X	X	X
Tire inflator kit†											

\* Recommended to replace at least once a year or more often in heavy traffic or dirty/dusty areas.

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