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ENGINE OIL CONSUMPTION WORKSHEET

This Service Letter updates previously issued information and includes some new recommendations and requirements related to engine oil consumption diagnosis.

Oil consumption

If the owner complains of high oil consumption, they should be advised that Honda considers 1500km or more kilometers per litre of oil to be an acceptable consumption figure within the New Car Limited warranty.

Oil consumption may increase with age and mileage due to normal engine wear.

If excessive oil consumption is suspected, the car should be subjected to an oil consumption test.

Note; Excessive oil consumption can be related to several customer induced factors.

Example; High engine speed, oil grade/quality, oil contamination (ex; fuel, water) and engine modifications.

Oil consumption test procedure

Note;

This test requires the use of genuine Honda bottled oil. Bulk or other brand oils are not acceptable for testing purposes.

In order to perform an accurate oil consumption test, the engine must have at least 10 000km. This will allow for proper piston ring sealing.

1. Drain and refill the crankcase with 1 litre less than recommended fill specification, using genuine Honda bottled oil.

2. Run engine several minutes and park vehicle on a level surface. Shut engine off and allow the oil to drain back to pan for 20 minutes.
3. Verify that the oil level is at the 'ADD' mark on the dipstick. If the level is not at the 'ADD' mark, scribe a new 'ADD' mark on the dipstick.



4. Add the remaining litre of oil to the engine. Note the odometer reading at this time.

Return the vehicle to the customer. Advise the customer to verify the oil level daily, preferably with engine cold, vehicle parked on a level surface. The customer should not add any oil to the engine. When the oil level reaches the 'ADD' mark, return the vehicle to the dealership for verification.

The dealer should confirm that the oil level is at the 'ADD' mark, after having allowed sufficient oil drain back time (approximately 20 minutes).

If the oil level is at the 'ADD' mark, note the odometer reading. Calculate the total mileage traveled since the start of the consumption test. The total equals the KM per litre of oil used.

Oil consumption worksheet:

Dealer _____ Technician _____

[illegible]

Began test _____KM Ended test _____KM Total KM per litre of oil _____ KM per litre

