

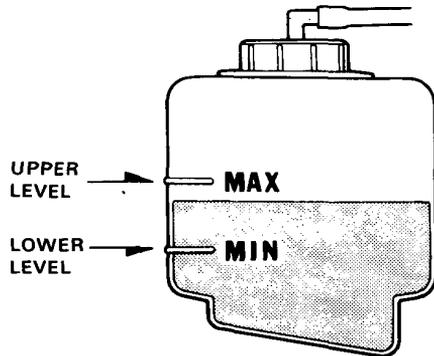
Engine Tune-up



Coolant Level Inspection

CAUTION : When supplying coolant, be sure to shut the relay box lid and not to let coolant spill on the electrical parts or the painted portion. If any coolant spills, rinse it off immediately.

1. Check whether the coolant level in the coolant reservoir tank is between "MAX" and "MIN".



2. Supply the coolant reservoir tank with coolant to "MAX", if the coolant level is lower than "MIN" or near to "MIX".

NOTE:

- Use only HONDA-RECOMMENDED anti-freeze/coolant.
- For best corrosion protection, the coolant concentration must be maintained year-round at 50% MINIMUM. Coolant concentrations less than 50% may not provide sufficient protection against corrosion or freezing.
- Coolant concentrations greater than 60% will impair cooling efficiency and are not recommended.

CAUTION:

- Do not mix different brand anti-freeze/coolants.
- Do not use a additional rust inhibitors or antirust products; they may not be compatible with the recommended coolant.

Radiator Coolant Refill Capacity :

ℓ (US qt, Imp qt)

DOHC	4.5 (4.7, 4.0)
SOHC M/T	4.4 (4.6, 3.9)
SOHC A/T	4.3 (4.5, 3.8)

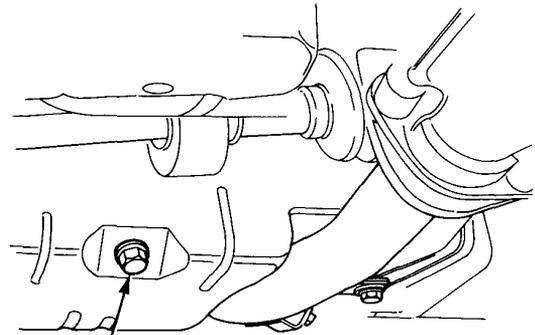
(including the reservoir capacity : 0.4 ℓ
(0-42 US qt, 0-35 Imp qt))

Engine Oil Replacement

1. Warm up the engine.
2. Drain the engine oil.

CAUTION: Used engine oil may cause skin cancer if repeatedly left in contact with the skin for prolonged periods. Although this is unlikely unless you handle used oil on a daily basis, it is still advisable to thoroughly wash your hands with soap and water as soon as possible after handling used oil.

NOTE: Remove the filler cap to speed draining.



OIL PAN DRAIN PLUG
45 N·m (4.5 kg-m, 33 lb-ft)

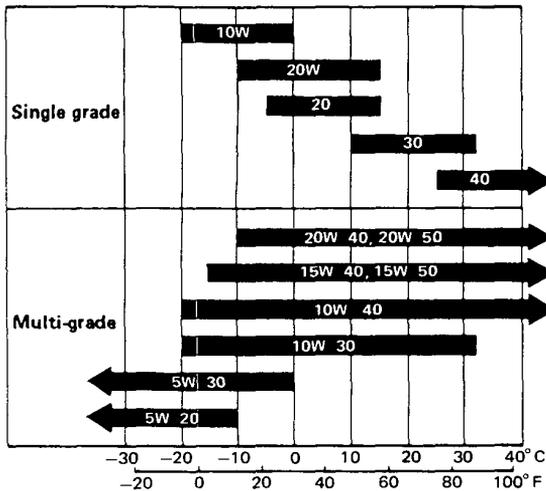
3. Reinstall the drain plug with a new washer, and refill with the recommended oil.

Engine Tune-up

Engine Oil Replacement (cont'd)

Capacity	SOHC: 3.0 lit (3.2 US qt, 2.7 Imp. qt) DOHC 3.3 lit (3.5 US qt, 2.9 Imp. qt) excluding oil filter SOHC: 3.5 lit (3.7 US qt, 3.1 Imp. qt) DOHC 3.8 lit (4.0 US qt, 3.4 Imp. qt) at change, including filter SOHC: 4.0 lit (4.2 US qt, 3.5 Imp. qt) DOHC 4.3 lit (4.6 US qt, 3.8 Imp. qt)
Change	Every 10,000 km (6,000 miles) or 6 months

Recommended Engine Oil SF or SG (also SE for DOHC).



Engine oil viscosity for ambient temperature ranges.

NOTE: Oil filter should be replaced at each oil change.

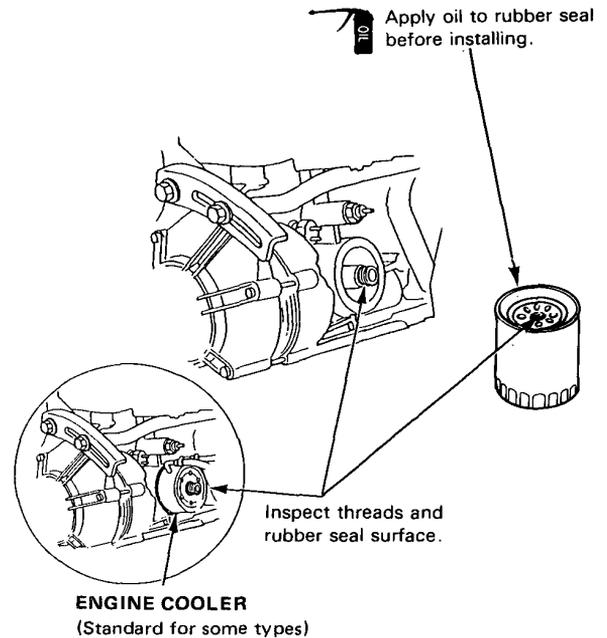
Oil Filter Replacement

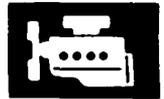
WARNING After the engine has been run, the exhaust pipes will be hot; be careful when working around the exhaust manifold.

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1. Remove the oil filter with the special oil filter socket.
2. Inspect the threads and rubber seal on the new filter. Wipe off seat on engine block, then apply a light coat of oil to the filter rubber seal.

NOTE: Use only filters with a built-in bypass system.



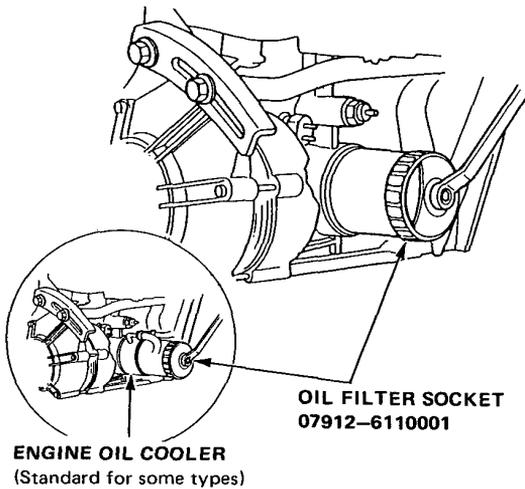


3. Install the oil filter by hand.
4. After the rubber seal is seated, tighten the oil filter clockwise with the special tool.

Tighten: 7/8 turn clockwise.

Tightening torque: 22 N·m (2.2 kg-m, 16 lb-ft)

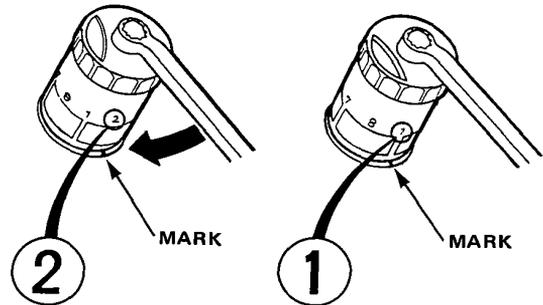
CAUTION: Installation other than the above procedure could result in serious engine defects due to oil leakage.



Eight numbers (1 to 8) are printed on the surface of the filter.

The following explains the procedure for tightening filters using these numbers.

- 1) Make a mark on the cylinder block under the number that shows at the bottom of the filter when the rubber seal is seated.
- 2) Tighten the filter by turning it clockwise seven numbers from the marked point. For example, if a mark is made under the number 2 when the rubber seal is seated, the filter should be tightened until the number 1 comes up to the marked point.



Number when rubber seal is seated.

Number after tightening.

Number when rubber seal is seated	1	2	3	4	5	6	7	8
Number after tightening	8	1	2	3	4	5	6	7

5. After installation, fill the engine with oil up to the specified level, run the engine for more than 3 minutes, then check for oil leakage.