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# THE MOTOR VEHICLE PARTS INDUSTRY 1953

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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.

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  - Section A. Summary for Canada, 25¢
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- XI - Transportation Equipment
- XII - Non-ferrous Metal Products
- XIII - Electrical Apparatus and Supplies
- XIV - Non-metallic Mineral Products
- XV - Products of Petroleum and Coal
- XVI - Chemicals and Allied Products
- XVII - Miscellaneous Manufactures

The present report belongs in Part XI, 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

### 1953

The Motor Vehicle Parts Industry is a division of the Transportation Equipment 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 and 8 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 seventy-nine establishments were included in the Motor Vehicle Parts Industry in 1953, distributed by provinces, as follows: Ontario, 105; Quebec, 23; British Columbia, 19; Alberta, 15; Manitoba, 12; Saskatchewan, 3 and New Brunswick, 2. Factory shipments from these plants were valued at \$307,676,670, an increase of 11.2 per cent over the total of \$276,785,167 in 1952.

In 1953 this industry afforded employment to a total of 23,335 people who were paid \$81,186,799 in salaries and wages, while in the previous year there were 21,791 workers with earnings of \$72,607,789.

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 specified production of parts and accessories from all industries, including tires, batteries, radios, etc., amounted to \$525,793,000 in 1953 compared with \$487,909,000 in 1952. Details are listed in Table 5.

TABLE 1. Principal Statistics of the Motor Vehicle Parts Industry, 1949-1953

Year	Number of plants	Number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works
			\$	\$	\$	\$
1949 .....	150	17,898	45,662,602	2,354,797	88,040,691	171,590,042
1950 .....	151	19,719	56,092,273	2,933,965	122,088,705	226,539,375
1951 .....	161	21,197	65,283,163	3,271,070	142,840,935	263,133,094
1952 .....	172	21,791	72,607,789	3,895,986	145,666,823	276,785,167 <sup>1</sup>
1953 .....	179	23,335	81,186,799	4,100,681	162,324,012	307,676,670 <sup>1</sup>
Per cent change, 1953 from 1952.....	-	+7.1	+11.8	+5.3	+11.4	+11.2

1. Factory shipments since 1952. The inventory value of finished products at plant at end of 1952 amounted to \$11,162,000 and at end of 1953 to \$8,620,000.

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

TABLE 2. Principal Statistics, by Provinces, 1952 and 1953

Province	Number of plants	Number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Value of factory shipments
			\$	\$	\$	\$
1952						
Nova Scotia.....	1	15	37,036	4,960	15,866	73,655
New Brunswick.....	2					
Quebec.....	25	392	962,765	52,352	1,025,705	2,652,910
Ontario.....	98	20,479	68,925,345	3,762,697	141,536,730	266,350,853
Manitoba .....	10	144	350,911	17,807	438,244	922,285
Saskatchewan .....	4	24	69,983	5,895	109,755	261,119
Alberta.....	15	476	1,406,341	18,451	1,379,184	3,936,067
British Columbia .....	17	261	855,408	33,824	1,161,339	2,588,278
Canada.....	172	21,791	72,607,789	3,895,986	145,666,823	276,785,167
1953						
Quebec.....	23	363	995,443	56,559	903,261	2,827,795
Ontario.....	105	22,177	77,566,306	3,948,787	158,541,735	297,765,989
Manitoba .....	12	174	466,419	24,393	566,560	1,242,460
Alberta.....	15	337	1,224,078	31,306	1,269,058	3,417,829
British Columbia .....	19	248	830,798	30,432	938,694	2,132,807
Saskatchewan .....	3	36	103,755	9,204	104,704	289,790
New Brunswick.....	2					
Canada.....	179	23,335	81,186,799	4,100,681	162,324,012	307,676,670

TABLE 3. Products Made in the Motor Vehicle Parts Industry, 1952 and 1953

Product	1952		1953	
	Quantity	Value of factory shipments	Quantity	Value of factory shipments
	No.	\$	No.	\$
Axles and axle shafts .....	—	12,812,512	—	14,488,686
Battery cables and ground straps.....	—	524,740	—	690,216
Bodies and cabs (see Table 5).....	—	12,410,593	—	13,891,238
Brakes and parts.....	—	3,511,057	—	3,888,193
Bumpers and bumperettes .....	—	4,775,204	—	7,118,336
Hardware, automobile.....	—	3,788,857	—	3,458,809
Heaters, car.....	272,880	4,271,563	364,770	5,401,326
Headlights and parts .....	—	3,957,367	—	4,383,054
Oil filters and elements.....	—	3,308,833	—	3,801,963
Pistons.....	959,911	1,485,218	937,242	1,488,740
Piston rings.....	21,637,987	2,835,317	21,685,596	3,024,885
Piston ring expanders .....	—	60,855	—	73,385
Radiators, complete .....	270,258	4,842,440	267,384	5,306,451
Radiator cores.....	—	509,846	—	662,132
Spark plugs .....	24,164,834	6,895,911	24,577,329	6,931,074
Springs, auto chassis (flat and coil).....	—	8,565,373	—	10,042,112
Other automobile parts <sup>1</sup> .....	—	150,060,356	—	162,276,823
Trailers (see Table 6).....	—	12,332,812	—	16,948,173
Received for custom work and repairs.....	—	2,896,284	—	4,157,237
All other products <sup>2</sup> .....	—	36,940,029	—	39,643,837
<b>Total</b> .....	—	<b>276,785,167</b>	—	<b>307,676,670</b>

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, 1952 and 1953

Material	1952		1953		
	Quantity	Cost at works	Quantity	Cost at works	
		\$		\$	
<b>Iron and steel:</b>					
Pig iron.....	tons	25,071	1,446,661	31,880	1,879,188
Bars and rods, steel.....	"	53,272	7,280,714	52,014	7,629,064
Plates, steel.....	"	7,359	926,430	6,311	901,624
<b>Sheets:</b>					
Black.....	tons	40,640	5,388,894	45,614	6,218,774
Galvanized.....	"	101	14,130	1,387	199,879
Tinplate.....	tons	2,302	389,390	2,444	433,732
Strip, steel.....	"	19,939	2,671,976	27,222	3,771,990
Structural shapes.....	"	12,788	1,515,267	13,075	1,561,926
Wire.....	"	2,898	592,276	3,137	555,592
<b>Alloy steel in all forms:</b>					
<b>Carbon and alloy tool steel, including high speed:</b>					
Billets, bars and rods.....	-	-	2,462,490	-	3,272,535
Other.....	-	-	418,620	-	368,486
<b>Stainless:</b>					
Billets, bars and rods.....	-	-	495,347	-	381,919
Other.....	-	-	380,270	-	780,015
<b>Other alloy:</b>					
Billets, bars and rods.....	-	-	5,054,944	-	5,803,585
Other.....	-	-	119,165	-	153,010
Scrap iron and steel.....	tons	16,802	683,019	23,717	904,960
Iron and steel pipe, tubing and fittings.....	-	-	1,669,800	-	1,863,706
Other iron and steel.....	-	-	8,870,339	-	9,214,589
<b>Ferro-alloys.....</b>	-	-	201,134	-	188,340
<b>Non-ferrous metals:</b>					
<b>Aluminum:</b>					
Castings.....	pounds	1,034,966	676,296	1,083,236	649,016
Sheet.....	"	720,961	275,501	1,042,660	390,268
Other forms.....	"	3,036,680	765,638	3,054,097	809,284
Brass and bronze.....	"	8,830,246	3,407,848	10,448,881	4,126,631
<b>Copper:</b>					
Sheet.....	pounds	125,745	56,713	232,351	99,928
Wire.....	"	4,928,814	1,867,435	5,544,136	2,282,432
Other forms.....	"	4,329,937	1,948,550	4,324,090	2,131,974
Lead.....	"	146,455	31,550	599,376	128,926
Nickel.....	"	262,109	189,916	414,217	294,036
Tin.....	"	917	1,107	1,500	1,517
Zinc.....	"	1,382,797	303,699	1,243,275	194,034
Babbitt metals and solders.....	"	1,054,186	575,211	1,134,967	525,211
Other non-ferrous metals.....	-	-	88,935	-	367,731
<b>Other materials:</b>					
Foundry coke for cupola use.....	tons	12,313	350,368	18,531	534,828
Moulding sands.....	"	101	653	20	136
Core sands.....	"	20,291	61,397	26,957	77,692
Plumbago and graphite.....	pounds	22,700	2,348	39,200	4,680
Lumber.....	M ft. b.m.	11,880	1,516,432	11,128	1,601,340
Firebrick.....	-	-	103,995	-	15,920
Fireclay.....	tons	1,147	32,429	-	35,128
Cupola blocks.....	-	-	37,240	-	42,595
Core oil.....	Imp. gal.	49,391	53,515	69,826	70,043
Shipping containers.....	-	-	2,401,880	-	2,945,478
All other materials.....	-	-	90,337,301	-	98,912,370
<b>Total.....</b>	-	-	<b>145,666,823</b>	-	<b>162,324,012</b>

**TABLE 5. Factory Shipments of Specified Motor Vehicle Parts and Accessories, From All Industries, 1952 and 1953**

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	1952		1953	
	Number	Value of factory shipments \$	Number	Value of factory shipments \$
Axles and axle shafts .....	—	12,813,000	—	14,489,000
Batteries, storage (for autos).....	1,740,681	17,853,000	1,762,891	16,555,000
Truck bodies and cabs:				
Dump bodies .....			3,264	2,371,000
Hydraulic hoists.....			4,465	2,046,000
Tail gate loaders .....			196	110,000
Stake bodies .....			4,711	2,171,000
Pick-up or express bodies .....		15,428,000	16,485	1,131,000
Van and delivery bodies .....			25,244	2,421,000
Bus bodies .....			361	1,142,000
Tank bodies .....			1,044	5,228,000
All other truck bodies and cabs (passenger car bodies not included).....			2,574	2,076,000
Brakes and parts .....	—	4,238,000	—	4,782,000
Brake linings, asbestos .....	—	3,378,000	—	3,473,000
Bumpers and bumperettes .....	—	4,775,000	—	7,118,000
Cable and wire assemblies.....	—	3,316,000	—	3,191,000
Chains, tire.....	—	2,569,000	—	1,417,000
Clutches .....	—	1	—	1
Clutch facings, asbestos .....	—	664,000	—	552,000
Coils, ignition .....	—	1	—	1
Differentials .....	—	1	—	1
Distributors.....	—	1	—	1
Engines .....	—	1	—	1
Engine valves.....	—	1	—	1
Fan belts, rubber .....	1,555,577	975,000	1,538,547	925,000
Generators.....	—	1	—	1
Glass, laminated, etc.....	—	1	—	1
Hardware, auto .....	—	7,312,000	—	6,804,000
Heaters, auto and engine, and defrosters.....	—	5,411,000	—	6,259,000
Headlights and parts .....	—	3,957,000	—	4,413,000
Hub and drum assemblies .....	—	1	—	1
Lubricating systems .....	—	1	—	1
Mufflers .....	—	1	—	1
Oil filters and elements .....	—	3,309,000	—	3,802,000
Pistons .....	959,911	1,485,000	937,242	1,489,000
Piston rings, expanders, etc.....	—	3,269,000	—	3,343,000
Propeller drive shafts and universal shafts.....	—	1	—	1
Radiators, complete.....	270,258	4,842,000	267,384	5,306,000
Radiator cores .....	—	510,000	—	662,000
Radios for automobiles .....	109,285	4,396,000	201,941	7,494,000
Shock absorbers .....	—	1	—	1
Spark plugs .....	24,164,834	6,896,000	24,577,329	6,931,000
Springs, chassis.....	—	8,565,000	—	10,042,000
Starters .....	—	1	—	1
Steering gear assemblies .....	—	1	—	1
Tie rods.....	—	1	—	1
Tires (casings and tubes).....	—	139,332,000	—	143,476,000
Tire flaps and tire flap material .....	—	774,000	—	588,000
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 .....	—	63,625,000	—	69,121,000
Other auto parts and supplies, not specified as to kind .....	—	44,021,000	—	56,895,000
Value of products reported by only 1 or 2 firms as indicated above .....	—	124,196,000	—	127,970,000
<b>Total .....</b>	<b>—</b>	<b>487,909,000</b>	<b>—</b>	<b>525,793,000</b>

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, 1953 (From all Industries)

Type	Number	Value of factory shipments
		\$
Cabin or house type .....	842	2,085,000
Commercial semi-trailers: Stake type .....	603	2,712,000
Van type.....	1,142	6,735,000
Lowbed type .....	198	959,000
Logging type .....	100	471,000
Tank type.....	1	1
Dump type .....	45	250,000
Pole trailers .....	36	65,000
All other trailers.....	3,546	4,584,000

1. Included with "All other trailers".

TABLE 7: Imports and Exports of Specified Motor Vehicle Parts, 1952 and 1953

	1952	1953
	\$	\$
<b>Imports</b>		
Parts of bodies for motor buses, electric trackless trolley buses, motor ambulances and hearses, as enumerated in tariff item 4381 .....	4,433,606	3,801,220
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 .....	15,421,012	14,963,192
Automobile parts, n.o.p. ....	170,482,629	203,519,195
Automobile and motor vehicle engines, stripped, n.o.p., and complete parts thereof, n.o.p. ....	9,666,856	12,557,356
Engines, internal combustion, and parts, of a class not made in Canada, for the manufacture of motor trucks and motor truck chassis .....	9,142,147	8,602,916
Annular ball bearings and parts, for the manufacture of motor vehicles .....	3,620,209	3,815,652
Asbestos brake linings for automobiles, motor vehicles and chassis .....	313,765	297,460
Asbestos clutch facings for automobiles, motor vehicles and chassis .....	521,443	270,123
<b>Exports</b>		
Automobile parts:		
Canadian-made .....	18,548,547	16,999,484
Foreign-made .....	4,860,200	3,231,255

TABLE 8. Employees and Their Earnings in the Motor Vehicle Parts Industry, 1952 and 1953

Province	Number of employees					Earnings		
	Supervisory and office		Production workers		Total	Supervisory and office	Production workers	Total
	Male	Female	Male	Female				
						\$	\$	\$
<b>1952</b>								
Quebec .....	62	18	288	24	392	228,964	733,801	962,765
Ontario .....	2,370	968	14,832	2,309	20,479	13,714,923	55,210,422	68,925,345
Manitoba .....	28	8	91	17	144	118,765	232,146	350,911
Alberta .....	58	23	391	4	476	301,873	1,104,468	1,406,341
British Columbia .....	55	12	191	3	261	253,765	601,643	855,408
Other provinces .....	8	2	26	3	39	42,446	64,573	107,019
<b>Canada .....</b>	<b>2,581</b>	<b>1,031</b>	<b>15,819</b>	<b>2,360</b>	<b>21,791</b>	<b>14,660,736</b>	<b>57,947,053</b>	<b>72,607,789</b>
<b>1953</b>								
Quebec .....	47	16	282	18	363	227,711	767,732	995,443
Ontario .....	2,594	1,064	16,050	2,469	22,177	16,047,188	61,519,118	77,566,306
Manitoba .....	32	12	116	14	174	131,744	334,675	466,419
Alberta .....	60	16	253	8	337	360,939	863,139	1,224,078
British Columbia .....	47	12	186	3	248	251,697	579,101	830,798
Other provinces .....	9	1	26	—	36	36,774	66,981	103,755
<b>Canada .....</b>	<b>2,789</b>	<b>1,121</b>	<b>16,913</b>	<b>2,512</b>	<b>23,335</b>	<b>17,056,053</b>	<b>64,130,746</b>	<b>81,186,799</b>

TABLE 9. Capital and Repair Expenditures in the Motor Vehicle Parts Industry, 1949-1953

Year	Capital expenditures		Sub-total	Repair and maintenance equipment		Sub-total	Total capital and repair expenditures
	Construction	Machinery and equipment		Construction	Machinery and equipment		
	\$'000						
1949 .....	1,722	3,926	5,648	753	4,060	4,813	10,461
1950 .....	2,472	5,499	7,971	688	4,926	5,614	13,585
1951 .....	6,806	10,669	17,475	1,074	5,896	6,970	24,445
1952 .....	5,242	5,696	10,938	1,375	6,094	7,469	18,407
1953 <sup>1</sup> .....	6,107	11,471	17,578	1,138	6,727	7,865	25,443

1. Preliminary.

TABLE 10. Fuel and Electricity Used<sup>1</sup> in the Motor Vehicle Parts Industry, 1948 and 1953

Kind	Unit of measure	1948		1953	
		Quantity	Cost at works	Quantity	Cost at works
			\$		\$
Bituminous coal:					
Canadian .....	ton	556	7,154	1,329	17,619
Imported .....	"	59,454	584,294	62,880	680,177
Sub-bituminous coal (from Alberta mines only) .....	"	7	69	57	805
Anthracite coal .....	"	356	5,034	737	12,339
Lignite coal .....	"	64	451	103	1,029
Coke .....	"	317	5,797	539	6,753
Gasoline .....	Imp. gal.	225,292	71,579	496,546	146,513
Kerosene .....	"	84,626	19,257	106,301	22,006
Fuel oil .....	"	4,092,999	579,950	5,244,015	672,407
Gas:					
Liquefied petroleum gases (propane, etc.) .....	Imp. gal.	2	2	2,116,741	252,333
Manufactured .....	M cu. ft.	51,648	50,168	27,957	23,643
Natural .....	M cu. ft.	96,525	82,726	231,279	202,686
Wood .....	cord	962	9,733	695	1,002
Other fuel .....	—	—	81,340	—	23,482
Electricity purchased .....	k.w.h.	102,906,714	843,556	189,224,364	2,037,887
<b>Total .....</b>	—	—	<b>2,341,108</b>	—	<b>4,100,681</b>

1. Details shown in Tables 10 and 11 are collected only every five years; accordingly, data for intervening years are not available.

2. Not available separately.

TABLE 11. Power Equipment<sup>1</sup>, 1948 and 1953

	Ordinarily in use		In reserve or idle	
	Number of units	Total rated horse power	Number of units	Total rated horse power
1948				
Steam engines and steam turbines .....	5	259	—	—
Diesel engines .....	1	197	—	—
Gasoline engines .....	2	91	1	15
<b>Total primary .....</b>	<b>8</b>	<b>547</b>	<b>1</b>	<b>15</b>
Electric motors operated by purchased power .....	17,810	85,494	1,197	6,117
<b>Total .....</b>	<b>17,818</b>	<b>86,041</b>	<b>1,198</b>	<b>6,132</b>
Stationary power boilers .....	19	2,807	4	250
Motor-generator sets .....	157	23,196 k.v.a.	2	450 k.v.a.
1953				
Steam engines and steam turbines .....	2	750	2	195
Diesel engines .....	2	40	—	—
Gasoline engines .....	2	105	1	90
<b>Total primary .....</b>	<b>6</b>	<b>895</b>	<b>3</b>	<b>285</b>
Electric motors operated by purchased power .....	26,879	109,822	1,883	6,646
<b>Total .....</b>	<b>26,885</b>	<b>110,717</b>	<b>1,886</b>	<b>6,931</b>
Stationary power boilers .....	12	1,770	3	340
Motor-generator sets .....	87	4,659 k.v.a.	4	530 k.v.a.

1. See footnote to Table 10.

## List of Firms in the Motor Vehicle Parts Industry, 1953

Name	Address
<b>New Brunswick:</b>	
Saint John Spring Works.....	81 Thorne Ave., Saint John
Universal Sales Ltd. ....	Marsh St., Saint John
<b>Quebec:</b>	
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
Drummond Carrosserie, Enrg. ....	St. Simon
Eastern Spring Service.....	9359 Notre Dame St. E., Montreal
Economy Carburetor Co. Ltd. ....	1260 Jean-Talon St. E., Montreal
Electric & Gas Welding Co. Ltd., The .....	5701 De Normandie St., Montreal
Everite Automotive Radiators Ltd. ....	995 St. Dominique St., Montreal
Fleurent, Paul Emile .....	2036 Percy St., 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
Lafond, F.X., Enrg. ....	3701 St. James St. W., Montreal
McRobert, C.A., & Son Limited .....	31 St. Viateur St. E., Montreal
National Spring Works Ltd. ....	1131 Aqueduct St., Montreal
Portelance, S., Enrg. ....	42 Ste. Anne St., Pointe Claire
Racine, Alfred, Enrg. ....	900 St. Gregoire St., Montreal
Specialloid (Canada) Ltd. ....	425 River St., Verdun
Western Filters Limited.....	74 Blvd. Ste. Croix, Montreal
<b>Ontario:</b>	
Adams, J.C., Company Limited .....	972 Queen St. W., Toronto
Algoma Mfg. Tool & Die Ltd. ....	177 King St. W., Oshawa
Appleby, D., & Co. of Canada Limited .....	Small Arms Building, Long Branch
Back, L., & Co. Ltd. ....	159 De Grassie St., Toronto
Beauchamp Truck Bodies .....	Hurdman's Bridge, Ottawa
Bendix-Eclipse of Canada Limited .....	1473 Argyle Rd., Windsor
Brantford Coach and Body Limited .....	22 Mohawk St., Brantford
Brockhouse, J., & Co. (Canada) Ltd. ....	Etobicoke
Canadian Acme Screw & Gear Limited .....	207 Weston Rd., Toronto
Canada Motor Products Limited .....	857 Queensway, Toronto
Canadian Motor Bodies Co. ....	70 Grand Ave., Toronto
Canadian Motor Lamp Co., Ltd. ....	2429 Seminole St., Windsor
Canadian Radiator Mfg. Company Ltd. ....	464 Front St. W., Toronto
Carrick, Thos. ....	2002 Dundas St. W., Toronto
Champion Spark Plug Co. of Canada Limited .....	1624 Howard Ave., Windsor
Chatco Steel Products Ltd. ....	Tilbury
Clevite Limited.....	1177 Talbot St., St. Thomas
Clipper Coach Mfg. Co. Ltd. ....	Hensall
Comco Stampings Ltd. ....	Uxbridge
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
Dorel Manufacturing Co. Ltd. ....	223-225 Bay St., Midland
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 .....	8 King St. S., Waterloc
Electroline Mfg. Co. Ltd. ....	1305 Windsor Ave., Windsor
Essco Stamping Products Ltd. ....	444 Hanna St. E., Windsor
Essex Metal Industries Ltd. ....	1151 Tecumseh Rd. W., Windsor
Essex Wire Corporation Limited.....	1664 Windsor Ave., Windsor
Fabricated Metals & Stampings Ltd. ....	249-2nd Ave., Oshawa
Felder Truck Body & Trailer Co. ....	133 Joseph St., Kitchener
Filtron Limited .....	32 Regina St. S., Waterloo
Fram Canada Ltd. ....	Romeo St. S., Stratford
Fruehauf Trailer Co. of Canada Ltd. ....	Main St. N., Weston

## List of Firms in the Motor Vehicle Parts Industry, 1953 - Continued

Name	Address
<b>Ontario—concluded:</b>	
General Motors of Canada Limited .....	Walkerville
Glendale Trailers .....	R.R. No. 1, London
Goodwin Glass Industries Ltd. ....	1052 Wyandotte St. W., Windsor
Gotfredson Limited .....	2470 Wyandotte St. E., Windsor
Hampson Products .....	1392 Dufferin St., Toronto
Hastings Ltd. ....	390 Birchmount Rd., Toronto
Hayes Steel Products Limited .....	Merritt St., Merritton
Houdraile-Hershey of Canada, Ltd. ....	Wolfe & Simcoe St., Oshawa
Huron Steel Products Co. Ltd. ....	3710 Peter St., Windsor
Ingersoll Machine & Tool Co., Limited .....	King St. W., Ingersoll
Kelsey Wheel Co. Ltd. ....	309 Ellis Ave. E., Windsor
King, Peter, Industries .....	Kingsville
Kralinator Limited .....	Montrose St., Preston
Long Manufacturing Co., Limited .....	2744 Edna St., Windsor
Maple Leaf Metal Products Ltd. ....	2531 McDougall St., Windsor
Marchand Metal Fabricators Ltd. ....	985 St. Luke Rd., 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
Model Body Co. Ltd. ....	843 Gerrard St. E., Toronto
Monohan 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 .....	Walker Road, Walkerville
Muffler Corporation of Canada Ltd. ....	Scarborough
National Auto Radiator Mfg. Co. Ltd. ....	2575 Airport Rd., Windsor
Nelmor Corporation (Canada) Ltd. ....	70-14th St., New Toronto
Nelson Trailer Coach Co. ....	Lloydtown
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. ....	King St., Gananoque
Ontario Truck Body Co. ....	Box 790, Newmarket
Oshawa Engineering & Welding Co. ....	25 Albert St., Oshawa
Perfect Circle Company Ltd., The .....	175 Wicksteed Ave., Leaside
Perfection Automotive Products (Windsor) Ltd. ....	3766 Peter St., Windsor
Phil Wood Industries of Canada Limited .....	857 Tecumseh Rd. E., Windsor
Pollard Industries Ltd. ....	Harrow
Purolator Products (Canada) Ltd. ....	Kipling and North Queen St., Toronto
Ramsey Ring Co. Ltd., The .....	43 Britain St., Toronto
Sales, A.J., Company Limited .....	Erie St., Ridgetown
Saltsman, H.H. ....	1959 Iroquois St., Walkerville
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
Smith, B.G., Co. Ltd. ....	West Lorne
Smith Bros. Motor Bodies .....	310 King St. E., Toronto
Smith, Kirkaldy, Dennison, Mfg. Co. Ltd. ....	Amherstburg
Snyder-Antenn-Gineers Ltd. ....	Birmingham at 14th St., New 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 .....	Ojibway
Trico Products Corporation .....	40 Courtwright St., Fort Erie
Truck Engineering Limited .....	165 Wellington St. S., Woodstock
Universal Accessories Ltd. ....	164 Jeanne Mance St., Eastview
Van Wilson Equipment Co. Ltd. ....	181 Victoria Ave., Hamilton
Waffle's 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 .....	107 Inkerman St., St. Thomas
Wilson Motor Bodies Limited .....	1466 Lakeshore Rd., Long Branch
Wix Accessories Corporation Ltd. ....	25 Curity Ave., Toronto
<b>Manitoba:</b>	
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
Excell Products Company .....	126 Lombard Ave., Winnipeg
Platt's Truck & Trailer Body Works .....	274 Talbot St., Winnipeg



List of Firms in the Motor Vehicle Parts Industry, 1953 - Concluded

Name	Address
<b>Manitoba—concluded:</b>	
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
<b>Saskatchewan:</b>	
Fudge's Snow Sedans .....	Moosomin
Modern Spring Works Ltd. ....	331 Avenue A South, Saskatoon
Western Spring Manufactures Ltd. ....	2047 Broad St., Regina
<b>Alberta:</b>	
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
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
Northwest Industries Ltd. ....	No. 1 Hangar, Municipal Airport, Edmonton
Peerless Motor Products .....	216 - 12th Ave. W., Calgary
Standen's Limited .....	24th Ave. & 2nd St. S.E., Calgary
Sunnyside Auto Body Works .....	Cor. 4th Ave. and 10th St. N.W., Calgary
Tennant, Rex J. ....	813 - 3rd Ave. S., Lethbridge
United Trailer Co. Ltd. ....	3715 Edmonton Trail, Calgary
<b>British Columbia:</b>	
Collins Mfg. Co. Ltd. ....	356 - 2nd Avenue W., Vancouver
Columbia Trailer Co. Ltd. ....	1475 Howe St., Vancouver
Commercial Body Builders Ltd. ....	516 W. 8th Ave., Vancouver
Cords Piston Ring Co. of Canada Ltd. ....	834 Johnson St., Victoria
Dendoff Springs Ltd. ....	232 W. 2nd Ave., Vancouver
Desaulniers Bros. ....	1225 East Pender St., Vancouver
Island Spring Works Ltd. ....	2824 Quesnel St., Victoria
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. ....	439 King George Highway, New Westminster
Pacific Truck & Trailer Ltd. ....	1460 Franklin St., Vancouver
Pioneer Equipment Ltd. ....	960 Richards St., Vancouver
Ribchester, G.W., & Son, Ltd. ....	1253 Howe St., Vancouver
Truck & Bus Equipment Co. Ltd. ....	1165 Seymour, Vancouver
West Coast Trailer Mfg. Co. Ltd. ....	2656 Kingsway, Burnaby
Westminster Spring Co. ....	819 Carnarvon St., New Westminster
Westminster Truck Equipment Ltd. ....	820 Agnes St., New Westminster
Willock Truck Equipment Company Ltd. ....	205 West 2nd Ave., Vancouver