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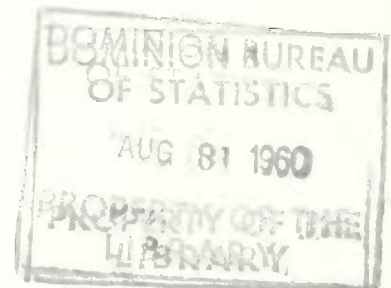
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CANADA

# THE MOTOR VEHICLE PARTS INDUSTRY 1958



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## PUBLICATIONS

The results of the annual Census of Industry are published by the Dominion Bureau of Statistics in a series of industry reports which are released each year as the compilations are completed. Reports for industries in the **Transportation Equipment** Major Group are listed below, along with current and annual publications of related interest. Similar reports are issued for other industries. A complete catalogue of publications of the Bureau is available on request from the Information Services Division, Dominion Bureau of Statistics, Ottawa, or from the Queen's Printer, Ottawa.

A — Annual

M — Monthly

| Catalogue<br>number | Title  | Price |
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## EXPLANATORY NOTES

This report is one in a series of about 130 publications which present the results of the 1958 Census of Manufactures. Most reports in this series refer to specific industries, but there are summary reports for Canada and the provinces and for major industry groups. An annual Census of Manufactures has been carried out by the Dominion Bureau of Statistics since 1916.

Industry statistics given in these reports refer to number of establishments, employees, salaries and wages, cost of materials, supplies, fuel and electricity, gross value of shipments, inventories and value added by manufacturing. Details of materials used and products shipped are also given. Descriptions of the principal industry statistics, with special reference to 1958, are as follows:

### Period Covered

Firms are asked to submit figures for the calendar year, if at all possible, and most reports are on this basis. Financial year reports for periods differing from the calendar year are accepted in instances where the firms find it impossible to supply calendar year data from accounting records. However the data on employees, salaries and wages are requested on a calendar year basis in all cases.

### Establishment

Data for the annual census is collected on an establishment basis. A firm with more than one plant is required to file a report for each plant. In most cases an establishment is a complete factory. Sometimes, however, a plant is divided into two or more establishments when it carries out operations classifiable to different industries and when separate accounting records are available. Usually the statistics for an establishment relate only to the manufacturing activities. Other activities such as construction at the plant by its own employees, wholesale or retail activities carried on at the plant location, etc., are not included. Plants engaged solely in repair work (except in the case of furniture, shipbuilding, boat building, aircraft and railway rolling stock industries) are not included but plants occupied in assembling parts into complete units are included.

### Employees

Administrative and office employees include all executives and supervisory officials such as presidents, vice-presidents, secretaries, treasurers, etc., together with managers, professional and technical employees, superintendents and factory supervisors above the working foremen level and clerical employees. Working owners and partners are also included in this category.

Production and related workers include all other factory workmen whether paid on a monthly, weekly, hourly or piece-work basis. Working foremen doing work similar to that of the employees they supervise are included, as are maintenance, warehousing and delivery staffs. Employees on new construction work, in retail or wholesale operations, on outside piece work etc., are not included.

Production workers are reported by months, an average for the year being obtained by summing the monthly figures and dividing by twelve. This procedure is followed even though the plant did not operate in all months. Figures on employment refer to calendar years whether or not some establishments reported other data on a financial year basis.

### Salaries and Wages

Salaries and wages refer to gross earnings of the employees described above, including salaries, wages, commissions, bonuses, the value of room and board where provided, deductions for income tax and social services such as sickness and unemployment insurance, pensions, etc., as well as any other allowances forming part of the employees' wages. Payments for overtime are included.

Salaries refer to amounts paid to administrative and office employees. Withdrawals by working owners or partners for normal living expenses for self and family are included but not their withdrawals for income tax. Wages refer to the amounts paid to production and related workers as defined above. Data on earnings refer to the calendar year whether or not some establishments reported other data on a financial year basis.

### Cost of Fuel and Electricity

Figures for fuel refer to amounts actually used, (including fuel used in cars and trucks), not to purchases unless the quantities are the same. Values refer to the laid-down cost at the works, including freight, duty, etc.

### Materials and Supplies Used

Figures represent quantities and laid-down cost values, at the works, of materials and supplies actually used during the year whether purchased from others or received as transfers from other plants of the reporting company. Amounts paid to other manufacturers for work done on materials owned by the reporting company are included. Returnable containers or any other items charged to capital account are not included. Fuels are not included. Goods bought from others or received as transfers from other plants of reporting companies



for resale without further processing are not included. Maintenance and repair supplies not chargeable to capital account are included.

### Factory Shipments

Factory shipments refer to shipments of goods made from own materials either in the reporting plant or by other manufacturers on the basis of a charge to the reporting plant for work done. All products and by-products shipped from the establishment are included whether for domestic use, export, or for government departments. Transfer shipments to sales outlets, distributing warehouses or to other manufacturing units of the reporting firm are included. Goods bought or received as transfers and resold without further processing are not included. Values are computed on f.o.b. plant or plant warehouse basis, and do not include sales tax or excise duties. Values of containers not returnable are included. Amounts received in payment for work done on materials owned by others are included.

In a few industries such as shipbuilding, aircraft, etc., where work on principal products extend over a relatively long period, the value of production is recorded rather than the value of shipments. For those industries production is computed from the value of deliveries of complete units during the year plus the value of work done during the year on unfinished units less the value of work done in previous years on finished units delivered in the year under review.

### Inventories

Values represent the book values of manufacturing inventories owned and held at the reporting plant. Figures include inventories held in warehouses or selling outlets which have been included with plant operations for purposes of reporting shipments.

### Value Added by Manufacturing

Figures are computed from value of shipments plus or minus changes in inventories of finished

goods and goods in process less cost of materials, fuel and electricity. This figure is sometimes referred to as net production.<sup>1</sup>

### Standard Industrial Classification

The Standard Industrial Classification Manual, prepared by the Dominion Bureau of Statistics, provides for 135 three-digit industries in the manufacturing sector, arranged in 17 major groups. Reporting establishments are classified or allotted to specific industries on the basis of the value of principal products made or shipped.

### Short Forms

Prior to 1949 all manufacturing firms, regardless of size, were required to complete a standard form annually covering all census details, but for later years an effort was made to ease the reporting burden for smaller firms which usually do not maintain regular records in the required detail. A modified or short form was introduced in 1949 asking for the total value of shipments only, or in industries with a large number of small firms, for total value of shipments and quantities and values of a few principal products. Using the ratio of value of shipments in the current year to value of shipments in the base year, 1948, estimates of other census data were made for each plant for inclusion in the regular compilations. In general, the cut-off point for short forms was set at \$50,000 gross value of shipments annually, but there were lower cut-offs for a number of industries in which the small firms accounted for a larger share of total shipments. About 40 per cent of the total number of establishments reported on the modified or short form. They accounted for less than 3 per cent of the total value. In 1958, to establish a new base year, the small firms were again asked to report data on employees, salaries and wages, and other principal statistics together with some detail on material and products.

<sup>1</sup> To arrive at the National Accounts concept of "gross domestic product at factor cost", it would be necessary to subtract also the cost of office supplies used, advertising, insurance and other goods and services obtained from other businesses. Data on these inputs are not collected on the annual Census of Manufactures. Value added figures for "The primary industries and construction" are published in D.B.S. publication 61-202, *Survey of Production*.

### SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.

# THE MOTOR VEHICLE PARTS INDUSTRY

1958

The Motor Vehicle Parts Industry is a division of the Transportation Group and statistics for the industry, as presented in this bulletin, cover only the factories which made metal parts and accessories as their chief products. Parts, such as tires, batteries, brake linings, etc., which were made in other industries, are not covered by this report except in the supplementary summary of the total output of parts from all industries (Table 5). Other automobile materials, such as lacquers, upholstering, etc., are not mentioned at all as the Bureau has no separate record of the output of these articles for automobile use. Data given in tables 1 to 4, 7 to 11 and 13-14, therefore, refer only to the manufacture of motor vehicle parts of iron and steel, while Table 5 summarizes the total production of parts of all kinds as specified separately on the Census of Industry reports. Table 6 is a special tabulation on trailers.

Two hundred and six establishments were included in the Motor Vehicle Parts Industry in 1958, distributed, by provinces, as follows: Ontario, 120; Quebec 30; Alberta, 18; British Columbia, 17; Manitoba, 13; Nova Scotia, 4; Nova Scotia and Saskatchewan, with 2 each. Factory shipments from these plants were valued at \$295,741,107, a decrease of 6.3 per cent from the total of \$315,395,590 in 1957.

In 1958 this industry afforded employment to a total of 18,132 people who were paid \$77,730,771 in salaries and wages, while in the previous year there were 20,426 workers with earnings of \$82,943,875.

Among the products made by firms in this industry were: automobile engines, bodies, differentials, transmissions, radiators, spark plugs, self-starters, axles, piston rings, wheels, laminated glass, trailers, springs, bumpers, tire valves, steering gears, hubs, lubricating systems, etc. Many of these parts were made by only one or two plants in Canada, so production figures for such items cannot be published separately. Table 3 shows output figures in as much detail as is possible for this industry.

Total production of specified parts and accessories from all industries, including tires, batteries, radios, etc., amounted to \$496,259,000 in 1958 compared with \$521,700,000 in 1957. Details are listed in table 5.

**Note:** Due to lack of inventory data, figures for value added by manufacture prior to 1954 were obtained by subtracting the cost of materials used, including fuel and electricity, from the total value of factory shipments. In 1954 and 1955 the "Value added" adjustment incorporated the increase or decrease to shipments values resulting from changes in the value of inventories over the period. For these two years, the adjustments that were made used only the change in finished product inventory owned by manufacturers. Beginning with 1956 the calculation of the "Value added" figure was further adjusted to take into account the "Goods in process" as well as the finished goods held at plant or plant warehouse.

**TABLE 1. Principal Statistics of the Motor Vehicle Parts Industry, Significant Years 1929-38, and by Provinces, 1957 and 1958**

| Year and province      | Estab-<br>lish-<br>ments | Em-<br>ployees | Salaries<br>and<br>wages | Cost of<br>fuel and<br>electricity<br>at works | Cost at<br>plant of<br>materials<br>used | Value<br>added by<br>manufacture <sup>1</sup> | Gross<br>selling<br>value of<br>products <sup>1</sup> |
|------------------------|--------------------------|----------------|--------------------------|--|--|---|---|
|                        | number                   |                | dollars                  |  |  |   |   |
| 1929 .....             | 65                       | 4,708          | 6,711,434                | 337,564  | 19,045,836                               | 12,581,678                                    | 31,965,078  |
| 1932 .....             | 76                       | 3,832          | 3,874,618                | 343,810  | 5,970,954                                | 5,846,692                                     | 12,161,456  |
| 1937 .....             | 88                       | 8,416          | 10,358,098               | 849,963  | 26,631,014                               | 19,150,666                                    | 46,631,643  |
| 1939 .....             | 97                       | 8,119          | 9,846,641                | 798,947  | 19,714,235                               | 18,198,625                                    | 38,711,807  |
| 1942 .....             | 101                      | 21,010         | 37,011,834               | 2,052,005                                      | 112,061,012                              | 70,386,482                                    | 184,499,499   |
| 1946 .....             | 124                      | 15,348         | 27,808,618               | 1,659,068                                      | 43,519,483                               | 48,250,348                                    | 93,428,899  |
| 1949 .....             | 150                      | 17,898         | 45,662,602               | 2,354,797                                      | 88,040,691                               | 81,194,554                                    | 171,590,042   |
| 1954 .....             | 180                      | 18,363         | 65,540,443               | 3,810,974                                      | 122,691,526                              | 112,253,910                                   | 239,108,407   |
| 1955 .....             | 188                      | 19,996         | 74,581,239               | 3,981,718                                      | 149,004,157                              | 130,778,716                                   | 285,070,612   |
| 1956 .....             | 198                      | 21,471         | 82,361,857               | 4,607,091                                      | 177,584,923                              | 154,511,216                                   | 329,525,120   |
| 1957                   |                          |                |                          |  |  |   |   |
| Nova Scotia .....      | 3                        | 27             | 66,878                   | 3,222  | 95,166                                   | 82,601  | 188,454   |
| New Brunswick .....    | 2                        |                |                          |  |  |   |   |
| Quebec .....           | 30                       | 496            | 1,694,224                | 112,800  | 2,412,720                                | 2,582,200                                     | 5,066,062   |
| Ontario .....          | 116                      | 18,880         | 77,414,259               | 4,397,203                                      | 156,667,176                              | 134,588,677                                   | 298,080,218   |
| Manitoba .....         | 12                       | 349            | 1,110,088                | 47,303   | 1,377,344                                | 2,772,154                                     | 3,950,759   |
| Saskatchewan .....     | 4                        | 14             | 47,717                   | 3,376  | 27,995                                   | 83,328  | 117,840   |
| Alberta .....          | 19                       | 351            | 1,275,494                | 47,732   | 1,758,348                                | 1,879,229                                     | 3,719,126   |
| British Columbia ..... | 19                       | 309            | 1,335,215                | 58,223   | 1,973,221                                | 2,255,077                                     | 4,273,131   |
| <b>Canada .....</b>    | <b>205</b>               | <b>20,426</b>  | <b>82,943,875</b>        | <b>4,669,859</b>                               | <b>164,311,970</b>                       | <b>144,243,266</b>                            | <b>315,395,590</b>                                    |
| 1958                   |                          |                |                          |  |  |   |   |
| Nova Scotia .....      | 4                        | 41             | 94,167                   | 5,838  | 105,288                                  | 151,781                                       | 260,867   |
| New Brunswick .....    | 2                        |                |                          |  |  |   |   |
| Quebec .....           | 30                       | 457            | 1,580,643                | 103,023  | 2,609,410                                | 2,801,062                                     | 5,531,411   |
| Ontario .....          | 120                      | 16,730         | 72,697,592               | 4,118,157                                      | 148,341,510                              | 125,378,377                                   | 279,562,626   |
| Manitoba .....         | 13                       | 314            | 1,068,650                | 43,752   | 1,242,954                                | 1,772,282                                     | 3,189,742   |
| Saskatchewan .....     | 2                        | 330            | 1,163,006                | 48,836   | 1,793,734                                | 1,473,085                                     | 3,356,364   |
| Alberta .....          | 18                       |                |                          |  |  |   |   |
| British Columbia ..... | 17                       | 260            | 1,126,713                | 55,242   | 1,828,192                                | 1,900,223                                     | 3,840,097   |
| <b>Canada .....</b>    | <b>206</b>               | <b>18,132</b>  | <b>77,730,771</b>        | <b>4,374,848</b>                               | <b>155,921,088</b>                       | <b>133,476,810</b>                            | <b>295,741,107</b>                                    |

<sup>1</sup> See note to text.

**Note:** Profits or losses cannot be calculated from the above figures as data are not available for general expense items, such as interest, rent, depreciation, taxes, insurance, advertising, etc.

**TABLE 2. Inventories,<sup>1</sup> 1958**

|                                     | Raw<br>materials<br>and supplies | Goods in<br>process | Finished<br>goods of own<br>manufacture | Total             |
|-------------------------------------|----------------------------------|---------------------|---|-------------------|
|                                     | dollars                          |                     |   |                   |
| Opening:                            |                                  |                     |   |                   |
| Nova Scotia and New Brunswick ..... | 29,698                           | 900                 | —                                       | 30,598            |
| Quebec .....                        | 460,578                          | 89,950              | 168,026                                 | 718,554           |
| Ontario .....                       | 24,621,416                       | 13,954,584          | 12,185,376                              | 50,761,376        |
| Manitoba .....                      | 463,626                          | 199,809             | 303,726                                 | 967,161           |
| Saskatchewan and Alberta .....      | 410,719                          | 87,746              | 220,871                                 | 719,336           |
| British Columbia .....              | 411,484                          | 107,108             | 182,751                                 | 701,343           |
| <b>Canada .....</b>                 | <b>26,397,521</b>                | <b>14,440,097</b>   | <b>13,060,750</b>                       | <b>53,898,368</b> |

See footnote at end of table.



TABLE 2. Inventories,<sup>1</sup> 1958 — Concluded

|                                     | Raw materials and supplies | Goods in process    | Finished goods of own manufacture | Total               |
|-------------------------------------|----------------------------|---------------------|-----------------------------------|---------------------|
|                                     | dollars                    |                     |                                   |                     |
| Closing:                            |                            |                     |                                   |                     |
| Nova Scotia and New Brunswick ..... | 28, 103                    | 2, 940              | —                                 | 31, 043             |
| Quebec .....                        | 562, 962                   | 170, 594            | 69, 466                           | 803, 022            |
| Ontario .....                       | 21, 148, 989               | 13, 744, 536        | 10, 670, 842                      | 45, 564, 367        |
| Manitoba .....                      | 441, 865                   | 159, 774            | 213, 007                          | 814, 646            |
| Saskatchewan and Alberta .....      | 447, 988                   | 96, 057             | 171, 851                          | 715, 896            |
| British Columbia .....              | 367, 147                   | 86, 784             | 146, 635                          | 600, 566            |
| <b>Canada .....</b>                 | <b>22, 997, 054</b>        | <b>14, 260, 685</b> | <b>11, 271, 801</b>               | <b>48, 529, 540</b> |

<sup>1</sup> (a) Book value of all manufacturing inventories owned and held at plant and plant warehouses.

(b) Beginning with 1954, information on the value of year-end inventory holdings at plant and plant warehouses is being collected as part of the annual Census of Industry. These data were formerly collected by a separate survey. The summarized results for the Motor Vehicle Parts Industry for the year under review are shown in the above table.

(c) The opening inventory for 1958 does not necessarily agree with the closing inventory for 1957, because of the addition of new plants, the transfer of plants to other industries and plants going out of business, etc. However, the value added figures for the previous year have not been recalculated to allow for the changes mentioned above.

TABLE 3. Products Made in the Motor Vehicle Parts Industry, 1957 and 1958

| Product                                     | 1957         |                            | 1958         |                            |
|---|--------------|----------------------------|--------------|----------------------------|
|   | Quantity     | Value of factory shipments | Quantity     | Value of factory shipments |
|   | No.          | \$                         | No.          | \$                         |
| Axles and axle shafts .....                 | ..           | 4, 821, 284                | ..           | 3, 996, 654                |
| Battery cables and ground straps .....      | ..           | 453, 516                   | ..           | 534, 634                   |
| Bodies and cabs (see Table 5.) .....        | ..           | 16, 500, 957               | ..           | 16, 144, 167               |
| Brakes and parts .....                      | ..           | 5, 060, 042                | ..           | 4, 482, 961                |
| Bumpers and bumperettes .....               | ..           | 11, 796, 375               | ..           | 10, 223, 819               |
| Hardware, automobiles .....                 | ..           | 4, 857, 477                | ..           | 4, 706, 599                |
| Heaters (car and engine block) .....        | ..           | 4, 690, 157                | ..           | 2, 634, 192                |
| Headlights and parts .....                  | ..           | 2, 900, 542                | ..           | 2, 852, 500                |
| Oil filters and elements .....              | ..           | 5, 692, 671                | ..           | 6, 304, 508                |
| Pistons .....                               | ..           | 1, 208, 071                | ..           | 1, 211, 878                |
| Piston rings .....                          | 21, 900, 324 | 3, 140, 766                | 19, 788, 893 | 3, 028, 105                |
| Radiators, complete .....                   | 285, 879     | 4, 720, 149                | 241, 632     | 3, 653, 169                |
| Radiator cores .....                        | ..           | 2, 227, 820                | ..           | 1, 798, 620                |
| Spark plugs .....                           | 30, 846, 665 | 8, 896, 504                | 31, 668, 303 | 9, 256, 510                |
| Springs, auto chassis (flat and coil) ..... | ..           | 10, 205, 620               | ..           | 8, 026, 140                |
| Other automobile parts <sup>1</sup> .....   | ..           | 162, 412, 779              | ..           | 150, 647, 413              |
| Trailers (see Table 6.) .....               | ..           | 29, 188, 247               | ..           | 28, 880, 965               |
| Received for custom work and repairs .....  | ...          | 5, 049, 769                | ...          | 5, 896, 470                |
| All other products <sup>2</sup> .....       | ...          | 31, 572, 844               | ...          | 31, 461, 803               |
| <b>Totals .....</b>                         | <b>...</b>   | <b>315, 395, 590</b>       | <b>...</b>   | <b>295, 741, 107</b>       |

<sup>1</sup> Includes products reported by less than 3 firms, such as engines, ignition coils, differentials, transmissions, wheels, windshields, steering gears, clutches, generators, distributors, etc.

<sup>2</sup> Includes iron castings, chain, oil burners, electric motors, etc.

Note: Data given in the above table are for the Motor Vehicle Parts Industry, which includes only the concerns that manufactured metal auto parts as their chief products. Figures for the individual items do not necessarily represent the total output for Canada as there may also have been an output by concerns classified to other industrial groups. For totals for Canada see Table 5.

TABLE 4. Materials Used in the Motor Vehicle Parts Industry, 1957 and 1958

| Material  | 1957              |                 | 1958      |                 |
|---|-------------------|-----------------|-----------|-----------------|
|   | Quantity          | Cost at works   | Quantity  | Cost at works   |
|   | No.               | \$              | No.       | \$              |
| <b>Iron and steel:</b>  |                   |                 |           |                 |
| Castings:   |                   |                 |           |                 |
| Iron .....  | ton 11,018        | 3,102,092       | 8,094     | 2,441,896       |
| Steel .....   | " 2,939           | 518,640         | 3,887     | 696,260         |
| Pig iron .....  | " 31,149          | 1,940,825       | 28,379    | 1,807,177       |
| Bars and rods, steel .....  | " 43,582          | 8,275,904       | 37,252    | 6,756,765       |
| Plates, steel .....   | " 16,279          | 2,481,402       | 14,096    | 2,380,718       |
| Sheets:   |                   |                 |           |                 |
| Black .....   | " 43,795          | 6,491,810       | 38,537    | 5,961,950       |
| Galvanized .....  | " 6,890           | 1,050,564       | 6,091     | 1,037,167       |
| Tinplate .....  | " 794             | 144,175         | 472       | 92,885          |
| Strip, steel .....  | " 21,822          | 3,427,176       | 19,240    | 3,324,730       |
| Structural shapes .....   | " 6,694           | 968,364         | 7,314     | 1,203,511       |
| Wire .....  | " 4,696           | 977,005         | 3,361     | 710,770         |
| Alloy steel in all forms:   |                   |                 |           |                 |
| Stainless:  |                   |                 |           |                 |
| Billets, bars and rods .....  | ..                | 396,421         | ..        | 416,289         |
| Other .....   | ..                | 743,202         | ..        | 1,130,956       |
| Other alloy and tool steel (including carbon, alloy and high speed steels): |                   |                 |           |                 |
| Billets, bars and rods .....  | ..                | 6,039,358       | ..        | 5,667,346       |
| Other .....   | ..                | 515,400         | ..        | 382,159         |
| Scrap iron and steel .....  | ton 61,269        | 3,134,230       | 57,412    | 2,453,741       |
| Iron and steel pipe, tubing and fittings .....                              | ..                | 2,241,287       | ..        | 2,438,850       |
| Other iron and steel .....  | ..                | 5,385,792       | ..        | 4,936,308       |
| <br>Ferro-alloys .....  | ..                | 244,061         | ..        | 312,162         |
| <br><b>Non-ferrous metals:</b>  |                   |                 |           |                 |
| Aluminum:   |                   |                 |           |                 |
| Castings .....  | pound 1,192,850   | 797,174         | 948,780   | 528,492         |
| Sheet .....   | " 1,879,556       | 776,985         | 2,505,949 | 1,157,753       |
| Other forms .....   | " 3,734,192       | 1,143,098       | 3,273,170 | 968,987         |
| Brass and bronze .....  | " 7,631,103       | 3,023,316       | 6,643,025 | 2,461,953       |
| Copper:   |                   |                 |           |                 |
| Sheet .....   | " 1,693,867       | 760,001         | 1,425,753 | 603,868         |
| Wire .....  | " 3,841,952       | 1,970,112       | 3,906,648 | 1,803,923       |
| Other forms .....   | " 2,320,710       | 1,099,623       | 1,772,303 | 821,076         |
| Lead .....  | " 161,271         | 36,024          | 104,014   | 17,229          |
| Nickel .....  | " 1,046,742       | 819,431         | 828,335   | 656,874         |
| Tin .....   | " 345             | 381             | 73        | 85              |
| Zinc .....  | " 3,922,238       | 704,874         | 2,780,102 | 495,529         |
| Babbitt metals and solders .....  | " 1,092,454       | 494,771         | 997,816   | 422,683         |
| Other non-ferrous metals .....  | ...               | 31,679          | ...       | 28,867          |
| <br><b>Other materials:</b>   |                   |                 |           |                 |
| Paints, oils and varnishes .....  | ...               | 817,636         | ...       | 815,853         |
| Foundry coke for cupola use .....   | ton 15,495        | 478,380         | 13,479    | 430,113         |
| Foundry sands .....   | " 28,435          | 100,485         | 24,149    | 73,817          |
| Plumbago and graphite .....   | pound 179,707     | 17,294          | 243,560   | 21,732          |
| Lumber .....  | M ft. b.m. 15,951 | 2,199,780       | 15,321    | 2,091,155       |
| Firebrick and cupola blocks .....   | ..                | 26,382          | ..        | 24,751          |
| Fireclay .....  | ..                | 61,249          | ..        | 56,231          |
| Core oil .....  | Imp. gal. 80,091  | 79,060          | 66,926    | 65,740          |
| Shipping containers .....   | ..                | 1,891,261       | ..        | 1,762,944       |
| Sulphuric acid, 100% .....  | pound ..          | ..              | 290,456   | 9,667           |
| All other material .....  | ...               | 98,905,266      | ...       | 96,550,104      |
| <br><b>Totals .....</b>   | <br>...           | <br>164,311,970 | <br>...   | <br>155,921,088 |



**TABLE 5. Factory Shipments of Specified Motor Vehicle Parts and Accessories, from All Industries, 1957 and 1958**

**Note:** Figures given in this table represent the total reported Canadian factory shipments of the commodities listed, regardless of the industry in which produced.

| Item  | 1957      |                            | 1958      |                            |
|---|-----------|----------------------------|-----------|----------------------------|
|   | Number    | Value of factory shipments | Number    | Value of factory shipments |
|   |           | \$                         |           | \$                         |
| Axles and axle shafts .....   | —         | 4,821,000                  | —         | 3,997,000                  |
| Batteries, storage (for autos) .....                                      | 2,253,000 | 23,494,000                 | 2,216,280 | 21,149,000                 |
| Truck bodies and cabs:  |           |                            |           |                            |
| Dump bodies with hoists: .....  | 2,559     | 2,714,000                  |           |                            |
| Dump bodies only .....  | 2,715     | 1,634,000                  |           |                            |
| Hydraulic hoists .....  | 5,420     | 2,440,000                  |           |                            |
| Tailgate loaders .....  | 195       | 133,000                    |           |                            |
| Stake bodies .....  | 2,856     | 1,264,000                  | See below |                            |
| Pick-up or express bodies .....   | 374       | 541,000                    |           |                            |
| Van and delivery bodies .....   | 1,985     | 2,202,000                  |           |                            |
| Bus bodies .....  | 581       | 1,897,000                  |           |                            |
| Tank bodies .....   | 760       | 3,113,000                  |           |                            |
| All other truck bodies and cabs (passenger car bodies not included) ..... | ..        | 4,345,000                  |           |                            |
| Dump bodies (steel and aluminum, all types and sizes) ..                  |           |                            | 3,743     | 2,994,000                  |
| Hydraulic hoists (sold without bodies) .....                              |           |                            | 4,337     | 1,886,000                  |
| Tailgate loaders (all sizes and types) .....                              |           |                            | 212       | 173,000                    |
| Stake bodies, grain bodies and cattle bodies .....                        |           |                            | 2,572     | 1,165,000                  |
| Rear unit truck van bodies (steel and aluminum) .....                     |           |                            | 775       | 1,005,000                  |
| Delivery bodies (dairy, parcel etc., steel and aluminum)                  | See above |                            | 1,495     | 2,054,000                  |
| Bus bodies .....  |           |                            | 900       | 2,668,000                  |
| Tank bodies for trucks, all types .....                                   |           |                            | 772       | 4,311,000                  |
| Utility and service bodies (including tire and tow truck)                 |           |                            | 1,009     | 998,000                    |
| All other bodies .....  |           |                            | ..        | 1,585,000                  |
| Brakes and parts .....  | ..        | 5,934,000                  | ..        | 5,283,000                  |
| Brake linings, asbestos .....   | ..        | 3,582,000                  | ..        | 3,705,000                  |
| Bumpers and bumperettes .....   | ..        | 11,796,000                 | ..        | 10,224,000                 |
| Cable and wire assemblies .....   | ..        | 3,026,000                  | ..        | 2,779,000                  |
| Chains, tire .....  | ..        | 1,763,000                  | ..        | 1,561,000                  |
| Clutches .....  | ..        | 1                          | ..        | 1                          |
| Clutch facings, asbestos .....  | ..        | 812,000                    | ..        | 782,000                    |
| Coils, ignition .....   | ..        | 1                          | ..        | 1                          |
| Differentials .....   | ..        | 1                          | ..        | 1                          |
| Distributors .....  | ..        | 1                          | ..        | 1                          |
| Engines .....   | ..        | 1                          | ..        | 1                          |
| Engine valves .....   | ..        | 1                          | ..        | 1                          |
| Fan belts, rubber .....   | 1,450,000 | 986,000                    | 1,738,158 | 1,253,000                  |
| Generators .....  | ..        | 1                          | ..        | 1                          |
| Glass, laminated, etc. ....   | ..        | 1                          | ..        | 1                          |
| Hardware, auto .....  | ..        | 7,884,000                  | ..        | 7,225,000                  |
| Heaters, auto and engine, and defrosters .....                            | ..        | 3,750,000                  | ..        | 2,891,000                  |
| Headlights and parts .....  | ..        | 2,900,000                  | ..        | 2,852,000                  |
| Hub and drum assemblies .....   | ..        | 1                          | ..        | 1                          |

See footnote at end of table.

**TABLE 5. Factory Shipments of Specified Motor Vehicle Parts and Accessories, from All Industries, 1957 and 1958—Concluded**

| Item   | 1957       |                            | 1958       |                            |
|--|------------|----------------------------|------------|----------------------------|
|  | Number     | Value of factory shipments | Number     | Value of factory shipments |
|  |            | \$                         |            | \$                         |
| Lubricating systems .....  | ..         | 1                          | ..         | 1                          |
| Mufflers .....   | ..         | 1                          | ..         | 1                          |
| Oil filters and elements .....   | ..         | 5,693,000                  | ..         | 6,305,000                  |
| Pistons .....  | ..         | 1,208,000                  | ..         | 1,212,000                  |
| Piston rings, expanders, etc. ....                                       | ..         | 3,207,000                  | ..         | 3,108,000                  |
| Propeller drive shafts and universal shafts .....                        | ..         | 1                          | ..         | 1                          |
| Radiators, complete .....  | 286,000    | 4,720,000                  | 242,000    | 3,653,000                  |
| Radiator cores .....   | ..         | 2,228,000                  | ..         | 1,799,000                  |
| Radios for automobiles .....   | 242,000    | 8,140,000                  | 231,000    | 7,740,000                  |
| Shock absorbers .....  | ..         | 1                          | ..         | 1                          |
| Spark plugs .....  | 30,847,000 | 8,897,000                  | 31,668,000 | 9,257,000                  |
| Springs, chassis .....   | ..         | 10,205,000                 | ..         | 8,026,000                  |
| Starters .....   | ..         | 1                          | ..         | 1                          |
| Steering gear assemblies .....   | ..         | 1                          | ..         | 1                          |
| Tie rods .....   | ..         | 1                          | ..         | 1                          |
| Tires (casings and tubes) .....  | ..         | 166,579,000                | ..         | 161,870,000                |
| Tire flaps and tire flap material .....                                  | ..         | 637,000                    | ..         | 469,000                    |
| Tire valves and parts .....  | ..         | 1                          | ..         | 1                          |
| Transmissions .....  | ..         | 1                          | ..         | 1                          |
| Wheels .....   | ..         | 1                          | ..         | 1                          |
| Windshields .....  | ..         | 1                          | ..         | 1                          |
| Windshield wipers .....  | ..         | 1                          | ..         | 1                          |
| Parts (service) made in automobile factories .....                       | ...        | 49,257,000                 | ...        | 30,915,000                 |
| Other auto parts and supplies, not specified as to kind .....            | ...        | 62,584,000                 | ...        | 55,622,000                 |
| Value of products reported by only 1 or 2 firms as indicated above ..... | ...        | 110,214,000                | ...        | 123,437,000                |
| <b>Totals .....</b>  | <b>...</b> | <b>521,700,000</b>         | <b>...</b> | <b>496,259,000</b>         |

<sup>1</sup> Indicates that the production figures cannot be published separately as the commodity was reported by only 1 or 2 plants.

**TABLE 6. Factory Shipments of Trailers, 1957 and 1958 (from all Industries)**

| Type                      | 1957   |                            | 1958   |                            |
|---------------------------|--------|----------------------------|--------|----------------------------|
|                           | Number | Value of factory shipments | Number | Value of factory shipments |
|                           |        | \$                         |        | \$                         |
| Cabin or house type ..... | 3,693  | 12,862,814                 | 3,776  | 11,789,358                 |
| Commercial semi-trailers: |        |                            |        |                            |
| Stake type .....          | 1,119  | 5,248,666                  | 916    | 4,227,453                  |
| Van type .....            | 974    | 6,628,935                  | 1,374  | 9,234,944                  |
| Lowbed type .....         | 163    | 1,118,024                  | 180    | 1,181,571                  |
| Logging type .....        | 74     | 436,390                    | 80     | 473,716                    |
| Tank type .....           | 220    | 2,124,777                  | 202    | 2,063,224                  |
| Dump type .....           | 143    | 778,848                    | 200    | 1,005,046                  |
| Pole trailers .....       | 47     | 205,448                    | 35     | 155,773                    |
| Boat trailers .....       | 5,115  | 516,497                    | 7,233  | 781,928                    |
| All other trailers .....  | —      | 668,093                    | ..     | 841,025                    |

**TABLE 7. Principal Statistics of the Motor Vehicle Parts Industry, classified according to Type of Ownership, 1957 and 1958**

| Type                         | Estab-<br>lish-<br>ments | Em-<br>ployees | Salaries<br>and<br>wages | Cost of<br>fuel and<br>electricity | Cost at<br>plant of<br>materials<br>used | Selling<br>value of<br>factory<br>shipments |
|------------------------------|--------------------------|----------------|--------------------------|------------------------------------|--|---|
|                              | number                   |                | dollars                  |                                    |  |   |
| <b>1957</b>                  |                          |                |                          |                                    |  |   |
| Individual ownership .....   | 30                       | 163            | 446,341                  | 21,586                             | 632,427                                  | 1,274,363                                   |
| Partnerships .....           | 11                       | 94             | 311,736                  | 15,967                             | 510,202                                  | 1,084,262                                   |
| Incorporated .....           | 164                      | 20,169         | 82,185,798               | 4,632,306                          | 163,169,341                              | 313,036,965                                 |
| <b>Totals .....</b>          | <b>205</b>               | <b>20,426</b>  | <b>82,943,875</b>        | <b>4,669,859</b>                   | <b>164,311,970</b>                       | <b>315,395,590</b>                          |
| <b>1958</b>                  |                          |                |                          |                                    |  |   |
| Individual ownership .....   | 30                       | 186            | 506,654                  | 25,941                             | 731,411                                  | 1,522,003                                   |
| Partnerships .....           | 10                       | 74             | 232,965                  | 11,384                             | 507,428                                  | 898,742                                     |
| Incorporated companies ..... | 166                      | 17,872         | 76,991,152               | 4,337,523                          | 154,682,249                              | 293,320,362                                 |
| <b>Totals .....</b>          | <b>206</b>               | <b>18,132</b>  | <b>77,730,771</b>        | <b>4,374,848</b>                   | <b>155,921,088</b>                       | <b>295,741,107</b>                          |

**TABLE 8. Principal Statistics of the Motor Vehicle Parts Industry, grouped according to Value of Factory Shipments, 1957 and 1958**

| Establishments reporting a value<br>of factory shipments | Estab-<br>lish-<br>ments | Em-<br>ployees | Salaries<br>and<br>wages | Cost of<br>fuel and<br>electricity | Cost at<br>plant of<br>materials<br>used | Selling<br>value of<br>factory<br>shipments |
|--|--------------------------|----------------|--------------------------|------------------------------------|--|---|
|  | number                   |                | dollars                  |                                    |  |   |
| <b>1957</b>  |                          |                |                          |                                    |  |   |
| Under \$10,000 .....                                     | 11                       | 16             | 36,560                   | 2,318                              | 14,422                                   | 57,679                                      |
| \$10,000 to \$24,999 .....                               | 19                       | 60             | 163,115                  | 7,682                              | 116,908                                  | 340,676                                     |
| \$25,000 " \$49,999 .....                                | 21                       | 114            | 322,393                  | 20,340                             | 386,713                                  | 832,764                                     |
| \$50,000 " \$99,999 .....                                | 19                       | 172            | 533,165                  | 44,876                             | 581,303                                  | 1,393,538                                   |
| \$100,000 " \$199,999 .....                              | 24                       | 381            | 1,317,895                | 69,309                             | 1,642,766                                | 3,584,824                                   |
| \$200,000 " \$499,999 .....                              | 36                       | 985            | 3,453,697                | 172,976                            | 5,694,548                                | 11,650,039                                  |
| \$500,000 " \$999,999 .....                              | 25                       | 1,308          | 5,096,326                | 231,684                            | 10,351,791                               | 19,404,810                                  |
| \$1,000,000 " \$4,999,999 .....                          | 37                       | 5,676          | 21,027,833               | 971,706                            | 43,542,232                               | 85,660,096                                  |
| \$5,000,000 and over .....                               | 13                       | 11,667         | 50,752,451               | 3,148,968                          | 101,981,287                              | 192,471,164                                 |
| Head Offices .....                                       | —                        | 47             | 240,440                  | —                                  | —  | —   |
| <b>Totals .....</b>                                      | <b>205</b>               | <b>20,426</b>  | <b>82,943,875</b>        | <b>4,669,859</b>                   | <b>164,311,970</b>                       | <b>315,395,590</b>                          |
| <b>1958</b>  |                          |                |                          |                                    |  |   |
| Under \$10,000 .....                                     | 6                        | 14             | 31,112                   | 2,118                              | 14,132                                   | 49,372                                      |
| \$10,000 to \$24,999 .....                               | 11                       | 30             | 73,752                   | 4,910                              | 78,378                                   | 171,987                                     |
| \$25,000 " \$49,999 .....                                | 21                       | 96             | 274,661                  | 17,009                             | 285,855                                  | 739,728                                     |
| \$50,000 " \$99,999 .....                                | 23                       | 214            | 677,557                  | 34,405                             | 751,185                                  | 1,661,029                                   |
| \$100,000 " \$199,999 .....                              | 33                       | 478            | 1,619,472                | 88,560                             | 1,995,919                                | 4,472,446                                   |
| \$200,000 " \$499,999 .....                              | 34                       | 851            | 3,000,538                | 145,605                            | 5,459,059                                | 10,649,961                                  |
| \$500,000 " \$999,999 .....                              | 23                       | 1,190          | 4,684,288                | 202,880                            | 8,113,358                                | 15,630,525                                  |
| \$1,000,000 " \$4,999,999 .....                          | 43                       | 5,485          | 22,011,118               | 1,042,671                          | 44,043,909                               | 86,404,605                                  |
| \$5,000,000 and over .....                               | 12                       | 9,731          | 45,098,544               | 2,836,690                          | 95,179,293                               | 175,961,454                                 |
| Head Offices .....                                       | —                        | 43             | 259,726                  | —                                  | —  | —   |
| <b>Totals .....</b>                                      | <b>206</b>               | <b>18,132</b>  | <b>77,730,771</b>        | <b>4,374,848</b>                   | <b>155,921,088</b>                       | <b>295,741,107</b>                          |



**TABLE 9. Capital and Repair Expenditures in the Motor Vehicle Parts Industry, 1954-58**

| Year       | Capital expenditures |                         | Sub-total | Repair and maintenance expenditures |                         | Sub-total | Total capital and repair expenditures |
|------------|----------------------|-------------------------|-----------|-------------------------------------|-------------------------|-----------|---------------------------------------|
|            | Construction         | Machinery and equipment |           | Construction                        | Machinery and equipment |           |                                       |
|            | thousands of dollars |                         |           |                                     |                         |           |                                       |
| 1954 ..... | 2, 299               | 18, 091                 | 20, 390   | 927                                 | 5, 834                  | 6, 761    | 27, 151                               |
| 1955 ..... | 1, 104               | 5, 293                  | 6, 397    | 837                                 | 5, 811                  | 6, 648    | 13, 045                               |
| 1956 ..... | 3, 479               | 5, 784                  | 9, 263    | 926                                 | 6, 424                  | 7, 350    | 16, 613                               |
| 1957 ..... | 3, 222               | 7, 667                  | 10, 889   | 1, 050                              | 6, 553                  | 7, 603    | 18, 492                               |
| 1958 ..... | 1, 701               | 3, 647                  | 5, 348    | 920                                 | 6, 165                  | 7, 085    | 12, 433                               |

Note: Figures for the current year are preliminary.

**TABLE 10. Employees and their Earnings in the Motor Vehicle Parts Industry, 1957 and 1958**

| Province               | Employees              |        |                    |        |        | Earnings               |                    |            |
|------------------------|------------------------|--------|--------------------|--------|--------|------------------------|--------------------|------------|
|                        | Supervisory and office |        | Production workers |        | Total  | Supervisory and office | Production workers | Total      |
|                        | Male                   | Female | Male               | Female |        |                        |                    |            |
| 1957                   | number                 |        |                    |        |        | dollars                |                    |            |
| Quebec .....           | 72                     | 17     | 386                | 21     | 496    | 430,316                | 1,263,908          | 1,694,224  |
| Ontario .....          | 3,058                  | 1,049  | 12,746             | 2,027  | 18,880 | 21,081,077             | 56,333,182         | 77,414,259 |
| Manitoba .....         | 57                     | 17     | 224                | 51     | 349    | 328,080                | 782,008            | 1,110,088  |
| Saskatchewan .....     | 5                      | 1      | 8                  | —      | 14     | 22,149                 | 25,568             | 47,717     |
| Alberta .....          | 62                     | 19     | 268                | 2      | 351    | 352,098                | 923,396            | 1,275,494  |
| British Columbia ..... | 56                     | 12     | 241                | —      | 309    | 404,682                | 930,533            | 1,335,215  |
| Other provinces .....  | 4                      | 1      | 22                 | —      | 27     | 13,863                 | 53,015             | 66,878     |
| Canada .....           | 3,314                  | 1,116  | 13,895             | 2,101  | 20,426 | 22,632,265             | 60,311,610         | 82,943,875 |
| 1958                   |                        |        |                    |        |        |                        |                    |            |
| Quebec .....           | 67                     | 18     | 352                | 20     | 457    | 400,287                | 1,180,356          | 1,580,643  |
| Ontario .....          | 2,910                  | 962    | 11,102             | 1,756  | 16,730 | 21,164,107             | 51,533,485         | 72,697,592 |
| Manitoba .....         | 59                     | 16     | 210                | 29     | 314    | 342,034                | 726,616            | 1,068,650  |
| Alberta .....          | 46                     | 22     | 247                | 6      | 321    | 299,273                | 829,551            | 1,128,824  |
| British Columbia ..... | 56                     | 11     | 193                | —      | 260    | 351,872                | 774,841            | 1,126,713  |
| Other provinces .....  | 11                     | 3      | 36                 | —      | 50     | 39,962                 | 88,387             | 128,349    |
| Canada .....           | 3,149                  | 1,032  | 12,140             | 1,811  | 18,132 | 22,597,535             | 55,133,236         | 77,730,771 |

TABLE 11. Production Workers in the Motor Vehicle Parts Industry, by Months, 1958

| Month                      | Establishments reporting monthly detail <sup>1</sup> |        | Establishments not reporting monthly detail <sup>1</sup> |        | All establishments |        |        |
|----------------------------|--|--------|--|--------|--------------------|--------|--------|
|                            | Male   | Female | Male   | Female | Male               | Female | Total  |
|                            | number   |        |  |        |                    |        |        |
| January .....              | 11,739   | 1,790  |  |        |                    |        |        |
| February .....             | 11,805   | 1,837  |  |        |                    |        |        |
| March .....                | 11,982   | 1,800  |  |        |                    |        |        |
| April .....                | 12,406   | 1,775  |  |        |                    |        |        |
| May .....                  | 12,862   | 1,832  | 232  | 21     | 13,094             | 1,853  | 14,947 |
| June .....                 | 12,725   | 1,778  |  |        |                    |        |        |
| July .....                 | 10,032   | 1,313  |  |        |                    |        |        |
| August .....               | 10,296   | 1,531  |  |        |                    |        |        |
| September .....            | 11,870   | 1,773  |  |        |                    |        |        |
| October .....              | 12,147   | 1,915  |  |        |                    |        |        |
| November .....             | 12,459   | 2,010  |  |        |                    |        |        |
| December .....             | 12,590   | 2,144  |  |        |                    |        |        |
| Average <sup>2</sup> ..... |  |        |  |        | 12,140             | 1,811  | 13,951 |

<sup>1</sup> The number of production workers, by months, was generally collected only for establishments reporting value of shipments of \$100,000 and over. For smaller establishments, only the number employed during the last pay period of May, 1958 was collected.

<sup>2</sup> The average for establishments generally reporting shipments of less than \$100,000 was estimated by using average annual earnings data from the large establishments in conjunction with reported payrolls for the small establishments.

TABLE 12. Imports and Exports of Specified Motor Vehicle Parts, 1957 and 1958

|  | 1957        | 1958        |
|--|-------------|-------------|
|  | dollars     |             |
| Imports  |             |             |
| Parts of bodies for motor buses, electric trackless trolley buses, motor ambulances and hearses, as enumerated in tariff, item 4381 .....  | 6,452,791   | 5,684,630   |
| Front and rear axles, brakes, clutches, steering gears, magnetos, rims for pneumatic tires, transmission assemblies, drive shafts, universal joints, steel road wheels and parts, of a class or kind not made in Canada, all for the manufacture of motor trucks, buses and trackless trolley buses or for the manufacture of chassis for same ..... | 20,291,071  | 17,891,096  |
| Automobile parts, n.o.p. ....  | 233,331,616 | 216,949,877 |
| Automobile and motor vehicle engines, stripped, n.o.p., and complete parts thereof, n.o.p. ....  | 12,823,585  | 11,956,598  |
| Engines, internal combustion, and parts, of a class not made in Canada, for the manufacture of motor trucks and motor truck chassis .....  | 9,938,925   | 8,006,288   |
| Annular ball bearings and parts, for the manufacture of motor vehicles .....   | 3,091,041   | 3,458,052   |
| Asbestos brake linings for automobiles, motor vehicles and chassis .....   | 432,495     | 503,086     |
| Asbestos clutch facings for automobiles, motor vehicles and chassis .....  | 329,426     | 324,907     |
| Exports  |             |             |
| Automobile parts:  |             |             |
| Canadian-made .....  | 12,961,553  | 13,085,760  |
| Foreign-made .....   | 3,463,517   | 2,425,296   |





## List of Firms in the Motor Vehicle Parts Industry, 1958

| Name                                       | Address                           |
|--|-----------------------------------|
| <b>Nova Scotia:</b>                        |                                   |
| Middle West Pubnico Builders .....         | Middle West Pubnico               |
| N.S. Body Building & Paint Works .....     | 166 Almon, Halifax                |
| Rolling Homes Ltd. ....                    | Deep Brook                        |
| Wilson Truck Body Shop .....               | Truro                             |
| <b>New Brunswick:</b>                      |                                   |
| Colpitts, W.R., Ltd. ....                  | Moncton                           |
| Saint John Spring Works .....              | 81 Thorne Ave., Saint John        |
| <b>Quebec:</b>                             |                                   |
| Armstrong Beverly Engineering Ltd. ....    | 6975 Jeanne Mance St., Montreal   |
| Atlas Hoist & Body Inc. ....               | 874 Wellington St., Montreal      |
| Auto Radiator Mfg. Limited .....           | 960 Plessis St., Montreal         |
| Automotive Spring Mfg. Co. Ltd. ....       | 1409 William St., Montreal        |
| Corbeil, J.H. ....                         | St. Lin                           |
| Dorchester Body Enr. ....                  | Ste. Clair                        |
| Drolet, Leon, et Fils Enrg. ....           | 483 Caron St., Quebec             |
| Eastern Spring Service .....               | 9359 Notre Dame St. E., Montreal  |
| Economy Carburetor Co. Ltd. ....           | 4232A Jean Talon St. E., Montreal |
| Electric & Gas Welding Co. Ltd., The ..... | 5701 de Normanville St., Montreal |
| Everite Automotive Radiators Ltd. ....     | 995 St. Dominique St., Montreal   |
| Fleet Truck Bodies Inc. ....               | 5760 Garnier St., Montreal        |
| Farrell Mfg. Co. ....                      | 1843 St. Antoine, Montreal        |
| Fleurent, Paul Emile .....                 | 2027 Ruelle Ontario, Montreal     |
| Gardner Trailer Limited .....              | 8650 Jeanne Mance St., Montreal   |
| Giard Ltée .....                           | 5474 St. Hubert St., Montreal     |
| Gosselin, Charles .....                    | Petite Matane                     |
| Heatex Limited .....                       | 740 St. Maurice St., Montreal     |
| Ideal Body Ltd. ....                       | 225 Blvd. St. Sacrement, Quebec   |
| La Boite de Camions Enrg. ....             | Ste-Marie-de-Beauce               |
| Lacoste Enrg. ....                         | 3550 Est Jarry, Ville St. Michel  |
| Lafond, F.X., Enrg. ....                   | 3701 St. James St. W., Montreal   |
| Lefebvie, Emile .....                      | St. Leonard de Pont Maurice       |
| Portelance, S., Enrg. ....                 | 42 Ste. Anne St., Point Claire    |
| Specialloid (Canada) Ltd. ....             | 29 Oka Road, St. Eustache         |
| Trailer Equipment Ltd. ....                | 826 Galt, Verdun                  |
| Truck Body Builders & Repairs Ltd. ....    | 1437 St. Louis, St. Laurent       |
| Truck Tank Service Co. ....                | 4255 Paul Pau, Montreal           |
| Western Filters Limited .....              | 372 boul. Ste-Croix, Montreal     |
| William, Denis .....                       | St. Hilaire Village               |
| <b>Ontario:</b>                            |                                   |
| Aimco Auto Parts Co. ....                  | 319 Dufferin St., Toronto         |
| Algoma Mfg. Tool & Die Ltd. ....           | 177 King St. W., Oshawa           |
| American Coleman of Canada Ltd. ....       | 955 Weston Rd., Toronto           |
| Appleby, D., & Co. of Canada Limited ..... | 18 Ingram Drive, Toronto          |
| Atom-Otive Products .....                  | 131 McCormack, Toronto            |
| Back, L., & Co. Ltd. ....                  | 159 De Grassie St., Toronto       |
| Banner Metal Products Ltd. ....            | 1696 Kildare Rd., Windsor         |

## List of Firms in the Motor Vehicle Parts Industry, 1958 — Continued

| Name  | Address                             |
|---|-------------------------------------|
| <b>Ontario — Continued:</b>                             |                                     |
| Beauchamp Truck Bodies .....                            | Hurdman's Bridge, Ottawa            |
| Bendix-Eclipse of Canada Limited .....                  | 1473 Argyle Rd., Windsor            |
| Bilrite Mobile Homes .....                              | R.R. No. 1, Sarnia                  |
| Blackstone Industries Products Ltd. ....                | Romeo St., Stratford                |
| Brantford Coach and Body Limited .....                  | 22 Mohawk St., Brantford            |
| Canadian Acme Screw & Gear Limited .....                | 207 Weston Rd., Toronto             |
| Canadian Blue Bird Coach Ltd. ....                      | Brantford                           |
| Canadian Motor Lamp Co., Ltd. ....                      | 2429 Seminole St., Windsor          |
| Canadian Radiator Mfg. Company Ltd. ....                | 267 Niagara St., Toronto            |
| Canadian Trailmobile Ltd. ....                          | 807 Pharmacy, Scarborough           |
| Canasco Products Ltd. ....                              | 1 Parnell Ave., Toronto             |
| Canmor Body & Trailer Co. Ltd. ....                     | 70 Grand Ave., Toronto              |
| Carrick's Auto Spring Repairs .....                     | 2002 Dundas St. W., Toronto         |
| Champion Spark Plug Co. of Canada Limited .....         | 1624 Howard Ave., Windsor           |
| Clevite Limited, The .....                              | 1177 Talbot St., St. Thomas         |
| Comco Stampings Ltd. ....                               | Uxbridge                            |
| Coulter Manufacturing Ltd. ....                         | 30 Richmond St. W., Oshawa          |
| Cozens Spring Service & Mfg. Co., Limited .....         | 157 Queen St. E., Toronto           |
| Dearborn Steel Tubing Co. (Canada) Ltd. ....            | 85 Newgate, Goderich                |
| Dill Manufacturing Company of Canada Limited, The ..... | 103 Bathurst St., Toronto           |
| Doerr, Geo. C., Truck & Trailer Co. ....                | 229 Breithaupt St., Kitchener       |
| Dominion Auto Accessories Ltd. ....                     | 420 Keele St., Toronto              |
| Dominion Cable & Automotive Products .....              | 217-225 Richmond St. W., Toronto    |
| Donaldson Company (Canada) Ltd. ....                    | 277 William St. S., Chatham         |
| Eaton Automotive Products Ltd. ....                     | 450 Highbury Ave., London           |
| Elcombe Engineering Limited .....                       | 3327 Russell St., Windsor           |
| Elder, Robert, Limited .....                            | 26 Soho St., Toronto                |
| Electric Auto-Lite Limited .....                        | Christina St. N., Sarnia            |
| Electroline Mfg. Co. Ltd. ....                          | 1305 Windsor Ave., Windsor          |
| Electronic Components Ltd. ....                         | Plastics Ave., Etobicoke            |
| Essco Stamping Products Ltd. ....                       | 444 Hanna St. E., Windsor           |
| Essex Wire Corporation Limited .....                    | 1664 Windsor Ave., Windsor          |
| Fabricated Metals & Stampings Ltd. ....                 | 249 Toronto Ave., Oshawa            |
| Felder Truck Body & Trailer Co. ....                    | 537 Frederick, Kitchener            |
| Fleetwood Metal Industries .....                        | 1801 Walker Rd., Windsor            |
| Flexo Mfg. Co. Ltd. ....                                | 474 Bathurst, Toronto               |
| Foreman Tank & Welding Co. Ltd. ....                    | Junction Rd., R.R.No. 5, St. Mary's |
| Fram Canada Ltd. ....                                   | Romeo St. S., Stratford             |
| Fruehauf Trailer Co. of Canada Ltd. ....                | 2450 Stanfield Rd., Dixie           |
| General Coach Works of Canada Ltd. ....                 | Hensall                             |
| General Motors of Canada Limited .....                  | Walkerville                         |
| Glasslyner Mufflers Ltd. ....                           | Elmira                              |
| Glendale Mobile Homes Ltd. ....                         | Queen St., Strathroy                |
| Goodwin Glass Industries Ltd. ....                      | 1052 Wyandotte St. W., Windsor      |
| Hastings Ltd. ....                                      | 390 Birchmount Rd., Toronto         |
| Hayes Steel Products Limited .....                      | Merritt St., Merritton              |
| Highway Trailers of Canada Ltd. ....                    | 77 Queen St. N., Etobicoke          |
| Hiller Mfg. Co. Ltd. ....                               | 2375 Edna, Windsor                  |
| Hollywood Homes (Windsor) Ltd. ....                     | 4100 Sandwich St. W., Windsor       |
| Houdaille Industries Ltd. ....                          | Wolfe & Simcoe St., Oshawa          |

## List of Firms in the Motor Vehicle Parts Industry, 1958 — Continued

| Name   | Address                             |
|--|-------------------------------------|
| <b>Ontario—Continued:</b>                                  |                                     |
| Howe, William, Industries Ltd. ....                        | 1358 Windsor Ave., Windsor          |
| Huron Steel Products Co. Ltd. ....                         | 3710 Peter St., Windsor             |
| Ingersoll Machine & Tool Co., Limited .....                | King St. W., Ingersoll              |
| International Formed Tubes Ltd. ....                       | 111 Manville Rd., Scarborough       |
| Karco Co. Ltd., The .....                                  | 938 Walker Rd., Windsor             |
| Kelsey Wheel Co. Ltd. ....                                 | 309 Ellis Ave. E., Windsor          |
| Kralinator Limited .....                                   | Montrose St., Preston               |
| Long Manufacturing Co., Limited .....                      | 362 Kerr St. N., Oakville           |
| Maple Leaf Metal Products Ltd. ....                        | 2531 McDougall St., Windsor         |
| McCord Corporation .....                                   | 890 Walker Road, Windsor            |
| McGinness, H.B., Limited .....                             | Lansdowne St. East, Peterborough    |
| McKinnon Industries Limited, The .....                     | Ontario St., St. Catharines         |
| McQuay-Norris Mfg. Co. of Canada Ltd. ....                 | Ray and Goddard Aves., Toronto      |
| Metal Finishers .....                                      | York St., Ridgetown                 |
| Mid-States of Canada Ltd. ....                             | Ingersoll                           |
| Monahan Supply Corp. Ltd. ....                             | 191 Queen St. E., Toronto           |
| Monroe-Acme Ltd. ....                                      | 207 Weston Rd., Toronto             |
| Morco Products Co. ....                                    | Joseph & Montreal Sts., Kingston    |
| Motor Products Corporation of Canada Ltd. ....             | 1508 Walker Rd., Windsor            |
| Muffler Corporation of Canada Ltd. ....                    | Scarborough                         |
| National Auto Radiator Mfg. Co. Ltd. ....                  | 2575 Airport Rd., Windsor           |
| National Tubular Products Ltd. ....                        | Glencoe                             |
| Nelmor Corporation (Canada) Ltd. ....                      | 1480 Lakeshore Rd., Toronto         |
| Nobel, R., & Sons .....                                    | Shallow Lake                        |
| Ontario Steel Products Co. Ltd., Division "C" .....        | 105 St. George St., Chatham         |
| Ontario Steel Products Co. Ltd. ....                       | Ritson Road, Oshawa                 |
| Ontario Steel Products Co. Ltd. ....                       | Milton                              |
| Ontario Truck Body Co. ....                                | 31 Alexander, Newmarket             |
| Oshawa Engineering & Welding Co. Ltd. ....                 | 25 Albert St., Oshawa               |
| Perfect Circle Company Ltd., The .....                     | 888 Don Mills Rd., Don Mills        |
| Perfection Automotive Products (Windsor) Ltd. ....         | 3766 Peter St., Windsor             |
| Phil Wood Industries of Canada Limited .....               | 857 Tecumseh Rd. E., Windsor        |
| Precision Automotive Co. Ltd. ....                         | 42 Duchess St., Toronto             |
| Purolator Products (Canada) Ltd. ....                      | 320 Kipling Ave. S., Toronto        |
| S.K.D. Manufacturing Ltd. ....                             | Amherstburg                         |
| Sales, A.J., Company Limited .....                         | Erie St., Ridgetown                 |
| Saltsman, H.H. ....  | 1959 Iroquois St., Windsor          |
| Schrader's, A., Son .....                                  | 344 King St. E., Toronto            |
| Sealed Power Corporation of Canada Limited .....           | 182 King St., Stratford             |
| Sehl Engineering Co. ....                                  | 136 Ottawa St. S., Kitchener        |
| Sheepbridge Engineering (Canada) Ltd. ....                 | 264 Edinburgh Rd., Guelph           |
| Smith Bros. Motor Bodies Ltd. ....                         | 173 Bartley Drive, Toronto          |
| St. Catharines Auto Bodies Ltd. ....                       | 207 St. Paul St. W., St. Catharines |
| Stewart-Warner Alemite Corporation of Canada Limited ..... | MacDonald Ave., Belleville          |
| Swartz, S., & Sons .....                                   | 106 Grange Ave., Toronto            |
| Tamco Limited .....  | LaSalle                             |
| Tecumseh Metalcraft Ltd. ....                              | 6500 Tecumseh E., Windsor           |
| Thompson Products Ltd. ....                                | 37 Louth St., St. Catharines        |
| Tipping Truck Bodies .....                                 | Tottenham                           |
| Trico Products Corporation .....                           | Dominion Rd., Fort Erie             |



## List of Firms in the Motor Vehicle Parts Industry, 1958 - Continued

| Name  | Address                            |
|---|------------------------------------|
| <b>Ontario—Concluded:</b>                     |                                    |
| Trim Trends Canada Ltd. ....                  | Ajax                               |
| Truck Engineering Limited .....               | 165 Wellington St. S., Woodstock   |
| Twentieth Century Mobile Homes Ltd. ....      | P.O. Box 72, London                |
| Van Wilson Limited .....                      | Aldershot                          |
| Warner Gear Company Limited .....             | 325 Devonshire road, Windsor       |
| Watson Spring Co. Ltd. ....                   | 370 King St. E., Toronto           |
| Weatherhead Company of Canada Ltd., The ..... | 121 Inkerman St., St. Thomas       |
| Welles corporation Ltd. ....                  | 2650 Metcalfe, Windsor             |
| Westeel Products Ltd. ....                    | Scarborough                        |
| Wilson Motor Bodies Limited .....             | 1466 Lakeshore Rd., Long Branch    |
| Wix Corporation Ltd. ....                     | 25 Curity Ave., Toronto            |
| Wrigley Steel Co. of Canada Ltd. ....         | 1573 McDougal, Windsor             |
| Zenith Welding Ltd. ....                      | 965 Walker Rd., Windsor            |
| <b>Manitoba:</b>                              |                                    |
| Automotive Accessory Co. Ltd. ....            | 1551 Erin, Winnipeg                |
| Brandon Body Works Ltd. ....                  | 9th St. & Southern Ave., Brandon   |
| Carter, James B., Ltd. ....                   | 421 Mulvey Ave., Winnipeg          |
| Chalmers Auto Truck & Body Works Ltd. ....    | 349 Nairn Ave., Winnipeg           |
| Elias, Thomas, Mfg. Co. Ltd. ....             | 1061 Notre Dame Ave., Winnipeg     |
| Flatt's Truck & Trailer Body Works .....      | 274 Talbot St., Winnipeg           |
| Lawrie Wagon & Carriage Co. Ltd., The .....   | 583 Wall St., Winnipeg             |
| Lindale Mobile Homes .....                    | 1960 Main, Winnipeg                |
| Manitoba Auto Spring Works .....              | 175 Fort St., Winnipeg             |
| Rambler Trailers .....                        | 702 Scotland Ave., Winnipeg        |
| Redlick Trailer Co. Ltd. ....                 | P.O. Box 760, Brandon              |
| Richardson Manufacturing Co. Ltd. ....        | 666 Arlington St., Winnipeg        |
| Sangster's Wagon & Body Works Ltd. ....       | 100 Higgins Ave., Winnipeg         |
| <b>Saskatchewan:</b>                          |                                    |
| Modern Spring Works Ltd. ....                 | 331 Avenue A South, Saskatoon      |
| Yackel Hoist Co. Ltd. ....                    | Yorkton                            |
| <b>Alberta:</b>                               |                                    |
| Armand Truck and Body Works .....             | 11919—72nd St., Edmonton           |
| Belmont Body Works .....                      | 12517—72nd St., Edmonton           |
| Economy Filter Works .....                    | 1219—9th Ave. E., Calgary          |
| Edmonton Auto Spring Works Ltd. ....          | Jasper Ave. and 95th St., Edmonton |
| Edmonton Truck Body Ltd. ....                 | 7650—121 Ave., Edmonton            |
| Hay & Harding, Limited .....                  | 108—2nd Ave. W., Calgary           |
| Lethbridge Body Works .....                   | 1801—3rd Ave. S., Lethbridge       |
| Lethbridge Spring & Axle Ltd. ....            | 402—4th St. S., Lethbridge         |
| Long, L.H. Construction Co. ....              | Box 99, Lethbridge                 |
| Master-Craft Trailer Co. ....                 | 1430—9th Avenue East, Calgary      |
| Nodwell, Rodin, Mfg. Ltd. ....                | 50th Ave. & 1st. S.E. Calgary      |
| Nordheimer Spring Service Co. Ltd. ....       | 10960—101 St., Edmonton            |
| Peerless Motor Products Ltd. ....             | 6110—1A St. S.W., Calgary          |
| Perfection Machine Works Ltd. ....            | 34th Ave. & Blackburn Rd., Calgary |

## List of Firms in the Motor Vehicle Parts Industry, 1958 — Concluded

| Name  | Address                                   |
|---|---|
| <b>Alberta — Concluded:</b>                   |   |
| Roadway Industries Ltd. ....                  | 6925 — 103rd St., Edmonton                |
| Standen's Limited .....                       | 24th Ave. & 2nd St. S.E., Calgary         |
| Success Automatic Land Leveller Co. Ltd. .... | Medicine Hat                              |
| Sunnyside Auto Body Works .....               | 1014 — 4th Ave. N.W., Calgary             |
| <b>British Columbia:</b>                      |   |
| A.C. Radiator Distributors Ltd. ....          | 1225 E. Pender, Vancouver                 |
| Collins Mfg. Co. Ltd. ....                    | 3810 — E. 1st Ave., Burnaby               |
| Columbia Trailer Co. Ltd. ....                | 1475 Howe St., Vancouver                  |
| Commercial Body Builders Ltd. ....            | 539 W. 8th Ave., Vancouver                |
| Cords Piston Ring Co. of Canada Ltd. ....     | 834 Johnson St., Victoria                 |
| Custom Engineering Ltd. ....                  | 896 New River Rd., Richmond               |
| Dendoff Springs Ltd. ....                     | 232 W. 2nd Ave., Vancouver                |
| Evergreen Trailer Co. Ltd. ....               | 1324 Franklin, Vancouver                  |
| Langford Truck Equipment Ltd. ....            | 10527 Scott Rd., North Surrey             |
| McAllister Spring Company Limited .....       | 425 W. 6th Ave., Vancouver                |
| Motor Specialty Manufacturers Ltd. ....       | 475 Clarke Drive, Vancouver               |
| Pacific Coast Trailers Ltd. ....              | 8393 King George Highway, New Westminster |
| Ribchester, G.W., & Son. Ltd. ....            | 1253 Howe St., Vancouver                  |
| West Coast Trailer Mfg. Co. Ltd. ....         | 6212 Kingsway, Burnaby                    |
| Westminster Truck Equipment Ltd. ....         | 445 Brunette, New Westminster             |
| White & Taylor Ltd. ....                      | 445 West 2nd Ave., Vancouver              |
| Willock Truck Equipment Company Ltd. ....     | 205 West 2nd Ave., Vancouver              |

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