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THE MOTOR VEHICLE PARTS INDUSTRY

1956

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NOTICE

The annual reports prepared by the Industry and Merchandising Division of the Bureau of Statistics are divided into 3 volumes, as follows: **Volume I** — The Primary Industries, including mining, forestry and fisheries; **Volume II** — Manufacturing; **Volume III** — Merchandising and Services. The volumes are made up of parts, and the parts in turn are subdivided according to the industries or provinces which they comprise.

Volume II consists of the following parts, the first two of which deal with manufacturing as a whole and the balance with the major manufacturing groups.

- I — General Review of the Manufacturing Industries, \$1.50
- II -- The Manufacturing Industries of Canada, (7 sections, as follows:)
 - Section A. Summary for Canada, 25¢
 - Section B. Atlantic Provinces, 50¢
 - Section C. Quebec, 25¢
 - Section D. Ontario, 25¢
 - Section E. Prairie Provinces, 40¢
 - Section F. British Columbia, 25¢
 - Section G. The Manufacturing Industries of Canada, Regional Distribution, 75¢
- III — Foods and Beverages
- IV — Tobacco and Tobacco Products
- V — Rubber Products
- VI — Leather Products
- VII — Textile Mills
- VIII — Knitting Mills
- IX — Clothing
- X — Wood and Paper Products
- XI — Printing Trades
- XII — Iron and Steel Products
- XIII — Transportation Equipment
- XIV — Non-ferrous Metal Products
- XV — Electrical Apparatus and Supplies
- XVI — Non-metallic Mineral Products
- XVII — Products of Petroleum and Coal
- XVIII — Chemicals and Allied Products
- XIX — Miscellaneous Manufactures

The present report belongs in Part XIII, Transportation Equipment. It is punched to permit of filing in a ring binder along with others of the group. The reports in this group are:

- A — General Review, 25¢
- B — The Aircraft and Parts Industry, 25¢
- C — The Bicycle Manufacturing Industry, 25¢
- D — The Boat Building Industry, 25¢
- E — The Motor Vehicles Industry, 25¢
- F — The Motor Vehicle Parts Industry, 25¢
- G — The Railway Rolling Stock Industry, 25¢
- H — The Shipbuilding Industry, 25¢
- I — The Miscellaneous Transportation Equipment Industry, 25¢

THE MOTOR VEHICLE PARTS INDUSTRY 1956

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, upholstery, 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 and 7 to 11, 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.

One hundred and ninety-eight establishments were included in the Motor Vehicle Parts Industry in 1956, distributed, by provinces, as follows: Ontario, 116; Quebec, 23; British Columbia, 19; Alberta, 18; Manitoba, 15; Saskatchewan, 4; New Brunswick, 2 and Nova Scotia, 1. Factory shipments from these plants were valued at \$329,525,120, an increase of 15.6 per cent over the total of \$285,070,612 in 1955.

In 1956 this industry afforded employment to a total of 21,471 people who were paid \$82,361,857

in salaries and wages, while in the previous year there were 19,996 workers with earnings of \$74,581,239.

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, tires 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 \$575,205,000 in 1956 compared with \$523,162,000 in 1955. Details are listed in table 5.

Note: Figures for value added by manufacture, shown in Table 1, prior to 1952 were obtained by subtracting the cost of materials used, including fuel and electricity, from the value of production. In 1952 the gross value of production was replaced by value of factory shipments, f.o.b. plant. As no information on inventory change is available for 1952 and 1953, value added figures for these years were obtained by subtracting from the value of shipments the cost of materials, fuel and electricity. In 1954 and later years information on the value of year-end inventory holdings at plant and plant warehouses was collected as part of the annual Census of Industry and information thus made available was taken into account in calculating the value added figures.

**TABLE 1. Principal Statistics of the Motor Vehicle Parts Industry,
Significant Years 1929-1956, and by Provinces, 1955 and 1956**

Year and province	Establishments	Employees	Salaries and wages	Cost of fuel and electricity at works	Cost at plant of materials used	Value added by manufacture ¹	Gross selling value of products ¹
	No.	No.	\$	\$	\$	\$	\$
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
1952.....	172	21,791	72,607,789	3,895,986	145,666,823	127,222,358	276,785,167
1953.....	179	23,335	81,186,799	4,100,681	162,324,012	141,251,977	307,676,670
1954.....	180	18,363	65,540,443	3,810,974	122,691,526	112,253,910	235,108,407
1955							
Nova Scotia	1	16	34,210	1,940	22,600	45,513	70,053
New Brunswick	2						
Quebec	23	384	1,152,576	75,759	1,333,686	1,843,539	3,247,391
Ontario	108	18,813	70,811,811	3,800,184	144,231,441	124,702,990	274,068,620
Manitoba	14	284	807,415	32,109	1,233,932	1,602,404	2,844,956
Saskatchewan.....	5	13	36,124	3,130	26,504	57,598	87,296
Alberta	17	205	740,560	32,137	819,838	871,112	1,720,809
British Columbia	18	281	998,543	36,459	1,336,156	1,655,560	3,031,487
Canada	188	19,996	74,581,239	3,981,718	149,004,157	130,778,716	285,070,612
1956							
Nova Scotia	1	17	38,200	1,890	21,580	48,802	72,550
New Brunswick	2						
Quebec	23	365	1,145,020	83,780	1,893,829	1,790,371	3,826,007
Ontario	116	20,096	77,735,398	4,396,790	170,269,794	146,647,126	314,359,075
Manitoba	15	338	988,592	39,958	1,815,563	2,040,524	3,850,421
Saskatchewan.....	4	14	41,740	2,570	31,421	64,327	98,350
Alberta	18	311	1,082,351	41,880	1,518,512	1,489,878	2,984,311
British Columbia	19	330	1,330,556	40,223	2,034,224	2,430,188	4,334,361
Canada	198	21,471	82,361,857	4,607,091	177,584,923	154,511,216	329,525,120

1. See footnote 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. Inventories¹, 1956

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	\$	\$	\$	\$
Opening:				
Nova Scotia and New Brunswick	8,479	1,437	—	9,916
Quebec	332,485	123,437	200,755	656,677
Ontario	27,496,330	12,053,090	8,194,406	47,743,826
Manitoba	419,493	96,780	109,456	625,729
Saskatchewan	33,799	—	16,413	50,212
Alberta	233,899	74,375	191,296	499,570
British Columbia	321,713	80,602	46,164	448,479
Canada	28,846,198	12,429,721	8,758,490	50,034,409

See footnote at end of table.

TABLE 2. Inventories¹, 1956 — Concluded

	Raw materials and supplies	Goods in process	Finished goods of own manufacture	Total
	\$	\$	\$	\$
Closing:				
Nova Scotia and New Brunswick	9,656	1,129	—	10,785
Quebec	347,274	76,391	189,774	613,439
Ontario	29,064,365	16,978,033	10,224,098	56,266,496
Manitoba	493,758	137,879	113,975	745,612
Saskatchewan	30,441	—	16,372	46,813
Alberta	331,776	131,775	199,855	663,406
British Columbia	381,309	112,482	184,558	678,349
Canada	30,658,579	17,437,689	10,928,632	59,024,900

1. (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 1956 does not necessarily agree with the closing inventory for 1955, 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, 1955 and 1956

Product	1955		1956	
	Quantity	Value of factory shipments	Quantity	Value of factory shipments
			No.	\$
Axes and axle shafts	—	3,222,182	—	5,698,204
Battery cables and ground straps	—	494,379	—	517,542
Bodies and cabs (see Table 5)	—	11,472,723	—	17,570,499
Brakes and parts	—	4,656,878	—	5,045,924
Bumpers and bumperettes	—	5,698,113	—	8,612,286
Hardware, automobile	—	4,285,965	—	5,356,104
Heaters (car and engine block)	—	4,147,463	—	4,323,499
Headlights and parts	—	3,521,791	—	3,605,313
Oil filters and elements	—	4,176,124	—	4,747,925
Pistons	1,002,164	1,619,295	941,826	1,562,513
Piston rings	24,406,018	3,414,092	24,258,337	3,408,163
Piston ring expanders	—	45,112	—	65,797
Radiators, complete	357,519	6,350,346	322,731	6,331,109
Radiator cores	—	888,734	—	1,488,694
Spark plugs	29,164,491	8,673,286	29,143,118	8,212,172
Springs, auto chassis (flat and coil)	—	8,538,235	—	9,755,283
Other automobile parts ¹	—	157,890,266	—	174,081,470
Trailers (see Table 6)	—	21,180,972	—	27,479,437
Received for custom work and repairs	—	3,740,333	—	5,034,265
All other products ²	—	31,054,323	—	36,628,921
Total	—	285,070,612	—	329,525,120

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

2. 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, 1955 and 1956

Material	1955		1956	
	Quantity	Cost at works	Quantity	Cost at works
	No.	\$	No.	\$
Iron and steel:				
Castings:				
Iron	ton	1	1	15, 962
Steel	"	1	1	3, 554
Pig iron	"	25, 197	1, 393, 225	32, 306
Bars and rods, steel	"	58, 211	8, 513, 842	64, 159
Plates, steel	"	9, 432	1, 310, 133	10, 696
Sheets:				
Black	ton	41, 240	5, 767, 792	48, 486
Galvanized	"	1, 541	189, 441	2, 382
Tinplate	ton	1, 995	333, 022	1, 489
Strip, steel	"	28, 353	3, 641, 244	27, 055
Structural shapes	"	6, 712	1, 011, 730	5, 167
Wire	"	4, 327	700, 790	5, 075
Alloy steel in all forms:				
Stainless:				
Billets, bars and rods	"	—	634, 523	—
Other	"	—	229, 014	—
Other alloy and tool steel (including carbon, alloy and high speed steels):				
Billets, bars and rods	"	—	5, 492, 143	—
Other	"	—	836, 094	—
Scrap iron and steel	ton	58, 106	2, 215, 803	66, 095
Iron and steel pipe, tubing and fittings	"	—	1, 863, 410	—
Other iron and steel	"	—	9, 676, 864	—
Ferro-alloys	"	—	188, 966	—
Non-ferrous metals:				
Aluminium:				
Castings	pound	1, 617, 423	933, 057	1, 191, 242
Sheet	"	1, 274, 095	490, 899	1, 799, 962
Other forms	"	5, 334, 266	1, 563, 630	4, 987, 073
Brass and bronze	"	10, 204, 752	4, 670, 047	9, 009, 898
Copper:				
Sheet	pound	2, 176, 810	1, 311, 440	1, 791, 724
Wire	"	5, 292, 836	2, 638, 304	5, 106, 437
Other forms	"	2, 446, 405	1, 369, 492	905, 939
Lead	"	2, 903, 198	425, 962	2, 422, 685
Nickel	"	979, 608	753, 052	1, 047, 118
Tin	"	712	720	747
Zinc	"	1, 784, 217	323, 786	3, 098, 631
Babbitt metals and solders	"	1, 256, 214	576, 360	1, 640, 907
Other non-ferrous metals	"	—	40, 577	—
Other materials:				
Paints, oils and varnishes	"	—	857, 949	—
Foundry coke for cupola use	ton	12, 503	338, 448	15, 364
Moulding sands	"	3	20	{ 31, 637
Core sands	"	27, 197	75, 758	90, 847
Plumbago and graphite	pound	49, 400	6, 074	47, 300
Lumber	Mft. b.m.	9, 920	1, 174, 605	15, 000
Firebrick and cupola blocks	"	—	53, 387	—
Fireclay	"	—	39, 840	—
Core oil	Imp. gal.	72, 861	70, 168	88, 159
Shipping containers	"	—	2, 038, 136	—
All other materials	"	—	85, 254, 410	—
Total	"	—	149, 004, 157	177, 584, 923

1. Included with "Other iron and steel."

TABLE 5. Factory Shipments of Specified Motor Vehicle Parts and Accessories, From All Industries, 1955 and 1956

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	1955		1956	
	Number	Value of factory shipments	Number	Value of factory shipments
Axles and axle shafts	—	3,222,000	—	5,698,000
Batteries, storage (for autos)	2,115,328	20,512,000	2,197,357	21,737,000
Truck bodies and cabs:				
Dump bodies	4,636	2,801,000	See next two items	
Dump bodies with hoists:	Not available in this breakdown see above item		4,882	4,682,000
Dump bodies only	1,082		1,082	779,000
Hydraulic hoists	4,254	2,032,000	2,776	1,583,000
Tail gate loaders	193	102,000	252	149,000
Stake bodies	2,931	1,095,000	3,943	1,849,000
Pick-up or express bodies	260	346,000	595	859,000
Van and delivery bodies	1,734	1,817,000	1,682	2,224,000
Bus bodies	417	852,000	594	1,672,000
Tank bodies	652	2,280,000	869	3,193,000
All other truck bodies and cabs (passenger car bodies not included)	—	4,672,000	—	5,501,000
Brakes and parts	—	5,619,000	—	6,037,000
Brake linings, asbestos	—	3,645,000	—	3,959,000
Bumpers and bumperettes	—	5,698,000	—	8,612,000
Cable and wire assemblies	—	3,725,000	—	6,029,000
Chains, tire	—	1,506,000	—	1,358,000
Clutches	—	1	—	1
Clutch facings, asbestos	—	856,000	—	944,000
Coils, ignition	—	1	—	1
Differentials	—	1	—	1
Distributors	—	1	—	1
Engines	—	1	—	1
Engine valves	—	1	—	1
Fan belts, rubber	1,684,004	1,012,000	1,745,389	1,221,000
Generators	—	1	—	1
Glass, laminated, etc.	—	1	—	1
Hardware, auto	—	7,118,000	—	7,865,000
Heaters, auto and engine, and defrosters	—	3,770,000	—	4,617,000
Headlights and parts	—	1	—	1
Hub and drum assemblies	—	1	—	1
Lubricating systems	—	1	—	1
Mufflers	—	1	—	1
Oil filters and elements	—	4,176,000	—	4,748,000
Pistons	1,002,164	1,619,000	941,826	1,563,000
Piston rings, expanders, etc.	—	3,459,000	—	3,474,000
Propeller drive shafts and universal shafts	—	1	—	1
Radiators, complete	357,519	6,350,000	322,731	6,331,000
Radiator cores	—	889,000	—	1,489,000
Radios for automobiles	217,416	7,521,000	224,721	7,515,000
Shock absorbers	—	1	—	1
Spark plugs	29,164,491	8,673,000	29,143,118	8,212,000
Springs, chassis	—	8,538,000	—	9,755,000
Starters	—	1	—	1
Steering gear assemblies	—	1	—	1
Tie rods	—	1	—	1
Tires (casings and tubes)	—	172,460,000	—	184,671,000
Tire flaps and tire flap material	—	522,000	—	712,000
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	—	47,385,000	—	51,633,000
Other auto parts and supplies, not specified as to kind	—	60,123,000	—	63,359,000
Value of products reported by only 1 or 2 firms as indicated above	—	128,766,000	—	141,174,000
Total	—	523,162,000	—	575,205,000

1. 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, 1955 and 1956 (From all Industries)

Type	1955		1956	
	Number	Value of factory shipments	Number	Value of factory shipments
Cabin or house type	1,716	\$ 4,942,000	2,839	\$ 8,834,046
Commercial semi-trailers:				
Stake type	1,085	4,107,000	1,156	5,517,108
Van type	1,095	6,937,000	834	5,582,449
Lowbed type	171	1,084,000	217	1,484,604
Logging type	168	911,000	230	1,224,292
Tank type	1	1	1	1
Dump type	115	590,000	163	937,817
Pole trailers	62	78,000	46	117,892
All other trailers	—	2,798,000	—	4,269,405

1. Included with "All other trailers".

TABLE 7. Principal Statistics of the Motor Vehicle Parts Industry, Classified According to Type of Ownership, 1955 and 1956

Type	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
1955	No.	No.	\$	\$	\$	\$
Individual ownership	31	167	402,116	24,295	490,168	1,096,837
Partnerships	14	99	247,621	12,675	286,133	640,147
Incorporated companies	143	19,730	73,931,502	3,944,748	148,227,856	283,333,628
Total	188	19,996	74,581,239	3,981,718	149,004,157	285,070,612
1956						
Individual ownership	31	187	464,139	26,713	647,538	1,325,980
Partnerships	11	93	266,705	11,951	340,404	731,870
Incorporated companies	156	21,191	91,631,013	4,568,427	176,596,931	327,467,476
Total	198	21,471	82,361,857	4,607,091	177,584,923	329,525,120

TABLE 8. Principal Statistics of the Motor Vehicle Parts Industry, Grouped According to Value of Factory Shipments, 1955 and 1956

Establishments reporting a value of factory shipments	Establishments	Employees	Salaries and wages	Cost of fuel and electricity	Cost at plant of materials used	Selling value of factory shipments
1955	No.	No.	\$	\$	\$	\$
Under \$10,000	13	18	29,962	3,026	26,335	73,727
\$10,000 to \$24,999	20	70	159,973	8,674	117,014	357,144
\$25,000 to \$49,999	18	106	231,834	13,867	312,213	692,263
\$50,000 to \$99,999	25	279	764,547	41,438	749,062	1,847,458
\$100,000 to \$199,999	30	576	1,821,396	85,866	2,106,188	4,698,600
\$200,000 to \$499,999	21	616	2,072,860	113,147	3,075,567	6,720,442
\$500,000 to \$999,999	17	1,013	3,254,555	126,457	5,579,605	11,949,277
\$1,000,000 to \$4,999,999	30	5,010	17,450,113	836,053	36,339,666	68,744,315
\$5,000,000 and over	14	12,226	48,369,525	2,753,190	100,698,507	189,987,386
Head Offices	—	82	426,454	—	—	—
Total	188	19,996	74,581,239	3,981,718	149,004,157	285,070,612
1956						
Under \$10,000	13	17	28,991	3,125	31,846	79,074
\$10,000 to \$24,999	14	48	110,110	6,960	76,590	255,210
\$25,000 to \$49,999	18	98	259,488	15,067	309,830	684,529
\$50,000 to \$99,999	23	206	571,448	41,623	703,229	1,545,994
\$100,000 to \$199,999	25	427	1,395,177	70,067	1,678,837	3,569,649
\$200,000 to \$499,999	33	893	2,934,081	146,490	4,955,836	9,961,651
\$500,000 to \$999,999	25	1,397	4,649,837	184,512	9,833,896	18,331,203
\$1,000,000 to \$4,999,999	32	4,872	17,155,563	774,703	39,231,179	73,172,055
\$5,000,000 and over	15	13,416	54,801,814	3,364,544	120,763,630	221,925,750
Head Offices	—	97	455,343	—	—	—
Total	198	21,471	82,361,857	4,607,091	177,584,923	329,525,120

TABLE 9. Capital and Repair Expenditures in the Motor Vehicle Parts Industry, 1952-1956

Year	Capital expenditures		Sub-total	Repair and maintenance expenditures		Sub-total	Total capital and repair expenditures
	Construction	Machinery and equipment		Construction	Machinery and equipment		
\$'000							
1952	5,242	5,696	10,938	1,375	6,094	7,469	18,407
1953	6,246	11,625	17,871	1,201	7,203	8,404	26,275
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 ¹	3,744	6,035	9,779	897	6,161	7,058	16,837

1. Preliminary

TABLE 10. Employees and Their Earnings in the Motor Vehicle Parts Industry, 1955 and 1956

Province	Number of employees						Earnings		
	Supervisory and office		Production workers		Total	Supervisory and office	Production workers	Total	
	Male	Female	Male	Female					
1955									
Quebec	59	16	296	13	384	318,816	833,760	1,152,576	
Ontario	2,768	944	12,788	2,313	18,813	17,587,546	53,224,265	70,811,811	
Manitoba	48	15	178	43	284	242,741	564,674	807,415	
Alberta	32	11	159	3	205	214,416	526,144	740,560	
British Columbia	50	8	222	1	281	273,037	725,506	998,543	
Other provinces	9	1	19	—	29	25,676	44,658	70,334	
Canada	2,966	995	13,662	2,373	19,996	18,662,232	53,919,007	74,581,239	
1956									
Quebec	45	10	298	12	365	226,154	918,866	1,145,020	
Ontario	2,936	1,047	13,839	2,274	20,096	19,104,477	58,630,921	77,735,398	
Manitoba	57	15	204	62	338	259,240	729,352	988,592	
Saskatchewan	5	—	9	—	14	16,276	25,464	41,740	
Alberta	52	14	242	3	311	267,280	815,071	1,082,351	
British Columbia	56	9	263	2	330	416,625	913,931	1,330,556	
Other provinces	3	1	13	—	17	10,000	28,200	38,200	
Canada	3,154	1,096	14,868	2,353	21,471	20,300,052	62,061,805	82,361,857	

TABLE 11. Production Workers in the Motor Vehicle Parts Industry, by Months, 1955 and 1956

Month	1955			1956		
	Male	Female	Total	Male	Female	Total
Number						
January	14,208	2,105	16,313	10,180	2,030	12,210
February	15,073	2,463	17,536	13,673	2,516	16,189
March	14,948	2,516	17,464	15,855	2,796	18,651
April	15,326	2,609	17,935	16,428	2,812	19,240
May	15,408	2,757	18,165	16,327	2,645	18,972
June	15,713	2,627	18,340	15,950	2,307	18,257
July	15,294	2,501	17,795	14,987	1,970	16,957
August	13,709	1,960	15,669	13,777	1,662	15,439
September	13,815	2,458	16,273	14,837	2,241	17,078
October	10,237	2,199	12,436	15,604	2,432	18,036
November	10,105	2,217	12,322	15,540	2,428	17,968
December	10,130	2,073	12,203	15,387	2,416	17,803
Average	13,662	2,373	16,035	14,868	2,353	17,221

TABLE 12. Imports and Exports of Specified Motor Vehicle Parts, 1955 and 1956

	1955	1956
	\$	\$
Imports		
Parts of bodies for motor buses, electric trackless trolley buses, motor ambulances and hearses, as enumerated in tariff, item 4381	3,670,763	5,945,773
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	15,636,155	26,260,771
Automobile parts, n.o.p.	227,198,384	252,581,141
Automobile and motor vehicle engines, stripped, n.o.p., and complete parts thereof, n.o.p.	19,609,424	15,698,808
Engines, internal combustion, and parts, of a class not made in Canada, for the manufacture of motor trucks and motor truck chassis	8,553,226	13,616,851
Annular ball bearings and parts, for the manufacture of motor vehicles	2,920,637	3,653,135
Asbestos brake linings for automobiles, motor vehicles and chassis	395,979	486,776
Asbestos clutch facings for automobiles, motor vehicles and chassis	381,491	394,673
Exports		
Automobile parts:		
Canadian-made	20,332,556	19,969,331
Foreign-made	4,352,145	3,215,790

TABLE 13. Fuel and Electricity Used¹ in the Motor Vehicle Parts Industry, 1956

Kind		Quantity	Cost at works
			\$
Bituminous coal:			
(a) From Canadian mines	ton	4,588	47,853
(b) Imported	ton	72,262	712,883
Anthracite coal	ton	522	7,250
Lignite coal	ton	470	2,105
Coke	ton	210	4,175
Gasoline (including gasoline used in cars and trucks)	imp. gal.	713,458	246,436
Kerosene	imp. gal.	33,528	6,046
Fuel oil	imp. gal.	6,144,252	778,152
Wood.....	cord	75	899
Gas:			
(a) Liquefied petroleum gases	imp. gal.	1,355,607	193,219
(b) Other manufactured gas	1,000 cu. ft.	7,572	4,924
(c) Natural gas	1,000 cu. ft.	291,257	277,769
Other fuel	—	—	110,387
Electricity purchased	k.w.h.	207,838,610	2,214,993
Total	—	—	4,607,091

1. Last collected in this detail in 1953.

List of Firms in the Motor Vehicle Parts Industry, 1956

Name	Address
Nova Scotia:	
Daniels, C.E., & Son	Annapolis Royal
New Brunswick:	
Colpitts, W.R., Ltd.	Moncton
Saint John Spring Works	81 Thorne Ave., Saint John
Quebec:	
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
Drolet, Leon, et Fils Enrg.	8-12 Caron St., Quebec
Eastern Spring Service	9359 Notre Dame St. E., Montreal
Electric & Gas Welding Co. Ltd., The	5701 de Normanville St., Montreal
Everite Automotive Radiators Ltd.	995 St. Dominique 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
Ideal Body Ltd.	265-2nd Ave., Quebec
Jennings Auto Body Co.	1165 St. James St. W., Montreal
La Boite de Camions Enrg.	Ste-Marie-de-Beauce
Lacosse Enrg.	2501 Lacordance, Montreal
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
Racine, Alfred, Enrg.	900 St. Gregoire St., Montreal
Specialloid (Canada) Ltd.	29 Oka Road, St. Eustache
Trailer Equipment Ltd.	4690 Iberville St., Montreal
Western Filters Limited	360 boul. Ste-Croix, Montreal
Ontario:	
Adams, J.C., Company Limited	Orangeville
Algoma Mfg. Tool & Die Ltd.	177 King St. W., Oshawa
Appleby, D., & Co. of Canada Limited	18 Ingram Drive, Toronto
Back, L., & Co. Ltd.	159 De Grassie St., Toronto
Banner Metal Products Ltd.	1696 Kildare Rd., Windsor
Beauchamp Truck Bodies	Hurdman's Bridge, Ottawa
Bendix-Eclipse of Canada Limited	1473 Argyle Rd., Windsor
Biltrite 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 Motor Lamp Co., Ltd.	2429 Seminole St., Windsor
Canadian Radiator Mfg. Company Ltd.	267 Niagara St., Toronto
Canasco Products Ltd.	1 Parnell Ave., Toronto
Canmor Hydraulic Industries Ltd.	70 Grand, Toronto

List of Firms in the Motor Vehicle Parts Industry, 1956 — Continued

Name	Address
Ontario — Continued	
Carrick's Auto Spring Repairs	2002 Dundas St. W., Toronto
Champion Spark Plug Co. of Canada Limited	1624 Howard Ave., Windsor
Clevite Development Limited	1177 Talbot St., St. Thomas
Comco Stampings Ltd.	Uxbridge
Coulter Manufacturing Ltd.	30 Richmond Rd. W., Ottawa
Cozens Spring Service & Mfg. Co., Limited	157 Queen St. E., Toronto
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	139 Peter St., Toronto
Donaldson Company (Canada) Ltd.	277 William St. S., Chatham
Dyna-Flyte of Canada Ltd.	1922 Wyandotte E., Windsor
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
Electro Coil Company	30 Webber St. N., Waterloo
Electroline Mfg. Co. Ltd.	1305 Windsor Ave., Windsor
Electronic Components Ltd.	Plastics Ave., Etobicoke
Esco Stamping Products Ltd.	444 Hanna St. E., Windsor
Essex Wire Corporation Limited	1664 Windsor Ave., Windsor
Fabricated Metals & Stampings Ltd.	249 — 2nd Ave., Oshawa
Felder Truck Body & Trailer Co.	102 Bruce, Kitchener
Fitzjohn Coach of Canada Ltd.	Brantford
Fleetwood Metal Industries	1801 Walker Rd., Windsor
Flexo Mfg. Co. Ltd.	474 Bathurst, Toronto
Fram Canada Ltd.	Romeo St. S., Stratford
Fruehauf Trailer Co. of Canada Ltd.	Main St. N., Weston
General Coach Works of Canada Ltd.	Hensall
General Motors of Canada Limited	Walkerville
Glendale Mobile Homes Ltd.	Queen St., Strathroy
Goodwin Glass Industries Ltd.	1052 Wyandotte St. W., Windsor
Haca Supplies	183 Sherman Ave. N., Hamilton
Hampson Products	1392 Dufferin St., Toronto
Hastings Ltd.	390 Birchmount Rd., Toronto
Hayes Steel Products Limited	Merritt St., Merriton
Houdaille Industries Ltd.	Wolfe & Simcoe St., Oshawa
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
Johns Mfg. Co., The	190 Brookside Ave., Toronto
Karco Co. Ltd., The	3959 Walker Rd., Windsor
Kelsey Wheel Co. Ltd.	309 Ellis Ave. E., Windsor
King, Peter, Industries	Kingsville
Kralinator Limited	Montrose St., Preston
Long Manufacturing Co., Limited	362 Kerr St. N., Oakville
L.S. & Dick Company Ltd.	7 Eugenie St., Windsor
Maple Leaf Metal Products Ltd.	2531 McDougall St., Windsor
McCord Corporation	890 Walker Road, Windsor

List of Firms in the Motor Vehicle Parts Industry, 1956 — Continued

Name	Address
Ontario — Continued	
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
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.	Walker Road, Walkerville
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.	Box 790, 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
Pollard Industries Ltd.	Harrow
Positive Metals & Alloys Ltd.	21 Sable St., Toronto
Purolator Products (Canada) Ltd.	320 Kipling Ave. S., Toronto
Republic Body Corp.	80 King St. W., 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	334 King St. E., Toronto
Sealed Power Corporation of Canada Limited	182 King St., Stratford
Sehl Engineering Co.	136 Ottawa St. S., Kitchener
Servall Truck Tractor Equipment Ltd.	1716 Langlois Ave., Windsor
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
Thompson Products Ltd.	37 Louth St., St. Catharines
Tipping Truck Bodies	Tottenham
Trailmobile Canada Limited	807 Pharmacy Ave., Toronto
Trico Products Corporation	Dominion Rd., Fort Erie
Trim Trends Canada Ltd.	Ajax
Truck Engineering Limited	165 Wellington St. S., Woodstock
Twentytith Century Mobile Homes Ltd.	P.O. Box 72, London
Van Wilson Equipment Co. Ltd.	Aldershot
Waffle Industries Limited	69 Grand Ave. E., Chatham
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

List of Firms in the Motor Vehicle Parts Industry, 1956 — Continued

Name	Address
Ontario — Concluded	
Wilson Motor Bodies Limited	1466 Lakeshore Rd., Long Branch
Wix Accessories Corporation Ltd.	25 Curity Ave., Toronto
Wrigley Steel Co. of Canada Ltd.	1573 McDougal, Windsor
Manitoba:	
Automotive Accessory Co. Ltd.	1551 Erin, Winnipeg
Bard Mfg. & Welding Co.	408 Bertrand, Winnipeg
Brandon Body Works Ltd.	9th St. & Southern Ave., Brandon
Carter, James B., Ltd.	85 Water 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
Kings Manufacturing Co.	Box 21, Group 6, R.R. No. 1, Winnipeg
Lawrie Wagon & Carriage Co. Ltd., The	583 Wall St., Winnipeg
Manitoba Auto Spring Works	175 Fort St., Winnipeg
Midwest Auto Springs	738 — 1st St., Brandon
Rambler Trailers	702 Scotland Ave., Winnipeg
Redlick Trailer Co. Ltd.	P.O. Box 160, Brandon
Sangster's Wagon & Body Works Ltd.	100 Higgins Ave., Winnipeg
Stearns Automotive Products	666 Arlington St., Winnipeg
Saskatchewan:	
Fudge's Industries	Moosomin
Longeway, Exec. of Longeway Estate	Storthooks
Modern Spring Works Ltd.	331 Avenue A South, Saskatoon
Yackel Hoist Co. Ltd.	Yorkton
Alberta:	
Belmont Body Works	12517 — 72nd St., Edmonton
Commercial Body Works Ltd.	1018 — 9th Ave. E., Calgary
Economy Filter Works	1219 — 9th Ave. E., Calgary
Edmonton Auto Spring Works Ltd.	Jasper Ave. and 95th St., Edmonton
Edmonton Truck Body Ltd.	10927 — 102 St., 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
Master-Craft Trailer Co.	1430 — 9th Avenue East, Calgary
McArthur's Auto Spring Works	330 — 6th Ave. E., Calgary
Nodwell, Bruce, Ltd.	37th Ave. & Edmonton Trail, 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
Roadway Industries Ltd.	6933 — 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	Cor. 4th Ave. and 10th St. N.W., Calgary

List of Firms in the Motor Vehicle Parts Industry, 1956 — Concluded

Name	Address
British Columbia:	
A.C. Radiator Distributors Ltd.	1025 Seymour, Vancouver
British Welding Co. Ltd.	505 Fisgard St., Victoria
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.	1828 Clarke Drive, Vancouver
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
Pioneer-Equipment Ltd.	2121 Antrim, South Burnaby
Ribchester, G.W., & Son, Ltd.	1253 Howe St., Vancouver
West Coast Trailer Mfg. Co. Ltd.	2656 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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