# Lesson 1 Vehicle Repairs

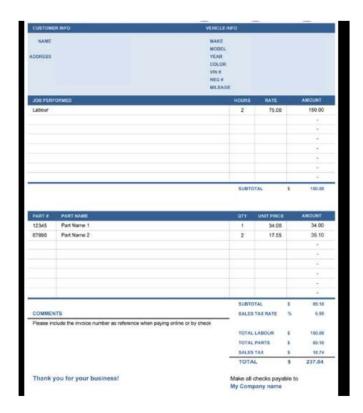


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# **Lesson 1 Vehicle Repairs**

A major cost associated with owning a vehicle can be the cost of repairs if the warranty has expired.

#### Sample repair bill



# **Calculating A Vehicle Repair Bill**

- 1.)Cost of parts/materials
- 2.)Cost of Labour (hourly rate x number of hours)
- 3.)Sub-total
- 4.) Taxes on Sub-Total (PST 7%, GST 5%)
- 5.) Total (Sub-total plus taxes)

## Example 1

David takes his vehicle to a garage to have the oil changed and suspension repaired. The charge for labour is \$125 per hour. Use the information in the table to calculate the total cost of the repair bill.

Service	Cost of Parts/Supplies	Hours of Labour Required
Oil change	\$18	0.5
Suspension repair	+ \$227	+ 1.75
	\$ a45	2.25 hrs

\* Note:
Taxes are usually
calculated
separately
PST 7% (sub-total × 0.05)
GST 5% (sub-total × 0.05)

## Example 2

Grace needs a new muffler at a cost of \$218 and transmission repairs with a cost of \$575 for parts. If it takes 0.5 hours to repair the muffler and 2.5 hours to repair the transmission, calculate the total cost of the repair bill. If the cost of labour is \$1/8/hr.