



Maintenance

Lubrication Points 3-2

Maintenance Schedule

Normal Conditions 3-4

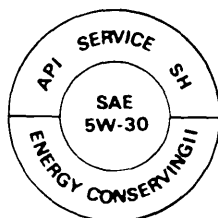
Severe Conditions 3-6

Lubrication Points

For the details of lubrication points and types of lubricants to be applied, refer to the Illustrated Index and various work procedures (such as Assembly/Reassembly, Replacement, Overhaul, Installation, etc.) contained in each section.

No.	LUBRICATION POINTS		LUBRICANT
1	Engine		API Service Grade: Use SH "Energy Conserving II" grade oil. The oil container may also display the API Certification Seal shown below. Make sure it says "For Gasoline Engines." SAE Viscosity: See chart below.
2	Transmission	Manual	Genuine Honda MTF* ¹
		Automatic	Genuine Honda Premium Formula Automatic Transmission Fluid (ATF)* ²
3	Brake Line		Genuine Honda DOT3 Brake Fluid* ³
4	Clutch Line		Genuine Honda DOT3 Brake Fluid* ³
5	Power steering gearbox		Steering grease P/N 08733 – B070E
6	Shift lever pivots (manual transmission)		Grease with molybdenum disulfide
7	Release fork (manual transmission)		Super High Temp Urea Grease (P/N 08798 – 9002)
8	Steering boots		Multi-purpose grease
9	Steering ball joints		
10	Shift lever (automatic transmission)		
11	Pedal linkage		
12	Brake master cylinder pushrod		
13	Trunk hinges and latch		
14	Door hinges upper and lower		
15	Door opening detents		
16	Fuel filler lid		
17	Engine hood hinges and engine hood latch		
18	Clutch master cylinder pushrod		
19	Throttle cable end and throttle linkage		
20	Rear brake shoe linkages		
21	Steering wheel (back side)		
22	Caliper piston seal, dust seal, caliper pin, piston		Silicone grease
23	Throttle cable end (dashboard lower panel)		
24	Power steering system		Genuine Honda Power Steering Fluid (V or S)* ⁴
25	Air conditioning compressor		Compressor oil: SANDEN: SP-10 P/N 38899 – P13 – A01 or 38897 – P13 – A01AH (For Refrigerant: HFC-134a (R-134a))

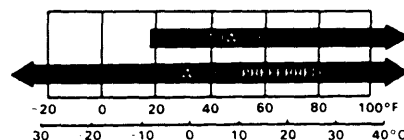
API SERVICE LABEL



API CERTIFICATION SEAL

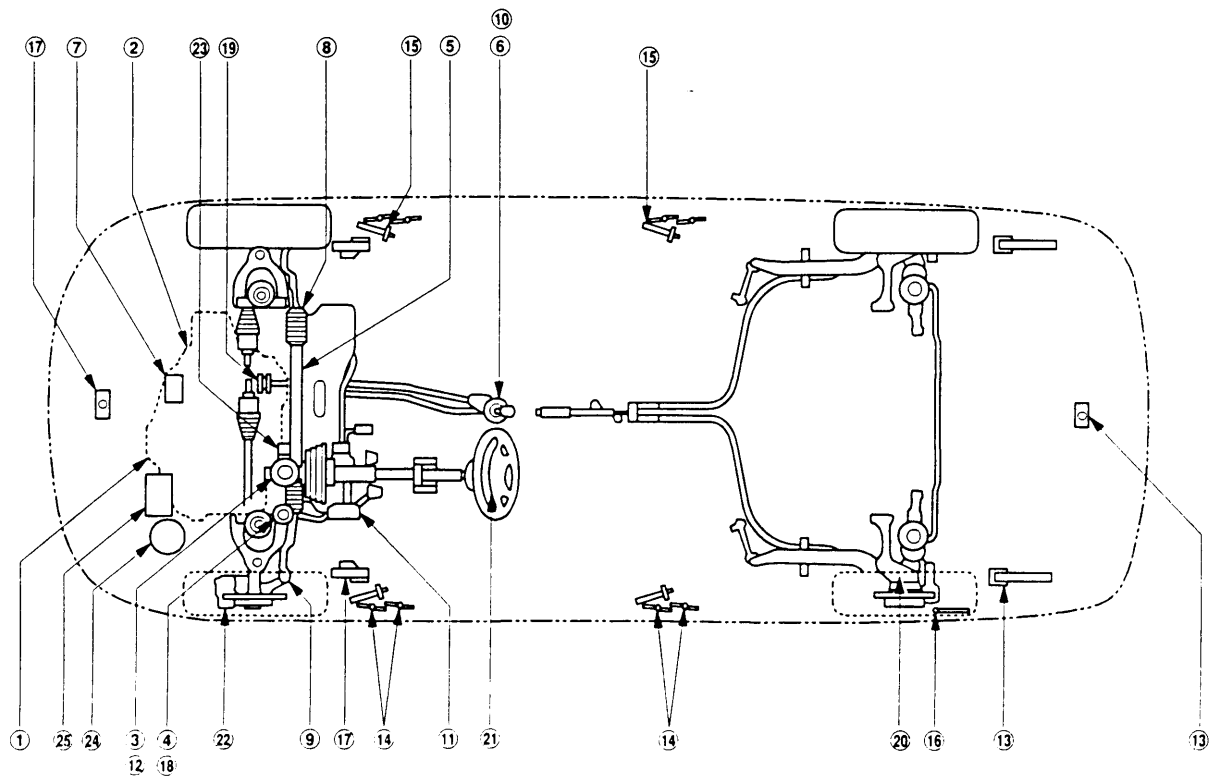


Recommended Engine Oil



Engine oil viscosity for ambient temperature ranges

- *1: Always use Genuine Honda Manual Transmission Fluid (MTF). Using motor oil can cause stiffer shifting because it does not contain the proper additives.
- *2: Always use Genuine Honda Premium Formula Automatic Transmission Fluid (ATF). Using a non-Honda ATF can affect shift quality.
- *3: Always use Genuine Honda DOT3 Brake Fluid. Using a non-Honda brake fluid can cause corrosion and decrease the life of the system.
- *4: Always use Genuine Honda Power Steering Fluid (V or S). Using any other type of power steering fluid or automatic transmission fluid can cause increase wear and poor steering in cold weather.



Follow the Normal Conditions Maintenance Schedule if the severe driving conditions specified in the Severe Conditions Maintenance Schedule on pages 3-6 and 3-7 do not apply.

Service at the indicated distance or time whichever comes first.	miles x 1,000	15	30	45	60	75	90	105	120	NOTE	SECTION and PAGE
	km x 1,000	24	48	72	96	120	144	168	192		
	months	12	24	36	48	60	72	84	96		
Replace engine oil	Replace every 7,500 miles (12,000 km) or 12 months									Capacity for change with filter: 3.6 ℓ (3.8 US qt, 3.2 Imp qt)	8-4
Replace engine oil filter		●	●	●	●	●	●	●	●		8-5, 6
Check engine oil and coolant	Check oil and coolant at each fuel stop									Check levels and check for leaks.	8-4, 10-4
Replace air cleaner element			●		●		●		●		11-123
Inspect valve clearance	Inspect at 30,000 miles (48,000 km) only									Intake: 0.18 – 0.22 mm (0.007 – 0.009 in) Exhaust: 0.23 – 0.27 mm (0.009 – 0.011 in) Measured when cold	6-10
Replace spark plugs			●		●		●		●	ZFR5F-11 Gap: 1.0 – 1.1 mm (0.039 – 0.043 in)	4-21
Replace timing belt and inspect water pump								●		Replace the timing belt. Check water pump for signs of seal leakage.	6-17, 10-11
Inspect and adjust drive belts			●		●		●		●	Check for cracks and damage. Check deflection and tension at center of following belts pressing with 98 N (10 kgf, 22 lbf) tension: Alternator drive belt: 8.0 – 10.5 mm (0.31 – 0.41 in) P/S pump belt: 10.5 – 14.0 mm (0.41 – 0.55 in) A/C compressor belt: 7.5 – 9.5 mm (0.30 – 0.37 in)	4-34 17-14 22-37
Inspect idle speed								●		750 ± 50 rpm (M/T: neutral) 750 ± 50 rpm (A/T: N or P position)	11-103
Replace engine coolant				●		●		●		Capacity for change: M/T: 3.8 ℓ (4.0 US qt, 3.3 Imp qt) A/T: 3.9 ℓ (4.1 US qt, 3.4 Imp qt) Check specific gravity for freezing point.	10-5, 6
Replace transmission fluid							●			Manual transmission: Genuine Honda MTF 1.8 ℓ (1.9 US qt, 1.6 Imp qt) for change Automatic transmission: 2.7 ℓ (2.9 US qt, 2.4 Imp qt) for change with Genuine Honda Premium Formula ATF	13-3 14-95
Inspect front and rear brakes		●	●	●	●	●	●	●	●	• Check the brake pad and disc thickness and free movement. • Check the wheel cylinder for leaks. • Check the brake linings for cracking, glazing, wear, or contamination. • Check the calipers for leakage.	19-9, 11, 12, 18, 19, 22
Replace brake fluid				●			●			Use Genuine Honda DOT3 brake fluid. Check that brake fluid level is between the upper and lower marks on the reservoir.	19-7
Check parking brake adjustment		●	●	●	●	●	●	●	●	Fully engaged 6 to 9 notches.	19-6
Rotate tires (Check tire inflation and condition at least once per month)	Rotate tires every 7,500 miles (12,000 km)									The suggested rotation method is shown in the diagram of the Owner's Manual.	—

Normal Conditions

Maintenance Schedule

Service at the indicated distance or time whichever comes first.	miles x 1,000	15	30	45	60	75	90	105	120	NOTE	SECTION and PAGE	
	km x 1,000	24	48	72	96	120	144	168	192			
	months	12	24	36	48	60	72	84	96			
Visually inspect the following items:												
Tie-rod ends, steering gear box, and boots										Check steering linkage for looseness. Check condition of boots. Check for fluid leaks.	17-22	
Suspension components										Check the bolts for tightness. Check the condition of ball joint boots.	18-8, 9, 20, 21	
Driveshaft boots										Check condition of boots.	16-3	
Brake hoses and lines (including ABS)										Check for damage or leakage.	19-4	
All fluid levels and condition of fluid	●	●	●	●	●	●	●	●	●	Check levels, condition of fluids, and check for leaks. If brake fluid is low, check brake pad thickness.	10-4, 13-3, 14-95, 19-7	
Cooling system hoses and connections										Check all hoses for damage, leaks, and deterioration. Check for proper fan operation.	10-2	
Exhaust system*										Check the catalytic converter heat shield, exhaust pipe, and muffler for damage, leaks, and tightness.	9-3, 4 11-126	
Fuel lines and connections*										Check for leaks. Retighten loose connections and replace any damaged parts.	11-105	
Inspect supplemental restraint system	10 years after production										—	

According to state and federal regulations, failure to perform maintenance on the items marked with an asterisk (*) will not void customer's emission warranties. However, Honda recommends that all maintenance services be performed at the recommended time or mileage period to ensure long-term reliability.

For Canada model: Follow the Severe Conditions Maintenance Schedule on page 3-6 and 3-7.



Severe Conditions

Follow the Severe Conditions Maintenance Schedule if the vehicle is driven MAINLY under one or more of the Severe Driving Conditions (page 3-7):

Service at the indicated distance or time whichever comes first.	miles x 1,000	15	30	45	60	75	90	105	120	NOTE	SECTION and PAGE
	km x 1,000	24	48	72	96	120	144	168	192		
	months	12	24	36	48	60	72	84	96		
Replace engine oil and oil filter	Replace every 3,750 miles (6,000 km) or 6 months									Capacity for change with filter: 3.6 l (3.8 US qt, 3.2 Imp qt)	8-4
Check engine oil and coolant	Check oil and coolant at each fuel stop									Check levels and check for leaks.	8-4, 10-4
Replace air cleaner element Use normal schedule except in dusty conditions		●	●	●	●	●	●	●	●		11-123
Inspect valve clearance	Inspect at 30,000 miles (48,000 km) only									Intake: 0.18 – 0.22 mm (0.007 – 0.009 in) Exhaust: 0.23 – 0.27 mm (0.009 – 0.011 in) Measured when cold	6-10
Replace spark plugs		●		●		●		●		ZFR5F-11 Gap: 1.0 – 1.1 mm (0.039 – 0.043 in)	4-21
Replace timing belt*1 and inspect water pump								●		Replace the timing belt. Check water pump for signs of seal leakage.	6-17, 10-11
Inspect and adjust drive belts		●		●		●		●		Check for cracks and damage. Check deflection and tension at center of following belts pressing with 98 N (10 kgf, 22 lbf) tension: Alternator drive belt: 8.0 – 10.5 mm (0.31 – 0.41 in) P/S pump belt: 10.5 – 14.0 mm (0.41 – 0.55 in) A/C compressor belt: 7.5 – 9.5 mm (0.30 – 0.37 in)	4-34 17-14 22-37
Inspect idle speed								●		750 ± 50 rpm (M/T: neutral) 750 ± 50 rpm (A/T: N or P position)	11-103
Replace engine coolant			●		●		●			Capacity for change: M/T: 3.8 l (4.0 US qt, 3.3 Imp qt) A/T: 3.9 l (4.1 US qt, 3.4 Imp qt) Check specific gravity for freezing point.	10-5, 6
Replace transmission fluid		●		●		●		●		Manual transmission: Genuine Honda MTF 1.8 l (1.9 US qt, 1.6 Imp qt) for change Automatic transmission: 2.7 l (2.9 US qt, 2.4 Imp qt) for change with Genuine Honda Premium Formula ATF	13-3 14-95
Inspect front and rear brakes	Inspect every 7,500 miles (12,000 km) or 6 months									• Check the brake pad and disc thickness and free movement. • Check the wheel cylinder for leaks. • Check the brake linings for cracking, glazing, wear, or contamination. • Check the calipers for leak.	19-9, 11, 13, 18, 19, 22
Replace brake fluid			●			●				Use Genuine Honda DOT3 brake fluid. Check that brake fluid level is between the upper and lower marks on the reservoir.	19-7
Check parking brake adjustment	●	●	●	●	●	●	●	●	●	Fully engaged 6 to 9 clicks.	19-6

*1: Replace the timing belt at 60,000 miles (U.S.) 100,000 km (Canada) if the vehicle regularly is driven in one or more of these conditions:

- In very high temperatures (over 110°F, 43°C).
- In very low temperatures (under – 20°F, – 29°C).

Service at the indicated distance or time whichever comes first.	miles x 1,000	15	30	45	60	75	90	105	120	NOTE	SECTION and PAGE
	km x 1,000	24	48	72	96	120	144	168	196		
	months	12	24	36	48	60	72	84	96		
Lubricate locks and hinges		●	●	●	●	●	●	●	●		
Clean antenna mast		●	●	●	●	●	●	●	●		3-2, 3
Rotate tires (Check tire inflation and condition at least once per month)	Rotate tires every 7,500 miles (12,000 km)									The suggested rotation method is shown in the diagram of the Owner's Manual.	
Visually inspect the following items:											
Tie-rod ends, steering gear box, and boots	Every 7,500 miles (12,000 km) or 6 months									Check steering linkage for looseness. Check condition of boots. Check for fluid leaks.	17-22
Suspension components										Check the bolts for tightness. Check the condition of ball joint boots.	18-8, 9, 20, 21
Driveshaft boots										Check condition of boots.	16-3
Brake hoses and lines (including ABS)	●	●	●	●	●	●	●	●	Check for damage or leakage.	19-4	
All fluid levels and condition of fluid									Check levels, condition of fluids, and check for leaks. If brake fluid is low, check brake pad thickness.	10-4, 13-3, 14-95, 19-7	
Cooling system hoses and connections									Check all hoses for damage, leaks, and deterioration. Check for proper fan operation.	10-2	
Exhaust system*									Check the catalytic converter heat shield, exhaust pipe, and muffler for damage, leaks, and tightness.	9-3, 4 11-126	
Fuel lines and connections*									Check for leaks.	11-105	
Lights and controls									Check all lighting functions.		
Vehicle underbody									Check for damage and fluid leaks.		
Inspect supplemental restraint system									10 years after production		
According to state and federal regulations, all vehicles must have a valid safety recall notice posted in the vehicle's owner's manual.											

According to state and federal regulations, failure to perform maintenance on the items marked with an asterisk (*) will not void customer's emission warranties. However, Honda recommends that all maintenance services be performed at the recommended time or mileage period to ensure long-term reliability.

Severe Driving Conditions:

- Driving less than 5 miles (8 km) per trip or, in freezing temperatures, driving less than 10 miles (16 km) per trip.
- Driving in extremely hot [over 90°F (32°C)] conditions.
- Extensive idling or long periods of stop-and-go driving.
- Trailer towing, driving with a car-top carrier, or driving in mountainous conditions.
- Driving on muddy, dusty, or de-iced roads.

NOTE: If the vehicle is driven OCCASIONALLY under a "severe" condition, you should follow the Normal Conditions Maintenance Schedule on pages 3-4 and 3-5.

